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U. S. Patent Office

LAWRENCE C. KINGSLAND, *Commissioner*

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Patents	536	No. 2,448,506 to No. 2,449,041, inclusive
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Patents expiring: Patent Numbers 1,821,916 to 1,822,871, inclusive, issued September 8, 1931, expire September 8, 1948

Condition of Applications Under Examination at Close of Business Aug. 20, 1948

Total number of patent applications awaiting action, 155,615. Date of oldest new application, August 13, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewage.	1-30-47	1-23-47	2837
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-2-47	8-1-46	3092
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	10-30-47	10-25-47	1470
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Disptach; Store Service; Mining, Quarrying, and Ice Harvesting.	2-26-47	2-8-47	3937
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	12-26-46	8-23-46	1866
6. SURLE, H., Carbon Chemistry (part)	9-11-47	7-14-47	1963
7. HANLIN, GEORGE, Optics; Photographic Apparatus	9-16-47	7-21-47	1716
8. LEWIS, R. O., (Acting), Furniture; Racks and Cabinets	11-12-46	7-9-46	4388
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	3-8-47	11-29-46	2250
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	11-24-47	10-6-47	1746
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	11-20-47	12-22-47	744
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	9-22-47	9-5-46	2139
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	9-3-46	2451
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	11-8-47	9-3-47	1352
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	5-14-47	2-12-47	2095
16. LOVEWELL, N. N., Television; Telephony	10-15-47	6-5-47	1512
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	2-5-47	9-10-46	2102
18. HURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	5-27-47	9-11-46	1979
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	7-19-47	11-7-46	1944
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	2-25-47	11-14-46	2002
21. MADER, R. C., Textiles	9-2-47	8-4-47	1212
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	9-22-47	10-11-46	1731
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	7-17-47	7-24-46	1259
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	8-18-47	8-4-47	2661
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	9-20-47	1-20-47	1781
26. YOUNG, R. R., Electricity—Generation and Motive Power	11-18-46	11-16-46	1328
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	6-4-47	12-4-46	3435
28. SOLYOM, H. L., Heating; Internal-Combustion Engines (part); Cylinders; Pistons	6-30-47	7-30-47	1109
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	2-4-47	12-19-46	3181
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	11-25-47	6-24-47	1330
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	12-3-47	11-28-47	2167
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	2-27-47	9-20-46	3193
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	11-29-46	8-28-46	3499
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	12-31-46	8-5-46	1525
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	3-19-47	10-17-46	3267
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11-4-46	8-8-46	1965
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	10-27-47	2-7-47	1426
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	6-2-47	3-14-47	1928
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	2-19-47	7-27-46	2960
40. DRUMMOND, E. J., Receptacles (part); Packages	10-1-47	10-16-46	3241
41. HERTZ, M., Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	10-8-46	9-4-46	2367
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	12-11-47	10-11-47	1195
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	11-12-47	9-30-47	1365
44. HARVEY, L. P., Refrigeration; Preserving	8-13-46	7-22-46	1118
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring Weight and Horsepower Motors.	1-25-47	9-23-[illegible]	2933
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	5-17-47	7-19-46	1899

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 155,615. Date of oldest new application, August 13, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	10-24-47	5-10-47	2193
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	11-29-47	2-14-47	1577
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	7-29-47	5-28-47	1545
50. LEVIN, SAMUEL, Synthetic Resins	11-24-47	6-3-47	2232
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	11-26-47	5-3-47	1822
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	8-22-47	11-13-46	3858
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	3-5-47	7-29-46	3704
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	12-1-47	5-3-47	1773
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	6-12-47	5-15-47	1991
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	10-11-47	10-2-47	1074
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys.	3-17-47	8-2-46	3613
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-17-46	10-24-46	2129
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	7-1-47	3-10-47	1968
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	12-12-47	4-25-47	1453
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-7-46	3589
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	3-26-47	9-12-46	2005
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-8-47	7-3-47	1481
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	1-20-48	1-15-48	1659
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	11-17-47	5-27-47	2048
66. LISANN, L., Geometrical Instruments	3-27-47	4-16-46	2124
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	6-7-47	4-9-47	2090
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	12-18-47	6-20-47	1465
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	6-20-47	10-3-46	1755
DESIGNS: BREHM, G. L.	12-2-46	1-2-48	7907

Total number of trade-mark applications awaiting action (including renewals and republications), 41,466. Date of oldest new application, Aug. 9, 1947; date of oldest amended application, Feb. 9, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	11-15-47	5-3-48	3085
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-2-47	3-3-48	5413
3. SUMMERS, G. S., Classes 13, 21, 23, 26	8-9-47	3-22-48	4662
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-23-47	2-9-48	4450
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	9-26-47	3-13-48	3404
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-7-47	5-28-48	3391
7. KEYS, O. M., Classes 16, 19, 55	9-2-47	12-26-47	2233
8. GEDIMAN, H. W. {Renewals / Republications} All Classes	6-30-48	7-28-48	144
	10-1-47	8-7-48	1684

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Abercrombie & Fitch Company, New York, N. Y. Smoking tobacco. Serial No. 530,043, Sept. 7. Class 17.

Acme Electric Corporation, Cuba, N. Y. Voltage regulators and variable voltage transformers. Serial No. 530,890, Sept. 7. Class 21.

Acme Machine & Fabrication Co., Birmingham, Ala. Toy coaster wagons. Serial No. 521,232, Sept. 7. Class 22.

Agkem, Inc., Quincy, Ill. Insecticides. Serial No. 540,760, Sept. 7. Class 6.

Air Reduction Sales Company, New York, N. Y. Flux-coated metallic welding rods. Serial No. 547,304, Sept. 7. Class 14.

Alexander Woolen Co., Chicago, Ill. Woolen piece goods. Serial No. 546,338, Sept. 7. Class 42.

American Chemical Society, Washington, D. C. Books, pamphlets and periodicals. Serial No. 534,725, Sept. 7. Class 38.

American Rolling Mill Company, The, now by change of name Armco Steel Corporation, Middletown, Ohio. Ferrous metal pipe and conduits. Serial No. 527,685, Sept. 7. Class 13.

American Spring Cushion Manufacturing Company: *See*—
Levich, Solomon H.

Amplifier Corp. of America, New York, N. Y. Magnetic sound recording and reproducing apparatus and parts thereof. Serial No. 533,519, Sept. 7. Class 21.

Aristocrat Leather Products, Inc., New York, N. Y. Apparel belts, suspenders, garters, etc. Serial No. 534,974, Sept. 7. Class 39.

Arkansas Company, Inc., Newark, N. J. Assistants useful in dyeing procedures and textile processing. Serial No. 517,954, Sept. 7. Class 6.

Armco Steel Corporation: *See*—
American Rolling Mill Company, The.

Armour and Company, Chicago, Ill. Coating composition. Serial No. 527,869, Sept. 7. Class 6.

Armour and Company, Chicago, Ill. Strings for tennis, badminton and squash rackets. Serial No. 528,415, Sept. 7. Class 22.

Armour and Company, Chicago, Ill. Blood resin adhesive compositions. Serial No. 538,848, Sept. 7. Class 5.

Asher & Boretz, Inc., New York, N. Y. Plastic-coated cotton fabrics. Serial No. 521,235, Sept. 7. Class 42.

Atlantic Mercantile Company, New York, N. Y. Waterproof material. Serial No. 547,887, Sept. 7. Class 42.

B. & B. Products Company, Mishawaka, Ind., Cleaning compound. Serial No. 543,410, Sept. 7. Class 4.

Baird, William M., Chicago, Ill. Refrigerated locker units. Serial No. 528,246, Sept. 7. Class 31.

Baldwin Company, The, Cincinnati, Ohio. Electric musical instruments. Serial No. 525,183, Sept. 7. Class 36.

Bangert, Harold W., doing business as Pantato Company, Fargo, N. Dak. Washed and graded potatoes. Serial No. 505,094, Sept. 7. Class 46.

Barbet Mills, Incorporated, Gastonia, N. C. Knitted fabrics. Serial No. 535,457, Sept. 7. Class 42.

Baron, H., & Co., Inc., Linden, N. J. Flavoring extracts and syrup. Serial No. 533,529, Sept. 7. Class 45.

Barrett Textile Corporation, New York, N. Y. Plastic coated textile fabrics, in the piece. Serial No. 517,399, Sept. 7. Class 42.

Becken, A. C., Co., Chicago, Ill. Jewelry. Serial No. 543,008, Sept. 7. Class 28.

Benrose Fabrics Corporation, New York, N. Y. Textile fabrics in the piece. Serial No. 536,484, Sept. 7. Class 42.

Benrose Fabrics Corporation, New York, N. Y. Textile fabrics in the piece. Serial No. 536,487, Sept. 7. Class 42.

Berlinger, Joseph, Co., New York, N. Y. Piece goods of rayon. Serial No. 537,966, Sept. 7. Class 42.

Bertauche, Maurice, San Anselmo, Calif. Hollandaise sauce, bearnaise sauce, and canned babas in rum (French rum cakes) Serial No. 530,457, Sept. 7. Class 46.

Betty Fashions, Inc., New York, N. Y. Ladies' coats and suits. Serial No. 531,992, Sept. 7. Class 39.

Bexatol Vitamin Products: *See*—
Carbonaro, Frank.

Biltwell Company, Inc., St. Louis, Mo. Men's trousers. Serial No. 534,984, Sept. 7. Class 39.

Bledsoe, Forrest W., doing business as Bledsoe Sanitary Service, Columbus, Ohio. Bacteria-producing mixture. Serial No. 554,466, Sept. 7. Class 6.

Bledsoe Sanitary Service: *See*—
Bledsoe, Forrest W.

Blumenstein, Ross & Lentz, New York, N. Y. Ladies' suits, dresses and blouses. Serial No. 545,223, Sept. 7. Class 39.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. Serial No. 530,282, Sept. 7. Class 42.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. Serial No. 530,288, Sept. 7. Class 42.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. Serial No. 530,293, Sept. 7. Class 42.

Boland Mfg. Co., Chicago, Ill. Window curtains, window draperies, crib sheets, etc. Serial No. 521,239, Sept. 7. Class 42.

Bomse, H., & Bro., Inc., Philadelphia, Pa. Ladies' and misses' coats, suits and dresses. Serial No. 544,971, Sept. 7. Class 39.

Bone Dry Shoe Mfg. Co., Tacoma, Wash. Leather logger shoes. Serial No. 533,840, Sept. 7. Class 39.

Boonton Full Fashion Hosiery Mills, Boonton, N. J. Hosiery. Serial No. 531,295, Sept. 7. Class 39.

Boots Pure Drug Company Limited, Nottingham, England. Pharmaceutical preparations of sulphathiazole compound. Serial No. 509,691, Sept. 7. Class 6.

Boston Top Lift Company, The: *See*—
Freedman, Harry.

British Music & Tennis Strings Limited, London, England. Strings for musical instruments. Serial No. 538,715, Sept. 7. Class 36.

Brizel Leather Corporation, New York, N. Y. Leather bands for caps and hats. Serial No. 544,535, Sept. 7. Class 39.

Brookfield Laboratories, Brookfield, Ill. Ointment. Serial No. 532,553, Sept. 7. Class 6.

Brookfield Mills, Inc., East Brookfield, Mass. Coated cotton piece goods. Serial No. 538,716, Sept. 7. Class 42.

Bulova Watch Company, Inc., New York, N. Y. Watches. Serial No. 523,738, Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. Serial No. 523,739, Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. Serial No. 523,748, Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. Serial No. 523,749, Sept. 7. Class 27.

Burgio Bros., Inc., New York, N. Y. Hosiery. Serial No. 537,141, Sept. 7. Class 39.

Burlingham, E. F., & Sons, Forest Grove, Oreg. Grass, field, and vegetable seeds. Serial No. 531,645, Sept. 7. Class 1.

Burlington Mills Corporation, Greensboro, N. C. Cotton yarns. Serial No. 546,357, Sept. 7. Class 43.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. Serial No. 535,796, Sept. 7. Class 1.

Calico Printers' Association Limited, The, Manchester, England. Piece goods of cotton, silk, rayon, etc. Serial No. 549,507, Sept. 7. Class 42.

Campana Corporation, Batavia, Ill. Facial make-up preparation. Serial No. 534,600, Sept. 7. Class 6.

Carbonaro, Frank, doing business as Bexatol Vitamin Products, Auburn, N. Y. Pharmaceutical preparation. Serial No. 540,382, Sept. 7. Class 6.

Carner & McKewen: *See*—
McKewen, George E.

Carvin, Charles W., Co., Inc.: *See*—
Pondel Fabrics, Inc.

Central Laboratories: *See*—
Marchetta, Joseph A.

Central Petroleum Company, Cleveland, Ohio. Lubricating oils and greases. Serial No. 485,751, Sept. 7. Class 15.

Chicago Bridge & Iron Company, Chicago, Ill. Steel tanks. Serial No. 528,385, Sept. 7. Class 2.

Chicago Carton Company, Chicago, Ill. Cartons. Serial No. 527,624, Sept. 7. Class 2.

Chicago Electric Manufacturing Company, Chicago, Ill. Portable laundry wringers. Serial No. 529,361, Sept. 7. Class 24.

Chicago Electric Manufacturing Company, Chicago, Ill. Portable laundry wringers. Serial No. 529,364, Sept. 7. Class 24.

Chippewa Springs Corporation, Minneapolis, Minn. Malt-less soft drink beverage. Serial No. 535,811, Sept. 7. Class 45.

Chippewa Springs Corporation, Minneapolis, Minn. Natural spring water, etc. Serial No. 536,812, Sept. 7. Class 45.

Clark, Robert H., doing business as Robert H. Clark Company, Beverly Hills, Calif. Hand manipulable can openers. Serial No. 527,877, Sept. 7. Class 23.

Clark, Robert H., Company: *See*—
Clark, Robert H.

Club Plan Sales Co.: *See*—
Lisko, S. J.

Cochin, J. D., Manufacturing Co.: *See*—
Cochin, John D.

Cochin, John D., doing business as J. D. Cochin Manufacturing Co., South San Francisco, Calif. Automotive service equipment. Serial No. 517,620, Sept. 7. Class 23.

Cohen, B., & Sons, Woonsocket, R. I. Reprocessed and reused wool. Serial No. 539,394, Sept. 7. Class 1.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Synthetic detergent. Serial No. 546,956, Sept. 7. Class 4.

Columbia Records Inc., Bridgeport, Conn. Phonograph needles. Serial No. 532,804, Sept. 7. Class 36.
Cone Export and Commission Co., Inc., New York, N. Y. Cotton piece goods. Serial No. 546,649, Sept. 7. Class 42.
Conn, C. G., Ltd., Elkhart, Ind. Fishing-tackle boxes. Serial No. 529,529, Sept. 7. Class 22.
Continental Distilling Corporation, Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 526,594, Sept. 7. Class 49.
Cooper, Wells & Co., St. Joseph, Mich. Hosiery. Serial No. 533,273, Sept. 7. Class 39.
Coward Shoe, Inc., The, New York, N. Y. Shoes. Serial No. 528,855, Sept. 7. Class 39.
Cox, George S., doing business as Geo. S. Cox Mfg. Co., St. Louis, Mo. Game boards. Serial No. 541,408, Sept. 7. Class 22.
Cox, Geo. S., Mfg. Co.: *See*— Cox, George S.
Crib-Derby Co., The, St. Paul, Minn. Cribbage boards. Serial No. 517,836, Sept. 7. Class 22.
Crookes Laboratories, Inc., New York, N. Y. Nasal decongestant. Serial No. 541,520, Sept. 7. Class 6.
Crucible Steel Company of America, New York, N. Y. Precision castings. Serial No. 547,236, Sept. 7. Class 14.
Dan-Mar Trouser Company, Baltimore, Md. Men's and boys' suits, trousers, and sportswear. Serial No. 513,032, Sept. 7. Class 39.
Dant & Russell, Inc., Portland, Oreg. Lightweight plaster aggregate, lightweight concrete aggregate, etc. Serial No. 539,668, Sept. 7. Class 12.
Debutante Sportswear: *See*— Debutante Sportswear, Inc.
Debutante Sportswear, Inc., doing business as Debutante Sportswear, Chicago, Ill. Women's sport dresses. Serial No. 523,948, Sept. 7. Class 39.
Delaware Tool Steel Corportaion, Wilmington, Del. Bar tool steel. Serial No. 547,976, Sept. 7. Class 14.
Denison Mattress Factory, Denison, Tex. Mattress covers, window curtains, draperies, etc. Serial No. 548,809, Sept. 7. Class 42.
Denver Chemical Manufacturing Company, The, New York, N. Y. Medicated rub. Serial No. 550,030, Sept. 7. Class 6.
Dextone Company, The, New Haven, Conn. Articles made from artificial stone. Serial No. 541,653, Sept. 7. Class 12.
Diebold, Incorporated, Canton, Ohio. Storage files. Serial No. 530,388, Sept. 7. Class 32.
Distillation Products, Inc., Wilmington, Del., and Rochester, N. Y. Vitamin preparations. Serial No. 534,005, Sept. 7. Class 6.
Distillers Corporation: *See* — Roma Wine Company.
Diversey Corporation, The, Chicago, Ill. Alkaline product. Serial No. 522,735, Sept. 7. Class 6.
Dixie Medicine Co., Inc., Morrison, Tenn. Laxative and stomachic. Serial No. 535,835, Sept. 7. Class 6.
Doherty, Frank J., doing business as Doherty Hosiery Co., New York, N. Y. Hosiery. Serial No. 537,298, Sept. 7. Class 39.
Doherty Hosiery Co.: *See*— Doherty, Frank J.
Doray Lamp Co., Inc., Chicago, Ill. Motor vehicle accessories. Serial No. 538,731, Sept. 7. Class 21.
Dorgin Textile Corporation, New York, N. Y. Yarn. Serial No. 548,941, Sept. 7. Class 43.
Dowst Manufacturing Company, Chicago, Ill. Miniature toys. Serial No. 530,477, Sept. 7. Class 22.
Ducharne, F., Silk Co., Inc., New York, N. Y. Fabrics in the piece. Serial No. 509,078, Sept. 7. Class 42.
Duke Manufacturing Co., St. Louis, Mo. Electrical apparatus. Serial No. 527,100, Sept. 7. Class 21.
Dumari Textile Co., Inc., New York, N. Y. Muslin in the piece. Serial No. 525,801, Sept. 7. Class 42.
Durene Association of America, New York, N. Y. Yarns. Serial No. 550,316, Sept. 7. Class 43.
Dwyer, F. W., Manufacturing Company: *See*— Dwyer, Frank W.
Dwyer, F. W., Mfg. Co., assignee: *See*— Dwyer, Frank W.
Dwyer, Frank W., doing business as F. W. Dwyer Manufacturing Company, assignor to F. W. Dwyer Mfg. Co., Chicago, Ill. Draft gauges. Serial No. 525,072, Sept. 7. Class 26.
Eagle-Flagg Tanning Corporation, New York, N. Y. Upper leathers. Serial No. 540,056, Sept. 7. Class 1.
Educational Research Laboratories: *See*— Sadony, Arthur J.
Edwards, J., & Co., Philadelphia, Pa. Leather shoes. Serial No. 522,731, Sept. 7. Class 39.
Eliscu & Company, Inc., New York, N. Y. Floatable toys comprising various shapes. Serial No. 518,074, Sept. 7. Class 22.
Ellanam Adjustable Dress Form Co., Inc., Brooklyn, N. Y. Dress forms. Serial No. 543,424, Sept. 7. Class 50.
Ellen Bra Corp., New York, N. Y. Brassières. Serial No. 544,987, Sept. 7. Class 39.
Elm Coated Fabrics Co., New York, N. Y. Plastic film, in the piece. Serial No. 539,947, Sept. 7. Class 42.
Empire Crafts Corporation, Newark, N. Y. Silver plated flat tableware. Serial No. 496,549, Sept. 7. Class 28.
Eureka Vacuum Cleaner Company, Detroit, Mich., assignor to Eureka Williams Corporation. Lubricating grease. Serial No. 461,684, Sept. 7. Class 15.
Eureka Williams Corporation, assignee: *See*— Eureka Vacuum Cleaner Company.
Ev-Air Cosmetic Co.: *See*— Marlow, Swain S.
Everfast Fabrics, Inc., New York, N. Y. Linen, cotton, silk, etc., piece goods. Serial No. 546,206, Sept. 7. Class 42.
Ever Ready Calendar Manufacturing Company, Jersey City, N. J. Calendar and desk pads. Serial No. 530,393, Sept. 7. Class 37.
Famous Lady, Woodbine, N. J. Women's suits and coats. Serial No. 544,716, Sept. 7. Class 39.
First Texas Chemical Mfg. Co., Dallas, Tex. Pharmaceutical preparation in the form of capsules. Serial No. 523,952, Sept. 7. Class 6.
Fleisher Yarns, Inc., Long Island City, N. Y. Art needlework yarns. Serial No. 548,649, Sept. 7. Class 43.
Focosi, Joseph, assignee: *See*— Muto, John.
Food Display Cover Company, Inc., Indianapolis, Ind. Transparent covered frames and racks. Serial No. 518,884, Sept. 7. Class 32.
Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 538,517, Sept. 7. Class 42.
Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 538,520, Sept. 7. Class 42.
Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 538,522, Sept. 7. Class 42.
Foster, Benjamin, Company, Philadelphia, Pa. Linoleum cement. Serial No. 519,806, Sept. 7. Class 6.
Freedman, Harry, doing business as The Boston Top Lift Company, Boston, Mass. Leather top lifts and heels. Serial No. 509,629, Sept. 7. Class 39.
Fulton Specialty Co., Elizabeth, N. J. Dater stamps. Serial No. 533,297, Sept. 7. Class 37.
Garrison Machine Works, Inc., Dayton, Ohio. Box-like temperature controlled cabinets. Serial No. 481,322, Sept. 7. Class 26.
General Dyestuff Corporation, New York, N. Y. Dyestuffs. Serial No. 512,328, Sept. 7. Class 6.
Gifford & Sons, C. M., San Diego, Calif. Canned olives. Serial No. 532,220, Sept. 7. Class 46.
Gisholt Machine Company, Madison, Wis. Machines. Serial Nos. 507,981–2, Sept. 7. Class 26.
Gladding, B. F., & Co. Inc., South Otselic, N. Y. Fishing lines. Serial No. 527,069, Sept. 7. Class 22.
Gray & Co., Minneapolis, Minn. Tanks fitted with lead lines, valves, and for the individual containers. Serial Nos. 480,902–3, Sept. 7. Class 31.
Gray Envelope Manufacturing Company, Inc., The, Brooklyn, N. Y. Writing paper and envelopes. Serial No. 542,228, Sept. 7. Class 37.
Greenberg-Fisch Hat Co., New York, N. Y. Ladies' hats. Serial No. 524,454, Sept. 7. Class 39.
Grigsby, Bertram J., Chicago, Ill. Publication. Serial No. 517,056, Sept. 7. Class 38.
Haller Corporation, W. A., Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 528,791, Sept. 7. Class 49.
Hanzel, George, New York, N. Y. Drawings and advertising media. Serial No. 506,313, Sept. 7. Class 38.
Hard Manufacturing Company, Buffalo, N. Y. Furniture, beds, and nurses' beds, bed springs, etc. Serial No. 532,930, Sept. 7. Class 32.
Harper-Wyman Company, Chicago, Ill. Smokers' ash trays. Serial No. 518,293, Sept. 7. Class 8.
Hat Corporation of America, Norwalk, Conn. Men's hats and caps and hats for women. Serial No. 543,922, Sept. 7. Class 39.
Hat Corporation of America, Norwalk, Conn. Men's hats and caps and hats for women. Serial No. 544,733, Sept. 7. Class 39.
Hercules Powder Company, Wilmington, Del. Carboxymethyl cellulose. Serial No. 543,181, Sept. 7. Class 6.
Hildersine Company Limited, The, Shirley, Croydon, England. Resin. Serial No. 539,699, Sept. 7. Class 36.
Home Furnishings Style Council, The, New York, N. Y. Carpets and rugs, and for upholstery and drapery fabrics. Serial No. 517,133, Sept. 7. Class 42.
Honig, Herbert, doing business as Tutchon Products Co., New York, N. Y. Impregnated cleansing and polishing cloth and impregnating compound therefor. Serial No. 545,985, Sept. 7. Class 4.
Horrocks-Ibbotson Company, Utica, N. Y. Fishing rods and poles, fishing reels, etc. Serial No. 513,418, Sept. 7. Class 22.
Hugh Nelson-Columbia Carpet Mills, Inc., Philadelphia, Pa. Textile rugs and carpets. Serial No. 534,801, Sept. 7. Class 42.
Ideal Novelty & Toy Co., Hollis, N. Y. Dolls. Serial No. 535,323, Sept. 7. Class 22.
Inderrieden Co., Chicago, Ill. Canned vegetables. Serial No. 516,847, Sept. 7. Class 46.
Innis, Speiden & Co., New York and Niagara Falls, N. Y. Portable hand and wheel mounted power operated machines. Serial No. 530,511, Sept. 7. Class 23.
Interchemical Corporation, New York, N. Y. Table, shelf, stair, floor, and wall oilcloth. Serial No. 519,666, Sept. 7. Class 50.

Inter-Communication System of America, Inc., Chicago, Ill. Wired and wireless two-way electrical loudspeaker. Serial No. 530,203, Sept. 7. Class 21.
International Commercial Co., Inc., now by change of name International Packers Commercial Co., Inc., Chicago, Ill. Beef and sheep casings used for sausage containers. Serial No. 534,534, Sept. 7. Class 46.
International Packers Commercial Co., Inc.: *See*— International Commercial Co., Inc.
International Products Corporation, New York, N. Y. Tanning extracts. Serial No. 530,514, Sept. 7. Class 6.
J & J Distributing Company, Newark, N. J. Brandy, whiskey, and rum. Serial No. 533,027, Sept. 7. Class 49.
Jantzen Knitting Mills, assignor to Jantzen Knitting Mills Inc., Portland, Oreg. Woven textile fabric. Serial No. 515,117, Sept. 7. Class 42.
Jantzen Knitting Mills Inc., assignee: *See*— Jantzen Knitting Mills.
Jersee Company, The, Minneapolis, Minn. Concentrated food product. Serial No. 539,593, Sept. 7. Class 46.
Johnson Biscuit Company, Sioux City, Iowa. Bread. Serial No. 530,515, Sept. 7. Class 46.
Johnson, J. Oliver, Seed Company, Chicago, Ill. Grass seed. Serial No. 539,881, Sept. 7. Class 1.
Jones, Frank, Brewing Company, Inc., Kittery, Maine, and Portsmouth, N. H. Ale. Serial No. 529,268, Sept. 7. Class 48.
Joseph, David J., Company, The, Cincinnati, Ohio. Fishing lures. Serial No. 534,023, Sept. 7. Class 22.
Kaufman and Ruderman Co., Inc., New York and Manhattan, N. Y. Ornamental pins and brooches. Serial No. 518,464, Sept. 7. Class 28.
Kaylon Incorporated, New York, N. Y. Women's and children's pajamas, pajama coats, beach coats, etc. Serial No. 536,532, Sept. 7. Class 39.
Keith, Theodore R., Nutley, N. J. Board game played with marbles. Serial No. 531,917, Sept. 7. Class 22.
Ken-Gord Mfg. Corp., Chicago Heights, Ill. Rayon fabrics. Serial No. 508,848, Sept. 7. Class 42.
Kern & Co. A.-G., Aarau, Switzerland. Objective lenses for photographic apparatus. Serial No. 498,562, Sept. 7. Class 26.
Kerr Glass Manufacturing Corporation, Sand Springs, Okla. Glass jars. Serial No. 533,173, Sept. 7. Class 33.
Kohnstamm, R. & A. (London), Inc., New York, N. Y. Leather. Serial No. 496,319, Sept. 7. Class 1.
Kroywen Coats Inc., New York, N. Y. Women's misses', and junior misses' coats. Serial No. 520,713, Sept. 7. Class 39.
Krueger, G., Brewing Company, Newark, N. J. Porter. Serial No. 531,489, Sept. 7. Class 48.
La Boheme Vineyards Company: *See*— Roma Wine Company.
Laher Spring and Tire Corporation, Oakland, Calif. Automobile batteries. Serial No. 539,178, Sept. 7. Class 21.
Lakeside Malleable Castings Company, Racine, Wis. Ferrous castings. Serial No. 510,258, Sept. 7. Class 14.
Lanteen Medical Laboratories, Inc., Chicago, Ill. Estrogenic substance for percutaneous therapy. Serial No. 510,093, Sept. 7. Class 6.
Laskin, Eugene B., doing business as Laskin Manufacturing Company, Baltimore, Md. Toy miniature gas engines. Serial No. 529,393, Sept. 7. Class 22.
Laskin Manufacturing Company: *See*— Laskin, Eugene B.
LeCourt, Jean-Louis, Co.: *See*— Parkinson, George R.
Lee, Guy, Leather Co., Inc., Philadelphia, Pa. Sole leather. Serial No. 502,441, Sept. 7. Class 1.
Lee Rubber and Tire Corporation, Conshohocken, Pa. Rubber cements. Serial No. 537,200, Sept. 7. Class 5.
Leichter, Emil, New York, N. Y. Watches. Serial No. 542,957, Sept. 7. Class 27.
Leland, G. H., Inc., Dayton, Ohio. Electrical devices. Serial No. 542,853, Sept. 7. Class 21.
Le Tourneau, R. G., Inc., Peoria, Ill. Trailer trucks and self-propelled load hauling trucks. Serial No. 511,688, Sept. 7. Class 19.
Levich, Solomon H., doing business as American Spring Cushion Manufacturing Company, Denver, Colo. Mattress inner spring units, bed springs, and rollaway beds. Serial No. 529,415, Sept. 7. Class 32.
Linde Air Products Company, The, New York, N. Y. Refrigeration apparatus. Serial No. 486,625, Sept. 7. Class 31.
Lisko, S. J., doing business as Club Plan Sales Co., Youngstown, Ohio. Wool blankets and cotton rugs. Serial No. 494,453, Sept. 7. Class 42.
Logan, Walter A., doing business as Truecraft Mfg. Co., Pasadena, Calif. Buttons. Serial Nos. 549,813–14, Sept. 7. Class 40.
Louisville Textiles, Incorporated, Louisville, Ky. Upholstery, drapery, and decorative fabrics, in the piece. Serial No. 536,108, Sept. 7. Class 42.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections and liquid syrups or concentrates for making the same. Serial No. 535,331, Sept. 7. Class 46.
Luma-Nite Sales Products: *See*— Muto, John.
Maguire Industries, Incorporated, New York, N. Y., and Chicago, Ill. Electric transformers. Serial No. 528,936, Sept. 7. Class 21.
Manchester Hosiery Mills, Manchester, N. H. Women's hosiery. Serial No. 528,295, Sept. 7. Class 39.
Mantua Metal Products Company, assignor to Mantua Metal Products Co., Inc., Woodbury Heights, N. J. Model or miniature railway cars and equipment. Serial No. 513,323, Sept. 7. Class 22.
Mantua Metal Products Co., Inc., assignee: *See*— Mantua Metal Products Company.
Marcalus Manufacturing Co., Inc., East Paterson, N. J. Paper tissues in rolls, strips, and sheets, etc. Serial No. 491,663, Sept. 7. Class 37.
Marchette, Joseph A., doing business as Central Laboratories, Utica, N. Y. Wetting and emulsifying agent. Serial No. 541,153, Sept. 7. Class 4.
Markay Bags, Inc., New York, N. Y. Handbags. Serial No. 533,757, Sept. 7. Class 3.
Marks, I., & Son, Inc., New York, N. Y. Ladies' and misses' coats and jackets. Serial No. 545,379, Sept. 7. Class 39.
Marks, L. V., & Sons Company, The, Cincinnati, Ohio. Shoes of leather, fabric, and combinations of these materials. Serial No. 513,571, Sept. 7. Class 39.
Marlow, Swain S., doing business as Ev-Air Cosmetic Co., Tulsa, Oklahoma. Hair rinse. Serial No. 542,959, Sept. 7. Class 6.
Marshall Field & Company, Chicago, Ill. Woolen blankets; window curtains and drapes of cotton or rayon, etc. Serial No. 541,825, Sept. 7. Class 42.
Matthews, W. N., Corporation, St. Louis, Mo. Electrical cutouts. Serial No. 522,896, Sept. 7. Class 21.
Matthews, W. N., Corporation, St. Louis, Mo. Electrical line construction supplies. Serial No. 527,214, Sept. 7. Class 21.
McCrossen Handwoven Textiles, Inc., Santa Fe, N. Mex. Men's scarfs and neckties. Serial No. 511,028, Sept. 7. Class 39.
McKewen, George E., doing business as Carner & McKewen, Baltimore, Md. Children's bibs, aprons, and bib-aprons. Serial No. 513,187, Sept. 7. Class 39.
Mead Johnson & Company, Evansville, Ind. Specially prepared cereal foods. Serial No. 541,757, Sept. 7. Class 46.
Meier, Inc., Detroit, Mich. Filters and filter elements. Serial No. 514,210, Sept. 7. Class 31.
Memindex, Wilson Company, Rochester, N. Y. Loose-leaf daily memorandum card system. Serial No. 511,916, Sept. 7. Class 37.
Mendenhall, J. C., Medicine Co., Incorporated, Mt. Vernon, Ind. Malaria chill and fever tonic. Serial No. 547,014, Sept. 7. Class 6.
Merchants Chemical Company, The, Stamford, Conn. Protective resinous coating composition in the nature of paint. Serial No. 513,437, Sept. 7. Class 16.
Mergott, J. E., Co., The, Newark, N. J. Cigarette package holding-case. Serial No. 541,317, Sept. 7. Class 8.
Mexico Refractories Company, Mexico, Mo. Firebrick. Serial No. 542,038, Sept. 7. Class 12.
Mexico Refractories Company, Mexico, Mo. Firebrick. Serial No. 542,042, Sept. 7. Class 12.
Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Rubber and leather boots. Serial No. 530,101, Sept. 7. Class 39.
Modern Hygiene Corporation, Boston, Mass. Electric vacuum cleaners. Serial No. 537,810, Sept. 7. Class 21.
Modern Venetian Blinds, Inc., New York, N. Y. Venetian blinds. Serial No. 536,945, Sept. 7. Class 32.
Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. Serial No. 554,582, Sept. 7. Class 6.
Mount Airy Knitting Company, The, Mt. Airy, N. C. Infants' and children's clothing. Serial No. 514,127, Sept. 7. Class 39.
Muto, John, doing business as Luma-Nite Sales Products, assignor to Joseph Focosi, Chicago, Ill. Magnetically attachable electric trouble lights. Serial No. 540,304, Sept. 7. Class 21.
N. R. K. Mfg. & Engineering Co., assignor to N. R. K. Mfg. & Engineering Co., Chicago, Ill. Hand operated plastic injection molding machines. Serial No. 514,132, Sept. 7. Class 23.
National Chemical & Manufacturing Company, Chicago, Ill. Colored plaster. Serial No. 529,919, Sept. 7. Class 12.
National Engineering & Equipment Company, Providence, R. I. Waste heat economizers. Serial No. 541,694, Sept. 7. Class 34.
National Lock Company, Rockford, Ill. Screws. Serial No. 521,675, Sept. 7. Class 13.
National Nugrape Company, Atlanta, Ga. Nonalcoholic, maltless beverage. Serial No. 523,410, Sept. 7. Class 45.
National Paper Corporation of Pennsylvania, Ransom, Pa. and New York, N. Y. Paper towels, paper napkins, toilet tissue and facial tissue. Serial No. 519,973, Sept. 7. Class 37.
Neuman and Schwiers Company, The, New York, N. Y. Canned food products. Serial No. 489,235, Sept. 7. Class 46.
Nicholson Company, H. R., Baltimore, Md. Non-alcoholic, maltless beverage. Serial No. 534,498, Sept. 7. Class 45.

Nixon, George C., doing business as The Steel Treating Equipment Co., Dearborn, Mich. Grain cement. Serial No. 509,025, Sept. 7. Class 5.
Non Pareil Publishing Corporation, New York, N. Y. Magazine or publication. Serial No. 511,634, Sept. 7. Class 38.
Noreen, Inc., Denver, Colo. Hair coloring rinses. Serial No. 541,169, Sept. 7. Class 6.
Oakes & Company, Chicago, Ill. Radio receiving sets and parts thereof. Serial No. 540,561, Sept. 7. Class 21.
O'Hanlon, Wm., & Co. Limited, Manchester, England. Piece goods, comforts, bedspreads, etc. Serial No. 539,202, Sept. 7. Class 42.
Old Town Company, The, Old Town, Mo., assignor to Stevens & Thompson Paper Co., Greenwich, N. Y. Paper plates. Serial No. 537,493, Sept. 7. Class 2.
Oneida Ltd., Oneida and Sherrill, N. Y. Silverplated flat and hollow tableware. Serial No. 544,185–6, Sept. 7. Class 28.
Pacific Mills, New York, N. Y., and Boston, Mass. Sheets and pillow cases. Serial No. 547,871, Sept. 7. Class 42.
Palm Brothers Decalcomania Company, The. Decalcomanias. Serial No. 535,598, Sept. 7. Class 38.
Pantato Company: *See*—
Bangert, Harold W.
Parkinson, George R., doing business as Jean-Louis Le-Court Co., New York, N. Y. Perfumes. Serial No. 532,489, Sept. 7. Class 6.
Paxtrol Mfg. Co., Detroit, Mich. Paint applicator of the roller fountain type. Serial No. 540,703, Sept. 7. Class 29.
Peat Moss Sales Corporation, New York, N. Y. Peat moss. Serial No. 513,200, Sept. 7. Class 10.
Penn Tobacco Company, Wilkes-Barre, Pa. Smoking and chewing tobacco. Serial No. 539,752, Sept. 7. Class 17.
Pennzoil Company, The, Oil City, Pa. Electrically operated time controlled follow-up card holding and designating machines. Serial No. 514,133, Sept. 7. Class 26.
Pepperell Manufacturing Company, Boston, Mass. Sheets and pillow cases, blankets, etc. Serial No. 516,570, Sept. 7. Class 42.
Perfect Circle Corporation, Hagerstown, Ind. Plastic gauging material. Serial No. 521,820, Sept. 7. Class 26.
Pfeiffer, S. Mfg. Co., St. Louis, Mo. Preparation for the relief of chapped lips, cold sores and fever sores. Serial No. 537,730, Sept. 7. Class 6.
Pignons, S. A., Ballaigues, Switzerland. Photographic apparatus, and accessories. Serial No. 512,088, Sept. 7. Class 26.
Pine Tree Milking Machine Co., Chicago, Ill. Milking machines and parts thereof. Serial No. 537,730, Sept. 7. Class 23.
Plastic Coating Corporation, The, Holyoke, Mass. Coated cover and label papers. Serial No. 529,403, Sept. 7. Class 37.
Plastic Sheet Fabrication, Inc., New York, N. Y. Heat insulating containers of plastic sheeting and insulating material. Serial No. 536,546, Sept. 7. Class 2.
Plastomic Products Co., Inc., New York, N. Y. Toys, Serial No. 508,243, Sept. 7. Class 22.
Platka, R. T., Fuels, Inc., Burlington, Vt. Coal. Serial No. 519,978, Sept. 7. Class 1.
Platka, R. T., Fuels, Inc., Burlington, Vt. Coal. Serial No. 519,979, Sept. 7. Class 1.
Pola-Rona Co., Dorchester and Boston, Mass. Fresh fruit beverages. Serial No. 531,516, Sept. 7. Class 45.
Pondel Fabrics, Inc., assignor to Charles W. Carvin Co., Inc., New York, N. Y. Fabrics in the piece made of rayon. Serial No. 546,604, Sept. 7. Class 42.
Pressing Supply Company, Philadelphia, Pa. Ironing board pads and ironing board pad covers. Serial No. 516,571, Sept. 7. Class 24.
Procter & Gamble Company, The, Cincinnati, Ohio. Cosmetic creams, shampoos, hair preparations, etc. Serial No. 536,446, Sept. 7. Class 6.
Pure Oil Company, The, Chicago, Ill. Lubricating oils and greases. Serial No. 527,282, Sept. 7. Class 15.
Pure Oil Company, The, Chicago, Ill. Chemical compounds. Serial No. 538,812, Sept. 7. Class 6.
Rand Mc Nally and Company, Chicago, Ill. Books, particularly children's books. Serial No. 521,926, Sept. 7. Class 38.
Rankin, Edith M., Lexington, Ky. Stationery. Serial No. 535,181, Sept. 7. Class 37.
Ranney Refrigerator Company, Greenville, Mich. Household electric refrigerators. Serial No. 532,960, Sept. 7. Class 31.
Raven Recordings Company, Philadelphia, Pa. Mechanical grooved records. Serial No. 536,135, Sept. 7. Class 36.
Raven, W., & Co., Limited, Leicester, England. Men's half-hose. Serial No. 537,504, Sept. 7. Class 39.
Ray-Control Company, Pasadena, Calif. Optical elements. Serial No. 492,222, Sept. 7. Class 26.
Reister, Aline M., Detroit, Mich. Dolls. Serial No. 525,679, Sept. 7. Class 22.
Reliance Gauge Column Company, The, Cleveland, Ohio. Liquid level gauges and indicators, parts and fittings thereof. Serial No. 529,696, Sept. 7. Class 26.
Research Products Corporation, Madison, Wis. Air filters. Serial No. 530,764, Sept. 7. Class 31.
Reynolds Manufacturing Company, The, Holyoke, Mass. Stenographers books, notebooks, composition and writing books. Serial No. 530,960, Sept. 7. Class 37.
Rock-Ola Manufacturing Corporation, Chicago, Ill. Weighing scales. Serial No. 541,785, Sept. 7. Class 26.
Roma Wine Company, doing business as La Boheme Vineyards Company, Fresno, Calif., assignor by mesne assignments to Distillers Corporation, New York, N. Y. Wines. Serial No. 518,429, Sept. 7. Class 47.
Rosenfeld, Harry, Inc., New York, N. Y. Handbags, pocketbooks and purses. Serial No. 550,074, Sept. 7. Class 3.
Ross-Meehan Foundries, Chattanooga, Tenn. Stoves. Serial No. 541,463, Sept. 7. Class 34.
Ruggiero, Ferdinand, Inc., Boston, Mass. Cosmetics. Serial No. 498,652, Sept. 7. Class 6.
Sachnenko, Christina, New York, N. Y. Mustard. Serial No. 535,750, Sept. 7. Class 46.
Sadony, Arthur J., doing business as Educational Research Laboratories, Montague, Mich. Toy airplanes, darts and flying projectiles. Serial No. 502,720, Sept. 7. Class 22.
Safir Plan, Inc., New York, N. Y. Men's and women's lounging robes. Serial No. 533,686, Sept. 7. Class 39.
St. Louis Macaroni Mfg. Co., Inc., St. Louis, Mo. Soup noodles. Serial No. 490,341, Sept. 7. Class 46.
St. Paul & Tacoma Lumber Co., Tacoma, Wash. Lumber and lumber products. Serial No. 533,941, Sept. 7. Class 12.
Salem Company Incorporated, The, Winston-Salem, N. C. Men's, women's and children's work clothes. Serial No. 525,496, Sept. 7. Class 39.
Sayles Finishing Plants, Inc., Saylesville, R. I. Cotton piece goods. Serial No. 538,663, Sept. 7. Class 42.
Scharf Brenner Manufacturing Company, Philadelphia, Pa. Junior misses' dresses. Serial No. 537,365, Sept. 7. Class 39.
Scherer Corporation, R. P., Detroit, Mich. Hypodermic injection devices. Serial No. 545,040, Sept. 7. Class 44.
Schering Corporation, Bloomfield, N. J. Medicinal preparation. Serial No. 530,774, Sept. 7. Class 6.
Schmidt and Sons, C., Incorporated, Philadelphia, Pa. Beer, ale, bock beer, etc. Serial No. 528,746, Sept. 7. Class 48.
Seidelmann, Ernst, Corporation, New York, N. Y. Rough and dressed lumber. Serial No. 537,943, Sept. 7. Class 12.
Seidlitz Paint & Varnish Co., Kansas City, Mo. Paints in paste or semi-paste form, and varnish. Serial No. 536,146, Sept. 7. Class 16.
Select Sportswear, Inc., New York, N. Y. Knitted sportswear. Serial No. 534,377–8, Sept. 7. Class 39.
Selig Company, The, Atlanta, Ga. Sanitary floor oil. Serial No. 488,619, Sept. 7. Class 16.
Semler, R. B., Inc., New Canaan, Conn. Preparation for shampoo. Serial No. 520,973, Sept. 7. Class 6.
Shell Oil Company, Incorporated, San Francisco, Calif. Insecticides. Serial No. 554,331, Sept. 7. Class 6.
Sherwin-Williams Company, The, Cleveland, Ohio. Measuring machines and instruments for paints. Serial No. 524,736, Sept. 7. Class 26.
Sherwin-Williams Company, The, Cleveland, Ohio. Cloth. Serial No. 524,740, Sept. 7. Class 42.
Sherwin-Williams Company, The, Cleveland, Ohio. Vegetable seed meals. Serial No. 524,741, Mar. 7. Class 46.
Sherwin-Williams Company, The, Cleveland, Ohio. Brass polish, liquid paste or semi-paste. Serial No. 540,912, Sept. 7. Class 4.
Shirley Fabrics Corp., New York, N. Y. Textile fabrics in the piece of cotton, rayon, wool, etc. Serial No. 547,670, Sept. 7. Class 42.
Shore, Sol, and Company, Philadelphia, Pa. Cotton textile piece goods. Serial No. 507,658, Sept. 7. Class 42.
Sigel, M., & Sons, Boston, Mass. Woolen and worsted apparel fabrics. Serial No. 540,464, Sept. 7. Class 42.
Signal Electric Manufacturing Co., Menominee, Mich. Electric air circulating fans. Serial No. 533,410, Sept. 7. Class 21.
Sinclair, H. M., Jr., trustee for The Sinclair Manufacturing Company, Toledo, Ohio. Caustic soda. Serial No. 527,006, Sept. 7. Class 6.
Sinclair Manufacturing Company, trustee for The: *See*—
Sinclair, H. M., Jr.
Smith, H. E., Company, The, Newark, N. J. Stencils for duplicating machines. Serial No. 532,510, Sept. 7. Class 37.
Smoot-Holman Company, Inglewood, Calif. Flood lighting equipment, mercury industrial ligating fixtures, fluorescent lighting fixtures, etc. Serial No. 535,190, Sept. 7. Class 21.
Societe a Responsabilite Limitee Parfums Germaine Lecomte, Paris, France. Perfumes, toilet water, cologne, etc. Serial No. 532,348, Sept. 7. Class 6.
Societe a Responsabilite Limitee, Societe Champelliere de Beauvais, Paris, France. Hats for men and women. Serial No. 512,715, Sept. 7. Class 39.
Somar Specialty Corp., Bridgeport, Conn. Tool handle. Serial No. 491,219, Sept. 7. Class 23.
Southern Advance Bag & Paper Co., Inc., Bangor, Maine, and Boston, Mass. Kraft wrapping paper. Serial No. 530,259, Sept. 7. Class 37.

Southern Box and Lumber Company, Wilmington, N. C. Plywood. Serial No. 495,517, Sept. 7. Class 12.
Spaulding & Company, Chicago, Ill. Articles formed of glass. Serial No. 500,842, Sept. 7. Class 33.
Spencer Chemical Company, Kansas City, Mo. Nitrogen solution. Serial No. 526,501, Sept. 7. Class 6.
Spinnerin Yarn Co., Inc., South Hackensack, N. J., and New York, N. Y. Yarn. Serial No. 549,761, Sept. 7. Class 43.
Spinnerin Yarn Co., Inc., South Hackensack, N. J., and New York, N. Y. Yarn. Serial No. 549,762, Sept. 7. Class 43.
Sport Products, Inc., Cincinnati, Ohio. Tennis rackets. Serial No. 530,978, Sept. 7. Class 22.
Star Equipment Corporation, Bloomfield, N. J. Dry-cleaning machines. Serial No. 538,466, Sept. 7. Class 24.
Steel Treating Equipment Co., The: *See*—
Nixon, George C.
Steele, J. W., & Co., North Kansas City, Mo. Garment holding means. Serial No. 533,069, Sept. 7. Class 37.
Steven, Frank, Cosmetic Corporation, Chicago, Ill., assignor to Sol Morton. Hand cream. Serial No. 518,057, Sept. 7. Class 6.
Stevens & Thompson Paper Co., assignee: *See*—
Old Town Company, The.
Stix, Baer & Fuller Company, St. Louis, Mo. Necklaces. Serial No. 541,715, Sept. 7. Class 28.
Stoffel & Co., Inc., New York, N. Y. Fabrics in the piece, made of cotton. Serial No. 546,733, Sept. 7. Class 42.
Stoffel & Co., Inc., New York, N. Y. Fabrics in the piece, made of cotton. Serial No. 546,734, Sept. 7. Class 42.
Stratford Pen Corporation, New York, N. Y. Fountain pens and pencils. Serial No. 534,935, Sept. 7. Class 37.
Straus, Finlay, Inc., New York, N. Y. Men's suits, topcoats, overcoats, and sport coats. Serial No. 538,822, Sept. 7. Class 39.
Stylepark Hats, Inc., Philadelphia, Pa. Men's and women's hats. Serial No. 545,405, Sept. 7. Class 39.
Sun Chemical Corporation, New York, N. Y. Printing ink. Serial No. 511,969, Sept. 7. Class 11.
Superior Flux Company: *See*—
Uumer, William L.
Table Rock Laboratories, Inc., Greenville, S. C. Tablet. Serial No. 527,448, Sept. 7. Class 6.
Talon, Inc., Meadville, Pa. Pillow and mattress covers. Serial No. 527,901, Sept. 7. Class 42.
Teksun, Inc., West Los Angeles, Calif. Toy telephones Serial No. 516,647, Sept. 7. Class 22.
Texas Gulfstream Industries, Inc., Arkansas Pass, Tex. Frozen fresh shrimp. Serial No. 539,367, Sept. 7. Class 46.
Thomas Steel Company, The, Warren, Ohio. Plain cold-rolled strip steel; etc. Serial No. 539,814, Sept. 7. Class 14.
Transylvania Tanning Co., Brevard, N. C., and New York, N. Y. Sole leather. Serial No. 539,580, Sept. 7. Class 1.
Traver Corporation, Chicago, Ill. Plastic merchandise bags and envelopes. Serial No. 520,193, Sept. 7. Class 2.
Trimm, Inc., Libertyville, Ill. Radio and telephone headsets and earphones, group hearing aids. Serial No. 538,676, Sept. 7. Class 21.
Truecraft Mfg. Co.: *See*—
Logan, Walter A.
Tucciarone, Biagio, & Co., Inc., New York, N. Y. Hair wigs, toupes, and human hair braids and curls. Serial No. 549,497, Sept. 7. Class 40.
Tutchon Products Co.: *See*—
Honig, Herbert.
Tuttle & Kift, Inc., Chicago, Ill. Electrical heating units, etc. Serial No. 520,480, Sept. 7. Class 21.
Ulmer, William L., doing business as Superior Flux Company, Cleveland, Ohio. Solder. Serial No. 512,874, Sept. 7. Class 14.
United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery, blouses, sunsuits, overalls, etc. Serial No. 533,647, Sept. 7. Class 39.
United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. Serial No. 533,648, Sept. 7. Class 39.
Urbana Manufacturing Company, Urbana, Ohio. Toy metal building sets. Serial No. 507,408, Sept. 7. Class 22.
Valley Packing Company, Salem, Oreg. Smoked bacon, smoked pork shoulder, and smoked hams. Serial No. 533,086, Sept. 7. Class 46.
Viking Refrigerators, Inc., Kansas City, Mo. Refrigerated display cases and refrigerators. Serial No. 545,200, Sept. 7. Class 31.
Vitron Corporation, The, Wilmington, Del. Woven, matted, and felted glass fiber cloth, in the piece, and floral ribbon in the bolt. Serial No. 513,915, Sept. 7. Class 42.
Walgreen Co., Chicago, Ill. Malted milk and ice cream. Serial No. 531,067, Sept. 7. Class 46.
Wallis, Marvin E., Salt Lake City, Utah. Thermoplastic wax sold in slab form. Serial No. 505,373, Sept. 7. Class 6.
Wamsutta Mills, New Bedford, Mass. Cotton piece goods, sheets, and pillow cases. Serial Nos. 540,742–3, Sept. 7. Class 42.
Wamsutta Mills, New Bedford, Mass. Sheets and pillow cases. Serial No. 540,744, Sept. 7. Class 42.
Ward Products Corporation, The, Cleveland, Ohio. Radio antenna. Serial No. 542,981, Sept. 7. Class 21.
Warren, S. D., Company, Boston, Mass. Printing paper. Serial No. 542,736, Sept. 7. Class 37.
Warren Trading Corporation, New York, N. Y. Watches. Serial No. 542,984, Sept. 7. Class 27.
Wayne Knitting Mills, Fort Wayne, Ind. Stockings. Serial No. 531,269, Sept. 7. Class 39.
Weber Costello Co., Chicago Heights, Ill. Writing boards. Serial No. 532,784, Sept. 7. Class 50.
Webster Electric Company, Racine, Wis. Inter-communicating sound amplifying and transmitting systems. Serial No. 538,058, Sept. 7. Class 21.
Weil-McLain Company, Chicago, Ill. Space heating radiators and radiant energy space heaters. Serial No. 541,897, Sept. 7. Class 34.
Weiner, Martin, doing business as Martin Weiner Co., New York, N. Y. Rayon piece goods. Serial No. 539,461, Sept. 7. Class 42.
Weiner, Martin, Co.: *See*—
Weiner, Martin.
Werk, Julius N., Fabrics, Inc., New York, N. Y. Piece goods. Serial No. 517,538, Sept. 7. Class 42.
Wheeling Corrugating Company, Wheeling, W. Va. Metal lath. Serial No. 537,529, Sept. 7. Class 12.
Wheeling Corrugating Company, Wheeling, W. Va. Stove pipe. Serial No. 537,532, Sept. 7. Class 34.
White, Morris, Fashions, Inc., New York, N. Y. Suede leather. Serial No. 536,658, Sept. 7. Class 1.
Whiting Paper Company, Holyoke, Mass. Printing and writing papers. Serial No. 528,900, Sept. 7. Class 37.
Wilson Memindex Company, Rochester, N. Y. Loose-leaf daily memorandum card system, etc. Serial No. 511,916, Sept. 7. Class 37.
Wire Rope Manufacturing & Equipment Company, Seattle, Wash. Wire rope. Serial No. 549,314, Sept. 7. Class 7.
Wollensak Optical Company, Rochester, N. Y. Photographic lenses. Serial No. 495,853, Sept. 7. Class 26.
Wood, T. W., & Sons, Richmond, Va. Lawn grass seed. Serial No. 536,328, Sept. 7. Class 1.
Wright & McGill Co., Denver, Colo. Fish hooks and artificial fish lures. Serial No. 531,071, Sept. 7. Class 22.
Wurlitzer, Rudolph, Company, The, Chicago, Ill. Pianos, piano accordions, and electronic organs. Serial No. 536,203, Sept. 7. Class 36.
Wyandotte Chemicals Corporation, Wyandotte, Mich. Acidic compound. Serial No. 533,095, Sept. 7. Class 6.
Wyandotte Chemicals Corporation, Wyandotte, Mich. Polyoxyalkylene glycols of relatively higher molecular weights. Serial No. 533,096, Sept. 7. Class 6.
Wyandotte Chemicals Corporation, Wyandotte, Mich. Acidic compound. Serial No. 533,100. Sept. 7. Class 6.
Wyandotte Chemicals Corporation, Wyandotte, Mich. Alkaline composition. Serial No. 533,103, Sept. 7. Class 6.
Wyeth Incorporated, Philadelphia, Pa. Combined penicillin-sulfathiazole preparation. Serial No. 543,249, Sept. 7. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbott Laboratories, North Chicago, Ill. Vitamin preparations. 395,164, May 12, 1942. Republished Sept. 7. Class 6.
Accmatool Co., Inc., New York, N. Y. Lawn sprinklers. 440,466, Sept. 7; Serial No. 509,684, published May 25, 1948. Class 13.
Ace Leather Goods Repair Service, Chicago, Ill. Repairing, refining and refinishing of leather goods. 502,039. Sept. 7; Serial No. 528,241, published Apr. 27, 1948. Class 55.
Addressograph Company, Chicago, Ill., by Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machines. 244,504, July 17, 1928. Republished Sept. 7. Class 23.
Addressograph-Multigraph Corporation: *See*—
Addressograph Company.
Admiral Corporation, Chicago, Ill. Phonograph needles. 440,438, Sept. 7; Serial No. 484,071, published June 1, 1948. Class 36.
Afro-American Company of Baltimore City, The, Baltimore, Md. Newspapers. 501,999, Sept. 7; Serial No. 529,124, published June 8, 1948. Class 38.
Air Reduction Sales Company, New York, N. Y. Hand-operated gas or liquid control valves. 440,468, Sept. 7; Serial No. 510,149, published Feb. 10, 1948. Class 13.
Albany Packing Co., Inc., West Albany, to Tobin Packing Co., Inc., Rochester, N. Y. Fresh, cured, and smoked pork sausage. 243,316, renewed June 19, 1948. O. G. Sept. 7. Class 46.

Albany Packing Co., Inc., West Albany, to Tobin Packing Co., Inc., Rochester, N. Y. Sausage; fresh, cured and smoked pork and beef; lard, butter, etc. 243,518, renewed June 26, 1948. O. G. Sept. 7. Class 46.

Albers Bros. Milling Co., San Francisco, Calif. Poultry foods. 263,661, Nov. 5, 1929. Corrected. O. G. Sept. 7. Class 46.

Albers Bros. Milling Co., San Francisco, Calif. Poultry foods. 266,004, Jan. 7, 1930. Corrected. O. G. Sept. 7. Class 46.

Albers Packing Company, Riverside, Calif., by Manner-Gulden-Annis, Inc., Brooklyn, N. Y. Canned olives. 280,986, Mar. 3, 1931. Republished Sept. 7. Class 46.

Alford Products Corporation, New York, N. Y. Wine and vermouth. 502,021, Sept. 7; Serial No. 532,985, published June 1, 1948. Class 47.

Alpha Portland Cement Company, to Alpha Portland Cement Company, Easton, Pa. Portland cement. 70,422, re-renewed Sept. 1, 1948. O. G. Sept. 7. Class 12.

Altenberg, George P., Cincinnati, Ohio, to The American Thermos Bottle Company, Norwich, Conn. Bottles and jars insulated. 70,444, re-renewed Sept. 1, 1948. O. G. Sept. 7. Class 2.

Aluminum Ore Company, to Aluminum Ore Company, Pittsburgh, Pa. Chemical composition. 234,040, renewed Oct. 18, 1947. O. G. Sept. 7. Class 6.

Alvos, Dell, Guadalupe, Calif. Sulphur dioxide. 431,879, Aug. 12, 1947. Republished Sept. 7. Class 6.

Amco Sports Distributors, St. Louis, Mo. Athletic and sporting goods. 502,016, Sept. 7; Serial No. 530,277, published May 25, 1948. Class 22.

American Brass Company, The, Waterbury, Conn. Bronze ingots, castings, pressed parts, etc. 250,026–7, renewed Nov. 27, 1948. O. G. Sept. 7. Class 14.

American Chain & Cable Company, Inc.: *See*—
Campbell, Andrew C., Inc.
Campbell, Andrew C., Incorporated.
Hazard Wire Rope Company.
Page Steel and Wire Company.

American Chain & Cable Company, Inc., Bridgeport, Conn. Abrasive cutting machine. 397,123, Aug. 18, 1942. Republished Sept. 7. Class 23.

American Chain & Cable Company, Inc., Bridgeport, Conn. Stranded metal wire rope and wire cable. 397,136, Aug. 18, 1942. Republished Sept. 7. Class 7.

American Chain & Cable Company, Inc., Bridgeport, Conn. Lawn mowers. 421,449, June 4, 1946. Republished Sept. 7. Class 23.

American Chain & Cable Company, Inc., Bridgeport, Conn. Lengths of wire rope provided with spliced eyes. 421,787, Jan. 18, 1946. Republished Sept. 7. Class 7.

American Chain & Cable Company, Inc., Bridgeport, Conn. Lawn mowers. 424,877, Oct. 29, 1946. Republished Sept. 7. Class 23.

American Hospital Association, Chicago, Ill. Monthly journal. 502,032, Sept. 7; Serial No. 537,647, published June 8, 1948. Class 38.

American Laundry Machinery Company, The, Cincinnati, Ohio. Laundry machinery. 502,023–4, Sept. 7; Serial Nos. 535,369–70, published June 1, 1948. Class 24.

American Laundry Machinery Company, The, Cincinnati, Ohio. Laundry machinery. 502,025, Sept. 7; Serial No. 535,372, published June 1, 1948. Class 24.

American Laundry Machinery Company, The, Cincinnati, Ohio. Dry-cleaning machinery or apparatus. 502,026, Sept. 7; Serial No. 535,376, published June 1, 1948. Class 24.

American Medical Glass Company, Washington, D. C. Glass wool. 502,043, Sept. 7; Serial No. 497,837. Class 1.

American Oil Corporation, The: *See*—
Burger-Adams Petroleum Company.

American Society of Tool Engineers, Inc., Detroit, Mich. Publication. 375,767, Feb. 27, 1940. Republished Sept. 7. Class 38.

American Telemeter Corporation, Boston, Mass. Meters and parts thereof and telemetric attachments. 440,476, Sept. 7; Serial No. 512,145, published May 25, 1948. Class 26.

American Thermos Bottle Company, The: *See*—
Altenberg, George P.

Ames Grain and Coal Company, Ames, Iowa. Coal. 246,488, Sept. 11, 1928. Republished Sept. 7. Class 1.

Andrews, A. B., Company, New York, N. Y., by Richmond Hosiery Mills, Rossville, Ga. Hosiery. 65,662, Oct. 15, 1907. Republished Sept. 7. Class 39.

Anglo-American Chemical Corp., Philadelphia, Pa., by The Lubrizol Corporation, Wickliffe, Ohio. Chlorinated paraffines. 318,228, Oct. 16, 1934. Republished Sept. 7. Class 6.

Antognoli, Joseph, & Co.: *See*—
Antognoli, Joseph, & Company.

Antognoli, Joseph, & Company, by Joseph Antognoli & Co., Chicago, Ill. Canned tomato paste and canned tuna fish. 278,258, Dec. 9, 1930. Republished Sept. 7. Class 46.

Antognoli, Joseph, & Company, Chicago, Ill. Canned fruits and vegetables, canned fish, ripe olives, coffee and cheese. 440,460, Sept. 7; Serial No. 507,288, published June 1, 1948. Class 46.

Antrim, C. W., & Sons, to C. W. Antrim & Sons, Richmond, Va. Tea. 71,371, re-renewed Nov. 24, 1948. O. G. Sept. 7. Class 46.

Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Coffee. 79,806, Oct. 11, 1910. Republished Sept. 7. Class 46.

Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Teas, spices. 201,540, July 28, 1925. Republished Sept. 7. Class 46.

Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Coffee and tea. 246,218, Sept. 4, 1928. Republished Sept. 7. Class 46.

Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Coffee. 265,005, Dec. 10, 1929. Republished Sept. 7. Class 46.

Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Coffee. 268,939, Mar. 25, 1930. Republished Sept. 7. Class 46.

Antrim, C. W., & Sons (1946): *See*—
Antrim, C. W., & Sons.

Arden, Elizabeth: *See*—
Lewis, Florence N.

Arden, Elizabeth, Sales Corporation: *See*—
Lewis, Florence N.

Argus, Incorporated: *See*—
International Radio Corporation.

Armour and Company: *See*—
Luxor, Limited.

Army and Navy Bulletin, Inc., Washington, D. C. Weekly periodicals. 502,035, Sept. 7; Serial No. 538,592, published June 1, 1948. Class 38.

Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemical products. 356,744–5, May 10, 1938. Republished Sept. 7, 1948. Class 6.

Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemical products. 356,750, May 10, 1938. Republished Sept. 7. Class 6.

Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemicals used as water repellents. 369,782, Aug. 1, 1939. Republished Sept. 7, 1948. Class 6.

Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemical products. 379,459, July 9, 1940. Republished Sept. 7. Class 6.

Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemical products. 384,890, Feb. 4, 1941. Republished Sept. 7. Class 6.

Arvey Corporation, Chicago, Ill. Mounting and finishing lithographed advertising displays. 502,041, Sept. 7; Serial No. 529,343, published May 4, 1948. Class 55.

Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Fishing line. 501,987, Sept. 7; Serial No. 526,578, published May 25, 1948. Class 22.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 375,896, Mar. 5, 1940. Republished Sept. 7. Class 39.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 375,897, Mar. 5, 1940. Republished Sept. 7. Class 39.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 375,898, Mar. 5, 1940. Republished Sept. 7. Class 39.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 376,051, Mar. 12, 1940. Republished Sept. 7. Class 39.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 378,902, June 25, 1940. Republished Sept. 7. Class 39.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 393,206, Jan. 27, 1942. Republished Sept. 7. Class 39.

Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 402,719, Aug. 10, 1943. Republished Sept. 7. Class 39.

Astrup Company, The, Cleveland, Ohio. Lateral awning arms. 305,957, Aug. 29, 1933. Republished Sept. 7. Class 13.

Astrup Company, The, Cleveland, Ohio. Cotton piece goods. 344,803, Apr. 6, 1937. Republished Sept. 7. Class 42.

Astrup Company, The, Cleveland, Ohio. Cotton piece goods. 358,438, July 12, 1938. Republished Sept. 7. Class 42.

Atkins & Durbrow, Inc., New York, N. Y. Peat moss. 366,428–9, Apr. 11, 1939. Republished Sept. 7. Class 1.

Atlantic Refining Company, The: *See*—
Red "C" Oil Company, The.

Attorney General of the United States, Vested in the: *See*—
Zeiss, Carl.

Aughinbaugh Canning Co., Baltimore, Md., to The Torsch Canning Co., Milford, Del. Canned fruits and vegetables. 68,404, re-renewed Apr. 7, 1948. O. G. Sept. 7. Class 46.

Autotron Company, The: *See*—
Gieseke, Werner A.

Bache, Semon, & Company, New York, N. Y. Sheet glass and picture-glass. 48,250, Dec. 19, 1905. Republished Sept. 7. Class 33.

Bache, Semon, & Company, New York, N. Y. Mirror-plates. 56,329, Sept. 11, 1906. Republished Sept. 7. Class 33.

Bache, Semon, & Company, New York, N. Y. Colored glass. 178,654, Jan. 15, 1924. Republished Sept. 7. Class 33.

Bache, Semon, & Company, New York, N. Y. Sheets of colored glass. 369,395, July 25, 1939. Republished Sept. 7. Class 33.

Baer, Sternberg & Cohen: *See*—
Le Bae Hat Co.

Ballantyne, W. G., Co.: *See*—
Ballantyne, William G.

Ballantyne, William G., doing business as W. G. Ballantyne Co., Portland, Oreg. Perforated aluminum quick freezing and dehydrating food trays. 440,464, Sept. 7; Serial No. 508,092, published June 8, 1948. Class 13.

Balogh, Joseph, New York, N. Y. Musical compositions, printed books, dramatic compositions, etc. 440,461, Sept. 7; Serial No. 507,293, published June 8, 1948. Class 38.

Bangor Publishing Company, Bangor, Maine. Daily newspaper. 165,252, Mar. 6, 1923. Republished Sept. 7. Class 38.

Barke, Oscar A., doing business as Trylon Products Company, by Trylon Products Corporation, Chicago, Ill. Bath preparation. 381,125, Sept. 10, 1940. Republished Sept. 7. Class 6.

Baton Rouge Coffee Mills: *See*—
Saurage, Henry N.

Bear Brand Hosiery Co.: *See*—
Paramount Knitting Co.
Paramount Knitting Company.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 174,833, Oct. 23, 1923. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 177,567, Dec. 18, 1923. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 219,637, Oct. 19, 1926. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 228,504, June 7, 1927. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 231,079, Aug. 9, 1927. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 231,133, Aug. 16, 1927. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 231,142, Aug. 16, 1927. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 252,293, Jan. 29, 1929. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 253,688, Mar. 5, 1929. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 277,807, Nov. 25, 1930. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 293,509, Apr. 26, 1932. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 317,688, Oct. 2, 1934. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 323,273, Apr. 9, 1935. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 326,453, July 23, 1935. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 327,246, Aug. 20, 1935. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Kankakee, Ill. Hosiery. 331,967, Jan. 28, 1936. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 338,606, Sept. 8, 1936. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 339,152, Sept. 29, 1936. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 354,865, Mar. 1, 1938. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 366,443, Apr. 11, 1939. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 367,458, May 16, 1939. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Kankakee and Chicago, Ill. Hosiery. 378,034, May 21, 1940. Republished Sept. 7. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 386,130, Mar. 25, 1941. Republished Sept. 7. Class 39.

Becklin Limited, London, England. Collapsible toys. 502,044, Sept. 7; Serial No. 516,391. Class 22.

Bell & Howell Company, Chicago, Ill. Photographic cameras. 502,002–3. Sept. 7; Serial Nos. 529,552–3, published May 18, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Motion picture and still picture projectors. 502,004, Sept. 7; Serial No. 529,554, published May 18, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic lenses. 502,005, Sept. 7; Serial No. 529,558, published May 18, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic lenses. 502,006–7, Sept. 7; Serial Nos. 529,560–1, published May 18, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic lenses. 502,008, Sept. 7; Serial No. 529,565, published May 25, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic lenses. 502,009, Sept. 7; Serial No. 529,567, published May 25, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Motion picture projectors. 502,010, Sept. 7; Serial No. 529,568, published May 25, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Projection lenses. 502,011, Sept. 7; Serial No. 529,569, published May 25, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Motion picture projecting apparatus and sound reproducing apparatus associated therewith. 502,012, Sept. 7; Serial No. 529,572, published May 25, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic cameras. 502,013, Sept. 7; Serial No. 529,573, published June 1, 1948. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic lenses. 502,014, Sept. 7; Serial No. 529,577, published June 1, 1948. Class 26.

Bendix Aviation Corporation: *See*—
Eclipse Machine Co.
Eclipse Machine Company.

Bendix Aviation Corporation, Detroit, Mich. Wind driven apparatus. 440,449, Sept. 7; Serial No. 502,877, published May 25, 1948. Class 26.

Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure operated horns and audible warning signals. 381,435, Sept. 24, 1940. Republished Sept. 7. Class 23.

Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure brake chambers and parts thereof. 385,881, Mar. 18, 1941. Republished Sept. 7. Class 19.

Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake valves for automotive air brakes. 392,585, Jan. 6, 1942. Republished Sept. 7. Class 13.

Beringer Bros., Inc., St. Helena, Calif. Wines. 310,916, Mar. 13, 1934. Republished Sept. 7. Class 47.

Berkshire Woolen Company: *See*—
Terhume, Yearance, & Wolff, Inc.

Bertram, Charles A., by Deans Laboratories, Inc., Chicago, Ill. Temporary filling for teeth. 68,356, Mar. 31, 1908. Republished Sept. 7. Class 44.

"Big 4" Distilleries, Inc., Dundalk, Md., by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada. Whiskey, gin, and brandy. 316,721, Sept. 4, 1934. Republished Sept. 7. Class 49.

"Big 4" Distilleries, Inc., Dundalk, Md., by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada. Whiskey, gin, and brandy. 316,723–4, Sept. 4, 1934. Republished Sept. 7. Class 49.

Billstrom, Nels J., by Nels J. Billstrom, Rockford, Ill. Glue-clamp carriers. 210,419, Mar. 16, 1926. Republished Sept. 7. Class 23.

Billy's Bretzel Bakery: *See*—
Edmonson, William R.

Billy's Butter Bretzels: *See*—
Edmonson, William R.

Bisceglia Brothers Corp., by Margo Wine Company, Philadelphia, Pa. Wines. 328,570, Aug. 3, 1937. Republished Sept. 7. Class 47.

Bishop Stansell Company, Dayton, Ohio. Laminated sheets of fibrous material. 501,979, Sept. 7; Serial No. 484,872, published June 8, 1948. Class 37.

Blair, J. C., Company, Huntingdon, Pa., to Western Tablet & Stationery Corporation, Dayton, Ohio. Paper, drawing-paper, pencil-paper, etc. 71,099, re-renewed Nov. 3, 1948. O. G. Sept. 7. Class 37.

Blair, J. C., Company, Huntingdon, Pa., to Western Tablet & Stationery Corporation, Dayton, Ohio. Paper, drawing-paper, pencil-paper, etc. 71,105, re-renewed Nov. 3, 1948. O. G. Sept. 7. Class 37.

Blair, J. C., Company, Huntingdon, Pa., to Western Tablet & Stationery Corporation, Dayton, Ohio. Paper, drawing-paper, pencil-paper, etc. 71,108, re-renewed Nov. 3, 1948. O. G. Sept. 7. Class 37.

Blair, J. C., Company, Huntingdon, Pa., to Western Tablet & Stationery Corporation, Dayton, Ohio. Paper, drawing-paper, pencil paper, etc. 71,141, re-renewed Nov. 3, 1948. O. G. Sept. 7. Class 37.

Blair, J. C., Company, Huntingdon, Pa., to Western Tablet & Stationery Corporation, Dayton, Ohio. Paper, drawing-paper, pencil paper, etc. 71,143–45, re-renewed Nov. 3, 1948. O. G. Sept. 7. Class 37.

Blish Milling Company, Seymour, Ind. Self-rising wheat flour. 240,487, renewed Mar. 27, 1948. O. G. Sept. 7. Class 46.

Blish Milling Company, Seymour, Ind. Wheat flour. 240,488, renewed Mar. 27, 1948. O. G. Sept. 7. Class 46.

Blish Milling Company, Seymour, Ind. Self-rising wheat flour. 241,093, renewed Apr. 17, 1948. O. G. Sept. 7. Class 46.

Blish Milling Company, Seymour, Ind. Self-rising wheat flour. 241,158, renewed Apr. 17, 1948. O. G. Sept. 7. Class 46.

Blish Milling Company, Seymour, Ind. Wheat flour. 241,159, renewed Apr. 17, 1948. O. G. Sept. 7. Class 46.

Blish Milling Company, Seymour, Ind. Self-rising wheat flour. 242,333, renewed May 22, 1948. O. G. Sept. 7. Class 46.

Blish Milling Company, Seymour, Ind. Self-rising flour. 244,436, renewed July 17, 1948. O. G. Sept. 7. Class 46.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Chewing and smoking tobacco. 502,027, Sept. 7; Serial No. 536,037, published June 1, 1948. Class 17.

Borg-Warner Corporation: *See*—
Detroit Vapor Stove Co., The.

Bornot, Inc., Philadelphia, Pa. Cleaning, dyeing, pressing, and storing garments and household goods. 502,040, Sept. 7; Serial No. 528,757, published May 25, 1948. Class 55.

Bott, Arthur, Little Rock, Ark. Bakery goods. 243,232, renewed June 12, 1948. O. G. Sept. 7. Class 46.

Bowerman, Martin, Glendale, Calif. Draftsman's and engineering triangles, templates, irregular curves, scales, etc. 440,526, Sept. 7; Serial No. 502,119. Class 26.

Braun, Samuel J., Toledo, Ohio, to Carmen & Co., Inc., New York, N. Y. Washing-powder. 31,884, re-renewed Aug. 16, 1948. O. G. Sept. 7. Class 4.

Brearley Company, The, by The Brearley Company, Rockford, Ill. Caps. 217,623, Sept. 7, 1926. Republished Sept. 7. Class 39.

Brightwater Paper Company, Dover, Del., and Adams, Mass. Writing paper. 502,017–18, Sept. 7; Serial Nos. 531,083–4, published June 1, 1948. Class 37.

Britex Awning Cloth Co. Inc., Richmond Hill, to Britex Awning Cloth Co. Inc., Glendale, N. Y. Awning cloth. 243,138, renewed June 12, 1948. O. G. Sept. 7. Class 42.

Brooks, E. J., Company: *See*—
Brooks, E. J., and Company.

Brooks, E. J., and Company, New York, N. Y., by E. J. Brooks Company, Newark, N. J. Base-metal truck, car, and shipping-case seals, etc. 255,140, Apr. 16, 1929. Republished Sept. 7. Class 25.

Brown, Nathan J., Barrington, Ill. Tracing paper and tracing cloth. 411,375, Jan. 16, 1945. Republished Sept. 7. Class 37.

Brown, R. J., Company, The, St. Louis, Mo. Naphtha and lubricating oils and greases. 399,598, Jan. 19, 1943. Republished Sept. 7. Class 15.

Buffalo Forge Company, Buffalo, N. Y. Machines and apparatus and parts thereof. 147,943, Nov. 8, 1921. Republished Sept. 7. Class 23.

Bulova Watch Company, Inc., New York, N. Y. Watches. 184,904, June 3, 1924. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches and watchcases. 234,641, Nov. 1, 1927. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches and watch movements. 248,827, Oct. 30, 1928. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wristbands or bracelets. 254,012, Mar. 12, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 258,603, July 9, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wrist watches. 260,725, Aug. 27, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Ladies' wrist watches. 262,405, Oct. 8, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wrist watches. 262,865, Oct. 29, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 263,544, Nov. 5, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wrist watches. 264,102, Nov. 19, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wrist watches. 264,117, Nov. 19, 1929. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Ladies' wrist watches. 271,234, May 27, 1930. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 276,628, Oct. 21, 1930. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 277,684, Nov. 25, 1930. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 279,540, Jan. 20, 1931. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Bracelets and wristbands and straps. 288,379, Oct. 27, 1931. Republished Sept. 7. Class 28.

Bulova Watch Company, Inc., New York, N. Y. Watches. 288,505, Oct. 27, 1931. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 289,416, Nov. 24, 1931. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 289,419, Nov. 24, 1931. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wrist or strap watches. 290,379–80, Jan. 5, 1932. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Wrist or strap watches. 290,534, Jan. 5, 1932. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches and clocks. 290,932, Jan. 19, 1932. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 295,591, July 5, 1932. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Bracelet watches and their attached bracelets. 299,818–19, Dec. 27, 1932. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Bracelet watches and their attached bracelets. 302,038, Mar. 21, 1933. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches and attached bracelets sold as a unit. 311,909, Apr. 10, 1934. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 316,745, Sept. 4, 1934. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 323,564, Apr. 23, 1935. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 335,455, June 2, 1936. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 335,456–7, June 2, 1936. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 336,172, June 30, 1936. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 336,175–6, June 30, 1936. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 336,247–8, June 30, 1936. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 336,634, July 14, 1936. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 344,676, Mar. 30, 1937. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 360,646, Sept. 20, 1938. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 365,454–5, Mar. 7, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 365,926, Mar. 21, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 367,988, June 6, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 369,180, July 18, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 369,777–8, Aug. 1, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 370,317–18, Aug. 22, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 371,771, Oct. 3, 1939. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 375,847, Mar. 5, 1940. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 376,536, Mar. 26, 1940. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 380,471, Aug. 20, 1940. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 387,729, May 27, 1941. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 390,038, Sept. 2, 1941. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 392,245, Dec. 16, 1941. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 399,114, Dec. 15, 1942. Republished Sept. 7. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 400,346, Mar. 2, 1943. Republished Sept. 7. Class 27.

Burger-Adams Petroleum Company, by The American Oil Corporation, Coffeyville, Kans. Lubricating oils and greases. 226,059, Mar. 29, 1927. Republished Sept. 7. Class 15.

Burgess Cellulose Company, Freeport, Ill. Stereotype mats. 502,020, Sept. 7; Serial No. 532,416, published June 1, 1948. Class 37.

Burroughs Wellcome & Co. (USA) Inc., New York, N. Y. Ascaridole; atropine sulfate, U. S. P. 402,839, Aug. 17, 1943. Republished Sept. 7. Class 6.

Burson Knitting Company, Rockford, Ill. Hosiery. 151,694, Feb. 14, 1922. Republished Sept. 7. Class 39.

Burson Knitting Company, Rockford, Ill. Hosiery. 164,775, Feb. 27, 1923. Republished Sept. 7. Class 39.

Burson Knitting Company, Rockford, Ill. Hosiery. 171,297, Aug. 7, 1923. Republished Sept. 7. Class 39.

Burson Knitting Company, Rockford, Ill. Hosiery. 278,657, Dec. 23, 1930. Republished Sept. 7. Class 39.

Burson Knitting Company, Rockford, Ill. Hosiery. 279,090, Jan. 6, 1931. Republished Sept. 7. Class 39.

Butt, H. E., Grocery Company, Harlingen and Corpus Christi, Tex. Canned citrus juices. 369,075, July 11, 1939. Republished Sept. 7. Class 45.

Butt, H. E., Grocery Company, Harlingen and Corpus Christi, Tex. Soap chips and a cleanser. 370,247, Aug. 22, 1939. Republished Sept. 7. Class 4.

Butt, H. E., Grocery Company, Harlingen, Tex. Canned fruits, canned vegetables, canned citrus juices. 373,130, Nov. 28, 1939. Republished Sept. 7. Class 46.

Butterick Company, Inc., The: *See*—
Butterick Publishing Company, The.

Butterick Publishing Company, The, by The Butterick Company, Inc., New York, N. Y. Monthly periodical. 158,909, Sept. 19, 1922. Republished Sept. 7. Class 38.

California Conserving Company, Incorporated, San Francisco, Calif., by Hunt Foods, Inc., Los Angeles, Calif. Sweet pickles and tomato catsup. 404,483, Nov. 30, 1943. Republished Sept. 7. Class 46.

California Consumers Corporation, Los Angeles, Calif. Canned citrus juice. 359,041, Aug. 2, 1938. Republished Sept. 7. Class 46.

Campbell, Andrew C., Incorporated, Waterbury, by American Chain & Cable Company, Inc., Bridgeport, Conn. Machines for cutting sheet metal. 171,567, Aug. 7, 1923. Republished Sept. 7. Class 23.

Campbell, Andrew C., Incorporated, Waterbury, by American Chain & Cable Company, Inc., Bridgeport, Conn. Metal-swaging machinery. 282,879, May 5, 1931. Republished Sept. 7. Class 23.

Campbell, Andrew C., Inc., by American Chain & Cable Company, Inc., Bridgeport, Conn. Abrasive wheels. 303,543, May 30, 1933. Republished Sept. 7. Class 4.

Campbell, Andrew C., Inc., Bridgeport, by American Chain & Cable Company, Inc., Bridgeport, Conn. Abrasive cutting machine. 304,871, July 18, 1933. Republished Sept. 7. Class 23.

Canepa, John B., Company, The, Chicago, Ill. Cereal paste goods. 50,396, Mar. 13, 1906. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Cereal paste foods. 52,980, May 22, 1906. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Macaroni, spaghetti, vermicelli, etc. 255,043, Apr. 9, 1929. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Macaroni, spaghetti, vermicelli, etc. 260,296, Aug. 20, 1929. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Alimentary paste goods. 268,727, Mar. 18, 1930. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Macaroni, spaghetti, vermicelli, etc. 299,839, Dec. 27, 1932. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Alimentary pastes. 398,438–9, Oct. 27, 1942. Republished Sept. 7. Class 46.

Canepa, John B., Company, The, Chicago, Ill. Alimentary pastes. 398,527, Nov. 3, 1942. Republished Sept. 7. Class 46.

Canfield, H. O., Co., The, Bridgeport, Conn. Plumbers' rubber supplies. 440,484, Sept. 7; Serial No. 514,003, published June 1, 1948. Class 13.

Canfield, H. O., Co., The, Bridgeport, Conn. Plumbers' rubber supplies. 440,500, Sept. 7; Serial No. 518,454, published June 1, 1948. Class 13.

Can Manufacturers Institute, Washington, D. C. News sheets pertaining to foods in cans. 440,443, Sept. 7; Serial No. 500,054, published June 8, 1948. Class 38.

Cannon Shoe Company, by Cannon Shoe Company, Baltimore, Md. Shoes. 313,941, June 12, 1934. Republished Sept. 7. Class 39.

Cannon Shoe Company, by Cannon Shoe Company, Baltimore, Md. Leather shoes. 318,022, Oct. 16, 1934. Republished Sept. 7. Class 39.

Cannon Shoe Company, by Cannon Shoe Company, Baltimore, Md. Leather shoes. 329,908, Nov. 19, 1935. Republished Sept. 7. Class 39.

Carman & Co., Inc.: *See*—
Braun, Samuel J.

Cedar Rapids Bottling Works, Cedar Rapids, Iowa. Carbonated, non-alcoholic, noncereal, maltless beverages, etc. 248,504, renewed Oct. 23, 1948. O. G. Sept. 7. Class 45.

Celastic Corporation, The, Wilmington, Del., and Arlington, N. J. Partly prepared product consisting of fabric impregnated with a stiffening substance. 233,102, Sept. 20, 1927. Republished Sept. 7. Class 1.

Cellosilk Mfg. Company, The, Barrington, Ill. Chemical tissue. 409,266, Sept. 26, 1944. Republished Sept. 7. Class 44.

Champion Animal Food Co., Minneapolis, Minn. Dog foods. 237,680, Jan. 17, 1928. Republished Sept. 7. Class 46.

Champion Sports Equipment Co.: *See*—
Rozner, Ernest B.

Chance, A. B., Company, Centralia, Mo. Live line maintenance tools. 399,495, Jan. 12, 1943. Republished Sept. 7. Class 23.

Chavant Mfg. Co.: *See*—
Goldenhorn, Bernard.

Chavant Manufacturing Co.: *See*—
Goldenhorn, Bernard.

Cheramy, Inc., New York, N. Y. Perfumes, toilet water, face powder, etc. 240,112, Mar. 20, 1928. Republished Sept. 7. Class 6.

Chesbro Music Co., Idaho Falls, Idaho. Instrument reeds. 312,649, May 1, 1934. Republished Sept. 7. Class 36.

Chippewa Springs Corporation, Minneapolis, Minn. Natural spring water, root beer, sarsaparilla, etc. 119,429, Nov. 20, 1917. Republished Sept. 7. Class 45.

Chippewa Springs Corporation, Minneapolis, Minn. Spring water, root beer, sarsaparilla, etc. 130,164, Apr. 13, 1920. Republished Sept. 7. Class 45.

Clark, Alice L., doing business as Nina Doll Co., Mill Valley, Calif. Dolls. 440,515, Sept. 7; Serial No. 523,095, published May 25, 1948. Class 22.

Clark Equipment Company: *See*—
Clark Tructractor Company.

Clark Tructractor Company, to Clark Equipment Company, Buchanan, Mich. Tractors. 240,492, renewed Mar. 27, 1948. O. G. Sept. 7. Class 23.

Cleveland Heater Company, The, Cleveland, Ohio. Metal pipe fittings, valves, cocks, etc. 244,817, renewed July 31, 1948. O. G. Sept. 7. Class 13.

Cleveland Heater Company, The, Cleveland, Ohio. Gas, oil, and vapor burning water heaters, etc. 254,650, Mar. 26, 1929. Republished Sept. 7. Class 34.

Cleveland Osborn Manufacturing Company, The, by The Osborn Manufacturing Company, Cleveland, Ohio. Household, factory, foundry, etc., brushes and brooms. 127,357, Nov. 11, 1919. Republished Sept. 7. Class 29.

Cling-Surface Company, Buffalo, N. Y. Preservatives and fillers. 53,307, May 29, 1906. Republished Sept. 7. Class 4.

Coastal Valley Canning Co., Oxnard, Calif. Canned chiles. 440,477, Sept. 7; Serial No. 512,240, published June 1, 1948. Class 46.

Coastal Valley Canning Co., Oxnard, Calif. Canned pimentos and canned green chiles. 501,983, Sept. 7; Serial No. 512,238, published June 1, 1948. Class 46.

Cohen, Isador H.: *See*—
Mandel & Cohen.

Cohn, Herman, doing business as Herman Cohn Company and The House of Puzzy, Baltimore, Md. Dolls. 440,506, Sept. 7; Serial No. 520,092, published May 25, 1948. Class 22.

Cohn, Herman, Company: *See*—
Cohn, Herman.

Cold Spring Granite Company, Cold Spring, Minn. Cemetery monuments, headstones, grave markers, etc. 358,386, July 12, 1938. Republished Sept. 7. Class 50.

Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. 360,240, Sept. 13, 1938. Republished Sept. 7. Class 50.

Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. 361,400, Oct. 18, 1938. Republished Sept. 7. Class 50.

Cold Spring Granite Company, Cold Spring, Minn. Stone monuments, markers, tablets, etc. 404,871, Dec. 28, 1943. Republished Sept. 7. Class 50.

Collins Company, The, Collinsville, Conn. Pick axes, cavadores, barretones, etc. 70,752–3, Sept. 29, 1908. Republished Sept. 7. Class 23.

Columbus Brewing Company, St. Louis, Mo. Beer. 371,156, Sept. 19, 1939. Republished Sept. 7. Class 48.

Commander Larabee Cereal Company, Chicago, Ill., to Commander-Larabee Milling Company, Minneapolis, Minn. Cake flour. 238,658, renewed Feb. 14, 1948. O. G. Sept. 7. Class 46.

Commander-Larabee Milling Company: *See*—
Commander-Larabee Cereal Company.
Empire Milling Company.

Community Coffee Mills: *See*—
Saurage, Henry N.

Consolidated Rendering Company, Boston, Mass. Grease. 147,725, renewed Jan. 5, 1948. O. G. Sept. 7. Class 4.

Consolidated Rendering Company, Boston, Mass. Tallow. 171,944, renewed Jan. 5, 1948. O. G. Sept. 7. Class 4.

Consolidated Rendering Company, Boston, Mass. Tallow. 174,931. renewed Jan. 5, 1948. O. G. Sept. 7. Class 4.

Consolidated Retail Stores, Inc., St. Louis, Mo. Shoes constructed of combinations of leather, etc. 500,492, June 1, 1948. Corrected. O. G. Sept. 7. Class 39.

Consolidated Retail Stores, Inc., St. Louis, Mo. Shoes constructed of combinations of leather, rubber and fabric. 500,493, June 1, 1948. Corrected. O. G. Sept. 7. Class 39.

Continental Distilling Corporation, assignee: *See*—
Maryland Distillers Products Company.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 283,566–8, June 2, 1931. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating grease. 283,689, June 2, 1931. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 283,690–3, June 2, 1931. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating grease. 284,103, June 16, 1931. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 284,307, June 23, 1931. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 289,233, Nov. 24, 1931. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 292,339, Mar. 15, 1932. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 292,518, Mar. 15, 1932. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 297,088, Aug. 30, 1932. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 299,471, Dec. 6, 1932. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Gasoline, kerosene, motor fuel oils, etc. 306,919, Oct. 3, 1933. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating grease. 358,861, July 26, 1938. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating oil. 358,862, July 26, 1938. Republished Sept. 7. Class 15.

Continental Oil Company, Ponca City, Okla. Lubricating grease. 358,863, July 26, 1938. Republished Sept. 7. Class 15.
Continental Oil Company, Ponca City, Okla. Lubricating oil. 359,371, Aug. 16, 1938. Republished Sept. 7. Class 15.
Continental Oil Company, Ponca City, Okla. Lubricating oil. 367,374, May 16, 1939. Republished Sept. 7. Class 15.
Continental Oil Company, Ponca City, Okla. Lubricating oil. 371,925, Oct. 17, 1939. Republished Sept. 7. Class 15.
Continental Oil Company, Ponca City, Okla. Dust settling oil. 376,772, Apr. 9, 1940. Republished Sept. 7. Class 6.
Continental Oil Company, Ponca City, Okla. Lubricating grease. 379,075, July 2, 1940. Republished Sept. 7. Class 15.
Continental Oil Company, Ponca City, Okla. Motor oils. 386,967, Apr. 29, 1941. Republished Sept. 7. Class 15.
Continental Oil Company, Ponca City, Okla. Map booklets. 427,809, Feb. 25, 1947. Republished Sept. 7. Class 38.
Copper Range Company, Painesdale, Mich. Copper sheet, copper in rolls, copper wire, etc. 348,701, Aug. 3, 1937. Republished Sept. 7. Class 14.
Copper Range Company, Painesdale, Mich. Copper rivets. 349,305, Aug. 24, 1937. Republished Sept. 7. Class 13.
Coronet Toy Manufacturing Co., Seattle, Wash. Dolls and doll-sized animal characters. 440,494, Sept. 7; Serial No. 516,535, published May 25, 1948. Class 22.
Coshocton Glove Co., The, Coshocton, Ohio, by Indianapolis Glove Company, Indianapolis, Ind. Gloves and mittens. 239,320, Feb. 28, 1928. Republished Sept. 7. Class 39.
Cotton, John, Limited, Edinburgh, Scotland. Smoking tobacco. 249,294, renewed Nov. 13, 1948. O. G. Sept. 7. Class 17.
Creative Educational Society, Mankato, Minn. Toy blocks. 440,491, Sept. 7; Serial No. 515,658, published May 25, 1948. Class 22.
Crofut & Knapp Co., The, South Norwalk, to Hat Corporation of America, Norwalk, Conn. Hats for men. 249,842, renewed Nov. 20, 1948. O. G. Sept. 7. Class 39.
Crombie, J. & J. Limited: *See*—
Kenneth, Malcolm, Co.
Cromwell-Collier Publishing Company, The. Series of books. 502,038, Sept. 7; Serial No. 543,791, published June 1, 1948. Class 38.
Crowley, Robert, North Quincy, Mass. Golf instruction and practice apparatus. 440,514, Sept. 7; Serial No. 522,346, published May 25, 1948. Class 22.
Curtis Publishing Company, The: *See*—
Tucker, Luther, & Son.
Cuzalina Drug Company: *See*—
Cuzalina, T. J.
Cuzalina, T. J., doing business as Cuzalina Drug Company, Ponca City, Okla. Daily newspaper column. 440,485, Sept. 7; Serial No. 514,693, published June 1, 1948. Class 38.
Dansk Chemo-Therapeutisk Selskab A. S.: *See*—
Dansk Chemo-Therapeutisk Selskab ved Ferd, Andersen, I. Siesbye & H. Weltzmann.
Dansk Chemo-Therapeutisk Selskab ved Ferd, Andersen, I. Siesbye & H. Weltzmann, to Dansk Chemo-Therapeutisk Selskab A. S., Copenhagen, Denmark. Medicine for phthisis. 198,992, renewed June 2, 1945. O. G. Sept. 7. Class 6.
Davis, Bryan, Publishing Co., Inc.: *See*—
Radio Engineering Magazine, Inc.
Davis and Company, Cleveland, Ohio. Food flavoring extracts; food flavoring paste, food flavoring concentrates, etc. 440,523, Sept. 7; Serial No. 472,103. Class 46.
Davison Chemical Corporation, The, Baltimore, Md. Periodical. 440,454, Sept. 7; Serial No. 506,295, published June 1, 1948. Class 38.
Dean Laboratories, Inc.: *See*—
Bertram, Charles A.
Dean Medicine Company, Milwaukee, Wis., to Deans Laboratories, Inc., Chicago, Ill. Mentholated cough drops. 69,992, re-renewed July 21, 1948. O. G. Sept. 7. Class 6.
Deans Laboratories, Inc.: *See*—
Dean Medicine Company.
Dearborn Industries: *See*—
Sears, Julius.
Delta Coal Mining Company, Chicago, Ill., by Delta Collieries Corporation, Indianapolis, Ind. Coal. 325,273, June 18, 1935. Republished Sept. 7. Class 1.
Delta Collieries Corporation: *See*—
Delta Coal Mining Company.
Denver Fire Clay Company, The, Denver, Colo. Burners using gas, oil, and other fuels. 246,386, renewed Sept. 4, 1948. O. G. Sept. 7. Class 34.
Denver Fire Clay Company, The, Denver, Colo. Air blowers, crushers for rock ore and the like. 246,822–3, renewed Sept. 18, 1948. O. G. Sept. 7. Class 23.
Denver Fire Clay Company, The, Denver, Colo. Sleeves. 246,824, renewed Sept. 18, 1948. O. G. Sept. 7. Class 26.
Denver Fire Clay Company, The, Denver, Colo. Sleeves. 247,149, renewed Sept. 18, 1948. O. G. Sept. 7. Class 26.
Denver Wood Products Co., Denver, Colo. Clothes drying racks. 440,457, Sept. 7; Serial No. 506,429, published May 11, 1948. Class 24.
Dermator Chemical Co.: *See*—
Noveck, Morris.
Detroit Paper Products Corporation, Hamtramck Mich., by Inland Container Corporation, Indianapolis, Ind. Empty cardboard portable containers. 365,218, Feb. 28, 1939. Republished Sept. 7. Class 2.
Detroit Stoker Company, Monroe and Detroit, Mich. Stokers. 234,958, Nov. 8, 1927. Republished Sept. 7. Class 34.
Detroit Stoker Company, Monroe and Detroit, Mich. Stoker castings and forgings in the rough. 299,940, Jan. 3, 1933. Republished Sept. 7. Class 14.
Detroit Stoker Company, Monroe and Detroit, Mich. Stokers. 301,305, Feb. 28, 1933. Republished Sept. 7. Class 34.
Detroit Stoker Company, Detroit, Mich. Fuel stokers. 401,264, May 14, 1943. Republished Sept. 7. Class 34.
Detroit Vapor Stove Co., The, Detroit, Mich., by Borg-Warner Corporation, Chicago, Ill. Gas and oil stoves. 242,823, June 5, 1928. Republished Sept. 7. Class 34.
Development Corporation of America, Brooklyn, N. Y. Electronic timing switch. 440,456, Sept. 7; Serial No. 506,370, published May 18, 1948. Class 26.
Dietzgen, Eugene Co., Chicago, Ill. Calculating devices. 440,437, Sept. 7; Serial No. 483,809, published May 18, 1948. Class 26.
Dolge, C. B., Company, The, Westport, Conn. Product for cleaning out waste, drain, or stopped up pipes. 160,173, Oct. 17, 1922. Republished Sept. 7. Class 6.
Dolge, C. B., Co., The, Westport, Conn. Wall diffusers. 280,826, Mar. 3, 1931. Republished Sept. 7. Class 2.
Dolge, C. B., Company, The, Westport, Conn. Solution used as a disinfectant and deodorizer. 281,365, Mar. 17, 1931. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Concentrated chlorine disinfectant. 287,564, Sept. 29, 1931. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Liquid disinfectant and deodorizer. 295,840, July 12, 1932. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Preparation for exterminating moles. 298,853, Nov. 8, 1932. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Preparation for exterminating rodents. 305,415, Aug. 15, 1933. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Insecticides. 306,276, Sept. 12, 1933. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Preparation for cleaning and clearing stopped-up drain and sewer pipes. 363,198, Dec. 13, 1938. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Insecticides. 378,542, June 11, 1940. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Soap. 378,824, June 18, 1940. Republished Sept. 7. Class 4.
Dolge, C. B., Company, The, Westport, Conn. Disinfectants, deodorants, insecticides, etc. 382,263, Oct. 22, 1940. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Finish for floors. 382,325. Oct. 22, 1940. Republished Sept. 7. Class 16.
Dolge, C. B., Company, The, Westport, Conn. Soaps, cleaning preparations, etc. 384,146, Jan. 7, 1941. Republished Sept. 7. Class 4.
Dolge, C. B., Company, The, Westport, Conn. Insecticides. 384,261, Jan. 7, 1941. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Furniture polish, floor wax, floor dressing, etc. 384,326, Jan. 14, 1941. Republished Sept. 7. Class 16.
Dolge, C. B., Company, The, Westport, Conn. Liquid cleaner. 390,074, Sept. 9, 1941. Republished Sept. 7. Class 4.
Dolge, C. B., Company, The, Westport, Conn. Cutting oil germicide. 396,671, July 28, 1942. Republished Sept. 7. Class 6.
Dolge, C. B., Company, The, Westport, Conn. Insecticides. 428,765, Apr. 1, 1947. Republished Sept. 7. Class 6.
Dolphin Toys, Mount Vernon, N. Y. Aquatic toys. 440,501, Sept. 7; Serial No. 519,182, published May 25, 1948. Class 22.
Duoflex Piston Ring Company, by Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings. 270,464, May 6, 1930. Republished Sept. 7. Class 35.
Eagle-Ottawa Leather Company, Grand Haven, Mich. Leather. 440,527, Sept. 7; Serial No. 524,116. Class 1.
Eagle Rubber Co., Inc., Ashland, Ohio. Rubber play balls. 501,988, Sept. 7; Serial No. 526,921, published May 25, 1948. Class 22.
Eclipse Machine Co., by Bendix Aviation Corporation, Elmira Heights, N. Y. Back-pedaling coaster-brakes and parts thereof. 54,705, June 26, 1908. Republished Sept. 7. Class 19.

Eclipse Machine Company, by Bendix Aviation Corporation, Elmira, N. Y. Bicycle parts, brakes, motorcycle parts. 110,489, May 30, 1916. Republished Sept. 7. Class 19.
Edmondson, William R., doing business as Billy's Butter Bretzels and Billy's Bretzel Bakery, Reading, Pa. Pretzels. 440,452, Sept. 7; Serial No. 504,261, published June 8, 1948. Class 46.
Edwards and Company, Inc., New York, N. Y. Electrical goods and apparatus. 295,938, July 19, 1932. Republished Sept. 7. Class 21.
Egry Register Company, The, Dayton, Ohio. Cabinets for registers. 155,676, June 6, 1922. Republished Sept. 7. Class 32.
Egry Register Company, The, Dayton, Ohio. Autographic registers and stationery. 284,501, June 30, 1931. Republished Sept. 7. Class 37.
Egry Register Company, The, Dayton, Ohio. Autographic registers and paper fillers therefor. 302,374, Apr. 18, 1933. Republished Sept. 7. Class 37.
Egry Register Company, The, Dayton, Ohio. Manifolding forms. 331,755, Jan. 21, 1936. Republished Sept. 7. Class 37.
Electric Mechano Co., The, Milwaukee, Wis. Tachometers, and timer mechanism for photograph enlargers. 440,525, Sept. 7; Serial No. 489,857. Class 26.
Electromaster, Inc., Detroit, Mich. Electric stoves and heating elements. 334,721, May 12, 1936. Republished Sept. 7. Class 21.
Electromaster, Inc., Detroit, Mich. Electric ranges and parts thereof. 353,656. Jan. 11, 1938. Republished Sept. 7. Class 21.
Elliott Knitting Mills, Inc., Hickory, N. C. Hosiery. 245,847, renewed Aug. 21, 1948. O. G. Sept. 7. Class 39.
Emmental Cheese Corporation, New York, N. Y. Cheese. 244,904–5. Renewed July 31, 1948. O. G. Sept. 7. Class 46.
Empire Milling Company, to Commander-Larabee Milling Company, Minneapolis, Minn. Wheat flour. 240,356, renewed Mar. 27, 1948. O. G. Sept. 7. Class 46.
Endicott-Johnson Co., by Endicott Johnson Corporation, Endicott, N. Y. Boots and shoes of leather. 64,219, July 30, 1907. Republished Sept. 7. Class 39.
Endicott-Johnson Company, by Endicott Johnson Corporation, Endicott, N. Y. Boots and shoes of leather. 64,335, Aug. 6, 1907. Republished Sept. 7. Class 39.
Endicott Johnson Corporation: *See*—
Endicott-Johnson Co.
Endicott-Johnson Company.
Enterprise Aluminum Company, The, Massillon, Ohio. Base metal cooking hollow ware. 501,985, Sept. 7; Serial No. 522,799, published June 8, 1948. Class 13.
Enterprise Aluminum Company, The, Massillon, Ohio. Base metal cooking hollow ware. 501,986, Sept. 7; Serial No. 522,805, published May 25, 1948. Class 13.
Esslinger's, Inc., Philadelphia, Pa. Beer and ale. 502,022, Sept. 7; Serial No. 533,151, published June 1, 1948. Class 48.
Esso Standard Oil Company: *See*—
Standard Oil Company of New Jersey.
Etablissements Pitet Aine: *See*—
Pitet, Robert Y. L.
Excelsior Leather Washer Manufacturing Co., Rockford, Ill. Pump and valve leathers, and washers of leather and gaskets of leather. 126,536, Sept. 16, 1919. Republished Sept. 7. Class 35.
Excelsior Leather Washer Manufacturing Co., Rockford, Ill. Cup leathers, valve and plunger leathers, etc. 303,322, May 23, 1933. Republished Sept. 7. Class 35.
Excelsior Leather Washer Manufacturing Co., Rockford, Ill. Leather gaskets, packings, and washers. 402,113, Jan. 29, 1943. Republished Sept. 7. Class 35.
Faber, A. W., Stein and Berlin, Germany, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, colored pencils, copying pencils, etc. 85,852, Mar. 26, 1912. Republished Sept. 7. Class 37.
Faber, A. W., Stein, Germany, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, colored pencils, copying pencils, etc. 86,583, May 21, 1912. Republished Sept. 7. Class 37.
Faber, A. W., Stein near Nuremberg, Germany, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, colored pencils, copying pencils, etc. 100,302, Oct. 20, 1914. Republished Sept. 7. Class 37.
Faber, A. W., Inc., by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Rubber erasers, lead and crayon pencils. 323,265, Apr. 9, 1935. Republished Sept. 7. Class 37.
Faber-Castell, A. W., Pencil Co., Inc.: *See*—
Faber, A. W.
Faber, A. W., Inc.
Von Faber-Castell, Alexander Count.
Facility Products: *See*—
Whitman, Robert L.
Fairview Collieries Corporation, by Fairview Collieries Corporation, Indianapolis, Ind. Coal. 397,687, Sept. 15, 1942. Republished Sept. 7. Class 1.
Farmer Seed & Nursery Co., Faribault, Minn. Field, farm, and garden seeds. 248,295, renewed Oct. 16, 1948. O. G. Sept. 7. Class 1.
Fashion Bootery, The, Seattle, Wash. Shoes. 385,611, Mar. 11, 1941. Republished Sept. 7. Class 39.
Fashion Bootery, The, Seattle, Wash. Shoes. 406,699, Apr. 18, 1944. Republished Sept. 7. Class 39.
Federal Gauge Co., The, to The Mercoid Corporation, Chicago, Ill. Lead wires. 244,615, renewed July 24, 1948. O. G. Sept. 7. Class 21.
Federal Gauge Company, The, to The Mercoid Corporation, Chicago, Ill. Electric controls. 245,654–5, renewed Aug. 21, 1948. O. G. Sept. 7. Class 21.
Fenske, Otto E., Skokie, Ill. Combined camp folding table and grip. 440,448, Sept. 7; Serial No. 502,508, published May 25, 1948. Class 22.
Fidelity Chemical Corporation, Houston, Tex. Fertilizers. 408,834, Aug. 29, 1944. Republished Sept. 7. Class 10.
Filene's, Wm., Sons Company, Boston, Mass. Baby foods, preserves. 266,766, Feb. 4, 1930. Republished Sept. 7. Class 46.
Filene's, Wm., Sons Company, Boston, Mass. Sewing baskets and boxes, bags of textile materials. 267,399, Feb. 18, 1930. Republished Sept. 7. Class 2.
Filene's, Wm., Sons Company, Boston, Mass. Babies' and children's furniture. 267,866, Mar. 4, 1930. Republished Sept. 7. Class 32.
Fin-N-Et Mfg. Co.: *See*—
Finn, Thurman A.
Finn, Thurman A., doing business as Fin-&-Et Mfg. Co., Denver, Colo. Folding fish nets. 440,508, Sept. 7; Serial No. 520,623, published May 25, 1948. Class 22.
Firm of Schwartz, F. A. O., The, to F. A. O. Schwartz, New York, N. Y. Toys, dolls, and games. 31,839, renewed Aug. 2, 1948. O. G. Sept. 7. Class 22.
Fishcrafters, The, Worcester, Mass. Non-freezing tilts having a reel and line. 440,450, Sept. 7; Serial No. 502,966, published May 25, 1948. Class 22.
Fitch, F. W., Company, The, Des Moines, Iowa. Hair tonic. 191,480, Nov. 11, 1924. Republished Sept. 7. Class 6.
Fitch, F. W., Company, The, Des Moines, Iowa. After shaving lotion and hand lotion. 283,876, June 9, 1931. Republished Sept. 7. Class 6.
Fitch, F. W., Co., The, Des Moines, Iowa. Hair dressing. 292,953, Mar. 15, 1932. Republished Sept. 7. Class 6.
Flectolite, Rochester, N. Y. Artificial fishing lure. 440,504, Sept. 7; Serial No. 519,805, published May 25, 1948. Class 22.
Flegenheimer, David, New York, N. Y. Hairnets. 432,546, Sept. 2, 1947. Republished Sept. 7. Class 39.
Florest, Milton F., doing business as Strongboy Novelty Co., Walpole, Mass. Children's playthings. 440,467, Sept. 7; Serial No. 509,763, published May 25, 1948. Class 22.
Ford Manufacturing, Inc., Boston, Mass. Ladies underwear. 334,391, May 5, 1936. Republished Sept. 7. Class 39.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, paper towels, etc. 180,873, Mar. 11, 1924. Republished Sept. 7. Class 37.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, paper towels, etc. 182,721, Apr. 15, 1924. Republished Sept. 7. Class 37.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, paper towels, etc. 191,202, Nov. 4, 1924. Republished Sept. 7. Class 37.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper towels, paper napkins, etc. 206,994, Dec. 15, 1925. Republished Sept. 7. Class 37.
Fort Howard Paper Company, Green Bay, Wis. Paper napkins, toilet paper and paper towels. 211,600, Apr. 13, 1926. Republished Sept. 7. Class 37.
Fort Howard Paper Company, Green Bay, Wis. Paper fabric adapted for skin cleansing and cosmetic-removing purposes. 213,028, May 18, 1926. Republished Sept. 7. Class 37.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper towels, paper napkins, etc. 331,309, Dec. 31, 1935. Republished Sept. 7. Class 37.
Frank Drug Co.: *See*—
Hanrahan Pharmacal Co. Inc.
French Ivory Products Limited, The, Toronto, Ontario, Canada. Pyroxylin products. 243,466, renewed June 19, 1948. O. G. Sept. 7. Class 2.
Garden City Laboratory, to Pritchardsons', Chicago, Ill. Soldering flux. 228,333, renewed May 31, 1947. O. G. Sept. 7. Class 6.
Garrettson, F. P., Co.: *See*—
Garrettson, F. P., & Co.
Garrettson, F. P., & Co., Newport, R. I., and New York, to G. F. Waaser, doing business as F. P. Garrettson Co., New York, N. Y. Coffee. 55,178, re-renewed Aug. 7, 1946. O. G. Sept. 7. Class 46.
Gartner and Bender, Inc., Chicago, Ill. Greeting cards. 502,034, Sept. 7; Serial No. 537,888, published June 1, 1948. Class 38.
General Cable Corporation, New York, N. Y. Bare and insulated electrical wires and cables. 247,436, renewed Sept. 25, 1948. O. G. Sept. 7. Class 21.
General Implement Corporation, Cleveland, Ohio. Corn shellers, disk harrows, and lime sowers. 426,294, Dec. 24, 1946. Republished Sept. 7, 1948. Class 23.
General Refractories Company, Philadelphia, Pa. Superduty fire clay bricks. 362,802, Nov. 29, 1938. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Kaolin base refractory bonding mortar. 362,803, Nov. 29, 1938. Republished Sept. 7. Class 12.

General Refractories Company, Philadelphia, Pa. Specially designed acid-proof brick. 381,176, Sept. 17, 1940. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standard and special shapes of brick and tile. 411,668, Jan. 30, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standard refractory bricks. 411,669–70, Jan. 30, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standart refractory bricks. 412,099, Feb. 20, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standard refractory bricks. 412,235, Feb. 27, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Block and plastic heating insulation. 413,145, Apr. 10, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standard refractory bricks. 414,717, June 26, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standard refractory bricks. 415,303, Aug. 7, 1945. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Standard refractory bricks. 422,618, Aug. 6, 1946. Republished Sept. 7. Class 12.
General Refractories Company, Philadelphia, Pa. Unburned suspended arch and wall bricks. 426,640, Jan. 7, 1947. Republished Sept. 7. Class 12.
General Water Heater Corporation, Los Angeles, to General Water Heater Corporation, Burbank, Calif. Gas-heated hot-water systems and hot-water heaters. 242,310, renewed May 22, 1948. O. G. Sept. 7. Class 34.
Gianandrea, N., San Jose, Calif. Fresh vegetables. 402,027, June 22, 1943. Republished Sept. 7. Class 46.
Gieseke, Werner A., doing business as The Autotron Company, Danville, Ill. Electronic inspection machine. 440,439, Sept. 7; Serial No. 484,628, published Aug. 13, 1946. Class 26.
Gimbel Brothers, Inc., New York, N. Y. Leather and combination leather and fabric shoes. 244,616, renewed July 24, 1948. O. G. Sept. 7. Class 39.
Globe Clothiers, The, Tulsa, Okla. Necktles. 249,578, renewed Nov. 20, 1948. O. G. Sept. 7. Class 39.
Godchaux Sugars Inc., Reserve, La. Cane-sugar sirups. 231,097, Aug. 9, 1927. Corrected. O. G. Sept. 7. Class 46.
Goldenhorn, Bernard, doing business as Chavant Mfg. Co., to J. F. Marra, doing business as Chavant Manufacturing Co., Jersey City, N. J. Plastic modeling material. 233,919, renewed Oct. 11, 1947. O. G. Sept. 7. Class 1.
Goldstein, Walter, doing business as Zenith Optical Laboratory, New York, N. Y. Sun glasses. 440,453, Sept. 7; Serial No. 504,438, published Mar. 4, 1947. Class 26.
Goodrich, B. F., Company, The: *See*—
Miller Rubber Company, The.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Inside tire protectors, outside tire protectors, portable tire, etc. 245,817, Aug. 21, 1928. Republished Sept. 7. Class 35.
Gordon-O'Neill Company: *See*—
Gordon-O'Neill Co., Inc.
Gordon-O'Neill Co. Inc., New York, N. J., by Gordon-O'Neill Company, Jersey City, N. J. Gin and whiskey. 316,353, Aug. 21, 1934. Republished Sept. 7. Class 49.
Gordon-O'Neill Co. Inc., New York, N. Y., by Gordon-O'Neill Company, Jersey City, N. J. Wine. 323,218, Apr. 9, 1935. Republished Sept. 7. Class 47.
Gordon-O'Neill Co., Inc., New York, N. Y., by Gordon-O'Neill Company, Jersey City, N. J. Whiskey. 354,060, Feb. 1, 1938. Republished Sept. 7. Class 49.
Gordon, Wolf, Cowen Co., Inc., New York, N. Y. Spread. 501,996, Sept. 7; Serial No. 528,461, published June 1, 1948. Class 46.
Gor-Jus Hosiery Co., Inc: *See*—
Gor-Jus Hosiery Mills, Inc., The.
Gor-Jus Hosiery Mills, Inc., The, Baltimore, Md., now by change of name Gor-Jus Hosiery Co., Inc., by Mojud Hosiery Co., Inc., Long Island City, N. Y. Hosiery. 254,085, Mar. 12, 1929. Republished Sept. 7. Class 39.
Gorse, Frank W., Company: *See*—
Gorse, Frank W., Co.
Gorse, Frank W., Co., Needham, to Frank W. Gorse Company, Needham Heights, Mass. Covered rubber thread. 247,186, renewed Sept. 25, 1948. O. G. Sept. 7. Class 43.
Gottlieb, Henry H., New York, N. Y. Monthly magazine. 440,522, Sept. 7; Serial No. 526,224, published June 8, 1948. Class 38.
Grand Rapids Cabinet Company, Grand Rapids, Mich. Refrigerator cabinets. 285,501, July 28, 1931. Republished Sept. 7. Class 31.
Grapillon S. A., Mont sur Rolle, Switzerland. Grape juice and non-alcoholic maltless soft drinks. 440,497, Sept. 7; Serial No. 517,573, published May 25, 1948. Class 45.
Greer-Hale Chinchilla Ranch, The, New Market, Va. Live chinchillas and chinchilla pelts. 427,238, Feb. 4, 1947. Republished Sept. 7. Class 1.
Gulden, Charles, New York, by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y. Olives. 48,459, Jan. 2, 1906. Republished Sept. 7. Class 46.
Gulden, Charles, New York, by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y. Olives. 53,099, May 29, 1906. Republished Sept. 7. Class 46.
Gutmann, Carl, & Co., Inc., New York, N. Y. Polo shirts and sweaters. 429,894, May 20, 1947. Republished Sept. 7. Class 39.
Hall, Mary E.: *See*—
Milky-Way Company, Inc., The.
Hallicrafters Co.: *See*—
Halligan, William J.
Hallicrafters Co., The, Chicago, Ill. Radio receiving sets. 420,247, Apr. 2, 1946. Republished Sept. 7. Class 21.
Halligan, William J., by The Hallicrafters Co., Chicago, Ill. Radio receiving sets, loud speakers, sound amplifiers, etc. 311,778, Apr. 3, 1934. Republished Sept. 7. Class 21.
Hamilton, Kent, Manufacturing Company, Kent, Ohio. Rubber vibration mounts. 417,722, Nov. 13, 1945. Republished Sept. 7. Class 23.
Hamilton, L. R., by L. R. Hamilton, Inc., Reedley, Calif. Fresh grapes. 177,686, Dec. 25, 1923. Republished Sept. 7. Class 46.
Hamilton, L. R., Inc.: *See*—
Hamilton, L. R.
Hampden Specialty Products, Inc., Easthampton, Mass. Frames for holding an inflatable buoyant floatable object. 440,444, Sept. 7; Serial No. 500,753, published May 25, 1948. Class 22.
Hanrahan, Frank C.: *See*—
Hanrahan Pharmacal Co. Inc.
Hanrahan Pharmacal Co. Inc., Portsmouth, to F. C. Hanrahan, doing business as Frank Drug Co., Arlington, Va. Compound purgative elixir. 69,809, re-renewed July 7, 1948. O. G. Sept. 7. Class 6.
Harlingen Canning Company, Harlingen, Tex. Canned vegetables. 368,250, June 13, 1939. Republished Sept. 7. Class 46.
Harlingen Canning Company, Harlingen, Tex. Canned citrus juices. 369,293, July 18, 1939. Republished Sept. 7. Class 45.
Harper, H. M., Company, The, Chicago, Ill. Threaded bolts, nuts, screws, metal washers, etc. 420,360, Apr. 9, 1946. Republished Sept. 7. Class 13.
Hartman Manufacturing Company, The, Hartford, Conn. Manually operable, mechanically operable, and electrically operable switches. 317,349, Sept. 25, 1934. Republished Sept. 7. Class 21.
Hartman Manufacturing Company, The, Hartford, Conn. Manually operable, mechanically operable, and electrically operable switches. 317,401, Sept. 25, 1934. Republished Sept. 7. Class 21.
Hat Corporation of America: *See*—
Crofut & Knapp Co., The.
Hazard Wire Rope Company, Wilkes-Barre, Pa., by American Chain & Cable Company, Inc., Bridgeport, Conn. Wire rope. 257,243, June 4, 1929. Republished Sept. 7. Class 7.
Heppenstall Company: *See*—
Heppenstall Forge & Knife Company.
Heppenstall Forge & Knife Company, by Heppenstall Company, Pittsburgh, Pa. Steel forgings. 233,787, Oct. 11, 1927. Republished Sept. 7. Class 14.
Herman, Samuel A., New York, N. Y. Dental X-ray film. 440,479, Sept. 7; Serial No. 513,245, published May 18, 1948. Class 26.
Herrmann, A. S., Inc., by Herrmann & Jacobs Corp., New York, N. Y. Textiles of linen. 247,075, Sept. 18, 1928. Republished Sept. 7. Class 42.
Herrmann & Jacobs Corp.: *See*—
Herrmann, A. S., Inc.
Heywood Boot & Shoe Company, Worcester, Mass. Leather boots and shoes. 68,064, Mar. 3, 1908. Republished Sept. 7. Class 39.
Hill, H. G., Stores, Inc., New Orleans, La. Blend of pure coffee and a blend of coffee and chicory. 229,784, July 5, 1927. Republished Sept. 7. Class 46.
Hill, H. G., Stores, Inc., New Orleans, La. Coffee, canned peas, and oleomargarine. 308,792, Dec. 19, 1933. Republished Sept. 7. Class 46.
Hillman's, Inc.: *See*—
Tebbetts & Garland Store, The.
Hills Brothers, to Hills Bros. Coffee, Inc., San Francisco, Calif. Coffee. 71,581, re-renewed Dec. 1, 1948. O. G. Sept. 7. Class 46.
Hills Bros. Coffee, Inc.: *See*—
Hills Brothers.
Holeproof Hosiery Co.: *See*—
Luxite Silk Products Company.
Hollander-Koshland Co., The, by The Maryland Pharmaceutical Company, Baltimore, Md. Medicine for the treatment of coughs and colds. 144,796, July 19, 1921. Republished Sept. 7. Class 6.
Hook, Chas. S.: *See*—
Styles & Cash.
Horton & Converse, Los Angeles, Calif. Combination container and device. 418,475, Dec. 25, 1945. Republished Sept. 7. Class 44.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 227,879, May 17, 1927. Republished Sept. 7. Class 6.
Houbigant, Inc., New York, N. Y. Perfumes, eau vegetal, toilet water, etc. 338,411, Sept. 8, 1936. Republished Sept. 7. Class 6.
Houbigant, Inc., New York, N. Y. Perfume and toilet water. 361,983, Nov. 8, 1938. Republished Sept. 7. Class 6.

Houghton, E. F., & Co., Philadelphia, Pa. Oils or the like for treating cotton, etc. 233,907, Oct. 11, 1927. Republished Sept. 7. Class 6.
Houghton, E. F., & Co. Philadelphia, Pa. Check straps. 234,206, Oct. 18, 1927. Republished Sept. 7. Class 23.
House of Platé, Detroit, Mich. Activated toy bird figure. 440,472, Sept. 7; Serial No. 511,219, published May 25, 1948. Class 22.
House of Puzzy, The: *See*—
Cohn, Herman.
Howell Company, Inc., The, New Orleans, La. Preparation for chills, fever, colds, etc. 244,117, renewed July 10, 1948. O. G. Sept. 7. Class 6.
Hudson, H. D., Manufacturing Company: *See*—
Hudson Manufacturing Co.
Hudson Manufacturing Co., Minneapolis, Minn., by H. D. Hudson Manufacturing Company, Chicago, Ill. Hand-operated portable sprayers and parts thereof. 232,872, Sept. 20, 1927. Republished Sept. 7. Class 23.
Hulsh, R. R., doing business as Nabs-Oyle Co., by Nabs-Oyle Corporation, Chicago, Ill. Drying-up and absorbent mineral compound. 408,475, Aug. 15, 1944. Republished Sept. 7. Class 4.
Hunt Foods, Inc.: *See*—
California Conserving Company, Incorporated.
Hygienic Products Company, The, Canton, Ohio. Water softener. 243,057, renewed June 12, 1948. O. G. Sept. 7. Class 6.
Ideal Novelty & Toy Co., Hollis, N. Y. Dolls and toy rubber animals and figures. 440,498, Sept. 7; Serial No. 518,078, published May 25, 1948. Class 22.
Indianapolis Glove Company: *See*—
Coshocton Glove Co., The.
Indianapolis Glove Company, Indianapolis, Ind. Gloves and mittens. 321,307, Jan. 29, 1935. Republished Sept. 7. Class 39.
Inland Container Corporation: *See*—
Detroit Paper Products Corporation.
International Harvester Company, Chicago, Ill. Lubricating oil. 233,573, Oct. 4, 1927. Republished Sept. 7. Class 15.
International Radio Corporation, by Argus, Incorporated, Ann Arbor, Mich. Photographic equipment. 360,082, Sept. 6, 1938. Republished Sept. 7. Class 26.
International Society of Air Affairs, Bethesda, Md. Periodical publications. 440,518, Sept. 7; Serial No. 525,216, published June 8, 1948. Class 38.
Interstate Milling Company, Charlotte, N. C. Poultry feeds, mill feeds, that is, wheat bran, shorts, and screenings, etc. 440,480, Sept. 7; Serial No. 513,420, published June 8, 1948. Class 46.
Interstate Milling Company, Charlotte, N. C. Poultry feeds. 440,481–3, Sept. 7; Serial Nos. 513,423–5, published June 1, 1948. Class 46.
Iowa Feed Company, assignor to F. H. Kelley, Des Moines, Iowa. Mixing base or concentrate. 440,469, Sept. 7; Serial No. 510,393, published June 8, 1948. Class 46.
Irving Air Chute Company, Inc., Buffalo, N. Y. Parachutes, parachute packs, and parachute harness. 228,084–5, May 24, 1948. Republished Sept. 7. Class 19.
Irving Air Chute Company, Inc., Buffalo, N. Y. Parachutes, parachute packs, and parachute harness. 228,087, May 24, 1927. Republished Sept. 7. Class 19.
Irving Air Chute Company, Inc., Buffalo, N. Y. Parachutes. 255,440, Apr. 23, 1929. Republished Sept. 7. Class 19.
Italy Laboratories: *See*—
Martino, Antonino R.
Italy Laboratories, Inc.: *See*—
Martino, Antonino R.
Jadow, B., Inc., New York, N. Y. Watch movements and parts thereof. 316,453, Aug. 28, 1934. Republished Sept. 7. Class 27.
January and Wood Company, Maysville, Ky. Cotton twine and cord. 288,611, Nov. 3, 1931. Republished Sept. 7. Class 7.
Jeffreys, L. P., Fort Worth, Tex. Window shade and curtain rod brackets. 440,463, Sept. 7; Serial No. 507,983, published June 1, 1948. Class 13.
Jingle Jangle Toys: *See*—
Kick, William E.
Johnson Biscuit Company, Sioux City, Iowa. Chocolates. 97,057, May 19, 1914. Corrected. O. G. Sept. 7. Class 46.
Jones & Woodland, by Jones & Woodland Company, Newark, N. J. Rings. 48,132, Dec. 21, 1905. Republished Sept. 7. Class 28.
Kali Manufacturing Co., Philadelphia, Pa. Soluble pine oil. 249,638, renewed Nov. 20, 1948. O. G. Sept. 7. Class 6.
Kasin, V. A., Molded Products: *See*—
Kasin, Vincent A.
Kasin, Vincent A., doing business as V. A. Kasin Molded Products, Hollywood, Calif. Artificial fish lures and fish lure kits. 440,519, Sept. 7; Serial No. 525,218, published May 25, 1948. Class 22.
Kelco Company, San Diego, Calif. Alginate product. 370,290, Aug. 22, 1939. Republished Sept. 7. Class 46.
Kelco Company, San Diego, Calif. Alginate product. 372,226, Oct. 24, 1939. Republished Sept. 7. Class 6.
Kelco Company, San Diego, Calif. Algin product. 407,419, June 6, 1944. Republished Sept. 7. Class 16.
Kelco Company, San Diego, Calif. Algin product containing sugar and dextrin. 419,335, Feb. 12, 1946, Republished Sept. 7. Class 46.
Kelco Company, San Diego, Calif. Powdered algin product for use as a hydrophilic colloid etc. 501,997, Sept. 7; Serial No. 528,729, published Apr. 13, 1948. Class 46.
Kelley, F. H., assignee: *See*—
Iowa Feed Company.
Kellogg, John L., Chicago, Ill. Nonalcoholic, noncereal, maltless beverage and syrups and concentrates. 440,490, Sept. 7; Serial No. 515,186, published June 8, 1948. Class 45.
Kelly, William, Milling Company, The: *See*—
Kelly, Wm., Milling Company.
Kelly, Wm., Milling Company, to The William Kelly Milling Company, Hutchinson, Kans. Wheat flour. 69,629, re-renewed June 23, 1948. O. G. Sept. 7. Class 46.
Kenneth, Malcolm, Co., Boston, Mass., by J. & J. Crombie, Limited, Aberdeen, Scotland. Men's outer clothing. 329,460, Oct. 29, 1935. Republished Sept. 7. Class 39.
Kern & Co. A-G, Aarau, Switzerland. Objective lenses. 440,442, Sept. 7; Serial No. 494,563, published May 18, 1948. Class 26.
Keuffel & Esser, Hoboken, N. J. Tracing paper. 440,510, Sept. 7; Serial No. 521,663, published June 8, 1948. Class 37.
Kick, William E., doing business as Jingle Jangle Toys, Glendale, Calif. Suspension holder for toys. 440,513, Sept. 7; Serial No. 521,898, published May 25, 1948. Class 22.
Kinney, Edward C., Chicago, Ill. Writing paper, envelopes, and blank gummed labels. 427,989, Mar. 4, 1947. Republished Sept. 7. Class 37.
Klink Citrus Association, Klink, to Klink Citrus Association, Ivanhoe, Calif. Fresh oranges, fresh lemons, and fresh grapefruit. 249,329, renewed Nov. 13, 1948. O. G. Sept. 7. Class 46.
Knobby Krafters, The: *See*—
Nerney, Lester W.
Kohner Bros., New York, N. Y. Animated toys. 440,492, Sept. 7; Serial No. 516,081, published June 1, 1948. Class 22.
Kohner Bros., New York, N. Y. Animated toys. 440,503, Sept. 7; Serial No. 519,759, published June 1, 1948. Class 22.
Kosto Co., The, Chicago, Ill. Preparations used in making ice cream and other frozen food products. 323,235, Apr. 9, 1935. Republished Sept. 7. Class 46.
La Bour Company, Inc., The, Elkhart, Ind. Pumps and parts thereof. 318,891, Nov. 6, 1934. Republished Sept. 7. Class 23.
Laila, John F., Company, Chicago, Ill. Canned fruits, canned vegetables, canned salmon. 127,075, Oct. 21, 1919. Republished Sept. 7. Class 46.
Lamm Brothers, Inc., Baltimore, Md. Men's and boys' suits. 361,477, Oct. 18, 1938. Republished Sept. 7. Class 39.
Lamm Brothers, Inc., Baltimore, Md. Overcoats, raincoats, topcoats, etc. 408,083, July 18, 1944. Republished Sept. 7. Class 39.
Lampert, Irving, doing business as Irving Lampert Co., by New York Eye Protection Co., Inc., Brooklyn, N. Y. Eyeglass lenses, spectacle lenses, gun sight lenses. 395,771, June 9, 1942. Republished Sept. 7. Class 26.
Lampert, Irving, Co.: *See*—
Lampert, Irving.
Lamson & Sessions Company, The, Cleveland, Ohio. Wire-rope clips. 162,529, Dec. 19, 1922. Republished Sept. 7. Class 13.
Le Pages, Inc.: *See*—
Russia Cement Company.
Le Rae Hat Co., by Baer, Sternberg & Cohen, St. Louis, Mo. Headwear. 278,386, Dec. 16, 1930. Republished Sept. 7. Class 39.
Le Rae Hat Co., by Baer, Sternberg & Cohen, St. Louis, Mo. Headwear. 278,507, Dec. 23, 1930. Republished Sept. 7. Class 39.
Levin, Ezra, Chicago, Ill. Cereal grain germ product. 321,225, Jan. 22, 1935. Republished Sept. 7. Class 46.
Lewis, Florence N., doing business as Elizabeth Arden, by Elizabeth Arden Sales Corporation, New York, N. Y. Toilet lotions, face and skin creams, perfumes, etc. 205,732, Nov. 17, 1925. Republished Sept. 7. Class 6.
Line, Rexel L., doing business as Rex Line Bait Company, Kankakee, Ill. Artificial fishing lures. 440,520, Sept. 7; Serial No. 525,223, published May 25, 1948. Class 22.
Link-Belt Company, Chicago, Ill. Heat-treated ferrous metals. 248,922, renewed Nov. 6, 1948. O. G. Sept. 7. Class 14.
Lister & Company Limited, Bradford, Yorkshire, England. Carpets and rugs. 70,889, re-renewed Oct. 13, 1948. O. G. Sept. 7. Class 42.
Lorillard, P., Company, New York, N. Y. Smoking and chewing tobacco. 502,029, Sept. 7; Serial No. 536,916. Class 17.

Lorillard, P., Company, New York, N. Y. Smoking and chewing tobacco. 502,030, Sept. 7; Serial No. 536,921, published June 8, 1948. Class 17.

Lu-Optic Mfg. Co., Brooklyn, N. Y. Eye glasses. 440,465, Sept. 7; Serial No. 508,802, published May 18, 1948. Class 26.

Luxite Silk Products Company, by Holeproof Hosiery Co., Milwaukee, Wis. Glove-silk underwear. 246,310, Sept. 4, 1928. Republished Sept. 7. Class 39.

Luxor, Limited, to Armour and Company, Chicago, Ill. Cold and cleansing cream, tissue cream, vanishing cream, etc. 238,588, renewed Feb. 14, 1948. O. G. Sept. 7. Class 6.

M. K. M. Hosiery Mills, Inc: *See*—
Massachusetts Knitting Mills.

Maas & Waldstein Company, Newark, N. J. Technical data bulletin. 440,486, Sept. 7; Serial No. 514,764, published June 8, 1948. Class 38.

Mabry, Wilber R., Kansas City, Mo. Games. 440,516, Sept. 7; Serial No. 523,848, published May 25, 1948. Class 22.

Mahady, E. F., Company, Boston, Mass. Invalids' bedside cabinets, invalids' straight chairs, allergy pillows, etc. 415,677, Aug. 14, 1945. Republished Sept. 7. Class 44.

Mandel & Cohen, by I. H. Cohen, New York, N. Y. Hosiery, pajamas, bathing suits, etc. 311,702, Apr. 3, 1934. Republished Sept. 7. Class 39.

Manufacturers and Fabricators, Inc., Elyria, Ohio. Non-electric industrial furnaces and parts therefor. 431,664, July 29, 1947. Republished Sept. 7. Class 34.

Margo Wine Company: *See*—
Bisceglia Brothers Corp.

Marra, Joseph F.: *See*—
Goldenhorn, Bernard.

Marsh, William E.: *See*—
Parker, Edgar W.

Martin, Katherine, Inc.: *See*—
Milky-Way Company, Inc., The.

Martino, Antonino R., doing business as Italy Laboratories, by Italy Laboratories, Inc., New York, N. Y. Hair color restorer. 280,177, Feb. 10, 1931. Republished Sept. 7. Class 6.

Maryland Distillers Products Company, assignor to Continental Distilling Corporation, Baltimore, Md. Liqueur. 440,440, Sept. 7; Serial No. 484,792, published Jan. 14, 1947. Class 49.

Maryland Pharmaceutical Company, The: *See*—
Hollander-Koshland Co., The.

Massachusetts Knitting Mills, by M. K. M. Hosiery Mills, Inc., Boston, Mass. Hosiery. 166,017, Mar. 27, 1923. Republished Sept. 7. Class 39.

Maucher, Hans, doing business as Norma Pencil Company, by Norma Pencil Corporation, New York, N. Y. Pencils. 320,620, Jan. 1, 1935. Republished Sept. 7. Class 37.

Mawer-Gulden-Annis, Inc.: *See*—
Albers Packing Company.
Gulden, Charles.

Mentholatum Company, The, Buffalo, N. Y. Shaving cream and soap shampoo. 246,995, Sept. 18, 1928. Republished Sept. 7. Class 4.

Mercoid Corporation, The: *See*—
Federal Gauge Co., The.
Federal Gauge Company, The.

Meredith Publishing Company, Des Moines, Iowa. Publication relating to homes, gardens, and the like. 502,037, Sept. 7; Serial No. 541,780, published June 8, 1948. Class 38.

Meyercord Company, The, Chicago, Ill. Decalcomanias. 278,792, Dec. 30, 1930. Republished Sept. 7. Class 38.

Meyercord Company, The, Chicago, Ill. Decalcomanias. 281,401, Mar. 17, 1931. Republished Sept. 7. Class 38.

Meyercord Company, The, Chicago, Ill. Decalcomanias. 359,544, Aug. 23, 1938. Republished Sept. 7. Class 38.

Meyercord Company, The, Chicago, Ill. Decalcomanias. 360,006, Sept. 6, 1938. Republished Sept. 7. Class 38.

Meyercord Company, The, Chicago, Ill. Commercial and decorative decalcomanias. 428,875, Apr. 8, 1947. Republished Sept. 7. Class 38.

Meyercord Company, The, Chicago, Ill. Commercial and decorative decalcomanias. 428,876, Apr. 8, 1947. Republished Sept. 7. Class 38.

Milky-Way Company, Inc., The, Chicago, Ill., to M. E. Hall, New York, N. Y., assignor to Katherine Martin, Inc. Massage and cleansing cream, and a facial bleach pack. 225,082, renewed Mar. 8, 1948. O. G. Sept. 7. Class 6.

Miller Rubber Company, The, to The B. F. Goodrich Company, Akron, Ohio. Stomach tubes, breast pumps, combination syringe outfits, etc. 245,190, renewed Aug. 7, 1948. O. G. Sept. 7. Class 44.

Miller Rubber Company, The, to The B. F. Goodrich Company, Akron, Ohio. Pneumatic tires and inner tubes. 245,855, renewed Aug. 21, 1948. O. G. Sept. 7. Class 35.

Miller Rubber Company, The, to The B. F. Goodrich Company, Akron, Ohio. Bathing caps, household aprons, rubber overshoes, etc. 247,337, renewed Sept. 25, 1948. O. G. Sept. 7. Class 39.

Milwaukee Lace Paper Company, Milwaukee, Wis. Paper cups. 431,584, July 29, 1947. Republished Sept. 7. Class 2.

Mock, Judson, Voehringer Company of New York, Inc., by Mojud Hosiery Co., Inc., Long Island City, N. Y. Hosiery. 332,603, Feb. 18, 1936. Republished Sept. 7. Class 39.

Mojud Hosiery Co., Inc.: *See*—
Gor-Jus Hosiery Mills, Inc., The.
Mock, Judson, Voehringer Company of New York, Inc.

Mueller Electric Co., Cleveland, Ohio. Connection clips. 249,985, renewed Nov. 27, 1948. O. G. Sept. 7. Class 21.

Musebeck Shoe Company, Danville, by Picture Recording Company, Chicago, Ill. Projector screens. 416,076, Aug. 28, 1945. Republished Sept. 7. Class 26.

N. V. Cacao- En Chocoladefabriek "Union," Haarlem, Netherlands. Cocoa, chocolate, jams, etc. 440,495, Sept. 7; Serial No. 517,114, published June 1, 1948. Class 46.

N. V. Vernis- en Verffabriek v. h. J. Wagemakers & Zonen, to Naamlooze Vennootschap Vernis- En Verfwarenfabriek Voorheen J. Wagemakers & Zonen, Breda, Netherlands. Paints. 170,733, renewed July 24, 1943. O. G. Sept. 7. Class 16.

Naamlooze. Vennootschap Vernis- En Verfwarenfabriek Voorheen J. Wagemakers & Zonen: *See*—
N. V. Vernis- en Verffabriek v. h. J. Wagemakers & Zonen.

Nabs-Oyle Co.: *See*—
Hulsh, R. R.

Nabs-Oyle Corporation: *See*—
Hulsh, R. R.

National India Rubber Co., Bristol, R. I., to United States Rubber Company, New York, N. Y. Insulated wire. 70,737, re-renewed Sept. 29, 1948. O. G. Sept. 7. Class 21.

National Lock Co., Rockford, Ill. Locks, keys, and key blanks. 415,102, July 10, 1945. Republished Sept. 7. Class 25.

National Lock Co., Rockford, Ill. Latches and catches. 425,586, Nov. 26, 1946. Republished Sept. 7. Class 25.

National Supply Company, The: *See*—
National Supply Company of California, The.

National Supply Company, The, Toledo, Ohio, by The National Supply Company, Pittsburgh, Pa. Metal balls for plugging dry wells, Babbitt metal, solder, etc. 121,642, May 14, 1918. Republished Sept. 7. Class 14.

National Supply Company, The, Toledo, Ohio, by The National Supply Company, Pittsburgh, Pa. Metal plugs, for dry oil and gas wells, and metal pipe couplings, etc. 136,551, Nov. 2, 1920. Republished Sept. 7. Class 13.

National Supply Company, The, Pittsburgh, Pa. Metal pipes and tubes. 370,577, Aug. 29, 1939. Republished Sept. 7. Class 13.

National Supply Company of California, The, Torrance, Calif., by The National Supply Company, Pittsburgh, Pa. Steam engines and parts thereof. 322,069, Feb. 26, 1935. Republished Sept. 7. Class 23.

Naugatuck Chemical Company, The, to United States Rubber Company, New York, N. Y. Dinitrophenyl dimethyl dithiocarbamate. 246,347, renewed Sept. 4, 1948. O. G. Sept. 7. Class 6.

Naugatuck Chemical Company, The, to United States Rubber Company, New York, N. Y. Chemical preparation. 246,413, renewed Sept. 4, 1948. O. G. Sept. 7. Class 6.

Neox S. A., Lausanne, Switzerland. Photographic cameras and parts thereof, light meters, range and objective finders, and enlargers 440,487, Sept. 7; Serial No. 514,770, published May 25, 1948. Class 26.

Nerney, Lester W., doing business as The Knobby Krafters, to Knobby Krafters, Attleboro, Mass. Bracelets, brooches, lingerie fasteners, etc. 243,881, renewed July 3, 1948. O. G. Sept. 7. Class 28.

Neuman & Schwiers Company, The, New York, N. Y. Sardines. 70,961, re-renewed Oct. 20, 1948. O. G. Sept. 7. Class 46.

Neuweiler's Sons, Louis F., Allentown, Pa. Ale. 502,001, Sept. 7; Serial No. 529,397, published June 8, 1948. Class 48.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed paper. 226,659, Apr. 19, 1927. Republished Sept. 7. Class 37.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Paper bags and cartons. 289,251, Nov. 24, 1931. Republished Sept. 7. Class 2.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed paper. 296,366, Aug. 2, 1932. Republished Sept. 7. Class 37.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Baked goods. 306,572, Sept. 26, 1933. Republished Sept. 7. Class 46.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Wrappers. 340,913, Nov. 24, 1936. Republished Sept. 7. Class 37.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed paper, transparent paper, and wrapping paper. 355,787, Mar. 29, 1938. Republished Sept. 7. Class 37.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed, transparent, and wrapping paper. 386,656, Apr. 22, 1941. Republished Sept. 7. Class 37.

New England Confectionery Company: *See*—
New England Confectionery Co.

New England Confectionery Co., Portland, Maine, and Boston, Mass., to New England Confectionery Company, Cambridge, Mass. Chocolate candies. 70,260-3, re-re-renewed Aug. 18, 1948. O. G. Sept. 7. Class 46.

New York Eye Protection Co., Inc.: *See*—
Lampert, Irving.

New York Merchandise Co., Inc., New York, N. Y. Plastic toy whistles, toy piano sets, plastic toy furniture sets, etc. 440,524, Sept. 7; Serial No. 489,524. Class 22.

New York Times Company, The, New York, N. Y. Newspaper section. 247,125, renewed Sept. 18, 1928. O. G. Sept. 7. Class 38.

Nilson, John L., Chicago, Ill. Golf clubs and parts thereof. 440,505, Sept. 7; Serial No. 519,894, published May 25, 1948. Class 22.

Nina Doll Co.: *See*—
Clark, Alice L.

Nisbet, W. B., Company: *See*—
Nisbet, Walter B.

Nisbet, Walter B., doing business as W. B. Nisbet Company, Los Angeles, Calif. Products for treating gastro-intestinal disturbances. 386,172, Mar. 25, 1941. Republished Sept. 7. Class 6.

Norcross, New York, N. Y. Greeting cards, printed greeting folders, calendars, etc. 440,455, Sept. 7; Serial No. 506,338, published May 25, 1948. Class 38.

Norma Pencil Company: *See*—
Maucher, Hans.

Norma Pencil Corporation: *See*—
Maucher, Hans.

North, John E., Portland, Oreg. Fishing reels. 440,473, Sept. 7; Serial No. 511,283, published May 25, 1948. Class 22.

Norton, Anne, Anderson, Ind. Dolls. 440,441, Sept. 7; Serial No. 492,217, published May 25, 1948. Class 22.

Norwich Line Company, Inc., Norwich, N. Y. Fishing lines. 440,478, Sept. 7; Serial No. 512,527, published May 25, 1948. Class 22.

Norwich Pharmacal Company, The, Norwich, N. Y. Alteratives, analgesics, anaphrodisiacs, etc. 248,261, renewed Oct. 16, 1948. O. G. Sept. 7. Class 6.

Noveck, Morris, doing business as Dermatox Chemical Co., New Britain, Conn. Skin lotion and an antiseptic toilet cream. 246,132, renewed Sept. 4, 1948. O. G. Sept. 7. Class 6.

Nutrena Feed Mills, Inc., Kansas City, Kans., to Nutrena Mills Inc., Minneapolis, Minn. Stock and poultry feeds. 243,246, renewed June 12, 1948. O. G. Sept. 7. Class 46.

Nutrena Mills Inc.: *See*—
Nutrena Feed Mills, Inc.

O'Donnell Shoe Corporation: *See*—
Pioneer Shoe Manufacturing Company, The.

Old Colony Envelope Company, Westfield, Mass. Bulletin, house organ, and trade publications. 502,028, Sept. 7; Serial No. 536,544, published June 1, 1948. Class 38.

Osborn Manufacturing Company, The: *See*—
Cleveland Osborn Manufacturing Company, The.

Osborn Manufacturing Company, The, Cleveland, Ohio. Rotary brushes, end brushes, and twisted stem brushes. 417,141, Oct. 16, 1945. Republished Sept. 7. Class 23.

Osborn Manufacturing Company, The, Cleveland, Ohio. Wire brushes forming parts of industrial machines, brushes made from wire. 430,118, June 10, 1947. Republished Sept. 7. Class 23.

Pacific Coast Borax Company, San Francisco, Calif., by Pacific Coast Borax Company, New York, N. Y. Borax soap. 50,383, Mar. 13, 1906. Republished Sept. 7. Class 4.

Pacific Coast Borax Company, San Francisco, Calif., by Pacific Coast Borax Company, New York, N. Y. Borax soap. 50,555, Mar. 20, 1906. Republished Sept. 7. Class 4.

Page Steel and Wire Company, Adrian, Mich., and Bridgeport, Conn., by American Chain & Cable Company, Inc., Bridgeport, Conn. Metal fence, metal fence posts, fence parts, etc. 282,417, Oct. 8, 1929. Republished Sept. 7. Class 13.

Page Steel and Wire Company, Adrian, Mich., and Bridgeport, Conn., by American Chain & Cable Company, Inc., Bridgeport, Conn. Steel and iron rods, steel and iron wire, etc. 288,450, Oct. 27, 1931. Republished Sept. 7. Class 14.

Palmetto Baking Company: *See*—
Peoples Baking Co.

Paramount Knitting Co., by Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 56,142, Aug. 28, 1906. Republished Sept. 7. Class 39.

Paramount Knitting Company, by Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 66,525, Dec. 10, 1907. Republished Sept. 7. Class 39.

Paramount Knitting Company, by Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 116,449, May 1, 1917. Republished Sept. 7. Class 39.

Parfums Massenet Incorporated, by George R. Parkinson, New York, N. Y. Perfumes and toilet waters. 411,218, Jan. 9, 1945. Republished Sept. 7. Class 6.

Parker, Dr., Medicine Co.: *See*—
Parker, Edgar W.

Parker, Dr., Medicine Company: *See*—
Parker, Edgar W.

Parker, Edgar W., doing business as Dr. Parker Medicine Co., Tampa, Fla., to W. E. Marsh, doing business as Dr. Parker Medicine Company, Chicago, Ill. General vitalizing tonic in tablet form. 249,544, renewed Nov. 20, 1948. O. G. Sept. 7. Class 6.

Parkinson, George R.: *See*—
Parfums Massenet Incorporated.

Pechter Baking Co. Inc., New York, N. Y. Bread. 502,015, Sept. 7; Serial No. 529,925, published June 1, 1948. Class 46.

Pendergast, T. J., Wholesale Liquor Co., Kansas City, Mo. Whiskey, gin, rum, etc. 334,203, Apr. 21, 1936. Republished Sept. 7. Class 49.

Pendergast, T. J., Wholesale Liquor Co., Kansas City, Mo. Whiskey, gin, rum, etc. 346,559, July 1, 1937. Republished Sept. 7. Class 49.

Peninsular Paper Co., Ypsilanti, Mich. Book and cover paper. 52,731, May 15, 1906. Republished Sept. 7. Class 37.

Peninsular Paper Company, Ypsilanti, Mich. Printing, writing, cover, and bond paper. 146,836, Sept. 20, 1921. Republished Sept. 7. Class 37.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 166,926, Apr. 17, 1923. Republished Sept. 7. Class 37.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper, 169,182, June 12, 1923. Republished Sept. 7. Class 37.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 177,851, Jan. 1, 1924. Republished Sept. 7. Class 37.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper and announcement paper. 303,583, May 30, 1933. Republished Sept. 7. Class 37.

Penn Tobacco Company, Wilkes-Barre, Pa. Smoking tobacco. 502,036, Sept. 7; Serial No. 539,746, published June 8, 1948. Class 17.

Peoples Baking Co., by Palmetto Baking Company, Orangeburg, S. C. Bread. 331,517, Jan. 14, 1936. Republished Sept. 7. Class 46.

Peschel Laboratory Products: *See*—
Peschel, Peter L.

Peschel, Peter L., doing business as Peschel Laboratory Products, Chicago, Ill. Laxative. 417,218, Oct. 16, 1945. Republished Sept. 7. Class 6.

Pfaffmann Company, The: *See*—
Pfaffmann Egg Noodle Co., The.

Pfaffmann Egg Noodle Co., The, to The Pfaffmann Company, Cleveland, Ohio. Macaroni. 69,777, re-renewed July 7, 1948. O. G. Sept. 7. Class 46.

Philadelphia Seed Co., The, Philadelphia, Pa. Grass, field, and agricultural seeds. 418,999, Jan. 15, 1946. Republished Sept. 7. Class 1.

Picture Recording Company: *See*—
Musebeck Shoe Company.

Pierce, S. S., Co., Boston, Mass. Cigars. 47,704, Nov. 14, 1905. Republished Sept. 7. Class 17.

Pierce, S. S., Co., Boston, Mass. Cigars. 58,233, Dec. 11, 1906. Republished Sept. 7. Class 17.

Pierce, S. S., Co., Boston, Mass. Baking powder. 58,713, Dec. 25, 1906. Republished Sept. 7. Class 46.

Pierce, S. S., Co., Boston, Mass. Canned vegetables, canned fruits, canned soups, etc. 62,560, May 14, 1907. Republished Sept. 7. Class 46.

Pierce, S. S., Co., Boston, Mass. Cigars. 176,139, Nov. 20, 1923. Republished Sept. 7. Class 17.

Pierce, S. S., Co., Boston, Mass. Canned fruits and canned vegetables. 181,676, Mar. 25, 1924. Republished Sept. 7. Class 46.

Pierce, S. S., Co., Boston, Mass. Cigars. 204,467, Oct. 20, 1925. Republished Sept. 7. Class 17.

Pierce, S. S., Co., Boston, Mass. Cigarettes. 229,043, June 21, 1927. Republished Sept. 7. Class 17.

Pinee Chemical Co., The: *See*—
Thornton, Julian F.

Pinee Chemical Company: *See*—
Thornton, Julian F.

Pinehurst Textiles, Inc.: *See*—
Sexton Mfg. Co.

Pioneer Shoe Manufacturing Company, The, Kansas City, Mo., to O'Donnell Shoe Corporation, Humboldt, Tenn. Leather shoes and boots. 246,452, renewed Sept. 4, 1948. O. G. Sept. 7. Class 39.

Pioneer Suspender Company, Philadelphia, Pa. Garters, braces, and suspenders. 501,989, Sept. 7; Serial No. 527,379, published Apr. 6, 1948. Class 39.

Pitet, Robert Y. L., to Etablissements Pitet Aine, Paris, France. Artists' brushes and house painters' brushes. 165,481, renewed Mar. 13, 1943. O. G. Sept. 7. Class 29.

Pitet, Robert Y. L., to Etablissements Pitet Aine, Paris, France. House painters' brushes. 165,482, renewed Mar. 13, 1943. O. G. Sept. 7. Class 29.

Potomac Distilling Corporation, Baltimore, Md., by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada. Whiskey, gin, rum, brandy, etc. 318,371, Oct. 23, 1934. Republished Sept. 7. Class 49.

Poultry Tribune Company, Mount Morris and Chicago, Ill., to Watt Publishing Co., Mount Morris, Ill. Monthly magazine. 230,938, renewed Aug. 9, 1947. O. G. Sept. 7. Class 38.

Pritchardsons': *See*—
Garden City Laboratory.
Pure Carbonic, Incorporated, New York, N. Y. Gas pressure control valves. 440,475, Sept. 7; Serial No. 511,578, published Feb. 3, 1948. Class 13.
Puritan Compressed Gas Corporation, Kansas City, Mo. Glass prepared for medical purposes. 374,872, Jan. 30, 1940. Republished Sept. 7. Class 6.
Puritan Compressed Gas Corporation, Kansas City, Mo. Equipment used for the administration of anesthetic, resuscitation and therapeutic gases. 428,111, Mar. 11, 1947. Republished Sept. 7. Class 44.
Pyramid Leather Goods Co., Inc., New York, N. Y. Ladies', misses', and children's handbags. 420,425, Apr. 9, 1946. Republished Sept. 7. Class 3.
Queen Manufacturing Corp., New York, N. Y. Separable fasteners. 440,462, Sept. 7; Serial No. 507,490, published June 8, 1948. Class 13.
Queen Manufacturing Corp., New York, N. Y. Separable fasteners. 440,470, Sept. 7; Serial No. 510,445, published June 8, 1948. Class 13.
Quvas Products Inc., West Orange, N. J. Toys. 440,489, Sept. 7; Serial No. 515,048, published May 25, 1948. Class 22.
Raab-Meyerhoff, M. H., Co., Philadelphia, Pa. Outer shirts. 389,432, Aug. 5, 1941. Republished Sept. 7. Class 39.
Radio Engineering Magazine, Inc., to Bryan Davis Publishing Co., Inc., New York, N. Y. Monthly magazine. 243,004, renewed June 12, 1948. O. G. Sept. 7. Class 38.
Red "C" Oil Company, The, Baltimore, Md., to The Atlantic Refining Company, Philadelphia, Pa. Illuminating oil and gasoline. 244,587, renewed July 24, 1948. O. G. Sept. 7. Class 15.
Red & Green Tackle Company, Detroit, Mich. Artificial fish lure. 440,512, Sept. 7; Serial No. 521,822, published May 25, 1948. Class 22.
Reed & Carnrick, Jersey City, N. J. Alkaline tablets. 301,974, Mar. 21, 1933. Republished Sept. 7. Class 6.
Reliable Coal and Supply Company, The, Columbus, Ohio. Coal. 241,539, May 1, 1928. Republished Sept. 7. Class 1.
Revere Camera Company, Chicago, Ill. Motion picture cameras and projectors. 501,992, Sept. 7; Serial No. 527,862, published May 18, 1948. Class 26.
Revere Rubber Company, Boston, Mass., to United States Rubber Company, New York, N. Y. Hose, belting, packing, etc. 31,930, re-renewed Sept. 6, 1948. O. G. Sept. 7. Class 35.
Rex Line Bait Company: *See*—
Line, Rexel L.
Rex, M. A., Los Angeles, Calif. Canned sardines (fish). 239,151, renewed Feb. 21, 1948. O. G. Sept. 7. Class 46.
Rex Research Corporation, Toledo, Ohio. Insecticide and insect repellent. 249,043, renewed Nov. 6, 1948. O. G. Sept. 7. Class 6.
Reynolds Pen Company, Chicago, Ill. Fountain pens. 440,509, Sept. 7; Serial No. 521,535, published June 8, 1948. Class 37.
Richman, N. J., Co., New York, N. Y. Table linens embroidered. 236,215, Dec. 6, 1927. Republished Sept. 7. Class 42.
Richman, N. J., Co., New York, N. Y. Table cloths, scarfs, doilies, etc. 399,738, Jan. 26, 1943. Republished Sept. 7. Class 42.
Richmond Hosiery Mills: *See*—
Andrews, A. B., Company.
Rosner, Ernest B., doing business as Champion Sports Equipment Co., assignor to Service Screw Products Co., Chicago, Ill. Fishing reels. 440,499, Sept. 7; Serial No. 518,325, published May 25, 1948. Class 22.
Ross Engineering & Equipment Co.: *See*—
Ross, Milburn M.
Ross, Milburn M., doing business as Ross Engineering & Equipment Co., Wichita, Kans. Tennis rackets, tennis balls, badminton rackets, etc. 440,445, Sept. 7; Serial No. 500,829, published May 25, 1948. Class 22.
Rothschild Bros. Hat Company, St. Louis, Mo. Men's, youths' and boys' hats. 364,038, Jan. 17, 1939. Republished Sept. 7. Class 39.
Russia Cement Company, by Le Page, Inc., Gloucester, Mass. Liquid glue, mucilage, and adhesive paste. 72,172, Jan. 5, 1909. Republished Sept. 7. Class 5.
Salsgeber, Gustave A., doing business as Star Compass Company, Dorchester, to G. A. Salsgeber, doing business as Star Compass Co., Milton, Mass. Magnetic compasses. 238,440, renewed Feb. 7, 1948. O. G. Sept. 7. Class 26.
San-Nap-Pak Manufacturing Co., Inc., New York, N. Y. Sanitary napkins. 292,019, Mar. 1, 1932. Republished Sept. 7. Class 44.
San-Nap-Pak Manufacturing Company, Inc., New York, N. Y. Sanitary napkins and sanitary belts. 303,714, June 6, 1933. Republished Sept. 7. Class 44.
San-Nap-Pak Mfg. Co. Inc., New York, N. Y. Cleansing tissue. 326,597, July 30, 1935. Republished Sept. 7. Class 37.
San-Nap-Pak Manufacturing Company, Inc., New York, N. Y. Cleansing tissue. 334,647, May 12, 1936. Republished Sept. 7. Class 37.
San-Nap-Pak Mfg. Company, Inc., New York, N. Y. Toilet tissue. 363,724, Jan. 3, 1939. Republished Sept. 7. Class 37.
San-Nap-Pak Mfg. Co., Inc., New York, N. Y. Sanitary napkins. 414,865, July 3, 1945. Republished Sept. 7. Class 44.
Saurage, Henry N., doing business as Baton Rouge Coffee-mills, by Community Coffee Mills, Baton Rouge, La. Coffee. 227,922, May 17, 1927. Republished Sept. 7. Class 46.
Schein Brothers: *See*—
Schein Brothers, Inc.
Schein Brothers, Inc., by Schein Brothers, New York, N. Y. Jewelry. 321,966, Feb. 19, 1935. Republished Sept. 7. Class 28.
School of Radio Technique, Inc., The, New York, N. Y. Mechanically grooved phonograph records. 440,458, Sept. 7; Serial No. 506,615, published June 8, 1948. Class 36.
Schwartz, F. A. O.: *See*—
Firm of Schwartz, F. A. O., The.
Scotts Valley Fruit Exchange, Lakeport, Calif. Fresh deciduous fruits. 357,471, June 7, 1938. Republished Sept. 7. Class 46.
Sears, Julius, doing business under the name and style of Dearborn Industries, Detroit, Mich. Game of skill including a game board and movable game pieces. 440,507, Sept. 7; Serial No. 520,532, published May 25, 1948. Class 22.
Sensenbrenner, A., Sons, Los Angeles, Calif. Cigars. 502,033, Sept. 7; Serial No. 537,834, published June 1, 1948. Class 17.
Service Screw Products Co., assignee: *See*—
Rozner, Ernest B.
Sexton Mfg. Co., Fairfield, Ill., by Pinehurst Textiles, Inc., Ashboro, N. C. Men's underwear and night wear. 236,437, Dec. 13, 1927. Republished Sept. 7. Class 39.
Shaler Company, The, Waupun, Wis. Penetrating oils. 366,687, Apr. 25, 1939. Republished Sept. 7. Class 15.
Sharon Steel Corporation, Sharon, Pa. Hot rolled strip steel, cold rolled strip steel, etc. 354,873, Mar. 1, 1938. Republished Sept. 7. Class 14.
Shipley, R. C., Manufacturing Company: *See*—
Shipley, Robert C.
Shipley, Robert C., doing business as R. C. Shipley Manufacturing Company, Kalamazoo, Mich. Cribbage score boards. 502,000, Sept. 7; Serial No. 529,313, published Mar. 30, 1948. Class 22.
Show Doll Co., New York, N. Y. Dolls. 440,511, Sept. 7; Serial No. 521,759, published May 25, 1948. Class 22.
Shuron Optical Company, Inc., Geneva, N. Y. Opthalmic lenses and lens blanks. 440,471, Sept. 7; Serial No. 511,112, published June 1, 1948. Class 26.
Simonds, H. & O., Limited, Reading, England. Ale. 69,996, re-renewed July 21, 1948. O. G. Sept. 7. Class 48.
Sioux Honey Ass'n, by Sioux Honey Association, Cooperative, Sioux City, Iowa. Strained and combed honey. 185,143, June 10, 1924. Republished Sept. 7. Class 46.
Sioux Honey Association, Cooperative: *See*—
Sioux Honey Ass'n.
Société Anonyme Des Caves Associees: *See*—
Société Industrielle de Roquefort.
Société des Moteurs et Automobiles Lorraine: *See*—
Société Lorraine des Anciens Etablissements de Dietrich & Cie. de Lunéville.
Société Industrielle de Roquefort, to Société Anonyme Des Caves Associees, Roquefort, Aveyron, France. Cheese. 201,555, renewed July 28, 1945. O. G. Sept. 7. Class 46.
Société Lorraine des Anciens Etablissements de Dietrich & Cie. de Lunéville, to Société des Moteurs de Automobiles Lorraine, Paris, France. Automobiles. 60,089, re-renewed Jan. 29, 1947. O. G. Sept. 7. Class 19.
Sorensen, Chris, Parlier, Calif. Fresh deciduous fruits. 432,215, Aug. 26, 1947. Republished Sept. 7. Class 46.
Southern Saw Works, Inc., East Point, Ga. Saw bits and saw shanks. 431,675, July 29, 1947. Republished Sept. 7. Class 23.
Speer Carbon Company, St. Mary's, Pa. Negative carbons. 118,714, Sept. 25, 1917. Republished Sept. 7. Class 21.
Staley, A. E., Manufacturing Company, Decatur, Ill. Edible vegetable oils. 293,391, Apr. 19, 1932. Republished Sept. 7. Class 46.
Standard Oil Company of New Jersey, Wilmington, Del., to Esso Standard Oil Company, New York, N. Y. Refined, semirefined, and unrefined oils. 244,001, renewed July 3, 1948. O. G. Sept. 7. Class 15.
Standard Oil Company of New Jersey, Wilmington, Del., to Esso Standard Oil Company, New York, N. Y. Hydrocarbon solvents. 250,562, renewed Dec. 11, 1948. O. G. Sept. 7. Class 16.
Standard Oil Company of New Jersey, Wilmington, Del., to Esso Standard Oil Company, New York, N. Y. Hydrocarbon solvents. 250,866, renewed Dec. 18, 1948. O. G. Sept. 7. Class 4.
Star Compass Co.: *See*—
Salsgeber, Gustave A.
Star Compass Company: *See*—
Salsgeber, Gustave A.
Starland Company, Inc., New York, N. Y. Potato chips, buttered pop corn. 440,493, Sept. 7; Serial No. 516,323, published June 8, 1948. Class 46.

Stonhill & Gillis Limited, London, England. Periodical printed publications. 440,496, Sept. 7; Serial No. 517,528, published June 8, 1948. Class 38.
Strasenburgh, R. J., Company, The, Rochester, N. Y. Tonic. 170,031, July 10, 1923. Republished Sept. 7. Class 6.
Strasenburgh, R. J., Company, Rochester, N. Y. Medicinal preperation. 268,695, Mar. 18, 1930. Republished Sept. 7. Class 6.
Strauss, Levi, & Company, San Francisco, Calif. Overalls. 250,265, renewed Dec. 4, 1948. O. G. Sept. 7. Class 39.
Strawbridge & Clothier, by Strawbridge & Clothier, Philadelphia, Pa. Corsets. 37,585, Nov. 14, 1905. Republished Sept. 7. Class 39.
Strawbridge & Clothier, by Strawbridge & Clothier, Philadelphia, Pa. Dolls. 53,187, May 29, 1906. Republished Sept. 7. Class 22.
Strawbridge & Clothier, by Strawbridge & Clothier, Philadelphia, Pa. Leather gloves. 75,547, Oct. 12, 1909. Republished Sept. 7. Class 39.
Strawbridge & Clothier, by Strawbridge & Clothier, Philadelphia, Pa. Linen piece goods, table cloths, and napkins. 81,756, May 2, 1911. Republished Sept. 7. Class 42.
Strawbridge & Clothier, Philadelphia, Pa. Men's and boys' outer clothing. 154,712, Apr. 18, 1922. Republished Sept. 7. Class 39.
Strawbridge & Clothier, Philadelphia, Pa. Men's, young men's, and boys' hats and caps. 161,311, Nov. 7, 1922. Republished Sept. 7. Class 39.
Strawbridge & Clothier, Philadelphia, Pa. Shoes. 166,197, Mar. 27, 1923. Republished Sept. 7. Class 39.
Strawbridge & Clothier, Philadelphia, Pa. Children's shoes. 182,448, Apr. 8, 1924. Republished Sept. 7. Class 39.
Strawbridge & Clothier, Philadelphia, Pa. Sheets, pillowcases, and bolster cases. 184,189, May 20, 1924. Republished Sept. 7. Class 42.
Strawbridge & Clothier, Philadelphia, Pa. Women's and children's shoes. 287,535, Sept. 29, 1931. Republished Sept. 7. Class 39.
Streator Brick Company, Streator, Ill. Face brick. 283,092, May 19, 1931. Republished Sept. 7. Class 12.
Stromeyer, J., Company, Philadelphia, Pa. Molasses. 501,981, Sept. 7; Serial No. 510,127, published June 1, 1948. Class 46.
Strongboy Novelty Co.: *See*—
Florest, Milton F.
Styles & Cash, New York, N. Y., to Chas. S. Hook, Union City, Ind. Lead pencils. 70,678, re-renewed Sept. 22, 1948. O. G. Sept. 7. Class 37.
Sultech Company: *See*—
Alvos, Dell.
Sunset Incorporated, Chicago, Ill. Potable distilled alcoholic beverages. 501,984, Sept. 7; Serial No. 515,728, published June 8, 1948. Class 49.
Talon, Inc., Meadville, Pa. Slide fasteners and components therefor. 501,980, Sept. 7; Serial No. 508,194, published June 8, 1948. Class 13.
Talon, Inc., Meadville, Pa. Slide fasteners. 501,982, Sept. 7; Serial No. 512,210, published June 1, 1948. Class 13.
Talon, Inc., Meadville, Pa. Slide fasteners. 501,990, Sept. 7; Serial No. 527,809, published June 1, 1948. Class 13.
Talon, Inc., Meadville, Pa. Slide fasteners and components therefor. 501,991, Sept. 7; Serial No. 527,817, published May 11, 1948. Class 13.
Talon, Inc., Meadville, Pa. Slide fasteners and components therefor. 501,993, Sept. 7; Serial No. 527,885, published May 25, 1948. Class 13.
Talon, Inc., Meadville, Pa. Slide fasteners. 501,994, Sept. 7; Serial No. 527,887, published May 25, 1948. Class 13.
Talon, Inc., Meadville, Pa. Slide fasteners. 501,995, Sept. 7; Serial No. 527,894, published May 25, 1948. Class 13.
Tebbetts & Garland Store, The, to Hillman's, Inc., Chicago, Ill. Candy. 236,745, renewed Dec. 20, 1947. O. G. Sept. 7. Class 46.
Tebbetts & Garland Store, The, to Hillman's, Inc., Chicago, Ill. Mint whips, chocolate creams, almond paste, etc. 242,589, renewed May 29, 1948. O. G. Sept. 7. Class 46.
Terhune, Yearance & Wolff, Inc., New York, N. Y., by Berkshire Woolen Company, Pittsfield, Mass. Woolen and worsted fabrics in the piece. 343,192, Feb. 9, 1937. Republished Sept. 7. Class 42.
Terhune, Yearance & Wolff, Inc., New York, N. Y., by Virginia Woolen Company, Winchester, Va. Woolen and worsted fabrics in the piece. 408,826, Aug. 29, 1944. Republished Sept. 7. Class 42.
Terhune, Yearance & Wolff, Inc., New York, N. Y., by Berkshire Woolen Company, Pittsfield, Mass. Woolen and worsted fabrics in the piece. 418,062, Nov. 27, 1945. Republished Sept. 7. Class 42.
Textile Cutting Corporation, New York, N. Y. Cutting and edging of textile fabrics. 502,042, Sept. 7; Serial No. 532,067, published May 25, 1948. Class 55.
Thatcher Glass Manufacturing Company, Inc.: *See*—
Thatcher Manufacturing Company.
Thatcher Manufacturing Company, by Thatcher Glass Manufacturing Company, Inc., Elmira, N. Y. Glass bottles. 417,950, Nov. 20, 1945. Republished Sept. 7. Class 33.

Thatcher Manufacturing Company, by Thatcher Glass Manufacturing Company, Inc., Elmira, N. Y. Glass bottles. 419,305, Feb. 12, 1946. Republished Sept. 7. Class 33.
Thermoid Company: *See*—
Thermoid Rubber Company.
Thermoid Rubber Company, by Thermoid Company, Trenton, N. J. Clutch rings. 216,976, Aug. 24, 1926. Republished Sept. 7. Class 35.
Thornton, Julian F., doing business as The Pinee Chemical Co., to Pinee Chemical Company, Kinston, N. C. Antiseptics. 244,207, renewed July 17, 1948. O. G. Sept. 7. Class 6.
Tobin Packing Co., Inc.: *See*—
Albany Packing Co., Inc.
Torsch Canning Co.: *See*—
Aughinbaugh Canning Co.
Traders Oil Mill Company, Fort Worth, Tex. Stock feed. 501,998, Sept. 7; Serial No. 528,826, published June 1, 1948. Class 46.
Transcontinental Rubber Corp., assignor to Transcontinental Shoe Corporation, New York, N. Y. Rubbers. 440,451, Sept. 7; Serial No. 503,842, published May 18, 1948. Class 39.
Transcontinental Shoe Corporation: *See*—
Transcontinental Rubber Corp.
Travel Plan Corporation, San Francisco, Calif. Trading stamps. 502,031, Sept. 7; Serial No. 537,373, published June 1, 1948. Class 38.
Tribune Company, Chicago, Ill. Series of cartoons. 440,446, Sept. 7; Serial No. 502,352, published June 1, 1948. Class 38.
Trilon Record Mfg. Co., Oakland, Calif. Mechanically grooved phonograph records. 440,447, Sept. 7; Serial No. 502,473, published June 1, 1948. Class 36.
Trimm, Inc.: *See*—
Trimm Radio Manufacturing Co.
Trimm Radio Manufacturing Co., Chicago, by Trimm, Inc., Libertyville, Ill. Radio supplies. 207,213, Dec. 22, 1925. Republished Sept. 7. Class 21.
Trylon Products Company: *See*—
Barke, Oscar A.
Trylon Products Corporation: *See*—
Barke, Oscar A.
Tucker, Luther, & Son, Albany, N. Y., to The Curtis Publishing Company, Philadelphia, Pa. Agricultural journal. 60,497, re-renewed Feb. 12, 1947. O. G. Sept. 7. Class 38.
Turnbuckles, Inc., Michigan City, Ind. Turnbuckles. 419,985, Mar. 19, 1946. Republished Sept. 7. Class 13.
Union Metal Manufacturing Company, The, Canton, Ohio. Rolled or pressed straight or cylindrical or tapered, plain or fluted, metal pipes, tubes, etc. 440,459, Sept. 7; Serial No. 506,709, published June 17, 1947. Class 13.
United Distillers Limited, Vancouver, British Columbia, Canada. Whiskey and gin. 305,579, Aug. 22, 1933. Republished Sept. 7. Class 49.
United Distillers, Limited, Vancouver, British Columbia, Canada. Gin. 311,120, Mar. 13, 1934. Republished Sept. 7. Class 49.
United Distillers, Limited, Vancouver, British Columbia, Canada. Whiskey. 311,243, Mar. 20, 1934. Republished Sept. 7. Class 49.
United Distillers' (of Canada) Ltd.: *See*—
"Big 4" Distilleries, Inc.
Potomac Distilling Corporation.
U. S. Line Company: *See*—
United States Whip Company.
United States Rubber Company: *See*—
National India Rubber Co.
Naugatuck Chemical Company, The.
Revere Rubber Company.
United States Rubber Company, New York, N. Y. Rubber tires. 245,262, renewed Aug. 7, 1948. O. G. Sept. 7. Class 35.
United States Tobacco Company, Flemington, N. J., and New York, N. Y. Snuff. 502,019, Sept. 7; Serial No. 531,550, published June 1, 1948. Class 17.
United States Whip Company, doing business as U. S. Line Company, Westfield, Mass. Fishing lines. 250,078, renewed Nov. 27, 1948. O. G. Sept. 7. Class 22.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. 428,629, Apr. 1, 1947. Republished Sept. 7. Class 6.
Victor, Leonard B., New York, N. Y. Manipulable chart. 440,502, Sept. 7; Serial No. 519,452, published May 18, 1948. Class 26.
Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond, Va., Norfolk, Va., Charleston, S. C., Savannah, Ga., Atlanta, Ga., Montgomery, Ala., Durham, N. C., and Memphis, Tenn., by Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 66,941, Jan. 7, 1908. Republished Sept. 7. Class 10.
Virginia-Carolina Chemical Corporation: *See*—
Virginia-Carolina Chemical Company.
Virginia Woolen Company: *See*—
Terhune, Yereance & Wolff, Inc.
Von Faber-Castell, Alexander Count, sole surviving member of The Firm of A. W. Faber, Stein, near Nuremberg, Germany, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, pencil holders, colored pencils, etc. 197,169, Apr. 14, 1925. Republished Sept. 7. Class 37.

Waaser, Gordon F.: *See*—
Garrettson, F. P., & Co.
Wallerstein Company, Inc., New York, N. Y. Chillproof caramel color. 230,662, renewed Mar. 6, 1948. O. G. Sept. 7. Class 6.
Wallerstein Company, Inc., New York, N. Y. Sugar-caramel color. 240,221, renewed Mar. 20, 1948. O. G. Sept. 7. Class 6.
Warfman, Philip, by S. H. Warfman, New York, N. Y. Mouth wash. 347,327, June 22, 1937. Republished Sept. 7. Class 6.
Warfman, Samuel H.: *See*—
Warfman, Philip.
Watt Publishing Co.: *See*—
Poultry Tribune Company.
Wausau Paper Mills Company, The, Brokaw, Wis. Fine stationery. 440,488, Sept. 7; Serial No. 514,862, published June 1, 1948. Class 37.
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 302,252, Apr. 4, 1933. Republished Sept. 7. Class 39.
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 309,347–8, Jan. 9, 1934. Republished Sept. 7. Class 39.
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 341,893, Dec. 29, 1936. Republished Sept. 7. Class 39.
Webb, Edward C., Louisville, Ky. Artificial fishing bait. 502,045, Sept. 7; Serial No. 528,594. Class 22.
Western Brick Company, Danville, Ill. Bricks. 293,053, Apr. 5, 1932. Republished Sept. 7. Class 12.
Western Brick Company, Danville, Ill. Bricks. 296,540, Aug. 9, 1932. Republished Sept. 7. Class 12.
Western Tablet & Stationery Corporation: *See*—
Blair, J. C., Company.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries, i. e., stationery comprising envelopes and/or paper. 440,521, Sept. 7; Serial No. 526,163, published June 1, 1948. Class 37.
Westfield Watch Company, Inc., New York, N. Y. Wrist watches. 261,850, Sept. 24, 1929. Republished Sept. 7. Class 27.
Westfield Watch Company, Inc., New York, N. Y. Ladies' wrist watches. 262,538, Oct. 15, 1929. Republished Sept. 7. Class 27.
White-Haines Optical Company, The, Columbus, Ohio. Lenses for optical purposes. 432,543, Sept. 2, 1947. Republished Sept. 7. Class 26.
Whitman, Robert L., doing business as Facility Products, Miami, Fla. Unit combination light and alarm, more particularly an electric flash light and watch driven alarm. 502,046, Sept. 7; Serial No. 538,835. Class 27.
Whitmore Products, Wayne Township, Passaic County, N. J. Metal clamp brackets. 440,474, Sept. 7; Serial No. 511,525, published June 8, 1948. Class 13.
Whitney, W. A., Manufacturing Company, Rockford, Ill. Tools. 188,662, Sept. 2, 1924. Republished Sept. 7. Class 23.
Wilkening Manufacturing Company: *See*—
Duoflex Piston Ring Company.
Wilson Brothers, Chicago, Ill. Men's dress and negligee shirts, pajamas, and underwear. 171,242, July 31, 1923. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Hosiery. 231,131, Aug. 16, 1927. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Shirts, (dress and negligee), nightshirts, and pajamas. 254,816, Apr. 2, 1929. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Negligee shirts, hosiery, and pajamas. 255,121, Apr. 16, 1929. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Drawers, sport drawers, and running pants. 260,065, Aug. 31, 1929. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Neckties and cravats. 271,403, June 3, 1930. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Dress and negligee shirts, pajamas, etc. 288,538, Nov. 3, 1931. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Men's dress shirts. 304,396, July 4, 1933. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Dress and negligee shirts. 322,389, Mar. 5, 1935. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Men's sport shirts, sweaters, and tennis trunks. 329,617, Nov. 5, 1935. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Hosiery. 337,446, Aug. 4, 1936. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Men's sport jackets. 363,497, Dec 27, 1938. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Men's mufflers. 379,001, June 25, 1940. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Men's outer shirts. 393,648, Feb. 24, 1942. Republished Sept. 7. Class 39.
Wilson Brothers, Chicago, Ill. Men's and boys' underwear. 399,664, Jan. 26, 1943. Republished Sept. 7. Class 39.
Witco Chemical Company, Chicago, Ill. Polymerized vegetable oil. 419,101, Feb. 5, 1946. Republished Sept. 7. Class 1.
Witco Chemical Company, Chicago, Ill. Hydrated yellow iron oxide. 419,307, Feb. 12, 1946. Republished Sept. 7. Class 11.
Witco Chemical Company, Chicago, Ill. Hydrated yellow iron oxide. 419,308, Feb. 12, 1946. Republished Sept. 7. Class 16.
Wrigley, Wm., Jr.: *See*—
Zeno Manufacturing Co.
Wrigley, Wm., Jr., Company, to Wm. Wrigley, Jr. Company, Chicago, Ill. Chewing gum. 242,025, renewed May 8, 1948. O. G. Sept. 7. Class 46.
Yuengling, D. G., & Son, by D. G. Yuengling & Son, Incorporated, Pottsville, Pa. Beer. 73,856, May 25, 1909. Republished Sept. 7. Class 48.
Zeiss, Carl, Jena, Germany, vested in the Attorney General of the United States, Washington, D. C. Telescopes, field glasses. 243,158, renewed June 12, 1948. O. G. Sept. 7. Class 26.
Zeiss, Carl, Jena, Germany, vested in the Attorney General of the United States, Washington, D. C. Telescopes, field glasses. 243,236, renewed June 12, 1948. O. G. Sept. 7. Class 26.
Zenith Optical Laboratory: *See*—
Goldstein, Walter.
Zenith Radio Corporation, Chicago, Ill. Mechanically grooved talking machine record. 440,517, Sept. 7; Serial No. 524,846, published June 8, 1948. Class 36.
Zeno Manufacturing Co., by Wm. Wrigley, Jr., Company, Chicago, Ill. Chewing gum. 71,005, Oct. 20, 1908. Republished Sept. 7. Class 46.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Chinchillas and chinchilla pelts, Live. Greer-Hale Chinchilla Ranch. 427,238, Feb. 4, 1947. Republished Sept. 7.
Coal. Ames Grain and Coal Company. 246,488, Sept. 11, 1928. Republished Sept. 7.
Coal. Delta Coal Mining Company. 325,273, June 18, 1935. Republished Sept. 7.
Coal. Fairview Collieries Corporation. 397,687, Sept. 15, 1942. Republished Sept. 7.
Coal. Reliable Coal and Supply Company. 241,539, May 1, 1928. Republished Sept. 7.
Glass wool. American Medical Glass Company. 502,043, Sept. 7; Serial No. 497,837.
Leather. Eagle-Ottawa Leather Company. 440,527, Sept. 7; Serial No. 524,116.
Peat moss. Atkins & Durbrow, Inc. 366,428–9, Apr. 11, 1939. Republished Sept. 7.
Plastic modeling material. B. Goldenhorn. 233,919, renewed Oct. 11, 1947. O. G. Sept. 7.
Product consisting of fabric impregnated with a stiffening substance, Partly prepared. Celastic Corporation. 233,102, Sept. 20, 1947. Republished Sept. 7.
Seeds, Field, farm, and garden. Farmer Seed & Nursery Co. 248,295, renewed Oct. 16, 1948. O. G. Sept. 7.
Seeds, Grass, field, and agricultural. Philadelphia Seed Co. 418,999, Jan. 15, 1946. Republished Sept. 7.
Vegetable oil, Polymerized. Witco Chemical Company. 419,101, Feb. 5, 1946. Republished Sept. 7.

CLASS 2

Bags and cartons, Paper. Newark Paraffine & Parchment Paper Co. 289,251, Nov. 24, 1931. Republished Sept. 7.
Baskets and boxes, bags of textile materials, Sewing. Wm. Filene's Sons Company. 267,399, Feb. 18, 1930. Republished Sept. 7.
Bottles and jars, Insulated. G. P. Altenberg. 70,444, re-renewed Sept. 1, 1948. O. G. Sept. 7.
Containers, Empty cardboard portable. Detroit Paper Products Corporation. 365,218, Feb. 28, 1939. Republished Sept. 7.
Cups, Paper. Milwaukee Lace Paper Company. 431,584, July 29, 1947. Republished Sept. 7.
Diffusers, Wall. C. B. Dolge Co. 280,826, Mar. 3, 1931. Republished Sept. 7.
Pyroxylin products. French Ivory Products Limited. 243,466, renewed June 19, 1948. O. G. Sept. 7.

CLASS 3

Handbags, Ladies', misses', and children's. Pyramid Leather Goods Co., Inc. 420,425, Apr. 9, 1946. Republished Sept. 7.

CLASS 4

Abrasive wheels. Andrew C. Campbell, Inc. 303,543, May 30, 1933. Republished Sept. 7.
Cleaner, Liquid. C. B. Dolge Company. 390,074, Sept. 9, 1941. Republished Sept. 7.
Compound, Drying-up and absorbent mineral. R. R. Hulsh. 408,475, Aug. 15, 1944. Republished Sept. 7.

Grease. Consolidated Rendering Company. 147,725, renewed Jan. 5, 1948. O. G. Sept. 7.
Preservatives and fillers. Cling-Surface Company. 53,307, May 29, 1906. Republished Sept. 7.
Shaving cream and soap shampoo. Mentholatum Company. 246,955, Sept. 18, 1928. Republished Sept. 7.
Soap. C. B. Dolge Company. 378,824, June 18, 1940. Republished Sept. 7.
Soap, Borax. Pacific Coast Borax Company. 50,383, Mar. 13, 1906. Republished Sept. 7.
Soap, Borax. Pacific Coast Borax Company. 50,555, Mar. 20, 1906. Republished Sept. 7.
Soap chips and a cleanser. H. E. Butt Grocery Company. 370,247, Aug. 22, 1939. Republished Sept. 7.
Soaps, cleaning preparations, etc. C. B. Dolge Company. 384,146, Jan. 7, 1941. Republished Sept. 7.
Solvents, Hydrocarbon. Standard Oil Company of New Jersey. 250,866, renewed Dec. 18, 1948. O. G. Sept. 7.
Tallow. Consolidated Rendering Company. 171,944, renewed Jan. 5, 1948. O. G. Sept. 7.
Tallow. Consolidated Rendering Company. 174,931, renewed Jan. 5, 1948. O. G. Sept. 7.
Washing-powder. S. J. Braun. 31,884, re-renewed Aug. 16, 1948. O. G. Sept. 7.

CLASS 5

Glue, mucilage, and adhesive paste, Liquid. Russia Cement Company. 72,172, Jan. 5, 1909. Republished Sept. 7.

CLASS 6

Alginate product. Kelco Company. 372,226, Oct. 24, 1939. Republished Sept. 7.
Alteratives, analgesics, anaphrodisiacs, etc. Norwich Pharmacal Company. 248,261, renewed Oct. 16, 1948. O. G. Sept. 7.
Antiseptics. J. F. Thornton. 244,207, renewed July 17, 1948. O. G. Sept. 7.
Ascaridole; atropine sulfate, U. S. P. Burroughs Wellcome & Co. (U. S. A.) Inc. 402,839, Aug. 17, 1943. Republished Sept. 7.
Bath preparation. O. A. Barke. 381,125, Sept. 10, 1940. Republished Sept. 7.
Chemical composition. Aluminum Ore Company. 234,040, renewed Oct. 18, 1947. O. G. Sept. 7.
Chemical preparation. Naugatuck Chemical Company. 246,413, renewed Sept. 4, 1948. O. O. Sept. 7.
Chemical products. Arnold, Hoffman & Co., Incorporated. 356,744–5, May 10, 1938. Republished Sept. 7.
Chemical products. Arnold, Hoffman & Co., Incorporated. 356,750, May 10, 1938. Republished Sept. 7.
Chemical products. Arnold, Hoffman & Co., Incorporated. 379,459, July 9, 1940. Republished Sept. 7.
Chemical products. Arnold, Hoffman & Co., Incorporated. 384,890, Feb. 4, 1941. Republished Sept. 7.
Chemicals used as water repellents. Arnold, Hoffman & Co., Incorporated. 369,782, Aug. 1, 1939. Republished Sept. 7.
Color, Chillproof caramel. Wallerstein Company, Inc. 230,662, renewed Mar. 6, 1948. O. G. Sept. 7.
Color, Sugar-caramel. Wallerstein Company, Inc. 240,221, renewed Mar. 20, 1948. O. G. Sept. 7.
Cough drops, Mentholated. Dean Medicine Company. 69,992, re-renewed July 21, 1948. O. G. Sept. 7.
Cream, and a facial bleach pack, Massage and cleansing. Milky-Way Company, Inc. 225,082, renewed Mar. 8, 1948. O. G. Sept. 7.
Cream, tissue cream, vanishing cream, etc., Cold and cleansing. Luxor, Limited. 238,588, renewed Feb. 14, 1948. O. G. Sept. 7.
Dinitrophenyl dimethyl dithiocarbamate. Naugatuck Chemical Company. 246,347, renewed Sept. 4, 1948. O. G. Sept. 7.
Disinfectant and deodorizer, Liquid. C. B. Dolge Company. 295,840, July 12, 1932. Republished Sept. 7.
Disinfectant, Concentrated chlorine. C. B. Dolge Company. 287,564, Sept. 29, 1931. Republished Sept. 7.
Disinfectants, deodorants, insecticides, etc. C. B. Dolge Company. 382,263, Oct. 22, 1940. Republished Sept. 7.
Elixir, Compound purgative. Hanrahan Pharmacal Co. Inc. 69,809, re-renewed July 7, 1948. O. G. Sept. 7.
Flux, Soldering. Garden City Laboratory. 228,333, renewed May 31, 1947. O. G. Sept. 7.
Germicide, Cutting oil. C. B. Dolge Company. 396,671, July 28, 1942. Republished Sept. 7.
Glass prepared for medical purposes. Puritan Compressed Gas Corporation. 374,872, Jan. 30, 1940. Republished Sept. 7.
Hair color restorer. A. R. Martino. 280,177, Feb. 10, 1931. Republished Sept. 7.
Hair dressing. F. W. Fitch Co. 292,353, Mar. 15, 1932. Republished Sept. 7.
Hair tonic. F. W. Fitch Company. 191,480, Nov. 11, 1924. Republished Sept. 7.
Insecticide and insect repellent. Rex Research Corporation. 249,043, renewed Nov. 6, 1948. O. G. Sept. 7.
Insecticides. C. B. Dolge Company. 306,276, Sept. 12, 1933. Republished Sept. 7.
Insecticides. C. B. Dolge Company. 378,542, June 11, 1940. Republished Sept. 7.
Insecticides. C. B. Dolge Company. 384,261, Jan. 7, 1941. Republished Sept. 7.
Insecticides. C. B. Dolge Company. 428,765, Apr. 1, 1947. Republished Sept. 7.
Laxative. P. L. Peschel. 417,218, Oct. 16, 1945. Republished Sept. 7.
Lotion and an antiseptic toilet cream, Skin. M. Noveck. 246,132, renewed Sept. 4, 1948. O. G. Sept. 7.
Lotion and hand lotion, After shaving. F. W. Fitch Company. 283,876, June 9, 1931. Republished Sept. 7.
Lotions, face and skin creams, perfumes, etc., Toilet. F. N. Lewis. 205,732, Nov. 17, 1925. Republished Sept. 7.
Medicinal preparation. R. J. Strasenburgh Company. 268,695, Mar. 18, 1930. Republished Sept. 7.
Medicinal preparation. Upjohn Company. 428,629, Apr. 1, 1947. Republished Sept. 7.
Medicine for phthisis. Dansk Chemo-Therapeutisk Selskab ved Ferd. Andersen, I. Siesbye & H. Weltzmann. 198,992, renewed June 2, 1948. O. G. Sept. 7.
Medicine for the treatment of coughs and colds. Hollander-Koshland Co. 144,796, July 19, 1921. Republished Sept. 7.
Mouth wash, P. Warfman. 347,327, June 22, 1937. Republished Sept. 7.
Oil, Dust settling. Continental Oil Company. 376,772, Apr. 9, 1940. Republished Sept. 7.
Oils or the like for treating cotton, etc. E. F. Houghton & Co. 233,907, Oct. 11, 1927. Republished Sept. 7.
Paraffines, Chlorinated. Anglo-American Chemical Corp. 318,228, Oct. 16, 1934. Republished Sept. 7.
Perfume and toilet water. Houbigant, Inc. 361,983, Nov. 8, 1938. Republished Sept. 7.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 227,879, May 17, 1927. Republished Sept. 7.
Perfumes and toilet waters. Parfums Massenet Incorporated. 411,218, Jan. 9, 1945. Republished Sept. 7.
Perfumes, eau vegetal, toilet water, etc. Houbigant, Inc. 338,411, Sept. 8, 1936. Republished Sept. 7.
Perfumes, toilet water, face powder, etc. Cheramy, Inc. 240,112, Mar. 20, 1928. Republished Sept. 7.
Pine oil, Soluble. Kali Manufacturing Co. 249,638, renewed Nov. 20, 1948. O. G. Sept. 7.
Preparation for chills, fever, colds, etc. Howell Company, Inc. 244,117, renewed July 10, 1948. O. G. Sept. 7.
Preparation for cleaning and clearing stopped-up drain and sewer pipes. C. B. Dolge Company. 363,198, Dec. 13, 1938. Republished Sept. 7.
Preparation for exterminating moles. C. B. Dolge Company. 298,853, Nov. 8, 1932. Republished Sept. 7.
Preparation for exterminating rodents. C. B. Dolge Company. 305,415, Aug. 15, 1933. Republished Sept. 7.
Product for cleaning out waste, drain, or stopped up pipes. C. B. Dolge Company. 160,173, Oct. 17, 1922. Republished Sept. 7.
Products for treating gastro-intestinal disturbances. W. B. Nisbet. 386,172, Mar. 25, 1941. Republished Sept. 7.
Solution used as a disinfectant and deodorizer. C. B. Dolge Company. 281,365, Mar. 17, 1931. Republished Sept. 7.
Sulphur dioxide. A. Dell. 431,879, Aug. 12, 1947. Republished Sept. 7.
Tablets, Alkaline. Reed & Carnrick. 301,974, Mar. 21, 1933. Republished Sept. 7.
Tonic. R. J. Strasenburgh Company. 170,031, July 10, 1923. Republished Sept. 7.
Tonic in tablet form, General vitalizing. E. W. Parker. 249,544, renewed Nov. 20, 1948. O. G. Sept. 7.
Vitamin preparations. Abbott Laboratories. 395,164, May 12, 1942. Republished Sept. 7.
Water softener. Hygienic Products Company. 243,057, renewed June 12, 1948. O. G. Sept. 7.

CLASS 7

Rope and wire cable, Stranded metal wire. American Chain & Cable Company, Inc. 397,136, Aug. 18, 1942. Republished Sept. 7.
Rope provided with spliced eyes, Lengths of wire. American Chain & Cable Company, Inc. 421,787, Jan. 18, 1946. Republished Sept. 7.
Rope, Wire. Hazard Wire Rope Company. 257,243, June 4, 1929. Republished Sept. 7.
Twine and cord, Cotton. January and Wood Company. 288,611, Nov. 3, 1931. Republished Sept. 7.

CLASS 10

Fertilizers. Fidelity Chemical Corporation. 408,834, Aug. 29, 1944. Republished Sept. 7.
Fertilizers. Virginia-Carolina Chemical Company. 66,941, Jan. 7, 1908. Republished Sept. 7.

CLASS 11

Oxide, Hydrated yellow iron. Witco Chemical Company. 419,307, Feb. 12, 1946. Republished Sept. 7.

CLASS 12

Brick and tile, Standard and special shapes of. General Refractories Company. 411,668, Jan. 30, 1945. Republished Sept. 7.

Brick, Face. Streator Brick Company. 283,092, May 19, 1931. Republished Sept. 7.
Brick, Specially designed acid-proof. General Refractories Company. 381,176, Sept. 17, 1940. Republished Sept. 7.
Bricks. Western Brick Company. 293,053, Apr. 5, 1932. Republished Sept. 7.
Bricks. Western Brick Company. 296,540, Aug. 9, 1932. Republished Sept. 7.
Bricks, Standard refractory. General Refractories Company. 411,669–70, Jan. 30, 1945. Republished Sept. 7.
Bricks, Standard refractory. General Refractories Company. 412,099, Feb. 20, 1945. Republished Sept. 7.
Bricks, Standard refractory. General Refractories Company. 412,235, Feb. 27, 1945. Republished Sept. 7.
Bricks, Standard refractory. General Refractories Company. 414,717, June 26, 1945. Republished Sept. 7.
Bricks, Standard refractory. General Refractories Company. 415,303, Aug. 7, 1945. Republished Sept. 7.
Bricks, Standard refractory. General Refractories Company. 422,618, Aug. 6, 1946. Republished Sept. 7.
Bricks, Superduty fire clay. General Refractories Company. 362,802, Nov. 29, 1938. Republished Sept. 7.
Bricks, Unburned suspended arch and wall. General Refractories Company. 426,640, Jan. 7, 1947. Republished Sept. 7.
Cement, Portland. Alpha Portland Cement Company. 70,422, re-renewed Sept. 1, 1948. O. G. Sept. 7.
Insulation, Block and plastic heating. General Refractories Company. 413,145, Apr. 10, 1945. Republished Sept. 7.
Mortar, Kaolin base refractory bonding. General Refractories Company. 362,803, Nov. 29, 1938. Republished Sept. 7.

CLASS 13

Awning arms, Lateral. Astrup Company. 305,957, Aug. 29, 1933. Republished Sept. 7.
Bolts, nuts, screws, metal washers, Threaded. H. M. Harper Company. 420,360, Apr. 9, 1946. Republished Sept. 7.
Brackets, Metal clamp. Whitmore Products. 440,474, Sept. 7; Serial No. 511,525, published June 8, 1948.
Brackets, Window shade and curtain rod. L. P. Jeffreys. 440,463, Sept. 7; Serial No. 507,983, published June 1, 1948.
Clips, Wire-rope. Lamson & Sessions Company. 162,529, Dec. 19, 1922. Republished Sept. 7.
Fasteners, and components therefor, Slide. Talon, Inc. 501,980, Sept. 7; Serial No. 508,194, published June 8, 1948.
Fasteners and components therefor, Slide. Talon, Inc. 501,991, Sept. 7; Serial No. 527,817, published May 11, 1948.
Fasteners and components therefor, Slide. Talon, Inc. 501,993, Sept. 7; Serial No. 527,885, published May 25, 1948.
Fasteners, Separable. Queen Manufacturing Corp. 440,462, Sept. 7; Serial No. 507,490, published June 8, 1948.
Fasteners, Separable. Queen Manufacturing Corp. 440,470, Sept. 7; Serial No. 510,445, published June 8, 1948.
Fasteners, Slide. Talon, Inc. 501,982, Sept. 7; Serial No. 512,210, published June 1, 1948.
Fasteners, Slide. Talon, Inc. 501,990, Sept. 7; Serial No. 527,809, published June 1, 1948.
Fasteners, Slide. Talon, Inc. 501,994, Sept. 7; Serial No. 527,887, published May 25, 1948.
Fence, metal fence posts, fence parts, etc., Metal. Page Steel and Wire Company. 262,417, Oct. 8, 1929. Republished Sept. 7.
Freezing and dehydrating food trays, Perforated aluminum quick. W. G. Ballantyne. 440,464, Sept. 7; Serial No. 508,092, published June 8, 1948.
Hollow ware, Base metal cooking. Enterprise Aluminum Company. 501,985, Sept. 7; Serial No. 522,799, published June 8, 1948.
Lawn sprinklers. Accmatool Co., Inc. 440,466, Sept. 7; Serial No. 509,684, published May 25, 1948.
Pipe fittings, valves, cocks, etc., Metal. Cleveland Heater Company. 244,817, renewed July 31, 1948. O. G. Sept. 7.
Pipes and tubes, Metal. National Supply Company. 370,577, Aug. 29, 1939. Republished Sept. 7.
Pipes, tubes, etc., Rolled or pressed straight or cylindrical or tapered, plain or fluted, metal. Union Metal Manufacturing Company. 440,459, Sept. 7; Serial No. 506,709, published June 17, 1947.
Plugs, for dry oil and gas wells, and metal pipe coupling, etc., Metal. National Supply Company. 136,551, Nov. 2, 1920. Republished Sept. 7.
Rivets, Copper. Copper Range Company. 349,305, Aug. 24, 1937. Republished Sept. 7.
Rubber supplies, Plumbers'. H. O. Canfield Co. 440,484, Sept. 7; Serial No. 514,003, published June 1, 1948.
Rubber supplies, Plumbers'. H. O. Canfield Co. 440,500, Sept. 7; Serial No. 518,454, published June 1, 1948.
Turnbuckles. Turnbuckles, Inc. 419,985, Mar. 19, 1946. Republished Sept. 7.
Valves for automotive air brakes, Brake. Bendix-Westinghouse Automotive Air Brake Company. 392,585, Jan. 6, 1942. Republished Sept. 7.
Valves, Gas pressure control. Pure Carbonic, Incorporated. 440,475, Sept. 7; Serial No. 511,578, published Feb. 3, 1948.
Valves, Hand-operated gas or liquid control. Air Reduction Sales Company. 440,468, Sept. 7; Serial No. 510,149, published Feb. 10, 1948.

CLASS 14

Castings and forgings in the rough, Stoker. Detroit Stoker Company. 299,940, Jan. 3, 1933. Republished Sept. 7.
Copper sheet, copper in rolls, copper wire, etc. Copper Range Company. 348,701, Aug. 3, 1937. Republished Sept. 7.
Forgings, Steel. Heppenstall Forge & Knife Company. 233,787, Oct. 11, 1927. Republished Sept. 7.
Ingots, castings, pressed parts, etc., Bronze. American Brass Company. 250,026–7, renewed Nov. 27, 1948. O. G. Sept. 7.
Metal balls for plugging dry wells, babbitt metal, solder, etc. National Supply Company. 121,642, May 14, 1918. Republished Sept. 7.
Metals, Heat-treated ferrous. Link-Belt Company. 248,922, renewed Nov. 6, 1948. O. G. Sept. 7.
Rods, steel and iron wire, etc., Steel and iron. Page Steel and Wire Company. 288,450, Oct. 27, 1931. Republished Sept. 7.
Steel, cold rolled strip steel, etc., Hot rolled strip. Sharon Steel Corporation. 354,873, Mar. 1, 1938. Republished Sept. 7.

CLASS 15

Gasoline, kerosene, motor fuel oils, etc. Continental Oil Company. 306,919, Oct. 3, 1933. Republished Sept. 7.
Grease, Lubricating. Continental Oil Company. 283,689, June 2, 1931. Republished Sept. 7.
Grease, Lubricating. Continental Oil Company. 284,103, June 16, 1931. Republished Sept. 7.
Grease, Lubricating. Continental Oil Company. 358,861, July 26, 1938. Republished Sept. 7.
Grease, Lubricating. Continental Oil Company. 358,863, July 26, 1938. Republished Sept. 7.
Grease, Lubricating. Continental Oil Company. 379,075, July 2, 1940. Republished Sept. 7.
Oil and gasoline, Illuminating. Red "C" Oil Company. 244,587, renewed July 24, 1948. O. G. Sept. 7.
Oil, Lubricating. Continental Oil Company. 283,566–8, June 2, 1931. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 283,690–3, June 2, 1931. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 284,307, June 23, 1931. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 289,233, Nov. 24, 1931. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 292,339, Mar. 15, 1932. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 292,518, Mar. 15, 1932. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 297,088, Aug. 30, 1932. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 299,471, Dec. 6, 1932. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 358,862, July 26, 1938. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 359,371, Aug. 16, 1938. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 367,374, May 16, 1939. Republished Sept. 7.
Oil, Lubricating. Continental Oil Company. 371,925, Oct. 17, 1939. Republished Sept. 7.
Oil, Lubricating. International Harvester Company. 233,573, Oct. 4, 1927. Republished Sept. 7.
Oils and greases, Lubricating. Burger-Adams Petroleum Company. 226,059, Mar. 29, 1927. Republished Sept. 7.
Oils and greases, Naphtha and lubricating. R. J. Brown Company. 399,598, Jan. 19, 1943. Republished Sept. 7.
Oils, Motor. Continental Oil Company. 386,967, Apr. 29, 1941. Republished Sept. 7.
Oils, Penetrating. Shaler Company. 366,687, Apr. 25, 1939. Republished Sept. 7.
Oils, Refined, semirefined, and unrefined. Standard Oil Company of New Jersey. 244,001, renewed July 3, 1948. O. G. Sept. 7.

CLASS 16

Algin product. Kelco Company. 407,419, June 6, 1944. Republished Sept. 7.
Finish for floors. C. B. Dolge Company. 382,325, Oct. 22, 1940. Republished Sept. 7.
Oxide, Hydrated yellow iron. Witco Chemical Company. 419,308, Feb. 12, 1946. Republished Sept. 7.
Paints. N. V. Vernis- en Verffabriek v. h. J. Wagemakers & Zonen. 170,733, renewed July 24, 1943. O. G. Sept. 7.
Polish, floor wax, floor dressing, etc., Furniture. C. B. Dolge Company. 384,326, Jan. 14, 1941. Republished Sept. 7.
Solvents, Hydrocarbon. Standard Oil Company of New Jersey. 250,662, renewed Dec. 11, 1948. O. G. Sept. 7.

CLASS 17

Cigarettes. S. S. Pierce Co. 229,043, June 21, 1927. Republished Sept. 7.
Cigars. S. S. Pierce Co. 47,704, Nov. 14, 1905. Republished Sept. 7.
Cigars, S. S. Pierce Co. 58,233, Dec. 11, 1906. Republished Sept. 7.
Cigars. S. S. Pierce Co. 176,139, Nov. 20, 1923. Republished Sept. 7.
Cigars. S. S. Pierce Co. 204,467, Oct. 20, 1925. Republished Sept. 7.
Cigars. A. Sensenbrenner Sons. 502,033, Sept. 7; Serial No. 537,834, published June 1, 1948.
Snuff. United States Tobacco Company. 502,019, Sept. 7; Serial No. 531,550, published June 1.
Tobacco, chewing and smoking. Bloch Brothers Tobacco Co. 502,027, Sept. 7; Serial No. 536,037, published June 1, 1948.
Tobacco, Smoking. John Cotton, Limited. 249,204, renewed Nov. 13, 1948. O. G. Sept. 7.
Tobacco, Smoking. Penn Tobacco Company. 502,036, Sept. 7; Serial No. 539,746, published June 8, 1948.
Tobacco, Smoking and chewing. P. Lorillard Company. 502,029, Sept. 7; Serial No. 536,916, published June 8, 1948.
Tobacco, Smoking and chewing. P. Lorillard Company. 502,030, Sept. 7; Serial No. 536,921, published June 8, 1948.

CLASS 19

Automobiles. Société Lorraine des Anciens Etablissements de Dietrich & Cie. de Lunéville. 60,089, re-renewed Jan. 29, 1947. O. G. Sept. 7.
Bicycle parts, brakes, motor cycle parts. Eclipse Machine Company. 110,489, May 30, 1916. Republished Sept. 7.
Brake chambers and parts thereof, Fluid pressure. Bendix-Westinghouse Automotive Air Brake Company. 385,881, Mar. 18, 1941. Republished Sept. 7.
Coaster-brakes and parts thereof, Back-pedaling. Eclipse Machine Co. 54,705, June 26, 1908. Republished Sept. 7, 1948.
Parachutes. Irving Air Chute Company, Inc. 255,440, Apr. 23, 1929. Republished Sept. 7.
Parachutes, parachute packs, and parachute harness. Irving Air Chute Company, Inc. 228,084–5, May 24, 1948. Republished Sept. 7.
Parachutes, parachute packs, and parachute harness. Irving Air Chute Company, Inc. 228,087, May 24, 1927. Republished Sept. 7.

CLASS 21

Carbons, Negative. Speer Carbon Company. 118,714, Sept. 25, 1917. Republished Sept. 7.
Clips, Connection. Mueller Electric Co. 249,985, renewed Nov. 27, 1948. O. G. Sept. 7.
Controls, Electric. Federal Gauge Company. 245,654–5, renewed Aug. 21, 1948. O. G. Sept. 7.
Electrical goods and apparatus. Edwards and Company, Inc. 295,938, July 19, 1932. Republished Sept. 7.
Radio receiving sets. Hallicrafters Co. 420,247, Apr. 2, 1946. Republished Sept. 7.
Radio receiving sets, loud speakers, sound amplifiers, etc. W. J. Halligan. 311,778, Apr. 3, 1934. Republished Sept. 7.
Radio supplies. Trimm Radio Manufacturing Co. 207,213, Dec. 22, 1925. Republished Sept. 7.
Ranges and parts thereof, Electric. Electromaster, Inc. 353,656, Jan. 11, 1938. Republished Sept. 7.
Stoves and heating elements, Electric. Electromaster, Inc. 334,721, May 12, 1936. Republished Sept. 7.
Switches, Manually operable, mechanically operable and electrically operable. Hartman Manufacturing Company. 317,349, Sept. 25, 1934. Republished Sept. 7.
Switches, Manually operable, mechanically operable, and electrically operable. Hartman Manufacturing Company. 317,401, Sept. 25, 1934. Republished Sept. 7.
Wire, Insulated. National India Rubber Co. 70,737, re-renewed Sept. 29, 1948. O. G. Sept. 7.
Wires and cables, Bare and insulated electrical. General Cable Corporation. 247,436, renewed Sept. 25, 1948. O. G. Sept. 7.
Wires, Lead. Federal Gauge Co. 244,615, renewed July 24, 1948. O. G. Sept. 7.

CLASS 22

Athletic and sporting goods. Amco Sports Distributors. 502,016, Sept. 7; Serial No. 530,277, published May 25, 1948.
Camp folding table and grid, Combined. O. E. Fenske. 440,448, Sept. 7; Serial No. 502,508, published May 25, 1948.
Dolls. A. L. Clark. 440,515, Sept. 7; Serial No. 523,095, published May 25, 1948.
Dolls. H. Cohn. 440,506, Sept. 7; Serial No. 520,092, published May 25, 1948.
Dolls. A. Norton. 440,441, Sept. 7; Serial No. 492,217, published May 25, 1948.
Dolls. Show Doll Co. 440,511, Sept. 7; Serial No. 521,759, published May 25, 1948.
Dolls. Strawbridge & Clothier. 53,187, May 29, 1906. Republished Sept. 7.
Dolls and doll-sized animal characters. Coronet Toy Manufacturing Co. 440,494, Sept. 7; Serial No. 516,535, published May 25, 1948.
Dolls and toy rubber animals and figures. Ideal Novelty & Toy Co. 440,498, Sept. 7; Serial No. 518,078, published May 25, 1948.
Fish lure, Artificial. Red & Green Tackle Company. 440,512, Sept. 7; Serial No. 521,822, published May 25, 1948.
Fish lures and fish lure kits, Artificial. V. A. Kasin. 440,519, Sept. 7; Serial No. 525,218, published May 25, 1948.
Fish nets, Folding. T. A. Finn. 440,508, Sept. 7; Serial No. 520,623, published May 25, 1948.
Fishing bait, Artificial. E. C. Webb. 502,045, Sept. 7; Serial No. 528,594.
Fishing line. Ashaway Line & Twine Manufacturing Company. 501,987, Sept. 7; Serial No. 526,578, published May 25, 1948.
Fishing lines. Norwich Line Company, Inc. 440,478, Sept. 7; Serial No. 512,527, published May 25, 1948.
Fishing lines. United States Whip Company. 250,078, renewed Nov. 27, 1948. O. G. Sept. 7.
Fishing lures, Artificial. Flectolite. 440,504, Sept. 7; Serial No. 519,805, published May 25, 1948.
Fishing lures, Artificial. R. L. Line. 440,520, Sept. 7; Serial No. 525,223, published May 25, 1948.
Fisfling reels. J. E. North. 440,473, Sept. 7; Serial No. 511,283, published May 25, 1948.
Fishing reels. E. B. Rosner. 440,499, Sept. 7; Serial No. 518,325, published May 25, 1948.
Frames for holding an inflatable buoyant floatable object. Hampden Specialty Products, Inc. 440,444, Sept. 7; Serial No. 500,753, published May 25, 1948.
Game of skill including a game board and movable game pieces. J. Sears. 440,507, Sept. 7; Serial No. 520,532, published May 25, 1948.
Games. W. R. Mabry. 440,516, Sept. 7; Serial No. 523,848, published May 25, 1948.
Golf clubs and parts thereof. J. L. Nilson. 440,505, Sept. 7; Serial No. 519,894, published May 25, 1948.
Golf instruction and practice apparatus. R. Crowley. 440,514, Sept. 7; Serial No. 522,346, published May 25, 1948.
Holder for toys, Suspension. W. E. Kick. 440,513, Sept. 7; Serial No. 521,898, published May 25, 1948.
Play balls, Rubber. Eagle Rubber Co., Inc. 501,988, Sept. 7; Serial No. 526,921, published May 25, 1948.
Playthings, Children's. M. F. Florest. 440,467, Sept. 7; Serial No. 509,763, published May 25, 1948.
Score boards, Cribbage. R. C. Shipley. 502,000, Sept. 7; Serial No. 529,313, published Mar. 30, 1948.
Tennis rackets, tennis balls, badminton rackets, etc. M. M. Ross. 440,445, Sept. 7; Serial No. 500,829, published May 25, 1948.
Tilts having a reel and line, Non-freezing. The Fishcrafters. 440,450, Sept. 7; Serial No. 502,966, published May 25, 1948.
Toy bird figure, Activated. House of Platé. 440,472, Sept. 7; Serial No. 511,219, published May 25, 1948.
Toy blocks. Creative Educational Society. 440,491, Sept. 7; Serial No. 515,658, published May 25, 1948.
Toys. Quvas Products Inc. 440,489, Sept. 7; Serial No. 515,548, published May 25, 1948.
Toys, Animated. Kohner Bros. 440,492, Sept. 7; Serial No. 516,081, published June 1, 1948.
Toys, Animated. Kohner Bros. 440,503, Sept. 7; Serial No. 519,759, published June 1, 1948.
Toys, Aquatic. Dolphin Toys. 440,501, Sept. 7; Serial No. 519,182, published May 25, 1948.
Toys, Collapsible. Becklin Limited. 502,044; Sept. 7; Serial No. 516,391.
Toys, dolls, and games. Firm of F. A. O. Schwartz. 31,839, re-renewed Aug. 2, 1948. O. G. Sept. 7.
Whistles, toy piano sets, plastic toy furniture sets, etc., Plastic. New York Merchandise Co., Inc. 440,524, Sept. 7; Serial No. 489,524.

CLASS 23

Blowers, crushers for rock ore, and the like, Air. Denver Fire Clay Company. 246,822–3, renewed Sept. 18, 1948. O. G. Sept. 7.
Brushes, end brushes, and twisted stem brushes, Rotary. Osborn Manufacturing Company. 417,141, Oct. 16, 1945. Republished Sept. 7.
Brushes forming parts of industrial machines, brushes made from wire, Wire. Osborn Manufacturing Company. 430,118, June 10, 1947. Republished Sept. 7.
Carriers, Glue-clamp. N. J. Billstrom. 210,419, Mar. 16, 1926. Republished Sept. 7.
Corn shellers, disk harrows, and lime sowers. General Implement Corporation. 426,294, Dec. 24, 1946. Republished Sept. 7.
Cutting machine, Abrasive. American Chain & Cable Company, Inc. 397,123, Aug. 18, 1942. Republished Sept. 7.
Cutting machine, Abrasive. Andrew C. Campbell, Inc. 304,871, July 18, 1933. Republished Sept. 7.
Engines and parts thereof, Steam. National Supply Company of California. 322,069, Feb. 26, 1935. Republished Sept. 7.

Horns and audible warning signals, Fluid pressure operated. Bendix-Westinghouse Automatic Air Brake Company. 381,435, Sept. 24, 1940. Republished Sept. 7.
Lawn mowers. American Chain & Cable Company, Inc. 421,449, June 4, 1946. Republished Sept. 7.
Lawn mowers. American Chain & Cable Company, Inc. 424,877, Oct. 29, 1946. Republished Sept. 7.
Machinery, Metal-swaging. Andrew C. Campbell, Incorporated. 282,879, May 5, 1931. Republished Sept. 7.
Machines and apparatus and parts thereof. Buffalo Forge Company. 147,943, Nov. 8, 1921. Republished Sept. 7.
Machines for cutting sheet metal. Andrew C. Campbell, Incorporated. 171,567, Aug. 7, 1923. Republished Sept. 7.
Mounts, Rubber vibration. Hamilton Kent Manufacturing Company. 417,722, Nov. 13, 1945. Republished Sept. 7.
Pick axes, cavadores, barretones, etc. Collins Company. 70,752–3. Sept. 29, 1908. Republished Sept. 7.
Printing machines. Addressograph Company. 244,504, July 17, 1928. Republished Sept. 7.
Pumps and parts thereof. La Bour Company, Inc. 318,891, Nov. 6, 1934. Republished Sept. 7.
Saw bits and saw shanks. Southern Saw Works, Inc. 431,675, July 29, 1947. Republished Sept. 7.
Sprayers and parts thereof, Hand-operated portable. Hudson Manufacturing Co. 232,872, Sept. 20, 1927. Republished Sept. 7.
Straps, Check. E. F. Houghton & Co. 234,206, Oct. 18, 1927. Republished Sept. 7.
Tools. W. A. Whitney Manufacturing Company. 188,662, Sept. 2, 1924. Republished Sept. 7.
Tools, Live line maintenance. A. B. Chance Company. 399,495, Jan. 12, 1943. Republished Sept. 7.
Tractors. Clark Tructractor Company. 240,492, renewed Mar. 27, 1948. O. G. Sept. 7.

CLASS 24

Dry-cleaning machinery or apparatus. American Laundry Machinery Company. 502,026, Sept. 7; Serial No. 535,376, published June 1, 1948.
Laundry machinery. American Laundry Machinery Company. 502,023–4. Sept. 7; Serial Nos. 535,369–70, published June 1, 1948.
Laundry machinery. American Laundry Machinery Company. 502,025. Sept. 7; Serial No. 535,372, published June 1, 1948.
Racks, Clothes drying. Denver Wood Products Co. 440,457, Sept. 7; Serial No. 506,429, published May 11, 1948.

CLASS 25

Latches and catches. National Lock Co. 425,586, Nov. 26, 1946. Republished Sept. 7.
Locks, keys, and key blanks. National Lock Co. 415,102, July 10, 1945. Republished Sept. 7.
Seals, Base-metal truck, car, and shipping-case, etc. E. J. Brooks and Company. 255,140, Apr. 16, 1929. Republished Sept. 7.

CLASS 26

Calculating devices. Eugene Dietzgen Co. 440,437, Sept. 7; Serial No. 483,809, published May 18, 1948.
Cameras and parts thereof, light meters, range and objective finders and enlargers, Photographic. S. A. Neox. 440,487, Sept. 7; Serial No. 514,770, published May 25, 1948.
Cameras and projectors, Motion picture. Revere Camera Company. 501,992, Sept. 7; Serial No. 527,862, published May 18, 1948.
Cameras, Photographic. Bell & Howell Company. 502,002–3, Sept. 7; Serial Nos. 529,552–3, published May 18, 1948.
Cameras, Photographic. Bell & Howell Company. 502,013, Sept. 7; Serial No. 529,573, published June 1, 1948.
Chart, Manipulable. L. B. Victor. 440,502, Sept. 7; Serial No. 519,452, published May 18, 1948.
Compasses, Magnetic. G. A. Salzgeber. 238,440, renewed Feb. 7, 1948. O. G. Sept. 7.
Electronic inspection machine. W. A. Gieseke. 440,439, Sept. 7; Serial No. 484,628, published Aug. 13, 1946.
Electronic timing switch. Development Corporation of America. 440,456, Sept. 7; Serial No. 506,370, published May 18, 1948.
Eye glasses. Lu-Optic Mfg. Co. 440,465, Sept. 7; Serial No. 508,802, published May 18, 1948.
Lenses and lens blanks, Ophthalmic. Shuron Optical Company, Inc. 440,471, Sept. 7; Serial No. 511,112, published June 1, 1948.
Lenses for optical purposes. White-Haines Optical Company. 432,543, Sept. 2, 1947. Republished Sept. 7.
Lenses, Objective. Kern & Co. A-G. 440,442, Sept. 7; Serial No. 494,563, published May 18, 1948.
Lenses, Photographic. Bell & Howell Company. 502,005–6, Sept. 7; Serial Nos. 529,558–9, published May 18, 1948.
Lenses, Photographic. Bell & Howell Company. 502,006–7, Sept. 7; Serial Nos. 529,560–1, published May 18, 1948.
Lenses, Photographic. Bell & Howell Company. 502,008, Sept. 7; Serial No. 529,565, published May 25, 1948.
Lenses, Photographic. Bell & Howell Company. 502,009, Sept. 7; Serial No. 529,567, published May 25, 1948.
Lenses, Photographic. Bell & Howell Company. 502,014, Sept. 7; Serial No. 529,577, published June 1, 1948.
Lenses, Projection. Bell & Howell Company. 502,011, Sept. 7; Serial No. 529,569, published May 25, 1948.
Lenses, spectacle lenses, gun sight lenses, Eyeglass. I. Lampert. 395,771, June 9, 1942. Republished Sept. 7.
Meters and parts thereof and telemetric attachments. American Telemeter Corporation. 440,476, Sept. 7; Serial No. 512,145, published May 25, 1948.
Photographic equipment. International Radio Corporation. 360,082, Sept. 6, 1938. Republished Sept. 7.
Projecting apparatus and sound reproducing apparatus associated therewith, Motion picture. Bell & Howell Company. 502,012, Sept. 7; Serial No. 529,572, published May 25, 1948.
Projectors, Motion picture. Bell & Howell Company. 502,010, Sept. 7; Serial No. 529,568, published May 25, 1948.
Projectors, Motion picture and still picture. Bell & Howell Company. 502,004, Sept. 7; Serial No. 529,554, published May 18, 1948.
Screens, Projector. Musebeck Shoe Company. 416,076, Aug. 28, 1945. Republished Sept. 7.
Sieves of metal and wire cloth. Denver Fire Clay Company. 246,824, renewed Sept. 18, 1948. O. G. Sept. 7.
Sieves of metal and wire cloth. Denver Fire Clay Company. 247,149, renewed Sept. 18, 1948. O. G. Sept. 7.
Sun glasses. W. Goldstein. 440,453, Sept. 7; Serial No. 504,438, published Mar. 4, 1947.
Tachometers, and timer mechanism for photograph enlargers. Electric Mechano Co. 440,525, Sept. 7; Serial No. 489,857.
Telescopes, field glasses. C. Zeiss. 243,158, renewed June 12, 1948. O. G. Sept. 7.
Telescopes, field glasses. C. Zeiss. 243,236, renewed June 12, 1948. O. G. Sept. 7.
Triangles, templates, irregular curves, scales, Draftsmans and engineering, etc. M. Bowerman. 440,526, Sept. 7; Serial No. 502,119.
Wind driven apparatus. Bendix Aviation Corporation. 440,449, Sept. 7; Serial No. 502,877, published May 25, 1948.
X-ray film, Dental. S. A. Herman. 440,479, Sept. 7; Serial No. 513,245, published May 18, 1948.

CLASS 27

Light and alarm, more particularly an electric flash light and watch driven alarm, Unit Combination. R. L. Whitman. 502,046, Sept. 7; Serial No. 538,835.
Watch movements and parts thereof. B. Jadow, Inc. 316,453, Aug. 28, 1934. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 184,904, June 3, 1924. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 258,603, July 9, 1929. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 263,544, Nov. 5, 1929. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 276,628, Oct. 21, 1930. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 277,684, Nov. 25, 1930. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 279,540, Jan. 20, 1931. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 288,505, Oct. 27, 1931. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 289,416, Nov. 24, 1931. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 289,419, Nov. 24, 1931. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 295,591, July 5, 1932. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 316,745, Sept. 4, 1934. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 323,564, Apr. 23, 1935. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 335,455, June 2, 1936. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 335,456–7, June 2, 1936. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 336,172, June 30, 1936. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 336,175–6, June 30, 1936. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 336,247–8, June 30, 1936. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 336,634, July 14, 1936. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 344,676, Mar. 30, 1937. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 360,646, Sept. 20, 1938. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 365,454–5, Mar. 7, 1939. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 365,926, Mar. 21, 1939. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 367,988, June 6, 1939. Republished Sept. 7.
Watches. Bulova Watch Company, Inc., 369,180, July 18, 1939. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 369,777–8, Aug. 1, 1939. Republished Sept. 7.

Watches. Bulova Watch Company, Inc. 370,317–18, Aug. 22, 1939. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 371,771, Oct. 3, 1939. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 375,847, Mar. 5, 1940. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 376,536, Mar. 26, 1940. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 380,471, Aug. 20, 1940. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 387,729, May 27, 1941. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 390,038, Sept. 2, 1941. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 392,245, Dec. 16, 1941. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 399,114, Dec. 15, 1942. Republished Sept. 7.
Watches. Bulova Watch Company, Inc. 400,346, Mar. 2, 1943. Republished Sept. 7.
Watches and attached bracelets sold as a unit. Bulova Watch Company, Inc. 311,909, Apr. 10, 1934. Republished Sept. 7.
Watches and clocks. Bulova Watch Company, Inc. 290,932, Jan. 19, 1932. Republished Sept. 7.
Watches and their attached bracelets, Bracelet. Bulova Watch Company, Inc. 299,818–19, Dec. 27, 1932. Republished Sept. 7.
Watches and their attached bracelets, Bracelet. Bulova Watch Company, Inc. 302,038, Mar. 21, 1933. Republished Sept. 7.
Watches and watchcases. Bulova Watch Company, Inc. 234,641, Nov. 1, 1927. Republished Sept. 7.
Watches and watch movements. Bulova Watch Company, Inc. 248,827, Oct. 30, 1928. Republished Sept. 7.
Watches, Ladies' wrist. Bulova Watch Company, Inc. 262,405, Oct. 8, 1929. Republished Sept. 7.
Watches, Ladies' wrist. Bulova Watch Company, Inc. 271,234, May 27, 1930. Republished Sept. 7.
Watches, Ladies' wrist. Westfield Watch Company, Inc. 262,538, Oct. 15, 1929. Republished Sept. 7.
Watches, Wrist or strap. Bulova Watch Company, Inc. 290,379–80, Jan. 5, 1932. Republished Sept. 7.
Watches, Wrist or strap. Bulova Watch Company, Inc. 290,534, Jan. 5, 1932. Republished Sept. 7.
Wrist bands or bracelets. Bulova Watch Company, Inc. 254,012, Mar. 12, 1929. Republished Sept. 7.
Wrist watches. Bulova Watch Company, Inc. 260,725, Aug. 27, 1929. Republished Sept. 7.
Wrist watches. Bulova Watch Company, Inc. 262,865, Oct. 29, 1929. Republished Sept. 7.
Wrist watches. Bulova Watch Company, Inc. 264,102, Nov. 19, 1929. Republished Sept. 7.
Wrist watches. Bulova Watch Company, Inc. 264,117, Nov. 19, 1929. Republished Sept. 7.
Wrist watches. Westfield Watch Company, Inc. 261,850, Sept. 24, 1929. Republished Sept. 7.

CLASS 28

Bracelets and wrist bands and straps. Bulova Watch Company, Inc. 288,379, Oct. 27, 1931. Republished Sept. 7.
Bracelets, brooches, lingerie fasteners, etc. L. W. Nerney. 243,881. renewed July 3, 1948. O. G. Sept. 7.
Jewelry. Schein Brothers, Inc. 321,966, Feb. 19, 1935. Republished Sept. 7.
Rings. Jones & Woodland. 48,132, Dec. 21, 1905. Republished Sept. 7.

CLASS 29

Brushes and brooms, Household, factory, foundry, etc. Cleveland Osborn Manufacturing Company. 127,357, Nov. 11, 1919. Republished Sept. 7.
Brushes and house painters' brushes, Artists'. R. Y. L. Pitet. 165,481, renewed Mar. 13, 1943. O. G. Sept. 7.
Brushes, House painters'. R. Y. L. Pitet. 165,482, renewed Mar. 13, 1943. O. G. Sept. 7.

CLASS 31

Refrigerator cabinets. Grand Rapids Cabinet Company. 285,501, July 28, 1931. Republished Sept. 7.

CLASS 32

Cabinets for registers. Egry Register Company. 155,676, June 6, 1922. Republished Sept. 7.
Furniture, Babies' and children's. Wm. Filene's Sons Company. 267,866, Mar. 4, 1930. Republished Sept. 7.

CLASS 33

Bottles, Glass. Thatcher Manufacturing Company. 417,950, Nov. 20, 1945. Republished Sept. 7.
Bottles, Glass. Thatcher Manufacturing Company. 419,305, Feb. 12, 1946. Republished Sept. 7.
Glass and picture-glass, Sheet. Bache, Semon, & Company. 48,250, Dec. 19, 1905. Republished Sept. 7.
Glass, Colored. Bache, Semon, & Company. 178,654, Jan. 15, 1924. Republished Sept. 7.
Glass, Sheets of colored. Bache, Semon, & Company. 369,395, July 25, 1939. Republished Sept. 7.
Mirror-plates. Bache, Semon, & Company. 56,329, Sept. 11, 1906. Republished Sept. 7.

CLASS 34

Burners using gas, oil, and other fuels. Denver Fire Clay Company. 246,386, renewed Sept. 4, 1948. O. G. Sept. 7.
Furnaces and parts therefor, Non-electric industrial. Manufacturers and Fabricators, Inc. 431,664, July 29, 1947. Republished Sept. 7.
Heaters, Gas, oil, and vapor burning water, etc. Cleveland Heater Company. 254,650, Mar. 26, 1929. Republished Sept. 7.
Hot-water systems and hot-water heaters, Gas-heated. General Water Heater Corporation. 242,310, renewed May 22, 1948. O. G. Sept. 7.
Stokers. Detroit Stoker Company. 234,958, Nov. 8, 1927. Republished Sept. 7.
Stokers. Detroit Stoker Company. 301,305, Feb. 28, 1933. Republished Sept. 7.
Stokers, Fuel. Detroit Stoker Company. 401,264, May 14, 1943. Republished Sept. 7.
Stoves, Gas and oil. Detroit Vapor Stove Co. 242,823, June 5, 1928. Republished Sept. 7.

CLASS 35

Gaskets, packings, and washers, Leather. Excelsior Leather Washer Manufacturing Co. 402,113, Jan. 29, 1943. Republished Sept. 7.
Hose, belting, packing, etc. Revere Rubber Company. 31,930, re-renewed Sept. 6, 1948. O. G. Sept. 7.
Leathers, and washers of leather, and gaskets of leather, Pump and valve. Excelsior Leather Washer Manufacturing Co. 126,536, Sept. 16, 1919. Republished Sept. 7.
Leathers, valve and plunger leathers, etc., Cup. Excelsior Leather Washer Manufacturing Co. 303,322, May 23, 1933. Republished Sept. 7.
Piston rings. Duoflex Piston Ring Company. 270,464, May 6, 1930. Republished Sept. 7.
Rings, Clutch. Thermoid Rubber Company. 216,976, Aug. 24, 1926. Republished Sept. 7.
Tire protectors, outside tire protectors, portable tire, etc., Inside. Goodyear Tire & Rubber Company. 245,817, Aug. 21, 1928. Republished Sept. 7.
Tires and inner tubes, Pneumatic. Miller Rubber Company. 245,855, renewed Aug. 21, 1948. O. G. Sept. 7.
Tires, Rubber. United States Rubber Company. 245,262, renewed Aug. 7, 1948. O. G. Sept. 7.

CLASS 36

Needles, Phonograph. Admiral Corporation. 440,438, Sept. 7; Serial No. 484,071, published June 1, 1948.
Record, Mechanically grooved talking machine. Zenith Radio Corporation. 440,517, Sept. 7; Serial No. 524,846, published June 8, 1948.
Records, Mechanically grooved phonograph. School of Radio Technique, Inc. 440,458, Sept. 7; Serial No. 506,615, published June 8, 1948.
Records, Mechanically grooved phonograph. Trilon Record Mfg. Co. 440,447, Sept. 7; Serial No. 502,473, published June 1, 1948.
Reeds, Instrument. Chesbro Music Co. 312,649, May 1, 1934. Republished Sept. 7.

CLASS 37

Erasers, lead and crayon pencils, Rubber. A. W. Faber, Inc. 323,265, Apr. 9, 1935. Republished Sept. 7.
Forms, Manifolding. Egry Register Company. 331,755, Jan. 21, 1936. Republished Sept. 7.
Mats, Stereotype. Burgess Cellulose Company. 502,020, Sept. 7; Serial No. 532,416, published June 1, 1948.
Napkins, toilet paper, and paper towels, Paper. Fort Howard Paper Company. 211,000, Apr. 13, 1926. Republished Sept. 7.
Paper and announcement paper, Cover. Peninsular Paper Company. 303,583, May 30, 1933. Republished Sept. 7.
Paper and tracing cloth, Tracing. N. J. Brown. 411,375, Jan. 16, 1945. Republished Sept. 7.
Paper, Book and cover. Peninsular Paper Co. 52,731, May 15, 1906. Republished Sept. 7.
Paper, Cover. Peninsular Paper Company. 166,926, Apr. 17, 1923. Republished Sept. 7.
Paper, Cover. Peninsular Paper Company. 169,182, June 12, 1923. Republished Sept. 7.
Paper, Cover. Peninsular Paper Company. 177,851, Jan. 1, 1924. Republished Sept. 7.
Paper, drawing-paper, pencil-paper, etc. J. C. Blair Company. 71,099, re-renewed Nov. 3, 1948. O. G. Sept. 7.
Paper, drawing-paper, pencil-paper, etc. J. C. Blair Company. 71,105, re-renewed Nov. 3, 1948. O. G. Sept. 7.
Paper, drawing-paper, pencil-paper, etc. J. C. Blair Company. 71,108, re-renewed Nov. 3, 1948. O. G. Sept. 7.
Paper, drawing-paper, pencil-paper, etc. J. C. Blair Company. 71,141, re-renewed Nov. 3, 1948. O. G. Sept. 7.
Paper, drawing-paper, pencil-paper, etc. J. C. Blair Company. 71,143–5, re-renewed Nov. 3, 1948. O. G. Sept. 7.
Paper, envelopes, and blank gummed labels, Writing. E. C. Kinney. 427,989, Mar. 4, 1947. Republished Sept. 7.
Paper fabric adapted for skin cleansing and cosmetic-removing purposes. Fort Howard Paper Company. 213,028, May 18, 1926. Republished Sept. 7.
Paper, paper napkins, paper towels, etc., Toilet. Fort Howard Paper Company. 180,873, Mar. 11, 1924. Republished Sept. 7.
Paper, paper napkins, paper towels, etc., Toilet. Fort Howard Paper Company. 182,721, Apr. 15, 1924. Republished Sept. 7.

Paper, paper napkins, paper towels, etc., Toilet. Fort Howard Paper Company. 191,202, Nov. 4, 1924. Republished Sept. 7.
Paper, paper towels, paper napkins, etc., Toilet. Fort Howard Paper Company. 206,994, Dec. 15, 1925. Republished Sept. 7.
Paper, paper towels, paper napkins, etc., Toilet. Fort Howard Paper Company. 331,309, Dec. 31, 1935. Republished Sept. 7.
Paper, Printing, writing, cover, and bond. Peninsular Paper Company. 146,836, Sept. 20, 1921. Republished Sept. 7.
Paper, Tracing. Keuffel & Esser. 440,510, Sept. 7; Serial No. 521,663, published June 8, 1948.
Paper, transparent paper, and wrapping paper, Waxed. Newark Paraffine & Parchment Paper Co. 355,787, Mar. 29, 1938. Republished Sept. 7.
Paper, Waxed. Newark Paraffine & Parchment Paper Co. 226,659, Apr. 19, 1927. Republished Sept. 7.
Paper, Waxed. Newark Paraffine & Parchment Paper Co. 296,366, Aug. 2, 1932. Republished Sept. 7.
Paper, Waxed, transparent, and wrapping. Newark Paraffine & Parchment Paper Co. 386,656, Apr. 22, 1941. Republished Sept. 7.
Paper, Writing. Brightwater Paper Company. 502,017–S. Sept. 7; Serial Nos. 531,083–4, published June 1, 1948.
Papeteries, i. e., stationary comprising envelopes and/or paper. Western Tablet & Stationery Corporation. 440,521, Sept. 7; Serial No. 526,163, published June 1, 1948.
Pencils. H. Maucher. 320,620, Jan. 1, 1935. Republished Sept. 7.
Pencils, colored pencils, copying pencils, etc., Lead. A. W. Faber. 85,852, Mar. 26, 1912. Republished Sept. 7.
Pencils, colored pencils, copying pencils, etc., Lead. A. W. Faber. 86,583, May 21, 1912. Republished Sept. 7.
Pencils, colored pencils, copying pencils, etc., Lead. A. W. Faber. 100,302, Oct. 20, 1914. Republished Sept. 7.
Pencils, Lead, Styles & Cash. 70,678, re-renewed Sept. 22, 1948. O. G. Sept. 7.
Pencils, pencil holders, colored pencils, etc., Lead. A. C. Von Faber-Castel. 197,169, Apr. 14, 1925. Republished Sept. 7.
Pens, Fountain. Reynolds Pen Company. 440,509, Sept. 7; Serial No. 521,535, published June 8, 1948.
Registers and paper fillers therefor, Autographic. Egry Register Company. 302,374, Apr. 18, 1933. Republished Sept. 7.
Registers and stationery, Autographic. Egry Register Company. 284,501, June 30, 1931. Republished Sept. 7.
Sheets of fibrous material, Laminated. Bishop Stansell Company. 501,979, Sept. 7; Serial No. 484,872, published June 8, 1948.
Stationery, Fine. Wausau Paper Mills Company. 440,488, Sept. 7; Serial No. 514,862, published June 1, 1948.
Tissue, Cleansing. San-Nap-Pak Mfg. Co. Inc. 326,597, July 30, 1935. Republished Sept. 7.
Tissue, Cleansing. San-Nap-Pak Manufacturing Company, Inc. 334,647, May 12, 1936. Republished Sept. 7.
Tissue, Toilet. San-Nap-Pak Company, Inc. 363,724, Jan. 3, 1939. Republished Sept. 7.
Wrappers. Newark Paraffine & Parchment Paper Co. 340,913, Nov. 24, 1936. Republished Sept. 7.

CLASS 38

Booklets, Map. Continental Oil Company. 427,809, Feb. 25, 1947. Republished Sept. 7.
Books, Series of. Cromwell-Collier Publishing Company. 502,038, Sept. 7; Serial No. 543,791, published June 1, 1948.
Bulletin, house organ, and trade publications. Old Colony Envelope Company. 502,025, Sept. 7; Serial No. 536,544, published June 1, 1948.
Bulletin, Technical data. Maas & Waldstein Company. 440,486, Sept. 7; Serial No. 514,764, published June 8, 1948.
Cards, Greeting. Gartner and Bender, Inc. 502,034, Sept. 7; Serial No. 537,888, published June 1, 1948.
Cards, printed greeting folders, calendars, etc., Greeting. Norcross. 440,455, Sept. 7; Serial No. 506,338, published May 25, 1948.
Cartoons, Series of. Tribune Company. 440,446, Sept. 7; Serial No. 502,352, published June 1, 1948.
Decalcomanias. Meyercord Company. 278,792, Dec. 30, 1930. Republished Sept. 7.
Decalcomanias. Meyercord Company. 281,401, Mar. 17, 1931. Republished Sept. 7.
Decalcomanias. Meyercord Company. 359,544, Aug. 23, 1938. Republished Sept. 7.
Decalcomanias. Meyercord Company. 360,006, Sept. 6, 1938. Republished Sept. 7.
Decalcomanias, Commercial and decorative. Meyercord Company. 428,875, Apr. 8, 1947. Republished Sept. 7.
Decalcomanias, Commercial and decorative. Meyercord Company. 428,876, Apr. 8, 1947. Republished Sept. 7.
Journal, Agricultural. Luther Tucker & Son. 60,497, renewed Feb. 12, 1947. O. G. Sept. 7.
Journal, Monthly. American Hospital Association. 502,032, Sept. 7; Serial No. 537,647, published June 8, 1948.
Magazine, Monthly. H. H. Gottlieb. 440,522, Sept. 7; Serial No. 526,224, published June 8, 1948.
Magazine, Monthly. Poultry Tribune Company. 230,938, renewed Aug. 9, 1947. O. G. Sept. 7.
Magazine, Monthly. Radio Engineering Magazine, Inc. 243,004, renewed June 12, 1948. O. G. Sept. 7.
Musical compositions, printed books, dramatic compositions, etc. J. Balogh. 440,461, Sept. 7; Serial No. 507,293, published June 8, 1948.
Newspaper column, Daily. T. J. Cuzalina. 440,485, Sept. 7; Serial No. 514,693, published June 1, 1948.
Newspaper, Daily. Bangor Publishing Company. 165,252, Mar. 6, 1923. Republished Sept. 7.
Newspaper section. New York Times Company. 247,125, renewed Sept. 18, 1928. O. G. Sept. 7.
Newspapers. Afro-American Company of Baltimore City. 501,999, Sept. 7; Serial No. 529,124, published June 8, 1948.
News sheets pertaining to foods in cans. Can Manufacturers Institute. 440,443, Sept. 7; Serial No. 500,054, published June 8, 1948.
Periodical. Davison Chemical Corporation. 440,454, Sept. 7; Serial No. 506,295, published June 1, 1948.
Periodical, Monthly. Butterick Publishing Company. 158,909, Sept. 19, 1922. Republished Sept. 7.
Periodicals, Weekly. Army & Navy Bulletin, Inc. 502,035, Sept. 7; Serial No. 538,592, published June 1, 1948.
Publication. American Society of Tool Engineers, Inc. 375,767, Feb. 27, 1940. Republished Sept. 7.
Publication relating to homes, gardens, and the like. Meredith Publishing Company. 502,037, Sept. 7; Serial No. 541,780, published June 8, 1948.
Publications, Periodical. International Society of Air Affairs. 440,518, Sept. 7; Serial No. 525,216, published June 8, 1948.
Publications, Periodical printed. Stonhill & Gillis Limited. 440,496, Sept. 7; Serial No. 517,528, published June 8, 1948.
Trading stamps. Travel Plan Corporation. 502,031, Sept. 7; Serial No. 537,373, published June 1, 1948.

CLASS 39

Boots and shoes, Leather. Heywood Boot & Shoe Company. 68,064, Mar. 3, 1908. Republished Sept. 7.
Boots and shoes of leather. Endicott-Johnson Co. 64,219, July 30, 1907. Republished Sept. 7.
Boots and shoes of leather. Endicott-Johnson Company. 64,335, Aug. 6, 1907. Republished Sept. 7.
Caps, Brearley Company. 217,623, Sept. 7, 1926. Republished Sept. 7.
Caps, household aprons, rubber overshoes, etc., Bathing. Miller Rubber Company. 247,337, renewed Sept. 25, 1948. O. G. Sept. 7.
Clothing, Men's and boys' outer. Strawbridge & Clothier. 154,712, Apr. 18, 1922. Republished Sept. 7.
Clothing, Men's outer. Malcolm Kenneth Co. 329,460, Oct. 29, 1935. Republished Sept. 7.
Corsets. Strawbridge & Clothier. 37,585, Nov. 14, 1905. Republished Sept. 7.
Drawers, sport drawers, and running pants. Wilson Brothers. 260,065, Aug. 31, 1929. Republished Sept. 7.
Garters, braces, and suspenders. Pioneer Suspender Company. 501,989, Sept. 7; Serial No. 527,379, published Apr. 6, 1948.
Gloves and mittens. Coshocton Glove Co. 239,320, Feb. 28, 1928. Republished Sept. 7.
Gloves and mittens. Indianapolis Glove Company. 321,307, Jan. 29, 1935. Republished Sept. 7.
Gloves, Leather. Strawbridge & Clothier. 75,547, Oct. 12, 1909. Republished Sept. 7.
Hairnets. D. Fiegenheimer. 432,546, Sept. 2, 1947. Republished Sept. 7.
Hats and caps, Men's, young men's, and boys'. Strawbridge & Clothier. 161,311, Nov. 7, 1922. Republished Sept. 7.
Hats for men. Crofut & Knapp Co. 249,842, renewed Nov. 20, 1948. O. G. Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 375,896, Mar. 5, 1940. Republished Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 375,897, Mar. 5, 1940. Republished Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 375,898, Mar. 5, 1940. Republished Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 376,051, Mar. 12, 1940. Republished Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 378,902, June 25, 1940. Republished Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 393,206, Jan. 27, 1942. Republished Sept. 7.
Hats for women. Associated Retail Millinery, Incorporated. 402,719, Aug. 10, 1943. Republished Sept. 7.
Hats, Men's, youths', and boys'. Rothschild Bros. Hat Company. 364,038, Jan. 17, 1939. Republished Sept. 7.
Headwear. Le Rae Hat Co. 278,386, Dec. 16, 1930. Republished Sept. 7.
Headwear. Le Rae Hat Co. 278,507, Dec. 23, 1930. Republished Sept. 7.
Hosiery. A. B. Andrews Company. 65,662, Oct. 15, 1907. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 174,833, Oct. 23, 1923. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 177,567, Dec. 18, 1923. Republished Sept. 7.

Hosiery. Bear Brand Hosiery Co. 219,637, Oct. 19, 1926. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 228,504, June 7, 1927. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 231,079, Aug. 9, 1927. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 231,133, Aug. 16, 1927. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 231,142, Aug. 16, 1927. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 252,293, Jan. 29, 1929. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 253,688, Mar. 5, 1929. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 277,807, Nov. 25, 1930. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 293,509, Apr. 26, 1932. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 317,688, Oct. 2, 1934. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 323,273, Apr. 9, 1935. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 326,453, July 23, 1935. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 327,246, Aug. 20, 1935. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 331,967, Jan. 28, 1936. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 338,606, Sept. 8, 1936. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 339,152, Sept. 29, 1936. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 354,865, Mar. 1, 1938. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 366,443, Apr. 11, 1939. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 367,459, May 16, 1939. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 378,034, May 21, 1940. Republished Sept. 7.
Hosiery. Bear Brand Hosiery Co. 386,130, Mar. 25, 1941. Republished Sept. 7.
Hosiery. Burson Knitting Company. 151,694, Feb. 14, 1922. Republished Sept. 7.
Hosiery. Burson Knitting Company. 164,775, Feb. 27, 1923. Republished Sept. 7.
Hosiery. Burson Knitting Company. 171,297, Aug. 7, 1923. Republished Sept. 7.
Hosiery. Burson Knitting Company. 278,657, Dec. 23, 1930. Republished Sept. 7.
Hosiery. Burson Knitting Company. 279,090, Jan. 6, 1931. Republished Sept. 7.
Hosiery. Elliott Knitting Mills, Inc. 245,847, renewed Aug. 21, 1948. O. G. Sept. 7.
Hosiery. Gor-Jus Hosiery Mills, Inc. 254,085, Mar. 12, 1929. Republished Sept. 7.
Hosiery. Massachusetts Knitting Mills. 166,017, Mar. 27, 1923. Republished Sept. 7.
Hosiery. Mock, Judson, Voehringer Company of New York, Inc. 332,603, Feb. 18, 1936. Republished Sept. 7.
Hosiery. Paramount Knitting Co. 56,142, Aug. 28, 1906. Republished Sept. 7.
Hosiery. Paramount Knitting Company. 66,525, Dec. 10, 1907. Republished Sept. 7.
Hosiery. Paramount Knitting Company. 116,449, May 1, 1917. Republished Sept. 7.
Hosiery. Wayne Knitting Mills. 302,252, Apr. 4, 1933. Republished Sept. 7.
Hosiery. Wayne Knitting Mills. 309,347–S, Jan. 9, 1934. Republished Sept. 7.
Hosiery. Wayne Knitting Mills. 341,893, Dec. 29, 1936. Republished Sept. 7.
Hosiery. Wilson Brothers. 231,131, Aug. 16, 1927. Republished Sept. 7.
Hosiery. Wilson Brothers. 337,446, Aug. 4, 1936. Republished Sept. 7.
Hosiery, pajamas, bathing suits, etc. Mandel & Cohen. 311,702, Apr. 3, 1934. Republished Sept. 7.
Jackets, Men's sport. Wilson Brothers. 363,497, Dec. 27, 1938. Republished Sept. 7.
Mufflers, Men's. Wilson Brothers. 379,001, June 25, 1940. Republished Sept. 7.
Neckties. Globe Clothiers. 249,578, renewed Nov. 20, 1948. O. G. Sept. 7.
Neckties and cravats. Wilson Brothers. 271,403, June 3, 1930. Republished Sept. 7.
Overalls. Strauss, Levi & Company. 250,265, renewed Dec. 4, 1948. O. G. Sept. 7.
Overcoats, raincoats, topcoats, etc. Lamm Brothers, Inc. 408,083, July 18, 1944. Republished Sept. 7.
Rubbers. Transcontinental Rubber Corporation. 440,451, Sept. 7; Serial No. 503,842, published May 18, 1948.
Shirts and sweaters, Polo. C. Gutmann & Co., Inc. 429,894, May 20, 1947. Republished Sept. 7.
Shirts, Dress and negligee. Wilson Brothers. 322,389, Mar. 5, 1935. Republished Sept. 7.
Shirts (dress and negligee), nightshirts, and pajamas. Wilson Brothers. 254,816, Apr. 2, 1929. Republished Sept. 7.
Shirts, hosiery, and pajamas, Negligee. Wilson Brothers. 255,121, Apr. 16, 1929. Republished Sept. 7.
Shirts, Men's dress. Wilson Brothers. 304,396, July 4, 1933. Republished Sept. 7.
Shirts, Men's outer. Wilson Brothers. 393,648, Feb. 24, 1942. Republished Sept. 7.
Shirts, Outer. M. H. Raab-Meyerhoff Co. 389,432, Aug. 5, 1941. Republished Sept. 7.
Shirts, pajamas, and underwear, Men's dress and negligee. Wilson Brothers. 171,242, July 31, 1923. Republished Sept. 7.
Shirts, pajamas, etc., Dress and negligee. Wilson Brothers. 288,538, Nov. 3, 1931. Republished Sept. 7.
Shirts, sweaters, and tennis trunks, Men's sport. Wilson Brothers. 329,617, Nov. 5, 1935. Republished Sept. 7.
Shoes. Cannon Shoe Company. 313,941, June 12, 1934. Republished Sept. 7.
Shoes. Fashion Bootery. 385,611, Mar. 11, 1941. Republished Sept. 7.
Shoes. Fashion Bootery. 406,699, Apr. 18, 1944. Republished Sept. 7.
Shoes. Strawbridge & Clothier. 166,197, Mar. 27, 1923. Republished Sept. 7.
Shoes and boots, Leather. Pioneer Shoe Manufacturing Company. 246,452, renewed Sept. 4, 1948. O. G. Sept. 7.
Shoes, Children's. Strawbridge & Clothier. 182,448, Apr. 8, 1924. Republished Sept. 7.
Shoes constructed of combinations of leather, etc. Consolidated Retail Stores, Inc. 500,492, June 1, 1948. Corrected. O. G. Sept. 7.
Shoes constructed of combinations of leather, rubber, and fabric. Consolidated Retail Stores, Inc. 500,493, June 1, 1948. Corrected. O. G. Sept. 7.
Shoes, Leather. Cannon Shoe Company. 318,022, Oct. 16, 1934. Republished Sept. 7.
Shoes, Leather. Cannon Shoe Company. 329,908, Nov. 19, 1935. Republished Sept. 7.
Shoes, Leather and combination leather and fabric. Gimbel Brothers, Inc. 244,616, renewed July 24, 1948. O. G. Sept. 7.
Shoes, Women's and children's. Strawbridge & Clothier. 287,535, Sept. 29, 1931. Republished Sept. 7.
Suits, Men's and boys'. Lamm Brothers, Inc. 361,477, Oct. 18, 1938. Republished Sept. 7.
Underwear and night wear, Men's. Sexton Mfg. Co. 236,437, Dec. 13, 1927. Republished Sept. 7.
Underwear, Glove-silk. Luxite Silk Products Company. 246,310, Sept. 4, 1928. Republished Sept. 7.
Underwear, Ladies. Ford Manufacturing, Inc. 334,391, May 5, 1936. Republished Sept. 7.
Underwear, Mens' and boy's. Wilson Brothers. 399,664, Jan. 26, 1943. Republished Sept. 7.

CLASS 42

Carpets and rugs. Lister & Company Limited. 70,889, re-renewed Oct. 13, 1948. O. G. Sept. 7.
Cloth, Awning. Britex Awning Cloth Co. Inc. 243,138, renewed June 12, 1948. O. G. Sept. 7.
Fabrics in the piece, Woolen and worsted. Terhume, Yereance & Wolff, Inc. 343,192, Feb. 9, 1937. Republished Sept. 7.
Fabrics in the piece, Woolen and worsted. Terhume, Yereance & Wolff, Inc. 408,826, Aug. 29, 1944. Republished Sept. 7.
Fabrics in the piece, Woolen and worsted. Terhume, Yereance & Wolff, Inc. 418,062, Nov. 27, 1945. Republished Sept. 7.
Linens embroidered, Table. N. J. Richman Co. 236,215, Dec. 6, 1927. Republished Sept. 7.
Piece goods, Cotton. Astrup Company. 344,803, Apr. 6, 1937. Republished Sept. 7.
Piece goods, Cotton. Astrup Company. 358,438, July 12, 1938. Republished Sept. 7.
Piece goods, table clothes, and napkins, Linen. Strawbridge & Clothier. 81,756, May 2, 1911. Republished Sept. 7.
Sheets, pillowcases, and bolster cases. Strawbridge & Clothier. 184,189, May 20, 1924. Republished Sept. 7.
Tablecloths, scarfs, doilies, etc. N. J. Richman Co. 399,738, Jan. 26, 1943. Republished Sept. 7.
Textiles of linen. A. S. Herrmann, Inc. 247,075, Sept. 18, 1928. Republished Sept. 7.

CLASS 43

Thread, Covered rubber. Frank W. Gorse Co. 247,186, renewed Sept. 25, 1948. O. G. Sept. 7.

CLASS 44

Cabinets, invalids' straight chairs, allergy pillows, etc., Invalids' bedside. E. F. Mahady Company. 415,677, Aug. 14, 1945. Republished Sept. 7.
Container and device, Combination. Horton & Converse. 418,475, Dec. 25, 1945. Republished Sept. 7.
Equipment used for the administration of anesthetic, resuscitation and therapeutic gases. Puritan Compressed Gas Corporation. 428,111, Mar. 11, 1947. Republished Sept. 7.
Filling for teeth, Temporary. C. A. Bertram. 68,356, Mar. 31, 1908. Republished Sept. 7.
Napkins and sanitary belts, Sanitary. San-Nap-Pak Manufacturing Company, Inc. 303,714, June 6, 1933. Republished Sept. 7.

Napkins, Sanitary. San-Nap-Pak Manufacturing Co., Inc. 292,019, Mar. 1, 1932. Republished Sept. 7.
Napkins, Sanitary. San-Nap-Pak Mfg. Co., Inc. 414,865, July 3, 1945. Republished Sept. 7.
Stomach tubes, breast pumps, combination syringe outfits, etc. Miller Rubber Company. 245,190, renewed Aug. 7, 1948. O. G. Sept. 7.
Tissue, Chemical. Cellosilk Mfg. Company. 409,266, Sept. 26, 1944. Republished Sept. 7.

CLASS 45

Beverages and syrups and concentrates, Nonalcoholic, noncereal, maltless. J. L. Kellogg. 440,490, Sept. 7; Serial No. 515,186, published June 8, 1948.
Beverages, Carbonated, non-alcoholic, noncereal, maltless, etc. Cedar Rapids Bottling Works. 248,504, renewed Oct. 23, 1948. O. G. Sept. 7.
Grape juice and non-alcoholic maltless soft drinks. S. A. Grapillon. 440,497, Sept. 7; Serial No. 517,573, published May 25, 1948.
Juices, Canned citrus. H. E. Butt Grocery Company. 369,075, July 11, 1939. Republished Sept. 7.
Juices, Canned citrus. Harlingen Canning Company. 369,293, July 18, 1939. Republished Sept. 7.
Water, root beer, sarsaparilla, etc., Natural spring. Chippewa Springs Corporation. 119,429, Nov. 20, 1917. Republished Sept. 7.
Water, root beer, sarsaparilla, etc., Spring. Chippewa Springs Corporation. 130,164, Apr. 13, 1920. Republished Sept. 7.

CLASS 46

Algin product containing sugar and dextrin. Kelco Company. 419,335, Feb. 12, 1946. Republished Sept. 7.
Algin product for use as a hydrophilic colloid, etc., Powdered. Kelco Company. 501,997, Sept. 7; Serial No. 528,729, published Apr. 13, 1948.
Alginate product. Kelco Company. 370,290, Aug. 22, 1939. Republished Sept. 7.
Alimentary paste goods. John B. Canepa Company. 268,727, Mar. 18, 1930. Republished Sept. 7.
Alimentary pastes. John B. Canepa Company. 398,438–9, Oct. 27, 1942. Republished Sept. 7.
Alimentary pastes. John B. Canepa Company. 398,527, Nov. 3, 1942. Republished Sept. 7.
Baked goods. Newark Paraffine & Parchment Paper Co. 306,572, Sept. 26, 1933. Republished Sept. 7.
Bakery goods. A. Bott. 243,232, renewed June 12, 1948. O. G. Sept. 7.
Baking powder. S. S. Pierce Co. 58,713, Dec. 25, 1906. Republished Sept. 7.
Bread. Pechter Baking Co. Inc. 502,015, Sept. 7; Serial No. 529,925, published June 1, 1948.
Bread. Peoples Baking Co. 331,517, Jan. 14, 1936. Republished Sept. 7.
Candy. Tebbetts & Garland Store. 236,745, renewed Dec. 20, 1947. O. G. Sept. 7.
Canned chiles. Coastal Valley Canning Co. 440,477, Sept. 7; Serial No. 512,240, published June 1, 1948.
Canned citrus juice. California Consumers Corporation. 359,041, Aug. 2, 1938. Republished Sept. 7.
Canned fruits and canned vegetables. S. S. Pierce Co. 181,676, Mar. 25, 1924. Republished Sept. 7.
Canned fruits and vegetables. Aughinbaugh Canning Co. 68,404, re-renewed Apr. 7, 1948. O. G. Sept. 7.
Canned fruits and vegetables, canned fish, ripe olives, coffee and cheese. Joseph Antognoli & Company. 440,460, Sept. 7; Serial No. 507,288, published June 1, 1948.
Canned fruits, canned vegetables, canned citrus juices. H. E. Butt Grocery Company. 373,130, Nov. 28, 1939. Republished Sept. 7.
Canned fruits, canned vegetables, canned salmon. John F. Lalia Company. 127,075, Oct. 21, 1919. Republished Sept. 7.
Canned olives. Albers Packing Company. 280,986, Mar. 3, 1931. Republished Sept. 7.
Canned pimentos and canned green chiles. Coastal Valley Canning Co. 501,983, Sept. 7; Serial No. 512,238, published June 1, 1948.
Canned sardines (fish). M. A. Rex. 239,151, renewed Feb. 21, 1948. O. G. Sept. 7.
Canned tomato paste and canned tuna fish. Joseph Antognoli & Company. 278,258, Dec. 9, 1930. Republished Sept. 7.
Canned vegetables. Harlingen Canning Company. 368,250, June 13, 1939. Republished Sept. 7.
Canned vegetables, canned fruits, canned soups, etc. S. S. Pierce Co. 62,560, May 14, 1907. Republished Sept. 7.
Cereal grain germ product. E. Levin. 321,225, Jan. 22, 1935. Republished Sept. 7.
Cereal paste foods. John B. Canepa Company. 52,980, May 22, 1906. Republished Sept. 7.
Cereal paste goods. John B. Canepa Company. 50,396, Mar. 13, 1906. Republished Sept. 7.
Cheese. Emmental Cheese Corporation. 244,904–5, renewed July 31, 1948. O. G. Sept. 7.
Cheese. Société Industrielle de Roquefort. 201,555, renewed July 28, 1945. O. G. Sept. 7.
Chocolate candies. New England Confectionery Co. 70,260–3, re-renewed Aug. 18, 1948. O. G. Sept. 7.
Chocolates. Johnson Biscuit Company. 97,057, May 19, 1914. Corrected. O. G. Sept. 7.
Cocoa, chocolate, jams, etc. N. V. Cacao- En Chocoladefabriek "Union." 440,495, Sept. 7; Serial No. 517,114, published June 1, 1948.
Coffee. C. W. Antrim & Sons. 79,806. Oct. 11, 1910. Republished Sept. 7.
Coffee. C. W. Antrim & Sons. 265,005, Dec. 10, 1929. Republished Sept. 7.
Coffee. C. W. Antrim & Sons. 268,939, Mar. 25, 1930. Republished Sept. 7.
Coffee. F. P. Garrettson & Co. 55,178, re-renewed Aug. 7, 1946. O. G. Sept. 7.
Coffee. Hills Brothers. 71,581, re-renewed Dec. 1, 1948. O. G. Sept. 7.
Coffee. H. N. Saurage. 227,922, May 17, 1927. Republished Sept. 7.
Coffee and a blend of coffee and chicory, Blend of pure. H. G. Hill Stores, Inc. 229,784, July 5, 1927. Republished Sept. 7.
Coffee and tea. C. W. Antrim & Sons. 246,218, Sept. 4, 1928. Republished Sept. 7.
Coffee, canned peas and oleomargarine. H. C. Hill Stores, Inc. 308,792, Dec. 19, 1933. Republished Sept. 7.
Extracts; food flavoring paste, food flavoring concentrates, etc., Food flavoring. Davis and Company. 440,523, Sept. 7; Serial No. 472,103.
Feed, Stock. Traders Oil Mill Company. 501,998, Sept. 7.; Serial No. 528,826, published June 1, 1948.
Feeds, mill feeds, that is, wheat bran, shorts and screenings, etc., Poultry. Interstate Milling Company. 440,480, Sept. 7; Serial No. 513,420, published June 8, 1948.
Feeds, Poultry. Interstate Milling Company. 440,481–3, Sept. 7; Serial Nos. 513,423–5, published June 1, 1948.
Feeds, Stock and poultry. Nutrena Feed Mills, Inc. 243,246, renewed June 12, 1948. O. G. Sept. 7.
Flour, Cake. Commander Larabee Cereal Company. 238,658, renewed Feb. 14, 1948. O. G. Sept. 7.
Flour, Self-rising. Blish Milling Company. 244,436, renewed July 17, 1948. O. G. Sept. 7.
Flour, Self-rising wheat. Blish Milling Company. 240,487, renewed Mar. 27, 1948. O. G. Sept. 7.
Flour, Self-rising wheat. Blish Milling Company. 241,093, renewed Apr. 17, 1948. O. G. Sept. 7.
Flour, Self-rising wheat. Blish Milling Company. 241,158, renewed Apr. 17, 1948. O. G. Sept. 7.
Flour, Self-rising wheat. Blish Milling Company. 242,333, renewed May 22, 1948. O. G. Sept. 7.
Flour, Wheat. Blish Milling Company. 240,488, renewed Mar. 27, 1948. O. G. Sept. 7.
Flour, Wheat. Blish Milling Company. 241,159, renewed Apr. 17, 1948. O. G. Sept. 7.
Flour, Wheat. Empire Milling Company. 240,356, renewed Mar. 27, 1948. O. G. Sept. 7.
Flour, Wheat. Wm. Kelly Milling Company. 69,629, renewed June 23, 1948. O. G. Sept. 7.
Foods, Dog. Champion Animal Food Co. 237,680, Jan. 17, 1928. Republished Sept. 7.
Foods, Poultry. Albers Bros. Milling Co. 263,661, Nov. 5, 1929. Corrected. O. G. Sept. 7.
Foods, Poultry. Albers Bros. Milling Co. 266,004, Jan. 7, 1930. Corrected. O. G. Sept. 7.
Foods, preserves, Baby. Wm. Filene's Sons Company. 266,766, Feb. 4, 1930. Republished Sept. 7.
Fruits, Fresh deciduous. Scotts Valley Fruit Exchange. 357,471, June 7, 1938. Republished Sept. 7.
Fruits, Fresh deciduous. C. Sorensen. 432,215, Aug. 26, 1947. Republished Sept. 7.
Grapes, Fresh. L. R. Hamilton. 177,686, Dec. 25, 1923. Republished Sept. 7.
Gum, Chewing. Wm. Wrigley, Jr., Company. 242,025, renewed May 8, 1948. O. G. Sept. 7.
Gum, Chewing. Zeno Manufacturing Co. 71,005, Oct. 20, 1908. Republished Sept. 7.
Honey, Strained and combed. Sioux Honey Ass'n. 185,143, June 10, 1924. Republished Sept. 7.
Macaroni. Pfaffman Egg Noodle Co. 69,777, re-renewed July 7, 1948. O. G. Sept. 7.
Macaroni, spaghetti, vermicelli, etc. John B. Canepa Company. 255,043, Apr. 9, 1929. Republished Sept. 7.
Macaroni, spaghetti, vermicelli, etc. John B. Canepa Company. 260,296, Aug. 20, 1929. Republished Sept. 7.
Macaroni, spaghetti, vermicelli, etc. John B. Canepa Company. 299,839, Dec. 27, 1932. Republished Sept. 7.
Mint whips, chocolate creams, almond paste, etc. Tebbetts & Garland Store. 242,589, renewed May 29, 1948. O. G. Sept. 7.
Mixing base or concentrate. Iowa Feed Company. 440,469, Sept. 7; Serial No. 510,393, published June 8, 1948.
Molasses. J. Stromeyer Company. 501,981, Sept. 7; Serial No. 510,127, published June 1, 1948.
Olives. C. Gulden. 48,459, Jan. 2, 1906. Republished Sept. 7.
Olives. C. Gulden. 53,099, May 29, 1906. Republished Sept. 7.
Oranges, fresh lemons, and fresh grapefruit, Fresh. Klink Citrus Association. 249,329, renewed Nov. 13, 1948. O. G. Sept. 7.

Pickles and tomato catsup, Sweet. California Conserving Company, Incorporated. 404,483, Nov. 30, 1943. Republished Sept. 7.
Potato chips, buttered pop corn. Starland Company, Inc. 440,493, Sept. 7; Serial No. 516,323, published June 8, 1948.
Preparations used in making ice cream and other frozen food products. Kosto Co. 323,235, Apr. 9, 1935. Republished Sept. 7.
Pretzels. W. R. Edmondson. 440,452. Sept. 7, 1948. Serial No. 504,261, published June 8, 1948.
Sardines. Neuman & Schwiers Company. 70,961, re-renewed Oct. 20, 1948. O. G. Sept. 7.
Sausage, Fresh, cured, and smoked pork. Albany Packing Co., Inc. 243,316, renewed June 19, 1948. O. G. Sept. 7.
Sausage; fresh, cured, and smoked pork and beef; lard, butter, etc. Albany Packing Co., Inc. 243,518, renewed June 26, 1948. O. G. Sept. 7.
Sirups, Cane-sugar. Godchaux Sugars Inc. 231,097, Aug. 9, 1927. Corrected. O. G. Sept. 7.
Spread. Gordon, Wolf, Cowen, Co., Inc. 501,996, Sept. 7; Serial No. 528,461, published June 1, 1948.
Tea. C. W. Antrim & Sons. 71,371, re-renewed Nov. 24, 1948. O. G. Sept. 7.
Teas, spices. C. W. Antrim & Sons. 201,540, July 28, 1925. Republished Sept. 7.
Oils, Edible vegetable. A. E. Staley Manufacturing Company. 203,391, Apr. 19, 1932. Republished Sept. 7.
Vegetables, Fresh. N. Giannandrea. 402,027, June 22, 1943. Republished Sept. 7.

CLASS 47

Wine. Gordon-O'Neill Co., Inc. 323,218, Apr. 9, 1935. Republished Sept. 7.
Wine and vermouth. Alford Products Corporation. 502,021, Sept. 7; Serial No. 532,985, published June 1, 1948.
Wines. Beringer Bros., Inc. 310,916, Mar. 13, 1934. Republished Sept. 7.
Wines. Bisceglia Brothers Corp. 328,570, Aug. 3, 1937. Republished Sept. 7.

CLASS 48

Ale. Louis F. Neuweiler's Sons. 502,001, Sept. 7; Serial No. 529,397, published June 8, 1948.
Ale. H. & G. Simonds, Limited. 69,996, re-renewed July 21, 1948. O. G. Sept. 7.
Beer. Columbus Brewing Company. 371,156, Sept. 19, 1939. Republished Sept. 7.
Beer. D. G. Yuengling & Son. 73,856, May 25, 1909. Republished Sept. 7.
Beer and ale. Esslinger's, Inc. 502,022, Sept. 7; Serial No. 533,151, published June 1, 1948.

CLASS 49

Beverages, Potable distilled alcoholic. Sunset Incorporated. 501,984, Sept. 7; Serial No. 515,728, published June 8, 1948.
Gin. United Distillers, Limited. 311,120, Mar. 13, 1934. Republished Sept. 7.
Gin and whiskey. Gordon-O'Neill Co. Inc. 316,353, Aug. 21, 1934. Republished Sept. 7.
Liqueur. Maryland Distillers Products Company. 440,440, Sept. 7; Serial No. 484,792, published Jan. 14, 1947.
Whiskey. Gordon-O'Neill Co., Inc. 354,060, Feb. 1, 1938. Republished Sept. 7.
Whiskey. United Distillers, Limited. 311,243, Mar. 20, 1934. Republished Sept. 7.
Whiskey and gin. United Distillers, Limited. 305,579, Aug. 22, 1933. Republished Sept. 7.
Whiskey, gin, and brandy. "Big 4" Distilleries, Inc. 316,721, Sept. 4, 1934. Republished Sept. 7.
Whiskey, gin, and brandy. "Big 4" Distilleries, Inc. 316,723–4, Sept. 4, 1934. Republished Sept. 7.
Whiskey, gin, rum, brandy, etc. Potomac Distilling Corporation. 318,371, Oct. 23, 1934. Republished Sept. 7.
Whiskey, gin, rum, etc. T. J. Pendergast Wholesale Liquor Co. 334,203, Apr. 21, 1936. Republished Sept. 7.
Whiskey, gin, rum, etc. J. T. Pendergast Wholesale Liquor Co., Inc. 346,359, July 1, 1937. Republished Sept. 7.

CLASS 50

Monuments, headstones, grave markers, etc., Cemetery. Cold Spring Granite Company. 358,386, July 12, 1938. Republished Sept. 7.
Monuments, markers, tablets, etc., Stone. Cold Spring Granite Company. 360,240. Sept. 13, 1938. Republished Sept. 7.
Monuments, markers, tablets, etc., Stone. Cold Spring Granite Company. 361,400, Oct. 18, 1938. Republished Sept. 7.
Monuments, markers, tablets, etc., Stone. Cold Spring Granite Company. 404,871, Dec. 28, 1943. Republished Sept. 7.

CLASS 55

Cleaning, dyeing, pressing, and storing garments and household goods. Bornot, Inc. 502,040, Sept. 7; Serial No. 528,757, published May 25, 1948.
Cutting and edging of textile fabrics. Textile Cutting Corporation. 502,042, Sept. 7; Serial No. 532,067, published May 25, 1948.
Mounting and finishing lithographed advertising displays. Arvey Corporation. 502,041, Sept. 7; Serial No. 529,343, published May 4, 1948.
Repairing, relining, and refinishing of leather goods. Ace Leather Goods Repair Service. 502,039, Sept. 7; Serial No. 528,241, published Apr. 27, 1948.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 7TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Adler, Leon, St. Louis, Mo. Spotting paste. Re. 23,037, Sept. 7.

LIST OF DESIGN PATENTEES

AMP, Corporation, assignee: *See*—
Burgess, Archibald R.

Anderson, E. Harold, administrator: *See*—
Anderson, Ernst G.

Anderson, Ernst G., deceased, Chicago, by E. H. Anderson, administrator, Lake Bluff, assignor to Simplet Electric Co., Chicago, Ill. Light fixture support. 150,820, Sept. 7.

Associated Products, Inc., assignee: *See*—
Jones, Richard C.

Bendix Aviation Corporation, assignee: *See*—
Hruska, Leo J., and Garbutt.

Bianchi, Raymond B., assignor of one-half to N. E. Cahen, Chicago, Ill. Telephone holder. 150,821, Sept. 7.

Bleich, Arthur M., Cambridge, Ohio. Nursery bed unit. 150,822, Sept. 7.

Branham, Mareck & Duepner, Inc., assignee: *See*—
Duepner, Charles A.

Buckner, Anthony J., assignor to Grosfeld House, Inc., New York, N. Y. Chest or similar article. 150,823, Sept. 7.

Buckner, Anthony J., assignor to Grosfeld House, Inc., New York, N. Y. Credenza or similar article. 150,824, Sept. 7.

Buckner, Anthony J., assignor to Grosfeld House, Inc., New York, N. Y. Chest or similar article. 150,825, Sept. 7.

Bugbee, Richard, Milner, British Columbia, Canada. Combined compact and scent spray. 150,826, Sept. 7.

Burgess, Archibald R., assignor to AMP, Corporation, St. Louis, Mo. Beverage dispenser. 150,827, Sept. 7.

Cahen, Ned. E., assignee: *See*—
Bianchi, Raymond B.

Coro, Inc., assignee: *See*—
Katz, Adolph.

Craig, Mildred R., Erwin, W. Va. Crocheted doily or the like. 150,828, Sept. 7.

Doucette, Joseph W., Waltham, Mass. Tube and toothbrush holder. 150,829, Sept. 7.

Duepner, Charles A., assignor to Branham, Mareck & Duepner, Inc., Minneapolis, Minn. Lighting fixture. 150,830, Sept. 7.

Duepner, Charles A., assignor to Branham, Mareck & Duepner, Inc., Minneapolis, Minn. Lighting fixture. 150,831, Sept. 7.

Esterbrook Pen Company, assignee: *See*—
May, Robert A., and Steinberg.

Fenenbock, Estelle M., North Hollywood, Calif. Clock. 150,832, Sept. 7.

Flagg, Lucian M., Mount Penn, near Reading, Pa. Sun glasses. 150,833, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,834, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,835, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,836, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,837, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,838, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,839, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,840, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies, Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,841, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies, Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,842, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies, Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,843, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies, Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,844, Sept. 7.

Forrer, Walter O., Milwaukee, assignor of one-half to Tip Top Cookies, Inc., Ripon, and one-half to Kiddie Kookies Co., Fairwater, Wis. Cooky. 150,845, Sept. 7.

Gamble Stores Incorporated, assignee: *See*—
Greer, Carl S., Jr.

Garbutt, William W.: *See*—
Hruska, Leo J., and Garbutt.

Green Company, Incorporated, The, assignee: *See*—
Manry, Thornton J.

Greer, Carl S., Jr., Albion, Mich., assignor to Gamble Stores Incorporated, Minneapolis, Minn. Cabinet for space heaters or the like. 150,846, Sept. 7.

Greer, Carl S., Jr., assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 150,847, Sept. 7.

Greer, Carl S., Jr., Albion, Mich., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cabinet for space heaters or the like. 150,848, Sept. 7.

Greer, Carl S., Jr., assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 150,849, Sept. 7.

Greer, Carl S., Jr., assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 150,850, Sept. 7.

Grinoch, Jacob B., New York, N. Y. Pleated necktie. 150,851, Sept. 7.

Grosfeld House, Inc., assignee: *See*—
Buckner, Anthony J.

Gurczak, Adam J., Buffalo, N. Y. Comb holder. 150,852, Sept. 7.

Guth, Edwin F., Florissant, and E. C. Koegel, assignors to The Edwin F. Guth Company, St. Louis, Mo. Lighting fixture. 150,853, Sept. 7.

Guth, Edwin F., Company, The, assignee: *See*—
Guth, Edwin F., and Koegel.

Herrera, Mauro, Jr., Hollywood, Calif. Container for liquid cosmetics. 150,854, Sept. 7.

Hobe, Sylvia, New York, N. Y. Brooch pin or similar article. 150,855, Sept. 7.

Hobe, Sylvia, New York, N. Y. Brooch pin or similar article. 150,856, Sept. 7.

Hobe, Sylvia, New York, N. Y. Brooch pin or similar article. 150,857, Sept. 7.

Hobe, Sylvia, New York, N. Y. Brooch pin or similar article. 150,858, Sept. 7.

Hobe, Sylvia, New York, N. Y. Brooch pin or similar article. 150,859, Sept. 7.

Horner, John I., Los Angeles, Calif. Handbag. 150,860, Sept. 7.

Hruska, Leo J., Lutherville, and W. W. Garbutt, Baltimore, assignors to Bendix Aviation Corporation, Towson, Md. Communications unit or the like. 150,861, Sept. 7.

Jackson, Jules, Great Neck, N. Y. Carded two-piece hair ornament. 150,862, Sept. 7.

Jones, Richard C., assignor to Associated Products, Inc., Chicago, Ill. Base for a lipstick holder. 150,863, Sept. 7.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 150,864, Sept. 7.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,865, Sept. 7.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,866, Sept. 7.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,867, Sept. 7.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,868, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,869, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,870, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,871, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,872, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,873, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,874, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,875, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc. Jewelry finding. 150,876, Sept. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Link for a bracelet or similar article. 150,877, Sept. 7.
Kiddie Kookies Co., assignee, et al.: *See*—
Forrer, Walter O.
Koegel, Ervin C.: *See*—
Guth, Edwin F., and Koegel.
Konetsky, Anna, New York, N. Y. Lady's handbag. 150,878, Sept. 7.
Lion, Leo, New York, N. Y. Personalized birthday candle. 150,879, Sept. 7.
Lonergan Manufacturing Company, assignee: *See*—
Greer, Carl S., Jr.
Manry, Thornton J., assignor to The Green Company, Incorporated, Kansas City, Mo. Brooch or the like. 150,880, Sept. 7.
Marder, Milton: *See*—
Wolfer, Herman, and Marder.
May, Robert A., Merion, and H. E. Steinberg, Philadelphia, Pa., assignors to The Esterbrook Pen Company, Camden, N. J. Desk set inkwell. 150,881, Sept. 7.
McCann, Michael, Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine frame. 150,882, Sept. 7.
Montgomery Ward & Co., Incorporated, assignee: *See*—
Greer, Carl S., Jr.
Owens-Illinois Glass Company, assignee: *See*—
Wagner, Franz.
Peterson, Paul L., Los Angeles, Calif. Combined desk and bookcase. 150,883, Sept. 7.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 150,884, Sept. 7.
Richardson, William E., Detroit, Mich. Dispensing device for collapsible tube. 150,885, Sept. 7.
Ross, Walter C., Belleville, Ill. Chair. 150,886, Sept. 7.
Rothe, Walter F., Washington, D. C. Key or the like. 150,887, Sept. 7.
Rothe, Walter F., Washington, D. C. Key or the like. 150,888, Sept. 7.
Rothe, Walter F., Washington, D. C. Key or the like. 150,889, Sept. 7.
Rubin, Herbert, New York, N. Y. Bottle. 150,890, Sept. 7.
Rubin, Herbert, New York, N. Y. Bottle. 150,891, Sept. 7.
Sacks, Irving, Brooklyn, N. Y. Lamp or the like. 150,892, Sept. 7.
Simplet Electric Co., assignee: *See*—
Anderson, Ernst G.
Singer, Jerome S., New York, N. Y. Handbag or similar article. 150,893, Sept. 7.
Singer Manufacturing Company, The, assignee: *See*—
McCann, Michael.
Smith, Herman A., New York, N. Y. Folding rocking chair or similar article. 150,894, Sept. 7.
Steinberg, Harold E.: *See*—
May, Robert A., and Steinberg.
Stewart, Luther F., Brownwood, Tex. Game counting board. 150,895, Sept. 7.
Stovner, Katherine H., Denver, Colo. Child's bank. 150,896, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,897, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,898, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,899, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,900, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,901, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,902, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,903, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,904, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,905, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,906, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,907, Sept. 7.
Strassner, John F., New York, N. Y. Dress. 150,908, Sept. 7.
Strassner, John F., New York, N. Y. Coat. 150,909, Sept. 7.
Strassner, John F., New York, N. Y. Dress ensemble. 150,910, Sept. 7.
Tanasso, Vincent, Harrison, N. Y. Spectacle frame. 150,911, Sept. 7.
Tip Top Cookies Inc., assignee, et al.: *See*—
Forrer, Walter O.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Underwood, Gilbert S., Washington, D. C. Combined drawer pull and label holder. 150,912, Sept. 7.
Wagner, Franz, Chicago, Ill., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Hand and nail brush. 150,913, Sept. 7.
Wolfer, Herman, Trenton, N. J., and M. Harder, Morton, Pa. Picture projector. 150,914, Sept. 7.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 7TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aamot, Sven, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Control apparatus. 2,448,852, Sept. 7.
Abbott-Becker Distributing & Manufacturing, assignee: *See*—
Burke, Vincent D.
Abernathy, Bill J., Jr.: *See*—
Piemel, Lawrence M., and Abernathy.
Adams, Harold W., Santa Monica, and O. A. Wheelon, Pacific Palisades, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Duplex four-way valve. 2,448,649, Sept. 7.
Addressograph-Multigraph Corporation, assignee: *See*—
Van Dusen, Charles H., Jr.
Agens, Maynard C., Schenectady, N. Y., assignor to General Electric Company. Methyl siloxane elastomers. 2,448,756, Sept. 7.
Agriculture, United States of America as represented by the Secretary of, assignee: *See*—
Ambler, Joseph A., and Curl.
Fein, Martin L., and Fisher.
Kester, Ernest B., and Preusser.
McCready, Rolland M., Owens, and Maclay.
Roberts, Earl J., Ambler, and Curl.
Schaeffer, Benjamin B.
Air Reduction Company, Incorporated, assignee: *See*—
Tyrner, Joseph M.
Aitken, William J., Manitowoc, Wis. Electric control switch. 2,448,650, Sept. 7.
Aker, Evender S., deceased, West Point Pleasant, N. J.: F. L. Aker, executrix. Noiseless rudder post bearing. 2,448,651, Sept. 7.
Aker, Florence L., executrix: *See*—
Aker, Evender S.
Alban, Clarence F., Pontiac, assignor to W. M. Chace Company, Detroit, Mich. Electrical resistor. 2,448,757, Sept. 7.
Alderson, Witty L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insolubilizing hydrolyzed ethylene vinyl ester polymers. 2,448,946, Sept. 7.
Allen, Adda M., Arlington, Va., assignor to Disposable Bottle Corporation, Washington, D. C. Nursing unit. 2,448,569, Sept. 7.
Allen, Charles F. H., C. V. Wilson, and G. F. Frame, assignors to Eastman Kodak Company, Rochester, N. Y. Sulfonamido disazo dye. 2,448,853, Sept. 7.
Allen, Earl M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Trap circuit control for railway signals. 2,448,570, Sept. 7.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Apparatus for arranging, gauging, and assorting articles according to size. 2,448,652, Sept. 7.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Size gauging device. 2,448,653, Sept. 7.
Alles, Francis P., North Plainfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements having antihalation layer composed of vinyl pyridine polymer with vinyl-pyridine polymer subiayer and outer protective layer. 2,448,507, Sept. 7.
Alles, Francis P., North Plainfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements having a silver halide layer and an antihalation layer on a polyvinylpyridine layer. 2,448,508, Sept. 7.
Allied Products Corporation, assignee: *See*—
Richard, Bernard O.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Van Zandt, Claiborne C.
Alvis Limited, assignee: *See*—
Smith-Clarke, George T., and Varney.
Alvord, Charles C.: *See*—
Flygare, Carl G., and Alvord.
Ambler, Joseph A.: *See*—
Roberts, Earl J., Ambler, and Curl.
Ambler, Joseph A., New Orleans, La., and A. L. Curl, Winter Haven, Fla., assignors to the United States of America as represented by the Secretary of Agriculture. Production of itaconic acid. 2,448,506, Sept. 7.
American Brake Shoe Company, assignee: *See*—
Heidenthal, Warren C.
American Can Company, assignee: *See*—
Butler, William F.
Erb, George C.
American Cyanamid Company, assignee: *See*—
Hultquist, Martin E.
Johnston, William B.
Libby, Raymond L.
Moos, Anthony M., and Upham.
Parker, Robert P., and Denton.
Scalera, Mario, and Joyce.
Upham, Sidney D.
American Cystoscope Makers, Inc., assignee: *See*—
Scott, William W., and Lutz.
American Pulley Company, assignee: *See*—
Williams, William A.
Anderson, Harry W., Chicago, Ill. High-low gas valve. 2,448,654, Sept. 7.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental engine handpiece. 2,448,758, Sept. 7.
Antony, Charles, Jr., Baldwin, and D. Mannheimer, Hempstead, N. Y., assignors to The Sperry Corporation. Electrical connector. 2,448,509, Sept. 7.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control unit. 2,448,696, Sept. 7.
Arens Controls, Inc., assignee: *See*—
Arens, Charles A.
Argus, Incorporated, assignee: *See*—
Clapp, Roy A.
Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Woven sensing grids for perforated records. 2,448,759, Sept. 7.
Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Woven sensing grids for perforated records. 2,448,760, Sept. 7.
Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Circuit bearing element. 2,448,761, Sept. 7.
Arthur, Harry J., Chicago, and H. S. McCrory, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Injection molding apparatus. 2,448,947, Sept. 7.
Arundale, Erving: *See*—
Mikeska, Louis A., and Erving.
Ashaway Line & Twine Mfg. Co., assignee: *See*—
Crandall, Julian T.
Askania Regulator Company, assignee: *See*—
Glass, Paul.
Atlantic Refining Company, assignee: *See*—
Heiligmann, Randall G.
Turner, William R.
Atlas Powder Company, assignee: *See*—
Carey, Claude H.
Attorney General of the United States, Vested in the: *See*—
Grunfeld, Maximilien.
Hopff, Heinrich, and Rapp.
Automatic Electric Laboratories, Inc., assignee: *See*—
Lomac, Clarence E.
Wood, Fredric E., Gienger, Dodker, and Sargission.
Automatic Locking Devices, Incorporated, assignee: *See*—
Spraragen, Louis.
Avakian, Souren: *See*—
Martin, Gustav J., and Avakian.
Babcock, Henry H., Oak Park, assignor, by mesne assignments, to Conlon-Moore Corporation, Cicero, Ill. Ironing machine. 2,448,948, Sept. 7.
Babylon, Elvan R.: *See*—
Weeser, Carl W., Leffingwell, Babylon, and Schell.
Baird, William M., Chicago, Ill. Drawer for refrigerated lockers. 2,448,949, Sept. 7.
Baker, Richard F.: *See*—
Hillier, James, and Baker.
Bakke, Robert, Minneapolis, Minn. Welding glove. 2,448,697, Sept. 7.
Balch, Ralph H., and I. G. McCormick, Cumberland, Md., assignors to Celanese Corporation of America. Sized organic derivative of cellulose yarn. 2,448,571, Sept. 7.
Ball Brothers Company, assignee: *See*—
Shaffer, Stewart.
Bank of America National Trust and Savings Association, assignee: *See*—
McKenzie, Wendell R.
Barber, Everett M., Wappingers Falls, and J. B. Malin, Fishkill, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Internal-combustion engine and operating. 2,448,950, Sept. 7.

Barham, Harold N., Manhattan, Kans., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Chlorination of starch and products thereof. 2,448,510, Sept. 7.

Barlow & Seelig Manufacturing Company, assignee: *See*— Schroeder, Simon E.

Barnes, Malcolm H., and E. L. McCandless, Kenmore, N. Y., assignors to The Linde Air Products Company. Glossing corundum and spinel. 2,448,511, Sept. 7.

Barnett, Allan E.: *See*— Robey, Richard F., Fedirko, and Barnett.

Baum, Joseph L., Hartford, Conn. Toy bank. 2,448,951, Sept. 7.

Begun, Albert E., assignor to Eastman Kodak Company, Rochester, N. Y. Continuous film drier. 2,448,854, Sept. 7.

Bell, De Witt, et al.: *See*— Kuzmick, Joseph N., and Bell.

Bell Telephone Laboratories, Incorporated, assignee: *See*— Biggs, Burnard S. Blazier, Charles R., and Hale. Fair, Irvin E. Frosch, Carl J. Fuller, Calvin S. Helsing, Raymond A. Main, Frank S. Merrill, Francis G. Rose, Charles F. P.

Bendix Aviation Corporation, assignee: *See*— Huckleberry, Harry M.

Benedict, T. N., Mfg. Co., assignee: *See*— Costa, Mannie F.

Berry, Kenneth L., Hockessin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining dispersions of polytetrafluoroethylene-ethylene copolymers. 2,448,952, Sept. 7.

Beste, Harold E., East Rutherford, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Process and apparatus for monitoring synchronizing generators. 2,448,762, Sept. 7.

Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Composition comprising an acyl peroxide cured polyester and an alkaline carbonate. 2,448,572, Sept. 7.

Biot, Maurice A., Pasadena, and T. H. Wiancko, Altadena, Calif. Flutter predicting apparatus. 2,448,698, Sept. 7.

Black, James R., and W. F. Shurts, Rockford, Ill., assignors to Twin Disc Clutch Company, Racine, Wis. Aerodynamic brake and hoist combination. 2,448,855, Sept. 7.

Blackman, Enoch J., Sherman, Tex. Door holder. 2,448,953, Sept. 7.

Blakely, Robert T.: *See*— Robbins, Joseph J., and Blakely.

Blazier, Charles R., Pittsburgh, Pa., and D. A. S. Hale, Verona, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode structure for electron discharge devices. 2,448,573, Sept. 7.

Bloomfield, John J., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Clutch mechanism. 2,448,763, Sept. 7.

Bohannon, William A., Uniondale, N. Y. Electric heating device. 2,448,856, Sept. 7.

Boisvert, Nobert, assignee: *See*— Lemire, Joseph.

Borg-Warner Corporation, assignee: *See*— Gamble, David E. McCulloch, Robert P., and Ryde.

Bothe, Werner H., Kenosha, assignor to Worldsbest Industries, Inc., Cudahy, Wis. Clamp for curtain stretchers. 2,448,574, Sept. 7.

Bothwell, Frank E.: *See*— Coffin, Francis P., Jr., Bothwell, and Crout.

Bouwers, Albert, assignor to N. V. Optische Industrie "De Oude Delft," Delft, Netherlands. Schmidt type image former with negative meniscus lens spherical aberration corrector. 2,448,699, Sept. 7.

Bowen, Cedric A., Aston, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle box. 2,448,655, Sept. 7.

Bowman, Granville M., assignee: *See*— Sohnlein, Fred W.

Boyer, Hugh N., near Canfield, Ohio. Toggle bolt. 2,448,700, Sept. 7.

Brackett, Newell, Bala Cynwyd, Pa. Tube expander. 2,448,512, Sept. 7.

Bradley, William E.: *See*— Johnson, Nels, and Bradley.

Breese Burners, Inc., assignee: *See*— Breese, James L.

Breese, James L., assignor, by mesne assignments to Breese Burners, Inc., Santa Fe, N. Mex. Multiple orchard burner. 2,448,656, Sept. 7.

Brennan, Joseph B., Bratenahl, and L. M. Conrad, Cleveland, Ohio, said Conrad assignor to said Brennan. Electrostatic condenser plate. 2,448,513, Sept. 7.

Brice, William L., Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of photographic emulsions. 2,448,857, Sept. 7.

Briggs, Walter H., assignor to Burman & Sons Limited, Birmingham, England. Vehicle steering mechanism. 2,448,701, Sept. 7.

Brinson, Gaylord A., Mooreland, Ind. Round window with revolving sash. 2,448,764, Sept. 7.

Bristol Aeroplane Company Limited, The, assignee: *See*— D'Assis-Fonseca, Evelyn Cecil Muschamp.

Britain, Cecil E.: *See*— Love, Homer, Britain, Langton, and R. E. and C. E. Van Gundy.

Brock, Harold L.: *See*— Pinardi, Charles P., and Brock.

Brothers, Frederick C., Los Angeles, Calif. Combined handle means and file guide for saw files. 2,448,702, Sept. 7.

Brown, Channing M., El Paso, Tex. Fishing line swivel. 2,448,954, Sept. 7.

Brno Arms Factory National Corporation, assignee: *See*— Koucký, Josef and F.

Brown Instrument Company, The, assignee: *See*— Burdick, Edwin C.

Browning, Leander, Greenwood, Ind. Trigger mechanism. 2,448,765, Sept. 7.

Bruce, William A., Tulsa, Okla., assignor to Standard Oil Development Company. Method and apparatus for measuring permeability. 2,448,955, Sept. 7.

Bucknam, James H., Cranford, N. J., assignor to The Linde Air Products Company. Fully automatic desurfacing control. 2,448,637, Sept. 7.

Burdick Corporation, The, assignee: *See*— Maxson, Rolland H.

Burdick, Edwin C., assignor to The Brown Instrument Company, Philadelphia, Pa. Electrical instrument follow-up systems. 2,448,575, Sept. 7.

Burke, Vincent D., South Haven, assignor to Abbott-Becker Distributing & Manufacturing, Kalamazoo, Mich. Connector for electric cables and the like. 2,448,766, Sept. 7.

Burkhard, Charles A.: *See*— Sprung, Murray M., and Burkhard.

Burman & Sons Limited, assignee: *See*— Briggs, Walter H.

Butler, William F., Hillside, N. J., assignor to American Can Company, New York, N. Y. Heat-treating machine. 2,448,514, Sept. 7.

C. H. C. Patent Corporation, assignee: *See*— Harkness, Travis O.

California Institute Research Foundation, assignee: *See*— Green, Alex E. S.

Campani, Louis M.: *See*— DeGiers, Clarence A., and Campani.

Capita, Emil R., North Bergen, N. J. Spark gap device. 2,448,576, Sept. 7.

Carbide and Carbon Chemical Corporation, assignee: *See*— Fife, Harvey R., and Roberts.

Carey, Claude H., Rush Township, Schuylkill County, Pa., assignor to Atlas Powder Company, Wilmington, Del. Making explosive assemblies. 2,448,658, Sept. 7.

Carlson, Warner W., assignor to Mellon Institute of Industrial Research, Pittsburgh, Pa. Hydroxyethylation. 2,448,767, Sept. 7.

Carnegie-Illinois Steel Corporation, assignee: *See*— Schefe, Frederick K.

Carney, Thomas P.: *See*— McElvain, Samuel M., and Carney.

Carroll, Burt H., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Optically supersensitized photographic silver halide emulsion. 2,448,858, Sept. 7.

Carroll, William B., Jr., Schoolfield, Va., assignor to Dan River Mills, Incorporated. Dyed cellulose ethers and dyeing of fabrics therewith. 2,448,515, Sept. 7.

Cashman, Robert J., Glenview, Ill., assignor to Northwestern University. Photocell of lead sulfide. 2,448,516, Sept. 7.

Cashman, Robert J., Glenview, Ill., assignor to Northwestern University. Photocell. 2,448,517, Sept. 7.

Cashman, Robert J., Glenview, Ill., assignor to Northwestern University. Photocell. 2,448,518, Sept. 7.

Cassel, Hans M., Plainfield, N. J. Method and apparatus for measuring surface tension. 2,448,768, Sept. 7.

Celanese Corporation of America, assignee: *See*— Balch, Ralph H., and McCormick.

Chace, W. M., Company, assignee: *See*— Alban, Clarence F.

Chamberlain, James M. W., Fairlawn, Ohio. Fluid-coupling assembly. 2,448,769, Sept. 7.

Champion, William J., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Device for winding hectograph rolls evenly. 2,448,659, Sept. 7.

Chanoux, Ferdinand, Elmhurst, Long Island, N. Y. Remote control light control device. 2,448,859, Sept. 7.

Cheesman, Richard D., assignor to Traylor Engineering & Mfg. Co., Allentown, Pa. Drier heating system. 2,448,770, Sept. 7.

Chemical Construction Corporation, assignee: *See*— Schideler, Pierre, and Davis.

Chiarotti, Anita: *See*— Chiarotti, Sesto, and A.

Chiarotti, Sesto and A., Royal Oak, Mich. Electric iron. 2,448,577, Sept. 7.

Chicago Forging and Manufacturing Company, assignee: *See*— Hynes, Dibrell P.

Chicago Pneumatic Tool Company, assignee: *See*— Fossum, Henry O.

Chicago Title and Trust Company, assignee: *See*— Sola, Joseph G.

Christaldi, Peter S., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray oscillograph circuit. 2,448,771, Sept. 7.

Christensen, Edmund J., Chicago, Ill. Electric portable stove. 2,448,956, Sept. 7.

Chrysler Corporation, assignee: *See*— Mauer, Edwin R.

Clarione, Joseph, Fitchburg, Mass. Knife having replaceable blades. 2,448,957, Sept. 7.

Clapp, Roy A., Minneapolis, Minn., assignor by mesne assignments, to Argus, Incorporated, Ann Arbor, Mich. Intermittent film feed mechanism. 2,448,519, Sept. 7.

Clare, Carl P., and G. Weinreich, assignors to Cook Electric Company, Chicago, Ill. Differential relay. 2,448,772, Sept. 7.

Clark Equipment Company, assignee: *See*— Eaton, Ernest E.

Clark, George, Trenton, N. J. Bobbin marking mechanism. 2,448,773, Sept. 7.

Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Copolymers of halo allyl esters of carboxylic acids. 2,448,703, Sept. 7.

Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Diketo acrylates. 2,448,958, Sept. 7.

Coffin, Francis P., Jr., Schenectady, N. Y., and F. E. Bothwell, Boston, and P. D. Crout, Lexington, Mass., assignors by mesne assignments to the United States of America, as represented by the Secretary of the Navy. Smoothing servo. 2,449,035, Sept. 7.

Colgate-Palmolive-Peet Company, assignee: *See*— Ross, John.

Collins, Calhoun, assignor of one-half to T. M. Ryerson, Bakersfield, Calif. Adjustable reclining chair. 2,448,860, Sept. 7.

Colt, Ralph S., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose ester lithographic printing process. 2,448,861, Sept. 7.

Condon, Ernest E., Hermanville, Md. Tube cutter. 2,448,578, Sept. 7.

Conklin, Ray B., Buffalo, N. Y. Cargo-carrying airplane. 2,448,862, Sept. 7.

Conlan, David, assignor to Conlan Electric Corporation, Brooklyn, N. Y. Solenoid with plunger and latch. 2,448,959, Sept. 7.

Conlan, Electric Corporation, assignee: *See*— Conlan, David.

Conlon-Moore Corporation, assignee: *See*— Babcock, Henry H.

Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Making a hydrocarbon conversion catalyst. 2,448,960, Sept. 7.

Conrad, Leona M.: *See*— Brennan, Joseph B., and Conrad.

Cook Electric Company, assignee: *See*— Clare, Carl P., and Weinreich.

Cook, Martin L., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,448,774, Sept. 7.

Costa, Mannie F., Syracuse, assignor to T. N. Benedict Mfg. Co., East Syracuse, N. Y. Ice-cream dipper. 2,448,863, Sept. 7.

Coulson, Walter, Detroit, Mich. Chuck. 2,448,579, Sept. 7.

Craft, William S.: *See*— Given, Richard A., and Craft.

Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co. Harpoon construction. 2,448,864, Sept. 7.

Crane, Dan S., assignor to R. B. Crane, Shelbyville, Ill. Honeycomb uncapper. 2,448,775, Sept. 7.

Crane, Robert B., assignee: *See*— Crane, Dan S.

Cranston, Albert E., Jr., Portland, Oreg. Machine for severing and driving corrugated fasteners. 2,448,801, Sept. 7.

Crise, George W., Columbus, Ohio. Thermostatic control and signaling device. 2,448,776, Sept. 7.

Crise, George W., Columbus, Ohio. Massaging apparatus. 2,448,777, Sept. 7.

Crise, George W., Columbus, Ohio. Automatic boat-steering mechanism. 2,448,778, Sept. 7.

Crise, George W., Columbus, Ohio. Switch mechanism for automatic stokers. 2,448,779, Sept. 7.

Crombach, Nicholas, San Francisco, Calif. Dental welding machine. 2,448,865, Sept. 7.

Crompton & Knowles Loom Works, assignee: *See*— Krukonis, Alexander C. Robb, Walter Y.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity receiving system. 2,448,866, Sept. 7.

Crosby, William J., Waterbury, Conn. Easel frame. 2,448,580, Sept. 7.

Crout, Prescott D.: *See*— Coffin, Francis P., Jr., Bothwell, and Crout.

Croxall, Willard J., Bryn Athyn, and H. T. Neher, Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of ether acetals. 2,448,660, Sept. 7.

Crumrine, Chester W., Irondequoit Township, Monroe County, assignor, by mesne assignments, to L F C Corporation, Rochester, N. Y. Animal trap. 2,448,780, Sept. 7.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,448,520, Sept. 7.

Cupples, Homer L., Alexandria, Va., dedicated to the free use of the People in the territory of the United States. Preparing parasiticides containing aluminum hydroxide. 2,448,661, Sept. 7.

Curl, Alfred: *See*— Ambler, Joseph A., and Curl. Roberts, Earl J., Ambler, and Curl.

Curtis, Lester L., Newark, N. J., assignor to The McBee Company, Athens, Ohio. Key punch. 2,448,961, Sept. 7.

Dale, Frank D., Coldwater, Kans., assignor to Harry Ferguson, Inc., Dearborn, Mich. Power takeoff. 2,448,662, Sept. 7.

Daly, George F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,448,781, Sept. 7.

Dan River Mills, Incorporated, assignee: *See*— Carroll, William B., Jr.

Darby, Douglas, assignee: *See*— Swain, Frank Edward.

Darden, Walter G., Houston, Tex. Bicycle handle bar and seat attachment. 2,448,867, Sept. 7.

D'Ardenne, Walter H., Jenkintown Manor, assignor to to Heintz Manufacturing Company, Philadelphia, Pa. Rocket stop assembly. 2,448,962, Sept. 7.

D'Assis-Fonseca, Evelyn Cecil Muschamp, assignor to The Bristol Aeroplane Company Limited, Bristol, England. Gun turret for aircraft. 2,448,704, Sept. 7.

Daven Company, assignee: *See*— Smith, John P., Jr.

Davis, Archibald H., Washington, D. C. Composite strand and fabric. 2,448,782, Sept. 7.

Davis, Charles P.: *See*— Schideler, Pierre, and Davis.

Davis, P. Malcolm, et al.: *See*— Van Derhoef, Henry E., and Davis.

Davis, Walter M., Jamaica Plain, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Recovering phthalic anhydride. 2,448,868, Sept. 7.

Dearborn Chemical Company, assignee: *See*— May, Henry E.

Decker, Erik: *See*— Wood, Frederic E., Glenger, Decker, and Sargisson.

De Giers, Clarence A., Forest Hills, and L. M. Campani, Freeport, assignors to The Liquidometer Corporation, Long Island City, N. Y. Electrical vernier type telemetric indicating system. 2,448,783, Sept. 7.

Denton, John J.: *See*— Parker, Robert P., and Denton.

De Pew, Chester C.: *See*— Gregory, Alfred T., and De Pew.

De Vry Corporation, assignee: *See*— Ress, Thomas I., and Lang.

Diamant, Fred J., New York, N. Y. Composite shoe platform. 2,448,663, Sept. 7.

Dicke, Robert H., Princeton, N. J. Detection of high-speed charged particles. 2,448,963, Sept. 7.

Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Trimethylenebenzomoropholine azo compounds. 2,448,869, Sept. 7.

Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds containing a triazole nucleus. 2,448,870, Sept. 7.

Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds containing a tetrahydroquinoline nucleus. 2,448,871, Sept. 7.

Dickinson, Horace, South Gate, Calif. Thermal-mechanical element. 2,448,784, Sept. 7.

Dietert, Harry W., Detroit, Mich. Apparatus for testing molding sand. 2,448,964, Sept. 7.

Disposable Bottle Corporation, assignee: *See*— Allen, Adda M.

Ditto, Incorporated, assignee: *See*— Champion, William J.

Dixon, Joseph, Crucible Company, assignee: *See*— Reid, John O.

Dobson, Jessica, Whickham, England. Trousers, shorts and the like. 2,448,705, Sept. 7.

Dolan, Loyd M., Fort Wayne, Ind., assignor to General Electric Company. Laminated core construction. 2,448,785, Sept. 7.

Donohue, Frank L.: *See*— Schneider, Gerhard G., and Donohue.

Douglas Aircraft Company, Inc., assignee: *See*— Adams, Harold W., and Wheelon. Reaser, Wilbur W., and Kerr. Van Dyke, Edward E., and Kerr.

Drayer, Donald H., Brookmont, Md. Automatic recording stadia instrument. 2,448,965, Sept. 7.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Beste, Harold E.
Christaldi, Peter S.
Goldsmith, Thomas T., Jr., and Mann.
Koch, Stanley J.
Mann, Estle R., and Goldsmith.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Alderson, Witty L., Jr.
Alles, Francis P.
Berry, Kenneth L.
Cupery, Martin E.
Fletcher, David A., and Renfrew.
Gentner, Edmund J.
Glick, Charles F.
Happoldt, William B., Jr., and Stockfleth.
Hoover, Fred W.
Langkammerer, Carl M.
McQueen, David M., and Weaver.
Peterson, James H.
Renfrew, Malcolm M.
Schulze, Ferdinand.
Walker, Isaac F.
Whitman, Gerald M.

Dwyer, Martin, Hewlett Bay Park, N. Y. Emergency signaling device. 2,448,521, Sept. 7.

Eastman Kodak Company, assignee: *See*—
Allen, Charles F. H., Wilson, and Frame.
Beguin, Albert E.
Brice, William L.
Carroll, Burt H., and Staud.
Colt, Ralph S.
Dickey, Joseph B., and McNally.
Fuerst, Carl C.
Kenyon, William O., and Unruh.
Lowe, Wesley G., and Tarkington.
Murray, Thomas F., Jr., and Sharrard.
Silberstein, George P.
Van Derhoef, Henry P., and Davis.
Weissberger, Arnold, Kibler, and Young.

Eastwood, Sylvander C.: *See*—
Simpson, Thomas P., and Eastwood.

Eaton, Ernest E., Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,448,872, Sept. 7.

Edwards, Samuel H., Richmond, Calif. Valve. 2,448,706, Sept. 7.

Eggmann, Robert E., et al.: *See*—
Oakley, Thurman, Westenhaver, and Eggmann.

Electronic Tester of Gas Meters, Inc., assignee: *See*—
Oakley, Thurman, Westenhaver, and Eggmann.

Empire Electric Brake Company, assignee: *See*—
Ingres, Jeannot G.

Erb, George C., Forest Hills West, assignor to American Can Company, New York, N. Y. Can cover remover. 2,448,522, Sept. 7.

Erickson, Carl E., and F. L. Zufelt, assignors to Northfield Iron Company, Northfield, Minn. Feed trough. 2,448,707, Sept. 7.

Exline, Paul G.: *See*—
Pigott, Reginald J. S., and Exline.

Fair, Irvin E., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing circuits for piezoelectric crystals. 2,448,581, Sept. 7.

Fairchild Engine and Airplane Corporation, assignee: *See*—
Gregory, Alfred T., and De Pew.
Johnson, Halex.

Fairey Aviation Company, Limited, The, assignee: *See*—
Forsyth, Archibald G.

Fales, Elisha N., Washington, D. C. Control of vortex flow by pressure waves. 2,448,966, Sept. 7.

Faxon, Charles E., Republic, Wash. Confectionery forming mechanism. 2,448,786, Sept. 7.

Fedirko, John: *See*—
Robey, Richard F., Fedirko, and Barnett.

Fein, Martin L., Riverside, N. J., and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Phenoxyethyl lactate and a cellulose compound plasticized therewith. 2,448,873, Sept. 7.

Ferrel, Clyde B., San Francisco, Calif., assignor to Ferrel Industries, Inc., Reno, Nev. Apparatus for detecting and locating enemy vessels. 2,448,787, Sept. 7.

Ferrel Industries, Inc., assignee: *See*—
Ferrel, Clyde B.

Fibiger, Augustus F., Toledo, Ohio. Fish lure. 2,448,523, Sept. 7.

Fife, Harvey R., Mount Lebanon, Pa., and F. H. Roberts, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Polyoxypropylene compounds. 2,448,664, Sept. 7.

Fike, Floyd M., Flagstaff, Ariz. Lamp guard. 2,448,582, Sept. 7.

Firth, Thos., & John Brown Limited, assignee: *See*—
Thorton, Alfred E.

Fischer, Albert M., assignor of forty per cent to J. E. Mistarz, Chicago, Ill. Method of and apparatus for processing yeast. 2,448,927, Sept. 7.

Fisher, Charles H.: *See*—
Fein, Martin L., and Fisher.

Fitzpatrick, W. J., Company, The, assignee: *See*—
Wagner, Harold H., and Magnus.

Fleck, Elmer E., Silver Spring, and R. K. Preston, Cumberland, Md., dedicated to the free use of the people in the territory of the United States. Low-temperature noncrystallizing DDT-alkylated naphthalene insecticide. 2,448,665, Sept. 7.

Fleshman, Grigsby J., Oak Hill, W. Va. Billiard cue tip file. 2,448,967, Sept. 7.

Fletcher, David A., Pompton Plains, and M. M. Renfrew, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyethylene-polyvinyl acetal composition. 2,448,666, Sept. 7.

Florida Frozen Fruits, Inc., assignee: *See*—
Holzcker, Richard.

Flygare, Carl G., and C. C. Alvord, assignors to Norton Company, Worcester, Mass. Hydraulically operated wheel feeding mechanism. 2,448,874, Sept. 7.

Ford, Eugene A., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Machine for sorting cards perforated in alphabetical code. 2,448,788, Sept. 7.

Ford Motor Company, assignee: *See*—
Pinardi, Charles P., and Brock.
Wharam, John J., and Loon.

Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, England. Supercharged multiple motor internal combustion unit for aircrafts. 2,448,789, Sept. 7.

Fosnot, Henry O., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Valve for rock drills. 2,448,875, Sept. 7.

Foster, Jackson W., and L. E. McDaniel, assignors to Merck & Co., Inc., Rahway, N. J. Production of penicillin. 2,448,790, Sept. 7.

Foster, Jackson W., New York, N. Y., and L. E. McDaniel, assignors to Merck & Co., Inc., Rahway, N. J. Production of penicillin in cotton seed meal medium. 2,448,791, Sept. 7.

Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricant injector. 2,448,583, Sept. 7.

Ferguson, Harry, Inc., assignee: *See*—
Dale, Frank D.

Frame, Gordon F.: *See*—
Allen, Charles F. H., Wilson, and Frame.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Control device. 2,448,968, Sept. 7.

Fraser, James, assignor to Speakman Company, Wilmington, Del. Showerhead. 2,448,792, Sept. 7.

Frederickson, Carl J., assignee, et al.: *See*—
Hart, Carl F.

French, Roy B., Superior, W. Va. Key retainer. 2,448,969, Sept. 7.

Frosch, Carl J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cured polyester synthetic rubbers formed from disecondary glycols. 2,448,584, Sept. 7.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. High-speed symmetrical opening photographic shutter. 2,448,876, Sept. 7.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Bulb exposure mechanism for camera shutters. 2,448,877, Sept. 7.

Fuller, Calvin S., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Organic peroxide-curable and organic peroxide-cured synthetic polyester rubbers. 2,448,585, Sept. 7.

Fuller, Frederick, Middletown, N. Y. Draftsman's compass. 2,448,878, Sept. 7.

Gainsley, Sheldon H., Minneapolis, Minn. Jig-saw puzzle and rack therefor. 2,448,667, Sept. 7.

Gamble, David E., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch plate. 2,448,879, Sept. 7.

Gamble, David E., Tucson, Ariz., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch plate. 2,448,880, Sept. 7.

Ganuchean, James J., assignor to Southern Shell Fish Company, Inc., New Orleans, La. Preserving tinned crustacean meat. 2,448,970, Sept. 7.

Gaylord Container Corporation, assignee: *See*—
Meinhardt, John W.

Geissler, Carl G., Alameda, Calif. Medical divider. 2,448,708, Sept. 7.

Geller, Max, Brooklyn, N. Y. Jointed mannequin doll. 2,448,668, Sept. 7.

General Electric Company, assignee: *See*—
Agnes, Maynard C.
Dolan, Loyd M.
Jones, Henry F.
Lewis, Thomas X.
Sprung, Murray M., and Burkhard.
Wright, James G. E., and Oliver.

Gentner, Edmund J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated granular resin and process of making same. 2,448,524, Sept. 7.

Glenger, Fred: *See*—
Wood, Frederic E., Glenger, Decker, and Sargisson.

Gilbert, Lewis W., Bradford, Pa., assignor to F. Keiper, Rochester, and N. E. B. Gilbert, Seneca Falls, N. Y. Device to regulate depth of gasoline in the float chamber of a carburetor. 2,448,709, Sept. 7.

Gilbert, Nora E. B., assignee et al.: *See*—
Gilbert, Lewis W.

Gile, William A., Stoneham, Mass. Toolholder for lathes. 2,448,586, Sept. 7.

Given, Richard A., Lake Charles, La., and W. S. Craft, Elizabeth, N. J., assignors to Standard Oil Development Company. Stripping in butadiene extraction. 2,448,971, Sept. 7.

Gizara, Edward W., Amsterdam, N. Y. Internal-combustion engine (turbine type). 2,448,972, Sept. 7.

Glass, Paul, Chicago, Ill., assignor to Askania Regulatro Company. Rectifier fed motor system. 2,448,793, Sept. 7.

Glick, Charles F., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements bearing a polyvinylpyridine sublayer, a layer containing a soluble boron compound and a silver halide synthetic hydroxyl polymer layer and their preparation. 2,448,525, Sept. 7.

Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Multiple jaw chuck. 2,448,881, Sept. 7.

Golden State Company, Ltd., assignee: *See*—
Peebles, David D., and Hensley.

Goldsmith, Thomas T., Jr.: *See*—
Mann, Estle R., and Goldsmith.

Goldsmith, Thomas T., Jr., Cedar Grove, and E. R. Mann, Upper Montclair, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Device for testing magnetic materials. 2,448,794, Sept. 7.

Graeske, William F., Clearwater, Fla. Vertically adjustable bookkeeper's table. 2,448,710, Sept. 7.

Graham Transmissions, Inc., assignee: *See*—
Jones, Lloyd E.

Grand Rapids Store Equipment Company, assignee: *See*—
Vanderveld, Anthony.

Grant, Charles H., assignee, et al.: *See*—
Lawler, Frank P.

Grecco, Louis P., Portland, Oreg. Divisible carton. 2,448,795, Sept. 7.

Gregory, Alfred T., Massapequa, and C. C. De Pew, assignors to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Dynamic damper support. 2,448,973, Sept. 7.

Green, Alex E. S., Flushing, N. Y., assignor to California Institute Research Foundation, Pasadena, Calif. Directionally sensitive firing error indication. 2,448,587, Sept. 7.

Green, Thomas F., Jr., Ormond Beach, Fla. Electric heater for tanks. 2,448,669, Sept. 7.

Greenberg, George, New York, N. Y. Suspending device. 2,448,588, Sept. 7.

Greenman, Leo S., Cleveland, Ohio. Window regulator for automobiles and the like. 2,448,796, Sept. 7.

Greenwald, Harold A.: *See*—
Price, Nathan C., and Greenwald.

Greffe, André, La Bathie, assignor to Societe d'Electro-Chimie, d'Electro-Metallurgie et des Acieries Electriques d'Ugine, Paris, France. Method for deironing chromium ore. 2,448,882, Sept. 7.

Grenby Manufacturing Company, The, assignee: *See*—
Nicholas, Andrew F.

Gross, Thomas A. O., Boston, assignor to Raytheon Manufacturing Company, Newton, Mass. Frequency discriminating circuits. 2,448,526, Sept. 7.

Grunfeld, Maximilien, Lyon, France; vested in the Attorney General of the United States. Manufacture of primary amines. 2,449,036, Sept. 7.

Gulf Research & Development Company, assignee: *See*—
Pigott, Reginald J. S., and Exline.

Gulick, Russell A., Lynnfield, Mass., assignor, by mesne assignments, to Stator Corporation. Double wall vessel. 2,448,589, Sept. 7.

Gunther, Roland E., Oceanside, N. Y. Apparatus for dispersing gases in liquids. 2,448,590, Sept. 7.

Gustin, Walter, Elsinore, Calif. Device for exercising and treating feet. 2,448,797, Sept. 7.

Guttmann, Eric S., Burbank, Calif., assignor to A. S., E. G., L. M., C. M., and L. Polan, Jr., a copartnership doing business as Zenith Optical Company, Huntington, W. Va. Microscope mounting with self-contained illuminator. 2,448,974, Sept. 7.

H-P-M Development Corporation, assignee: *See*—
MacMillin, Howard F., and Waldie.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Lavatory supporting bracket. 2,448,798, Sept. 7.

Hain, George M.: *See*—
Zisman, William A., and Hain.

Hale, Douglas A. S.: *See*—
Blazier, Charles R., and Hale.

Hall, Robert L., Thompsonville, Ill. Concrete post form. 2,448,883, Sept. 7.

Hall, Samuel G.: *See*—
Zwillinger, Max, and Hall.

Hallett, Elton C., assignor to Hallett Manufacturing Company, Inglewood, Calif. Dual filter and connection shield. 2,448,711, Sept. 7.

Hallett Manufacturing Company, assignee: *See*—
Hallett, Elton C.

Hamilton, Alfred E., Pittsburgh, Pa. Abrasive roll. 2,448,884, Sept. 7.

Hampshire, William J., Cygnet, Ohio. Controlling the operation of wing and tail-elements of an airplane. 2,448,712, Sept. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cold cathode electron discharge device and circuits therefor. 2,448,527, Sept. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio listening buoy. 2,448,713, Sept. 7.

Happoldt, William B., Jr., Arlington, and A. Stockfleth, North Arlington, assignors to E. I. Du Pont de Nemours & Company, Wilmington, Del. Ethylene polymer compositions. 2,448,799, Sept. 7.

Harder, George W., Louisville, Ky. Boat loading device. 2,448,591, Sept. 7.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Dithio acid derivatives. 2,448,714, Sept. 7.

Harju, Walter A., Daly City, Calif. Window shade. 2,448,800, Sept. 7.

Harkness, Travis O., Shreveport, La., assignor, by mesne assignments, to C. H. C. Patent Corporation, Texarkana, Tex. Seismic exploration operations. 2,449,037, Sept. 7.

Hart, Carl F., assignor of one-third to C. J. Frederickson and one-third to P. J. Mueller, Miami, Fla. Plug connector. 2,448,592, Sept. 7.

Harris-Segbold Company, assignee: *See*—
Harrold, Charles W., and Meyer.

Harrold, Charles W., and H. F. Meyer, University Heights, Ohio, assignors to Harris-Seybold Company. Inker. 2,448,975, Sept. 7.

Harvel Corporation, The, assignee: *See*—
Harvey, Mortimer T.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Condensation products obtained from anacardic materials. 2,448,715, Sept. 7.

Heidenthal, Warren C., Middletown, assignor to American Brake Shoe Company, New York, N. Y. Rail lubricator. 2,448,670, Sept. 7.

Heiligmann, Randall G., Yeadon, assignor to The Atlantic Refining Company, Philadelphia, Pa. Polymerization of alpha alkyl styrenes. 2,448,976, Sept. 7.

Heintz Manufacturing Company, assignee: *See*—
D'Ardenne, Walter H.

Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Flash and blast reducer. 2,448,593, Sept. 7.

Hensley, Guy P.: *See*—
Peebles, David D., and Hensley.

Hercules Powder Company, assignee: *See*—
Rummelsburg, Alfred L.

Heuver, Herbert M., Dayton, Ohio. Wind tunnel balance. 2,448,528, Sept. 7.

Hillier, James, Cranbury, and R. F. Baker, Princeton, N. J., assignors to Radio Corporation of America. High resolution microscopy. 2,448,594, Sept. 7.

Hoekstra, Albert, San Antonio, Tex. Window lift and fastener. 2,448,977, Sept. 7.

Holbrook, Wallace, Los Angeles, Calif. Air heater having reverted expanding combustion chamber. 2,448,595, Sept. 7.

Hooven, Frederick J., Dayton, Ohio. Electric system to control impedances. 2,448,885, Sept. 7.

Hoover Company, The, assignee: *See*—
Stahl, Maurice D.

Hoover, Fred W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixture of hydrolyzed ethylene-vinyl ester copolymer and N-substituted polyamide. 2,448,978, Sept. 7.

Holzcker, Richard, Lake Wales, Fla., assignor to Florida Frozen Fruits, Inc. Method for concentrating aqueous suspensions and solutions. 2,448,802, Sept. 7.

Hopff, Heinrich, and W. Rapp, Ludwigshafen-on-Rhine, Germany; vested in the Attorney General of the United States. The production of β,β'-dicyano diethyl ether. 2,448,979, Sept. 7.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Electric furnace. 2,448,886, Sept. 7.

Hord, Paul E., Tebbetts, Mo. Frame structure for ventilating fans. 2,448,671, Sept. 7.

Hough, Richard L., Brantford, Ontario, Canada. Stem and socket combination. 2,448,980, Sept. 7.

Huckleberry, Harry M., Rodgers Forge, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Capacitor. 2,448,887, Sept. 7.

Hultquist, Martin E., Bound Brook, N. Y., assignor to American Cyanamid Company, New York, N. Y. Preparation of 3-substituted benzotetronic acid and salts thereof. 2,449,038, Sept. 7.

Hunter, James F., Tulsa, Okla. Nasal sprayer. 2,448,803, Sept. 7.

Hurd, George K., Toronto, Ontario, Canada. Hook attachment for ladders. 2,448,716, Sept. 7.

Huntley Manufacturing Company, assignee: *See*—
Paul, Frederick J.

Hutchinson, Harry M., assignor to C. H. Masland & Sons, Carlisle, Pa. Hunting and fishing garment. 2,448,804, Sept. 7.

Hydraulic Control Engineering Company, assignee: *See*— Kirkham, Hall.
Stephens, William T.

Hynes, Dibrell P., Evanston, assignor to Chicago Forging and Manufacturing Company, Chicago, Ill. Fitting. 2,448,888, Sept. 7.

I-T-E Circuit Breaker Company, assignee: *See*— Scott, William M., Jr.

Imm, Lewis W., Glendale, assignor to Librascope, Incorporated, Burbank, Calif. Flight computer. 2,448,596, Sept. 7.

Imperial Brass Manufacturing Company, The, assignee: *See*— Franck, George E.

Ingram, Bernard, Berkeley, Calif. Adjustable detent wrench for screw calks. 2,448,805, Sept. 7.

Ingres, Jeannot G., Richmond, Va., assignor to Empire Electric Brake Company, Newark, N. J. Booster brake mechanism. 2,448,981, Sept. 7.

International Business Machines Corporation, assignee: *See*— Armbruster, John W.
Daly, George F.
Ford, Eugene A.
Robbins, Joseph J., and Blakely.
Tholstrup, Henry L.

Jack & Heintz Precision Industries, Inc., assignee: *See*— Piskac, Yaro, and Smiley.

Jeffcock, Howard W., assignor to Morris Machine Works, Baldwinsville, N. Y. Sealing means for pumping apparatus. 2,448,717, Sept. 7.

Jefferson Electric Company, assignee: *See*— Rickmeyer, Ernst W.

Jensen, Theodore E., Albany, N. Y. Coin tray. 2,448,982, Sept. 7.

Johnson, Charles B., assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Valve stop collar. 2,448,529, Sept. 7.

Johnson, Halex, Jackson Heights, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Engine cylinder. 2,448,983, Sept. 7.

Johnson, Nels, Lower Merion Township, Montgomery County, and W. E. Bradley, Swarthmore, assignors, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Proximity fuse testing apparatus. 2,448,889, Sept. 7.

Johnson-March Corporation, The, assignee: *See*— Kleinicke, Werner E.

Johnston, William B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Condensation products of polyhydroxy alkylamines with aldehydes. 2,448,890, Sept. 7.

Jolley, Duane L.: *See*— Jolley, Leland D. and D. L.

Jolley, Leland D. and D. L., Provo, Utah. Auto prowler alarm. 2,448,597, Sept. 7.

Jones, Henry F., Pittsfield, Mass., assignor to General Electric Company. Modified silicone compositions. 2,448,530, Sept. 7.

Jones, Lloyd E., assignor to Graham Transmissions Inc., Milwaukee, Wis. Variable-speed transmission. 2,448,598, Sept. 7.

Joyce, Asa W.: *See*— Scalera, Mario, and Joyce.

Kalva Corporation, The, assignee: *See*— Karnopp, Karl W.

Karnopp, Karl W., assignor to The Kalva Corporation, Waukegan, Ill. Suspending agent for beverages. 2,448,599, Sept. 7.

Katz, Harry P., Cleveland, Ohio. Forced draft air supply and control means for furnaces. 2,448,891, Sept. 7.

Keiper, Frank, assignee, et al.: *See*— Gilbert, Lewis W.

Keller, Spencer R., Handley, W. Va. Adjustable internal expansion grinder. 2,448,600, Sept. 7.

Kelley, Carl S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon alkylation process. 2,448,601, Sept. 7.

Kellogg, M. W., Company, assignee: *See*— Hopkins, Robert K.

Kenyon, William O., and C. C. Unruh, assignors to Eastman Kodak Company, Rochester, N. Y. Resinous copolymer of isopropenyl acetate. 2,448,531, Sept. 7.

Kenyon, William O., and E. C. Yackel, assignors to Eastman Kodak Company, Rochester, N. Y. Oxidation of cellulose. 2,448,892, Sept. 7.

Kepple, Ezra W., Greensburg, Pa. Chimney cap. 2,448,806. Sept. 7.

Kerr, Kingdon: *See*— Van Dyke, Edward E., and Kerr.

Kester, Ernest B., and H. M. Preusser, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Glycidyl esters. 2,448,602, Sept. 7.

Kevin, Thomas D., Oswego, Oreg., and P. B. Payne, Seattle, Wash. Sanitary container for brushes. 2,448,603, Sept. 7.

Kibler, Charles J.: *See*— Weisasberger, Arnold, Kibler, and Young.

Kimball, June W., Athens, Ohio. Fatten-the-pig savings bank. 2,448,807, Sept. 7.

Kirkham, Hall, assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Automatic power position hold for control valves. 2,448,532, Sept. 7.

Kittredge, Arthur E., Audubon, N. J. Pressure system. 2,448,604, Sept. 7.

Kleinicke, Werner E., Manhasset, assignor to The Johnson-March Corporation, New York, N. Y. Composition for treating coal and the like. 2,448,605, Sept. 7.

Knauf, Harry V., Jr., Oaklyn, N. J., assignor to Radio Corporation of America. Art of winding odd-shape coils. 2,448,672, Sept. 7.

Koch, Stanley J., Clifton, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Contact terminal for vacuum tubes. 2,448,808, Sept. 7.

Kohl, William R., Glenview, Ill. Garment hanger. 2,448,673, Sept. 7.

Koningsberger, Carel, Delft, assignor to Rubber Stichting, Amsterdam, Netherlands. Process for preparing homogeneous partially chlorinated derivatives of rubber. 2,448,809, Sept. 7.

Koonz, Carl H.: *See*— Trelease, Richard D., and Koonz.

Koucký, František: *See*— Koucký, Josef.

Koucký, Josef and F., assignors of one-third to Zbrojovka Brno Narodni Podnik, also named Brno Arms Factory National Corporation, Prague, Czechoslovakia. Removable trigger housing group for firearms. 2,448,810, Sept. 7.

Koullcovitch, Maurice, assignor to Societe Genevoise D'Instruments De Physique, Geneva, Switzerland. Method of and device for producing pulses at the maximum or minimum of an electric impulse. 2,448,718, Sept. 7.

Kraus, Edmund, San Antonio, Tex. Awning. 2,448,984, Sept. 7.

Krukonis, Alexander C., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Hand wheel for looms. 2,448,811, Sept. 7.

Kuzmick, Joseph N., Clifton, and D. Bell, Fair Lawn, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Manufacture of abrasive products. 2,448,985, Sept. 7.

LFC Corporation, assignee: *See*— Crumrine, Chester W.

Ladwig, Walter C., Elmhurst, Ill. Comb decapper. 2,448,986, Sept. 7.

Lamar, Charles, Brooklyn, N. Y. Cap for flasks or the like. 2,448,893, Sept. 7.

Lang, John W., Jr.: *See*— Ress, Thomas I., and Lang.

Langkammerer, Carl M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic drying oils from a dithiol and divinylacetylene. 2,448,987, Sept. 7.

Langton, Bowen D.: *See*— Love, Homer, Britain, Langton, and R. E. and C. E. Van Gundy.

La Raus, Julius, Westport, Conn. Heating system. 2,448,988, Sept. 7.

Latchum, John W., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removing noncombustibles for fuel gas. 2,448,719, Sept. 7.

Laurance, Harold W., Coulee Dam, Wash. Consistency meter. 2,448,533, Sept. 7.

Laus, Anthony J., Pittsburgh, Pa. Shopping bag handle. 2,448,894, Sept. 7.

Lawler, Frank P., Chicago, Ill., assignor of one-third to C. H. Grant, San Francisco, Calif., one-third to F. P. Lawler, Chicago, Ill., and one-third to P. J. Tyler, Oroville, Calif. Hoist. 2,448,674, Sept. 7.

Lawrence, John T., Inman, S. C. Collapsible house. 2,448,895, Sept. 7.

Leake, James M., Monroe, Mich. Engine rocker arm. 2,448,989, Sept. 7.

Lear, Incorporated, assignee: *See*— Schon, William K.

Lee, Harley C.: *See*— Mahoney, Charles H., Lee, Tarr, and Le Grand.

Leffingwell, Wallace B.: *See*— Weesner, Carl W., Leffingwell, Babylon, and Schell.

Le Grand, Pierre E.: *See*— Mahoney, Charles H., Lee, Tarr, and Le Grand.

Lemire, Joseph, assignor of fifty per cent to N. Boisvert, Drummondville, Quebec, Canada. Electric timing motor. 2,448,812, Sept. 7.

Leveira, Robert M., San Francisco, Calif. Rotatable stand for supporting cable-thimble vise vertically or horizontally. 2,448,535, Sept. 7.

Levine, Arthur O., Brooklyn, N. Y. Match package. 2,448,990, Sept. 7.

Levy, Charles, Paterson, N. J. Synthetic vanilla flavor. 2,448,896, Sept. 7.

Lewis, Thomas X., Rugby, England, assignor to General Electric Company. Power system. 2,448,813, Sept. 7.

Libby, Raymond L., Poundridge, assignor to American Cyanamid Company, New York, N. Y. Therapeutic composition. 2,449,039, Sept. 7.

Libertyville Textiles, Inc., assignee: *See*— Stahl, William F.
Walliser, Robert E.

Librascope, Incorporated, assignee: *See*— Imm, Lewis W.

Licata, Francis J., West Caldwell, assignor to Nopco Chemical Company, Harrison, N. J. Novel greases. 2,448,720, Sept. 7.

Licata, Francis J., West Caldwell, assignor to Nopco Chemical Company, Harrison, N. J. Aluminum soap greases. 2,448,721, Sept. 7.

Lichty, Joy G., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Production of N-isopropylmethacrylamide. 2,448,991, Sept. 7.

Lincoln Engineering Company, assignee: *See*— Fox, Alexander P.

Linde Air Products Company, The, assignee: *See*— Barnes, Malcolm H., and McCandless.
Bucknam, James H.

Line Material Company, assignee: *See*— Van Ryan, Anthony.

Linton, William C., Washington, D. C. Illuminated cover plate. 2,448,606, Sept. 7.

Liquidometer Corporation, The, assignee: *See*— DeGiers, Clarence A., and Campani.

Livingston, Stanley D., Freeport, N. Y. Surge generator. 2,448,897, Sept. 7.

Lockhart, Marshall L., Rutherford, N. J. Hypodermic needle. 2,448,898, Sept. 7.

Lockheed Aircraft Corporation, assignee: *See*— Bloomfield, John J.
Price, Nathan C.
Price, Nathan C., and Greenwald.

Loewe, Peter L., Kalamazoo, Mich. Control mechanism for a plurality of motors. 2,448,675, Sept. 7.

Logan, Robert C., Chowchilla, Calif. Fountain implement with pivotally mounted dual brush units. 2,448,607, Sept. 7.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Impulsing circuit including a preenergizing circuit for the impulsing relay. 2,448,608, Sept. 7.

Loon, Fred G.: *See*— Wharam, John J., and Loon.

Love, Homer, C. E. Britain, B. D. Langton, R. E. Van Gundy, Wichita, and C. E. Van Gundy, Valley Center, Kans. Propelling power unit for invalid wheel chairs. 2,448,992, Sept. 7.

Lowe, Wesley G., and R. G. Tarkington, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic cellulose ester silver halide emulsion. 2,448,534, Sept. 7.

Lummus Company, The, assignee: *See*— Reed, Carl S., and Schutte.
Schutte, August H., and Reed.

Lutz, August: *See*— Scott, William W., and Lutz.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,448,536, Sept. 7.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,448,537, Sept. 7.

Maclay, William D.: *See*— McCready, Rolland M., Owens, and Maclay.

MacMillin, Howard F., and G. A. Waldie, Mount Gilead, Ohio, assignors to H-P-M Development Corporation. Method of injection molding. 2,448,676, Sept. 7.

Macro, Henry A., Sheridan, N. Y. Seedling planting device. 2,448,899, Sept. 7.

Magnus, Elmer G.: *See*— Wagner, Harold H., and Magnus.

Mahoney, Charles H., H. C. Lee, A. L. Tarr, and P. E. Le Grand, Boulder City, Nev., assignors, by mesne assignments, to Reconstruction Finance Corporation. Grain refining magnesium alloys. 2,448,993, Sept. 7.

Malin, Jay B.: *See*— Barber, Everett M., and Malin.

Mallory, Gerald D., assignor to Wingfoot Corporation, Akron, Ohio. Closure for an inflatable structure. 2,448,677, Sept. 7.

Malm, Frank S., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Composition comprising organic peroxide cured glycol-dicarboxylic acid polyester and red oxide of iron. 2,448,609, Sept. 7.

Mandolf, Henry I., San Diego, Calif. Spool lock for fishing reels. 2,448,610, Sept. 7.

Mann, Estle R.: *See*— Goldsmith, Thomas T., Jr., and Mann.

Mann, Estle R., Upper Montclair, and T. T. Goldsmith, Jr., Cedar Grove Township, Essex County, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Device for selecting metal pieces. 2,448,814, Sept. 7.

Mannheimer, David: *See*— Antony, Charles, Jr., and Mannheimer.

Martin, Gustav J., Philadelphia, and S. Avakian, Oreland, assignors to The National Drug Company, Philadelphia, Pa. 5-Benzimidazol derivatives of barbituric acid. 2,448,722, Sept. 7.

Martin, William S., Sand Springs, Okla. Magnetic bookmark. 2,448,611, Sept. 7.

Masland, C. H., & Sons, assignee: *See*— Hutchinson, Harry M.

Mason, John E., assignor to The Stearns-Roger Manufacturing Company, Denver, Colo. Cyclic regulation of crystallizers. 2,448,538, Sept. 7.

Matthews, W. N., Corporation, assignee: *See*— Mosley, Carl E.

Mattocks, Edgar H., Chicago, Ill. Screw cover wrench. 2,448,815, Sept. 7.

Maurer, Edwin R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling with centrifugal lockup means. 2,448,539, Sept. 7.

Maxson, Rolland H., assignor to The Burdick Corporation, Milton, Wis. Electrophysiotherapeutic apparatus. 2,448,540, Sept. 7.

Maxson, Rolland H., assignor to The Burdick Corporation, Milton, Wis. Electrophysiotherapeutic apparatus. 2,448,541, Sept. 7.

Maxson, W. L., Corporation, The, assignee: *See*— McLaren, Peter J.

May, Henry E., assignor to Dearborn Chemical Company, Chicago, Ill. Continuous blowoff valve for steam boilers. 2,448,816, Sept. 7.

Mayer, Michael, Cleveland, Ohio. Oven for heating asphalt tile and the like. 2,448,723, Sept. 7.

Mayo, Belmont P., Providence, R. I. Ticket holder. 2,448,900, Sept. 7.

McArthur, Warren, Bantam, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Fastening device. 2,448,817, Sept. 7.

McBee Company, The, assignee: *See*— Curtis, Lester L.

McCandless, Edward: *See*— Barnes, Malcolm H., and McCandless.

McCarty, Lawrence J.: *See*— Wean, Lincoln E., and McCarty.

McClary, Archie W., Oakland, Calif. Welding rod holder. 2,448,994, Sept. 7.

McCorkhill, Jesse C., Xenia, Ohio. Impact screwdriver. 2,448,995, Sept. 7.

McCormick, Irma G.: *See*— Balch, Ralph H., and McCormick.

McCready, Rolland M., H. S. Owens, and W. D. Maclay, Berkeley, Calif., assignors to United States of America, as represented by the Secretary of Agriculture. Isolating low-methoxyl pectinic acids. 2,448,818, Sept. 7.

McCrory, Harrell S.: *See*— Arthur, Harry J., and McCrory.

McCulloch, Robert P., Fox Point, and J. L. Ryde, Milwaukee, Wis., assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Interengaging impeller rotary positive displacement blower. 2,448,901, Sept. 7.

McDaniel, Lloyd E.: *See*— Foster, Jackson W., and McDaniel.

McElvain, Samuel M., Madison, Wis., and T. P. Carney, Indianapolis, Ind. 3-(2'-methyl piperidino)-propyl-p-n butoxy benzoate and acid addition salts thereof. 2,448,996, Sept. 7.

McElvain, Samuel M., Madison, Wis., and T. P. Carney, Indianapolis, Ind. Piperidine propanol esters of phenyl acetic acid. 2,448,997, Sept. 7.

McElvain, Samuel M., Madison, Wis., and T. P. Carney, Indianapolis, Ind. 3-(2',6'-dimethylpiperidino)-propyl salicylate and acid addition salts thereof. 2,448,998, Sept. 7.

McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission and control mechanism therefor. 2,448,678, Sept. 7.

McGovney, Clarence L., Elizabeth, N. J. Nasal filter. 2,448,724, Sept. 7.

McKenzie, Wendell R., Claremont, assignor to Bank of America National Trust and Savings Association, Los Angeles, Calif. Nut lock construction. 2,448,902, Sept. 7.

McLaren, Peter J., assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Aided tracking aiming mechanism. 2,448,612, Sept. 7.

McNally, James G.: *See*— Dickey, Joseph B., and McNally.

McQueen, David M., and E. C. Weaver, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements having antihalation layers composed of vinylpyridine polymers and antihalation materials. 2,448,542, Sept. 7.

Mead, Lawrence C., Turlock, Calif. Pipe wrench having a pivoted yoke carrying an adjustable jaw. 2,448,999, Sept. 7.

Meinhardt, John W., assignor to Gaylord Container Corporation, St. Louis, Mo. Knockdown tray stack. 2,448,679, Sept. 7.

Mellon Institute of Industrial Research, assignee: *See*— Carlson, Warner W.

Merck & Co., Inc., assignee: *See*— Foster, Jackson W., and McDaniel.

Merrill, Francis G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic detector. 2,448,613, Sept. 7.

Merrill, Oliver B., Amesbury, Mass. Core for closure frame trim elements. 2,449,000, Sept. 7.

Meyer, Henry F.: *See*— Harrold, Charles W., and Meyer.

Mikeska, Louis A., and E. Arundale, Westfield, N. J., assignors to Standard Oil Development Company. Production of 1,3-diols. 2,449,001, Sept. 7.

Miller, Raymond J., Detroit, Mich. Displacement type casting apparatus. 2,448,903, Sept. 7.

Milliner, Samuel A., Jacksonville, Fla. Device for practicing golf. 2,448,904, Sept. 7.

Minit-Man, Inc., assignee: *See*—
Rousseau, Leo J.

Mirus, Gilbert B., Akron, Ohio. Motor drive for brushes and the like. 2,448,614, Sept. 7.

Mistars, John E., assignee: *See*—
Fischer, Albert M.

Mitchell, William A. J., Appleton, Wis. Pocket-type tissue container. 2,448,819, Sept. 7.

Moffats Limited, assignee: *See*—
Smith, Elmore S.

Monsanto Chemical Company, assignee: *See*—
Davis, Walter M.

Moody, Lewis F., Princeton, N. J. Apparatus for regulating centrifugal machines. 2,449,002, Sept. 7.

Moore, James R., Rumson, N. J., assignor to the United States of America as represented by the Secretary of War. Circuit for periodically generating oscillations. 2,448,543, Sept. 7.

Moos, Anthony M., New York, and S. D. Upham, Pearl River, assignors by mesne assignments to American Cyanamid Company, New York, N. Y. Water-soluble esters of riboflavin and preparation of same. 2,449,003, Sept. 7.

Morrell, Charles E., Westfield, and O. C. Slotterbeck, Rahway, N. J., assignors to Standard Oil Development Company. Preparation of substituted styrenes. 2,449,004, Sept. 7.

Morris, Arthur, Los Angeles, Calif. Electrical socket and adapter. 2,448,725, Sept. 7.

Morris Machine Works, assignee: *See*—
Jeffcock, Howard W.

Morse, Brian B. K., Holyoke, Mass. Self-compensating gyro assembly. 2,448,905, Sept. 7.

Mortimer, Robert H.: *See*—
Winkler, De Loss E., and Mortimer.

Mosley, Carl E., Overland, assignor to W. N. Matthews Corporation, St. Louis, Mo. Switch. 2,448,615, Sept. 7.

Motycka, Arthur, Beaver, assignor to Pittsburgh Tube Company, Monaca, Pa. Pipe testing apparatus. 2,448,820, Sept. 7.

Mueller, Paul J., assignee, et al.: *See*—
Hart, Carl F.

Muller, Carl W., Osborn, Ohio. Automatic simulated two pointer glide path for ground training. 2,448,544, Sept. 7.

Munao, Carmelo C.: *See*—
Munao, Philip and C. C.

Munao, Philip and C. C., Brooklyn, N. Y. Artificial flame. 2,448,906, Sept. 7.

Murphy, John E., Denver, Colo. Bag holder. 2,448,821, Sept. 7.

Murray Corporation of America, The, assignee: *See*—
Haberstump, Alfred H.

Murray, Thomas F., Jr., and G. F. Sharrard, assignors to Eastman Kodak Company, Rochester, N. Y. Heat-sealing adhesive tape. 2,448,638, Sept. 7.

Myers, Robert P., and M. L. Speck, Baltimore, Md., assignors, by mesne assignments, to National Dairy Research Laboratories, Inc., New York, N. Y. Method of producing corn steep nutrient. 2,448,680, Sept. 7.

National Carbon Company, Inc., assignee: *See*—
Ramadanoff, Dimiter.

National Dairy Research Laboratories, Inc., assignee: *See*—
Myers, Robert P., and Speck.

National Drug Company, The, assignee: *See*—
Martin, Gustav J., and Avakian.

National Union Radio Corporation, assignee: *See*—
Schneider, Gerhard G., and Donohue.

Navy, United States of America, as represented by the Secretary of the, assignee: *See*—
Coffin, Francis P., Jr., Bothwell, and Crout.

Neher, Harry T.: *See*—
Croxall, Willard J., and Neher.

Nelson, Clifford H., Tujunga, Calif. Shoulder pad filler garment hanger. 2,448,726, Sept. 7.

Nicholas, Andrew J., North Haven, assignor to The Grenby Manufacturing Company, Plainville, Conn. Shipping container refrigerated by Dry Ice. 2,449,005, Sept. 7.

Nopco Chemical Company, assignee: *See*—
Licata, Francis J.

Northfield Iron Company, assignee: *See*—
Erickson, Carl E., and Zufelt.

Northwestern University, assignee: *See*—
Cashman, Robert J.

Norton Company, assignee: *See*—
Flygare, Carl G., and Alvord.
Sliven, Herbert A.

Nutter, Okey K., Jamaica, N. Y. Fish bite signal device. 2,448,681, Sept. 7.

N. V. Optische Industrie "De Oude Delft," assignee: *See*—
Bouwers, Albert.

Oakley, Thurman, Bellesville, and M. J. Westenhaver and R. E. Eggmann, East St. Louis, Ill., assignors to Electronic Tester of Gas Meters, Inc., St. Louis, Mo. Gas meter prover apparatus. 2,448,616, Sept. 7.

O'Daniel, John W., Newark, Del. Battle sled. 2,448,545, Sept. 7.

Oetzel, John G., assignor to Warner Electric Brake Manufacturing Company, Beloit, Wis. Solenoid with armature. 2,448,727, Sept. 7.

Omohundro, Arthur S., Temple City, Calif. Fishhook holder. 2,448,728, Sept. 7.

Ost, William R., Verona, N. J., assignor to Walworth Patents Inc., Boston, Mass. Pipe joint. 2,448,907, Sept. 7.

Owens, De Witt D., Crawfordsville, Iowa. Self-supporting, self-adjusting electric water heater. 2,448,617, Sept. 7.

Owens, Harry S.: *See*—
McCready, Rolland M., Owens, and Maclay.

Ozai-Durrani, Ataullah K., Stuttgart, Ark. Processing rice bran and rice polish. 2,448,729, Sept. 7.

Packard Motor Car Company, assignee: *See*—
McFarland, Forest R.

Pancotti, Roberto, Brooklyn, N. Y. Sound deflector for accordions. 2,448,682, Sept. 7.

Paraskevas, Louis, Washington, D. C. Skidless steel grip for auto tires. 2,448,730, Sept. 7.

Park, Arthur, Wheaton, Ill. Gripping means for game balls. 2,448,731, Sept. 7.

Parker, Louis W., Woodside, N. Y. Television receiver. 2,448,908, Sept. 7.

Parker, Robert P., Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Alkenoxy amino diphenylamines. 2,449,006, Sept. 7.

Parks & Woolson Machine Co., assignee: *See*—
Richardson, Charles G.

Patrick, Joshua, Detroit, Mich. Trap. 2,448,618, Sept. 7.

Pattison, Arthur H., assignor to Arthur Pattison Limited, Coventry, England. Flexible drive coupling. 2,448,732, Sept. 7.

Pattison, Arthur, Limited, assignee: *See*—
Pattison, Arthur H.

Paul, Frederick J., Fredonia, assignor to Huntley Manufacturing Company, Brocton, N. Y. Method and apparatus for separating peanuts from debris. 2,449,007, Sept. 7.

Pavelle Color Incorporated, assignee: *See*—
Rabinowitz, Jacob.

Payne, John W.: *See*—
Simpson, Thomas P., and Payne, and Valas.

Payne, Paul B.: *See*—
Kevin, Thomas D., and Payne.

Pecker, Joseph S., and H. A. Simpson, Philadelphia, Pa.; said Simpson assignor to said Pecker. Forming pressed articles from powders. 2,449,008, Sept. 7.

Peebles, David D., Hillsborough, and G. P. Hensley, assignors to Golden State Company, Ltd., San Francisco, Calif. Powder filling apparatus. 2,448,733, Sept. 7.

People in the territory of the United States, Dedicated to the free use of the: *See*—
Cupples, Homer L.
Fleck, Almer E., and Preston.

Permanente Metals Corporation, The, assignee: *See*—
Van Loenen, William F.

Peters, Carl, St. Louis, Mo. Muffler. 2,449,009, Sept. 7.

Peterson, James H., Oak Ridge, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide production. 2,448,683, Sept. 7.

Petrino, Sebastian A. Brooklyn N. Y. De-emulsification of water gas tar emulsions and oil gas tar emulsions. 2,448,684. Sept. 7.

Philco Corporation, assignee: *See*—
Johnson, Nels, and Bradley.

Phillips Petroleum Company, assignee: *See*—
Kelley, Carl S.
Latchum, John W., Jr.
Reading, George R., and Vinyard.

Phillips, Raymond L., Minneapolis, Minn. Bookholder for bedsteads. 2,448,734, Sept. 7.

Pigott, Reginald J S., Pittsburgh, and P. G. Exline, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for measuring force exerted by a resilient annulus. 2,448,735, Sept. 7.

Pinardi, Charles P., Dearborn, and H. L. Brock, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Power take-off drive unit. 2,448,822, Sept. 7.

Piskac, Yaro, and R. E. Smiley, Maple Heights, assignors by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Method of removing insulation from metallic electric conductors. 2,448,909, Sept. 7.

Pittsburgh Tube Company, assignee: *See*—
Motycka, Arthur.

Plemel, Lawrence M., and B. J. Abernathy, Jr., United States Navy. Portable recompression chamber. 2,448,546, Sept. 7.

Polan, Albert S., assignee, et al.: *See*—
Guttmann, Eric S.

Polan, Charles M., assignee, et al.: *See*—
Guttmann, Eric S.

Polan, E. G., assignee, et al.: *See*—
Guttmann, Eric S.

Polan, L. M., assignee, et al.: *See*—
Guttmann, Eric S.

Polan, Lake, Jr., assignee, et al.: *See*—
Guttmann, Eric S.

Popkin, Alexander H., Bronx, N. Y., assignor to Sun Chemical Corporation. Tribiphenolmethane dyestuff and and pigment dyestuffs and making the same. 2,448,823, Sept. 7.

Postal Advertising Corporation, assignee: *See*—
Zacharias, Erhard.

Pratt, Edward L., Pekin, Ill. Automatic electromagnetic automoblie door emergency latch. 2,448,619, Sept. 7.

Preston, Robert K.: *See*—
Fleck, Elmer E., and Preston.

Preusser, Henry M.: *See*—
Kester, Ernest B., and Preusser.

Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Rotary turbine-type hydraulic coupling. 2,448,824, Sept. 7.

Price, Nathan C., and H. A. Greenwald, Hollywood, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Turbine rotor. 2,448,825, Sept. 7.

Purdy, George W., Laurelton, N. Y. Coupling for rods, cables, and the like. 2,448,547, Sept. 7.

Purdy, George W., Laurelton, N. Y. Coupling. 2,448,548, Sept. 7.

Rabinowitz, Jacob, Brooklyn, assignor to Pavelle Color Incorporated, New York, N. Y. Photographic shutter operating and control mechanism. 2,448,736, Sept. 7.

Radio Corporation of America, assignee: *See*—
Crosby, Murray G.
Hansell, Clarence W.
Hillier, James and Baker.
Knauf, Harry V., Jr.
Smith, James E.

Ramadanoff, Dimiter, Cleveland, Ohio, assignor to National Carbon Company, Inc. Electrical contact brush. 2,448,685, Sept. 7.

Rapp, Wilhelm: *See*—
Hopff, Heinrich, and Rapp.

Raybestos-Manhattan, Inc.: *See*—
Kuzmick, Joseph N., and Bell.

Raytheon Manufacturing Company, assignee: *See*—
Gross, Thomas A. O.
Stutsman, Paul W.

Reading, George R., and R. E. Vinyard, Phillips, Tex., assignors to Phillips Petroleum Company. Recovery of hydrogen fluoride by distillation with an olefin. 2,448,620, Sept. 7.

Reamer, Thomas E., Albany, assignor to Shell Development Company, San Francisco, Calif. Chlorinated paraffin wax amines for controlling fungi and bacteria. 2,448,910, Sept. 7.

Reaser, Wilbar W., Pacific Palisades, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Aircraft heating and deicing system. 2,448,826, Sept. 7.

Reconstruction Finance Corporation, assignee: *See*—
Mahoney, Charles H., Lee, and Tarr, and Le Grand, McArthur, Warren.

Reder, Emil E., Jr., Chicago, Ill. Sectional match plate. 2,448,827, Sept. 7.

Reed, Carl S.: *See*—
Schutte, August H., and Reed.

Reed, Carl S., New York, and A. H. Schutte, Tuckahoe, assignors to The Lummus Company, New York, N. Y. Apparatus for catalytic conversion of hydrocarbon vapors. 2,448,549, Sept. 7.

Reed, Carl S., New York, and A. H. Schutte, Hastings on Hudson, assignors to The Lummus Company, New York, N. Y. Heat recovery system for catalytic conversion processes. 2,448,550, Sept. 7.

Reid, John O., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Stopper press die. 2,448,911, Sept. 7.

Reisenweber, William F., Newark, S. Dak. Combine harvester and straw buncher. 2,448,737, Sept. 7.

Renfrew, Malcolm M.: *See*—
Fletcher, David A., and Renfrew.

Renfrew, Malcolm M., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photopolymerization. 2,448,828, Sept. 7.

Ress, Thomas I., and J. W. Lang, Jr., assignors to De Vry Corporation, Chicago, Ill. Overrunning clutch. 2,448,912, Sept. 7.

Rice, William J., Brooklyn, N. Y. Composition containing talloil resins. 2,448,621, Sept. 7.

Richard, Bernard O., Hillsdale, assignor to Allied Products Corporation, Detroit, Mich. Chuck or workholder. 2,448,738, Sept. 7.

Richardson, Charles G., assignor to Parks & Woolson Machine Co., Springfield, Vt. Loop cutting mechanism. 2,448,686, Sept. 7.

Rickmeyer, Ernst W., Berkeley, assignor to Jefferson Electric Company, Bellwood, Ill. Liquid and gas transfer in mercury switches. 2,448,687, Sept. 7.

Riggs, Herbert F.: *See*—
Solliday, Raymond E., and Riggs.

Rizer, Floyd R., Detroit, Mich. Lighting torch. 2,448,622, Sept. 7.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tuft cutting mechanism for Axminster looms. 2,448,829, Sept. 7.

Robbins, Joseph J., New York, and R. T. Blakely, Amityville, assignors to International Business Machines Corporation, New York N. Y. Record sensing and comparing means. 2,448,830, Sept. 7.

Roberts, Earl J., and J. A. Ambler, New Orleans, La., and A. L. Curl, Winter Haven, Fla., assignors to the United States of America as represented by the Secretary of Agriculture. Production of itaconic acid. 2,448,831, Sept. 7.

Roberts, Frederick H.: *See*—
Fife, Harvey R., and Roberts.

Roberts, John, San Francisco, Calif. Valve. 2,448,913, Sept. 7.

Robertshaw-Fulton Controls Company, assignee: *See*—
Weber, Victor.

Robey, Richard F., Cranford, J. Fedirko, Elizabeth, and A. E. Barnett, Westfield, N. J., assignors to Standard Oil Development Company. Stabilizing hydrocarbons. 2,449,010, Sept. 7.

Rockwell Manufacturing Company, assignee: *See*—
Johnson, Charles B.

Röhm & Haas Company, assignee: *See*—
Croxall, Willard J., and Neher.

Rose, Charles F. P., Asbury Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Duplex switch with leakage compensation. 2,448,623, Sept. 7.

Ross, Donald S., Moclips, Wash. Pin anchored electric outlet and switch. 2,448,832, Sept. 7.

Ross, John, Ramsey, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Bromination of unsaturated organic compounds. 2,448,739, Sept. 7.

Roth, Fred, Brooklyn, N. Y. Cigarette ejecting device. 2,448,914, Sept. 7.

Rousseau, Leo J., Grosse Pointe, assignor, by mesne assignments, to Minit-Man, Inc., Detroit, Mich. Motor vehicle drying apparatus. 2,448,834, Sept. 7.

Royer, Marcel, St. Eustache sur le Lac, Quebec, Canada. Apparatus for mounting a roller in a cavity in a member. 2,448,833, Sept. 7.

Rubber Stichting, assignee: *See*—
Koningsberger, Carel.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Foundry core or mold and making same. 2,448,624, Sept. 7.

Ryde, John L.: *See*—
McCulloch, Robert P., and Ryde.

Ryerson, Theodore M., assignee: *See*—
Collins, Calhoun.

Ryther, Thomas W., St. Louis, Mo. Combination salt-and-pepper shaker. 2,448,625, Sept. 7.

Sargent & Company, assignee: *See*—
Shaw, Herbert G.

Sargisson, Robert L.: *See*—
Wood, Fredric E., Glenger, Decker, and Sargisson.

Scalera, Mario, Somerville, and A. W. Joyce, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Producing acylamino dianthrimide acridones. 2,449,011, Sept. 11.

Schaeffer, Benjamin B., Upper Darby, Pa., assignor to United States of America as represented by the Secretary of Agriculture. Alkylol amine salts of hydroxy fatty acids and process for their preparation. 2,448,626, Sept. 7.

Schaffner, Claude, New Haven, Conn. Dress pattern marker. 2,448,627, Sept. 7.

Schaller, Leo N., Corning, N. Y. Paint can hanger. 2,448,628, Sept. 7.

Schefe, Frederick K., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Apparatus for continuously processing strips. 2,448,835, Sept. 7.

Schelwer, Albert T., Erie, Pa. Coupling. 2,448,688, Sept. 7.

Schell, Homer L.: *See*—
Weesner, Carl W., Lemingwell, Babylon, and Schell.

Schideler, Pierre, New York, N. Y., and C. P. Davis, Stamford, Conn., assignors to Chemical Construction Corporation, New York, N. Y. Manufacture of hexamethylene tetramine. 2,449,040, Sept. 7.

Schley, Thomas E., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pipe exchanger scraper. 2,449,012, Sept. 7.

Schmid, Arthur W., Brookside Farm, Pa. Apparatus for feeding glass. 2,448,915, Sept. 7.

Schmidt, Benjamin F., Los Angeles, Calif. Knife sharpener. 2,448,629, Sept. 7.

Schneider, Gerhard G., and F. L. Donohue, Maplewood, assignors to National Union Radio Corporation, Newark, N. J. Heater folding machine. 2,448,916, Sept. 7.

Schnyder, Auxilius P., Teaneck, N. J. Debarking apparatus. 2,448,689, Sept. 7.

Schon, William K., assignor to Lear Incorporated, Piqua, Ohio. Universal coupling for linear actuators. 2,448,917, Sept. 7.

Schonfeld, Simon C., Youngstown, Ohio. Combined mirror and cabinet. 2,448,836, Sept. 7.

Schroeder, Simon E., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis. Grinding machine. 2,448,551, Sept. 7.

Schulze, Ferdinand, Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements having light-sensitive and water-insoluble vinylpyridine polymer layers. 2,448,552, Sept. 7.

Schutte, August H.: *See*—
Reed, Carl S., and Schutte.

Schutte, August H., Hastings-on-Hudson, and C. S. Reed, assignors to The Lummus Company, New York, N. Y. Process for recycling catalyst fines in a catalyst conversion system. 2,448,553, Sept. 7.

Schutz, Robert R., Roseville, Calif. Fruit picking tower. 2,448,630, Sept. 7.

Schwartz, Fernand F., Santiago, Chile. Preparing stable colloidal solutions of metal sulfides. 2,448,740, Sept. 7.

Scott, William M., Jr., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker-hold-in mechanism. 2,449,013, Sept. 7.

Scott, William W., and A. Lutz, Chicago, Ill., assignors to American Cystoscope Makers, Inc. Endoscopic surgical instrument. 2,448,741, Sept. 7.

Selak, Frank L., Albia, Iowa. Power hay buck. 2,448,631, Sept. 7.

Sessions, Frank L., Lakewood, Ohio. Pellet container and selector. 2,448,918, Sept. 7.

Shaffer, Stewart, Muncie, Ind., assignor to Ball Brothers Company. Container closure. 2,449,014, Sept. 7.

Sharon Steel Corporation, assignee: *See*—
Weesner, Carl W., Leffingwell, Babylon, and Schell.

Sharples Chemicals Inc., assignee: *See*—
Barham, Harold N.

Sharrard, George F.: *See*—
Murray, Thomas F., Jr., and Sharrard.

Shaw, Herbert G., Derby, assignor to Sargent & Company, New Haven, Conn. Rabbet plane. 2,449,015, Sept. 7.

Sheffield Corporation, The, assignee: *See*—
Aller, Willis F.

Shell Development Company, assignee: *See*—
Reamer, Thomas E.
Winkler, De Loss E., and Mortimer.

Shulman, Louis, New York, N. Y. Strapless brassière. 2,448,919, Sept. 7.

Shurts, Wilbur F.: *See*—
Black, James B., and Shurts.

Siberts, Carl E., Jackson, Miss. Baseball game. 2,448,837, Sept. 7.

Silberstein, George P., assignor to Eastman Kodak Company, Rochester, N. Y. Collapsible view finder. 2,448,920, Sept. 7.

Sliven, Herbert A., assignor to Norton Company, Worcester, Mass. Hydraulically operated feeding mechanism. 2,448,921, Sept. 7.

Simopoulos, Nicholas T., Dayton, Ohio. Ultra high frequency tuning unit. 2,448,554, Sept. 7.

Simpson, Henry A.: *See*—
Pecker, Joseph S., and Simpson.

Simpson, Thomas P., and S. C. Eastwood, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Continuous cracking process. 2,448,922, Sept. 7.

Simpson, Thomas P., J. W. Payne, and P. D. Valas, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Activation of petroleum adsorbents. 2,449,016, Sept. 7.

Skolnik, Max, Chicago, Ill. Casket and making the same. 2,448,923, Sept. 7.

Slotterbeck, Ober C.: *See*—
Morrell, Charles E., and Slotterbeck.

Smiler, Jacob M., Philadelphia, Pa. Hassock. 2,449,017, Sept. 7.

Smiley, Raymond E.: *See*—
Piskac, Yaro, and Smiley.

Smith, Arthur E., Darling Point, Sidney, New South Wales, Australia. Suction mold. 2,448,632, Sept. 7.

Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulated electrical conductor. 2,448,633, Sept. 7.

Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,449,018, Sept. 7.

Smith, Elmore S., assignor to Moffats Limited, Weston, Ontario, Canada. Electric heating apparatus. 2,448,634, Sept. 7.

Smith, James E., Jackson Heights, N. Y., assignor to Radio Corporation of America. Echo reducing circuit for television receivers. 2,448,635, Sept. 7.

Smith, John P., Verona, assignor to Daven Company, Newark, N. J. Attenuator. 2,449,019, Sept. 7.

Smith, Warren R., Crown Point, N. Y. Bed rest. 2,448,924, Sept. 7.

Smith-Clarke, George T., and A. F. Varney, assignors to Alvis Limited, Coventry, England. Built-up crankshaft. 2,448,742, Sept. 7.

Societe D'Electro-Chimi, D'Electro-Metallurgie et des Acieries Electriques d'Ugine, assignee: *See*—
Greffe, André.

Societe Genevoise D'Instruments De Physique, assignee: *See*—
Koulicovitch, Maurice.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Schley, Thomas E.
Simpson, Thomas P., and Eastwood.
Simpson, Thomas P., Payne, and Valas.

Sohnlein, Fred W., assignor of one-half to G. M. Bowman, San Diego, Calif. Closure for containers. 2,448,838, Sept. 7.

Sola, Joseph G., River Forest, assignor, by mesne assignments, to Chicago Title and Trust Company, Chicago, Ill. Motor system using voltage regulating transformer. 2,448,925, Sept. 7.

Solliday, Raymond E., and H. E. Riggs, assignors to Wingfoot Corporation, Akron, Ohio. Cord processing apparatus. 2,448,743, Sept. 7.

Sorensen, Edward M., deceased, Dayton, Ohio; H. S. Sorensen, administratrix. Automatic radio range control for flight trainers. 2,448,555, Sept. 7.

Sorensen, Helen S., administratrix: *See*—
Sorensen, Edward M.

Southern Shell Fish Company, Inc., assignee: *See*—
Ganucheau, James J.

Speakman Company, assignee: *See*—
Fraser, James.

Speck, Marvin L.: *See*—
Myers, Robert P., and Speck.

Sperry Corporation, The, assignee: *See*—
Antony, Charles, Jr., and Mannheimer.
Wilkerson, Jefferson R.

Spraragen, Louis, assignor to Automatic Locking Devices, Incorporated, Bridgeport, Conn. Power drive. 2,449,020, Sept. 7.

Sprung, Murray M., Scotia, and C. A. Burkhard, Alplaus, N. Y., assignors to General Electric Company. Synthetic elastic and elastomeric products. 2,448,556, Sept. 7.

Stack, Emmet G., Marshfield, Oreg. Prefabricated double wall structure. 2,448,926, Sept. 7.

Stahl, Maurice D., assignor to The Hoover Company, North Canton, Ohio. Dynamoelectric machine. 2,449,021, Sept. 7.

Stahl, William F., Kenilworth, assignor to Libertyville Textiles, Inc., Libertyville, Ill. Rug. 2,448,928, Sept. 7.

Stalker, Edward A., Bay City, Mich. Fuel system for aircraft power plants for aircraft propulsion and boundary layer air control. 2,449,022, Sept. 7.

Standard Oil Development Company, assignee: *See*—
Bruce, William A.
Connolly, Gerald C.
Given, Richard A., and Craft.
Mikeska, Louis A., and Arundale.
Morrell, Charles E., and Slotterbeck.
Robey, Richard F., Fedriko, and Barnett.
Van Gilder, Carll F.
Voorhies, Alexis, Jr.

Stator Corporation, assignee: *See*—
Gulick, Russell A.

Staud, Cyril J.: *See*—
Carroll, Burt H., and Staud.

Stearns-Roger Manufacturing Company, The, assignee: *See*—
Mason, John E.

Steigerwald, Libera L., Chicago, Ill. Strap extender. 2,448,839, Sept. 7.

Stephens, William T., Painesville, assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Control valve with operating position hold. 2,448,557, Sept. 7.

Stewart, Byron, Columbus, Ohio. Dental amalgamator. 2,448,840, Sept. 7.

Stockfleth, Alfred: *See*—
Happoldt, William B., Jr., and Stockfleth.

Stockstiel, Clinton L., assignee: *See*—
Zidbeck, Ernest E.

Stodola, Edwin K., Neptune, N. J. Modulation networks. 2,448,558, Sept. 7.

Stokes, Edward A., assignor to Vokes Limited, Guildford, England. Porous filter. 2,448,930, Sept. 7.

Storm, Herbert F., West Allis, Wis., assignor to Sunbeam Corporation. Apparatus for bonding wear-resistant facing elements to machine elements. 2,448,690, Sept. 7.

Struckmann, Holger, Riverside, Calif. Conveying pulverized material. 2,448,745, Sept. 7.

Strader, Spencer R., Hanford, Calif. Tractor-trailer coupling device. 2,448,744, Sept. 7.

Stutsman, Paul W., Needham, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electron discharge tube. 2,448,559, Sept. 7.

Sun Chemical Corporation, assignee: *See*—
Popkin, Alexander H.

Sunbeam Corporation, assignee: *See*—
Storm, Herbert F.

Sundeen, Ray A., Valparaiso, Ind. Adjustable scaffold. 2,448,746, Sept. 7.

Super Mold Corporation of California, assignee: *See*—
Glynn, Edwin A.

Surk, Frank J., Menominee, Mich. Cable splicing vise. 2,448,636, Sept. 7.

Swain, Frank E., Ewell, assignor of one-half to D. Darby, Northwood, Middlesex, England. Pipe coupling. 2,448,747, Sept. 7.

Swanson, Carl O., Minneapolis, Minn. Self-cleaning door mat. 2,448,931, Sept. 7.

Swanson, Ethel, assignee: *See*—
Swanson, Eva C.

Swanson, Eva C., assignor to E. Swanson, Detroit, Mich. Drapery hook. 2,448,637, Sept. 7.

Swift and Company, assignee: *See*—
Trelease, Richard D., and Konnz.

Tarkington, Raife G.: *See*—
Lowe, Wesley G., and Tarkington.

Tarr, Allan L.: *See*—
Mahoney, Charles H., Lee, Tarr, and Le Grand.

Taylor, Ellen G., Miami, Fla. Electric switch. 2,448,841, Sept. 7.

Taylor, Frank W., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic method and apparatus. 2,448,691, Sept. 7.

Technicolor Motion Picture Corporation, assignee: *See*—
Taylor, Frank W.

Tector, Macy O., New Castle, Ind. Magnetic block. 2,448,692, Sept. 7.

Texas Company, The, assignee: *See*—
Barber, Everett M., and Malin.

Thayer Company, assignee: *See*—
Troendle, William C.

Theowick Company, assignee: *See*—
Wickwire, Theodore H., Jr.

Thulstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Record-controlled printing apparatus. 2,448,842, Sept. 7.

Thomas, Charles M., St. Louis, Mo. Piston device. 2,448,932, Sept. 7.

Thomas, Henry E., Vallejo, Calif. Automatic power factor controller. 2,448,843. Sept. 7.

Thomas, Percival E., assignor to Sterling Industries Limited, London, England. Change-over mechanism for fluid-flow systems. 2,448,933, Sept. 7.

Thoreson, Theodore, Wausaw, Wis. Collar clasp. 2,448,845, Sept. 7.

Thornton, Alfred E., assignor to Thos. Firth & John Brown Limited, Sheffield, England. Austenitic alloy steels. 2,449,023, Sept. 7.

Throsel, Harry E., Waukegan, Ill. Engine starting device. 2,448,844, Sept. 7.

Tide Water Associated Oil Company, assignee: *See*—
Zellner, Carl N.

Timken Roller Bearing Company, The, assignee: *See*—
Bowen, Cedric A.

Traylor Engineering & Mfg. Co., assignee: *See*—
Cheesman, Richard D.

Trelease, Richard D., and C. H. Koons, assignors to Swift and Company, Chicago, Ill. Eviscerating method and apparatus. 2,448,693, Sept. 7.

Trochim, Marie L., Portland, Oreg. Liquid dispensing device. 2,448,846, Sept. 7.

Troendle, William C., assignor to Thayer Company, Gardner, Mass. Safety stand. 2,449,024, Sept. 7.

Trojan Powder Company, assignee: *See*—
Wyler, Joseph A.

Turner, William R., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Rust-inhibiting lubricant. 2,449,025, Sept. 7.

Twin Disc Clutch Company, assignee: *See*—
Black, James B., and Shurts.

Tyler, Paul J., assignee, et al.: *See*—
Lawler, Frank P.

Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Electric welding apparatus. 2,448,694, Sept. 7.

Union Special Machine Company, assignee: *See*—
Cook, Marvin L.
Smith, Clarence C.

Union Switch & Signal Company, The, assignee: *See*—
Allen, Earl M.

Unruh, Cornelius C.: *See*—
Kenyon, William O., and Unruh.

Upham, Sidney D.: *See*—
Moos, Anthony M., and Upham.

Upham, Sidney D., Pearl River, assignor ot American Cyanamid Company, New York, N. Y. Riboflavin solutions. 2,449,041, Sept. 7.

Valas, Peter D.: *See*—
Simpson, Thomas P., Payne, and Valas.

Van Derhoef, Henry E., Rochester, N. Y., and M. P. Davis, Sarasota, Fla., assignors to Eastman Kodak Company, Rochester, N. Y. Slitting machine. 2,448,934, Sept. 7.

Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Sliding door lock. 2,448,748, Sept. 7.

Van Dusen, Charles H., Jr. Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Treated planographic printing plate. 2,448,749, Sept. 7.

Van Dyke, Edward E., Sherman Oaks, and K. Kerr, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Control cable for aircraft. 2,448,847, Sept. 7.

Van Gilder, Carll F., Roselle, N. J., assignor to Standard Oil Development Company. Preparing salts of alkyl phenol sulfides. 2,449,026, Sept. 7.

Van Gundy, Charlie E.: *See*—
Love, Homer, Britain, Langton, and R. E. and C. E. Van Gundy.

Van Gundy, Ralph E.: *See*—
Love, Homer, Britain, Langton, and R. E. and C. E. Van Gundy.

Vanlaer, Pierre G. E. A., Le Cannet-Rocheville, Alpes-Maritimes, France. Sectional weaving loom. 2,448,935, Sept. 7.

Van Loenen, William F., Los Altos, Calif., assignor, by mesne assignments, to The Permanente Metals Corporation. Electrophoretic separating apparatus. 2,448,848, Sept. 7.

Van Ryan, Anthony, South Milwaukee, Wis., assignor to Line Material Company. Circuit breaker. 2,448,695, Sept. 7.

Van Wert, Charles H., Chatham, N. J. Adjustable eaves trough support. 2,448,750, Sept. 7.

Van Vandt, Claiborne C., Oconomowoc, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Step bearing for gyratory crushers. 2,448,936, Sept. 7.

Varney, Arthur F.: *See*—
Smith-Clarke, George T., and Varney.

Vickers-Armstrongs Limited, assignee: *See*—
Wilkins, Herbert C.

Vinyard, Roy E.: *See*—
Reading, George R., and Vinyard.

Vokes Limited, assignee: *See*—
Stokes, Edward A.

Volkel Bros. Machine Works, assignee: *See*—
Volkel, Frank G.

Volkel, Frank G., assignor to Volkel Bros. Machine Works, Los Angeles, Calif. Record edging lathe. 2,448,751, Sept. 7.

Voorhies, Alexis, Jr., East Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,449,027, Sept. 7.

Wachsman, Michael, Brooklyn, N. Y. Fabric contacting circuit closer for knitting machines. 2,448,639, Sept. 7.

Wagner, Harold H., Cincinnati, Ohio, and E. G. Magnus, assignors to The W. J. Fitzpatrick Company, Chicago, Ill. Rotor construction for comminuting and mixing machines. 2,448,849, Sept. 7.

Wagner, Simon P., Rockville, Md. Fishing rod holder. 2,448,752, Sept. 7.

Waldie, George A.: *See*—
MacMillin, Howard F., and Waldie.

Walker, Isaac F., Hockessin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comminuting impure DDT. 2,449, 028, Sept. 7.

Walker, Robert O., Hartsdale, N. Y. Forming screens for the reception of projected images. 2,448,560, Sept. 7.

Walliser, Robert E., assignor, by mesne assignments, to Libertyville Textiles, Inc., Libertyville, Ill. Loom. 2,448,929, Sept. 7.

Walsh, Edwin P., assignee: *See*—
Way, Stewart.

Walter, George L., Los Angeles, Calif. Neon light. 2,448,937, Sept. 7.

Walworth Patents Inc., assignee: *See*—
Ost, William R.

War, United States of America as represented by the Secretary of, assignee: *See*—
Moore, James R.

Warner Electric Brake Manufacturing Company, assignee: *See*—
Oetzel, John G.

Way, Stewart, Churchill Borough, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. 2,448,561, Sept. 7.

Way, Stewart, Churchill Borough, and E. P. Walsh, Boothwyn, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,448,562, Sept. 7.

Wayne, Anthony, New York, N. Y. Sanitary protective appliance. 2,448,938, Sept. 7.

Wean, Lincoln E., Philadelphia, Pa., and L. J. McCarty, Merchantville, N. J. Current-regulating plug and socket. 2,449,029, Sept. 7.

Weber, Victor, Greensburg, Pa., assignor to Robertshaw-Fulton Controls Company. Brush holder for electric motors. 2,448,850, Sept. 7.

Weesner, Carl W., Warren, Ohio, and W. B. Leffingwell, Sharon, E. R. Babylon, New Wilmington, and H. L. Schell, assignors to Sharon Steel Corporation, Sharon, Pa. Heat-treating and cold-rolling Hadfield manganese steel. 2,448,753, Sept. 7.

Welbel, Emil, Paterson, N. J. Garment hanger. 2,448,754, Sept. 7.

Weinreich, George: *See*—
Clare, Carl P., and Weinreich.

Weissberger, Arnold, C. J. Kibler, and R. V. Young, assignors to Eastman Kodak Company, Rochester, N. Y. Thioglycolic amide couplers. 2,448,939, Sept. 7.

Westenhaver, Marion J., et al.: *See*—
Oakley, Thurman, Westenhaver, and Eggmann.

Western Electric Company, Incorporated, assignee: *See*—
Aamot, Sven.
Arthur, Harry J., and McCrory.
Smith, Charles C.

Westinghouse Electric Corporation, assignee: *See*—
Way, Stewart.
Way, Stewart, and Walsh.

Weston, Cornelius F., Santa Monica, Calif. Wax caster. 2,448,640, Sept. 7.

Wetzel, Philip, Houston, Tex. Garbage can holder. 2,448,563, Sept. 7.

Wharam, John J., Dearborn, and F. G. Loon, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Steering linkage. 2,448,851, Sept. 7.

Wheelon, Orville A.: *See*—
Adams, Harold W., and Wheelon.

White, S. S., Dental Manufacturing Company, assignee: *See*—
Angell, Robert C.

Whitman, Gerald M., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylation of cyclic unsaturated hydrocarbons using alkali metal catalyst. 2,448,641, Sept. 7.

Whittemore, A. J., & Sons, Inc., assignee: *See*—
Whittemore, Robert Y.
Whittemore, Robert Y., assignor to A. J. Whittemore & Sons, Inc., Burlington, N. C. Machine for making protective sleeves. 2,448,940, Sept. 7.
Wiancko, Thomas H.: *See*—
Biot, Maurice A., and Wiancko.
Wickwire, Hedge, assignee, et al.: *See*—
Wickwire, Theodore H., Jr.
Wickwire, Roma A., assignee, et al.: *See*—
Wickwire, Theodore H., Jr.
Wickwire, Sophie H., assignee, et al.: *See*—
Wickwire, Theodore H., Jr.
Wickwire, Theodore H., Jr., Ardmore, assignor to T. H. Wickwire, Jr., S. H. Wickwire, R. A. Wickwire, and H. Wickwire, co-partners doing business as Theowick Company, Philadelphia, Pa. Fabricating welded wire fabric. 2,448,941, Sept. 7.
Wilburn, Frank, Burbank, Calif. Tuner. 2,448,642, Sept. 7.
Wilkerson, Jefferson R., Bayside, N. Y., assignor to The Sperry Corporation. Motor control circuits. 2,448,564, Sept. 7.
Wilkins, Herbert C., Dalton-in-Furness, assignor to Vickers-Armstrongs Limited, London, England. Revolution counter adapted to operate over variable predeterminable periods of time. 2,448,643, Sept. 7.
Williams, Ray C., Holland, Ohio. Golf ball retriever. 2,448,644, Sept. 7.
Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Hardness tester. 2,448,645, Sept. 7.
Wilsey, Irven H., deceased, Chicago, Ill.; R. A. Wilsey, executrix. Target practice apparatus. 2,449,030, Sept. 7.
Wilsey, Ruth A., executrix: *See*—
Wilsey, Irven H.
Wilson, Charles V.: *See*—
Allen, Charles F. H., Wilson, and Frame.
Wingfoot Corporation, assignee: *See*—
Clifford, Albert M.
Hardman, Albert F.
Lichty, Joy G.
Mallory, Gerald D.
Solliday, Raymond E., and Riggs.
Winkler, De Loss E., and R. H. Mortimer, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Alkylation of phenolic compounds. 2,448,942, Sept. 7.
Wisniewski, John M., Prattsburg, N. Y. Bearing seal. 2,448,646, Sept. 7.
Wolff, Ivan, New York, N. Y. Wrist watch band. 2,448,943, Sept. 7.
Wood, Fredric E., McHenry, F. Glenger, Highland Park, E. Decker, Chicago, and R. L. Sargisson, Berwyn, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Calling device. 2,448,647, Sept. 7.
Woodson, James M., Greenwood, Va. Brake cable adjuster. 2,449,031, Sept. 7.
Woodward, Robert L., Jr., Nashville, Tenn. Unloading device for mobile tractors. 2,448,944, Sept. 7.
Worldsbest Industries, Inc., assignee: *See*—
Bothe, Werner H.
Wright, James G. E., Alplaus, and C. S. Oliver, Schenectady, N. Y., assignors to General Electric Company. Dimethyl silicon elastomers and preparing the same. 2,448,565, Sept. 7.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Obtaining dipentaerythritol from mixtures containing the same. 2,448,566, Sept. 7.
Yackel, Edward C.: *See*—
Kenyon, William O., and Yackel.
Yates, Olen H., Pontiac, Mich. Playing bar. 2,449,032, Sept. 7.
Young, Richard V.: *See*—
Weissberger, Arnold, Kibler, and Young.
Youngiove, David, Ilion, N. Y. Antiskid tire clamp. 2,449,033, Sept. 7.
Zacharias, Erhard, assignor to Postal Advertising Corporation, New York, N. Y. Combined mailbox and illuminated sign. 2,448,945, Sept. 7.
Zbrszovka Brno Narodni Podnik, assignee: *See*—
Kouckỳ, Josef and F.
Zellner, Carl N., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Preparing 1,4-dicyano butene-2 from corresponding halogen compounds. 2,448,755, Sept. 7.
Zenith Optical Company: *See*—
Guttmann, Eric S.
Zideck, Ernest E., Pontiac, assignor of one-half to C. L. Stockstiel, Wayne County, Mich. Solar water heater. 2,448,648, Sept. 7.
Zimmerman, Herman W., deceased, North Newington, Conn.; S. V. M. Zimmerman, administratrix. Torque tool with ratchet signal. 2,449,034, Sept. 7.
Zimmerman, Sylvia V. M., administratrix: *See*—
Zimmerman, Herman W.
Zisman, William A., Washington, D. C., and G. M. Hain, United States Navy. Grease compositions. 2,448,567, Sept. 7.
Zufelt, Frederick L.: *See*—
Erickson, Carl E., and Zufelt.
Zwillinger, Max, and S. G. Hall, Washington, D. C. Apparatus and method for rectifying and projecting aerial photographs. 2,488,568, Sept. 7.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 7TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Paste, spotting. L. Adler. Re. 23,037, Sept. 7.

LIST OF DESIGN INVENTIONS

Bank, Child's. K. H. Stovner. 150,896, Sept. 7.
Base for a lipstick holder. R. C. Jones. 150,863, Sept. 7.
Bed unit, Nursery. A. M. Bleich. 150,822, Sept. 7.
Bottle. H. Rubin. 150,890–1, Sept. 7.
Bracelet or similar article. A. Katz. 150,864, Sept. 7.
Brooch or similar article. A. Katz. 150,865–6, Sept. 7.
Brooch or similar article. A. Katz. 150,868–9, Sept. 7.
Brooch or similar article. A. Philippe. 150,884, Sept. 7.
Brooch or the like. T. J. Manry. 150,880, Sept. 7.
Brooch pin or similar article. S. Hobe. 150,855–9, Sept. 7.
Brush, Hand and nail. F. Wagner. 150,913, Sept. 7.
Cabinet for space heaters or the like. C. S. Greer, Jr. 150,846–50, Sept. 7.
Candle, Personalized birthday. L. Lion. 150,879, Sept. 7.
Chair. W. C. Ross. 150,886, Sept. 7.
Chest or similar article. A. J. Buckner. 150,823, Sept. 7.
Clock. E. M. Fenenbock. 150,832, Sept. 7.
Coat. J. F. Strassner. 150,909, Sept. 7.
Communications unit or the like. L. J. Hruska and W. W. Garhutt. 150,861, Sept. 7.
Compact and scent spray, Combined. R. Bugbee. 150,826, Sept. 7.
Container for liquid cosmetics. M. Herrera, Jr. 150,854, Sept. 7.
Cooky. W. O. Forrer. 150,834–45, Sept. 7.
Credenza or similar article. A. J. Buckner. 150,824–5, Sept. 7.
Desk and bookcase, Combined. P. L. Peterson. 150,883, Sept. 7.
Dispenser, Beverage. A. R. Burgess. 150,827, Sept. 7.
Dispensing device for collapsible tube. W. E. Richardson. 150,885, Sept. 7.
Dolly or the like, Crocheted. M. R. Craig. 150,828, Sept. 7.
Drawer pull and label holder, Combined. G. S. Underwood. 150,912, Sept. 7.
Dress. J. F. Strassner. 150,897–908, Sept. 7.
Dress ensemble. J. F. Strassner. 150,910, Sept. 7.
Fixture, Lighting. C. A. Duepner. 150,830–1, Sept. 7.
Fixture, Lighting. E. F. Guth and E. C. Koegel. 150,853, Sept. 7.
Frame, Sewing machine. M. McCann. 150,882, Sept. 7.
Frame, Spectacle. V. Tanasso. 150,911, Sept. 7.
Game counting board. L. F. Stewart. 150,895, Sept. 7.
Glasses, Sun. L. M. Flagg. 150,833, Sept. 7.
Hair ornament, Carded two-piece. J. Jackson. 150,862, Sept. 7.
Handbag. J. I. Horner. 150,860, Sept. 7.
Handbag, Lady's. A. Konelsky. 150,878, Sept. 7.
Handbag, or similar article. J. S. Singer. 150,893, Sept. 7.
Holder, Comb. A. J. Gurczak. 150,852, Sept. 7.
Holder, Telephone. R. B. Bianchi. 150,821, Sept. 7.
Holder, Tube and toothbrush. J. W. Doucette. 150,829, Sept. 7.
Inkwell, Desk set. R. A. May and H. E. Steinberg. 150,881, Sept. 7.
Jewelry finding. A. Katz. 150,876, Sept. 7.
Key or the like. W. F. Rothe. 150,887–9, Sept. 7.
Lamp or the like. I. Sacks. 150,892, Sept. 7.
Link for a bracelet or similar article. A. Katz. 150,877, Sept. 7.
Necklace or similar article. A. Katz. 150,867, Sept. 7.
Necklace or similar article. A. Katz. 150,870–5, Sept. 7.
Necktie, Pleated. J. B. Grinoch. 150,851, Sept. 7.
Projector, Picture. H. Wolfer and M. Marder. 150,914, Sept. 7.
Rocking chair or similar article, Folding. H. A. Smith. 150,894, Sept. 7.
Support, Light fixture. E. G. Anderson. 150,820, Sept. 7.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 7TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive products, Manufacture of. J. N. Kuzmick and D. Bell. 2,448,985, Sept. 7.
Acid derivatives, Dithio. A. F. Hardman. 2,448,714, Sept. 7.
Acid, Production of itaconic. J. A. Ambler and A. L. Curl. 2,448,506, Sept. 7.
Acid, Production of itaconic. E. J. Roberts, J. A. Ambler, and A. L. Curl. 2,448,831, Sept. 7.
Acids, Isolating low-methoxyl pectinic. R. M. McCready, H. S. Owens, and W. D. Maclay. 2,448,818, Sept. 7.
Activation of petroleum adsorbents. T. P. Simpson, J. W. Payne, and P. D. Valas. 2,449,016, Sept. 7.
Acylamino dianthrimide acridones, Producing. M. Scalera and A. W. Joyce. 2,449,011, Sept. 7.
Adhesive tape, Heat-sealing. T. F. Murray, Jr., and G. F. Sharrard. 2,448,638, Sept. 7.
Adjustable eaves trough support. C. H. Van Wert. 2,448,750, Sept. 7.
Adjustable reclining chair. C. Collins. 2,448,860, Sept. 7.
Air heater having reverted expanding combustion chamber. W. Holbrook. 2,448,595, Sept. 7.
Air supply and control means for furnaces, Forced draft. H. P. Katz. 2,448,891, Sept. 7.
Aircraft heating and deicing system. W. W. Reaser. 2,448,826, Sept. 7.
Alkylation of phenolic compounds. D. E. Winkler and R. H. Mortimer. 2,448,942, Sept. 7.
Alloy steels, Austenitic. A. E. Thornton. 2,449,023, Sept. 7.
Alloys, Grain refining magnesium. C. H. Mahoney, H. C. Lee, A. R. Tarr, and P. E. Le Grand. 2,448,993, Sept. 7.
Animal trap. C. W. Crumrine. 2,448,780, Sept. 7.
Attenuator. J. P. Smith, Jr. 2,449,019, Sept. 7.
Alarm, Auto prowler. L. D. and D. L. Jolley. 2,448,597, Sept. 7.
Alkylol amine salts of hydroxy fatty acids and process for their preparation. B. B. Schaeffer. 2,448,626, Sept. 7.
Amalgamator, Dental. B. Stewart. 2,448,840, Sept. 7.
Amines, Manufacture of primary. M. Grunfeld. 2,449,036, Sept. 7.
Antiskid tire clamp. D. Younglove. 2,449,033, Sept. 7.
Apparatus and method for rectifying and projecting aerial photographs. M. Zwillinger and S. G. Hall. 2,448,568, Sept. 7.
Apparatus for arranging, ganging, and assorting articles according to size. W. F. Aller. 2,448,652, Sept. 7.
Apparatus for bonding wear-resistant facing elements to machine elements. H. F. Storm. 2,448,690, Sept. 7.
Apparatus for catalytic conversion of hydrocarbon vapors. C. S. Reed and A. H. Schutte. 2,448,549, Sept. 7.
Alkenoxy amino diphenylamines. R. P. Parker and J. J. Denton. 2,449,006, Sept. 7.
Alkylation of cyclic unsaturated hydrocarbons using alkali metal catalyst. G. M. Whitman. 2,448,641, Sept. 7.
Apparatus for continuously processing strips. F. K. Schefe. 2,448,835, Sept. 7.
Apparatus for detecting and locating enemy vessels. C. B. Ferrel. 2,448,787, Sept. 7.
Apparatus for dispersing gases in liquids. R. E. Gunther. 2,448,590, Sept. 7.
Apparatus for feeding glass. A. W. Schmid. 2,448,915, Sept. 7.
Apparatus for measuring force exerted by a resilient annulus. R. J. S. Pigott and P. G. Exline. 2,448,735, Sept. 7.
Apparatus for mounting a roller in a cavity in a member. M. Royer. 2,448,833, Sept. 7.
Apparatus for regulating centrifugal machines. L. F. Moody. 2,449,002, Sept. 7.
Apparatus for testing molding sand. H. W. Dietert. 2,448,964, Sept. 7.
Aqueous suspensions and solutions, Concentrating. R. Holzcker. 2,448,802, Sept. 7.
Arm, Engine rocker. J. M. Leake. 2,448,989, Sept. 7.
Art of winding odd-shape coils. H. V. Knauf, Jr. 2,448,672, Sept. 7.
Artificial flame. P. and C. C. Munao. 2,448,906, Sept. 7.
Automatic electromagnetic automobile door emergency latch. E. L. Pratt. 2,448,619, Sept. 7.
Awning. E. Kraus. 2,448,984, Sept. 7.
Axle box. C. A. Bowen. 2,448,655, Sept. 7.
Azo compounds containing a tetrahydroquinoline nucleus. J. B. Dickey and J. G. McNally. 2,448,871, Sept. 7.
Azo compounds containing a triazole nucleus. J. B. Dickey and J. G. McNally. 2,448,870, Sept. 7.

Bag holder. J. E. Murphy. 2,448,821, Sept. 7.
Band, Wrist watch. I. Wolff. 2,448,943, Sept. 7.
Bank, Toy. J. L. Baum. 2,448,951, Sept. 7.
Bar: *See*—
Playing bar.
Bearing: *See*—
Noiseless rudder post bearbearing.
B,B'-dicyano diethyl ether, Production of. H. Hopff and W. Rapp. 2,448,979, Sept. 7.
Bed rest. W. R. Smith. 2,448,924, Sept. 7.
Block: *See*—
Magnetic block.
Blower, Interengaging impeller rotary positive displacement. R. P. McCulloch and J. L. Ryde. 2,448,901, Sept. 7.
Blowoff valve for steam boilers, Continuous. H. E. May. 2,448,816, Sept. 7.
Boat loading device. G. W. Harder. 2,448,591, Sept. 7.
Boat-steering mechanism, Automatic. G. W. Crise. 2,448,778, Sept. 7.
Bobbin marking mechanism. G. Clark. 2,448,773, Sept. 7.
Bolt, Toggle. H. N. Boyer. 2,448,700, Sept. 7.
Bookholder for bedsteads R. L. Phillips. 2,448,734, Sept. 7.
Bookmark, Magnetic. W. S. Martin. 2,448,611, Sept. 7.
Box: *See*—
Axle box.
Bracket: *See*—
Lavatory supporting bracket.
Brake and hoist combination, Aerodynamic. J. B. Black and W. F. Shurts. 2,448,855, Sept. 7.
Brake mechanism, Booster. J. G. Ingress. 2,448,981, Sept. 7.
Bran and rice polish, Processing rice. A. K. Ozai-Durrani. 2,448,729, Sept. 7.
Brassière, Strapless. L. Shulman. 2,448,919, Sept. 7.
Bromination of unsaturated organic compounds. J. Ross. 2,448,739, Sept. 7.
Bulb exposure mechanism for camera shutters. C. C. Fuerst. 2,448,877, Sept. 7.
Buoy, Radio listening. C. W. Hansell. 2,448,713, Sept. 7.
Burner: *See*—
Multiple orchard burner.
Cable adjuster, Brake. J. M. Woodson. 2,449,031, Sept. 7.
Cable for aircraft, Control. E. E. Van Dyke and K. Kerr. 2,448,847, Sept. 7.
Calling device. F. E. Wood, F. Glenger, E. Decker, and R. L. Sargisson. 2,448,647, Sept. 7.
Cap: *See*—
Chimney cap.
Cap for masks or the like. C. Lamar. 2,448,893, Sept. 7.
Capacitor. H. M. Huckleberry. 2,448,887, Sept. 7.
Cargo-carrying airplane. R. B. Conklin. 2,448,862, Sept. 7.
Carton, Divisible. L. P. Grecco. 2,448,795, Sept. 7.
Casket and making the same. M. Skolnik. 2,448,923, Sept. 7.
Caster, Wax. C. F. Weston. 2,448,640, Sept. 7.
Casting apparatus, Displacement type. R. J. Miller. 2,448,903, Sept. 7.
Catalyst fines in a catalyst conversion system, Recycling. A. H. Schutte and C. S. Reed. 2,448,553, Sept. 7.
Cathode-ray oscillograph circuit. P. S. Christaldi. 2,448,771, Sept. 7.
Cathode structure for electron discharge devices. C. R. Blazier and D. A. S. Hale. 2,448,573, Sept. 7.
Cellulose ester lithographic printing process. R. S. Colt. 2,448,861, Sept. 7.
Chair: *See*—
Adjustable reclining chair.
Chamber, Portable recompression. L. M. Plemel and B. J. Abernathy, Jr. 2,448,546, Sept. 7.
Chimney cap. E. W. Kepple. 2,448,806, Sept. 7.
Chlorinated paraffin wax amines for controlling fungi and bacteria. T. E. Reamer. 2,448,910, Sept. 7.
Chlorination of starch and products thereof. H. N. Barham. 2,448,510, Sept. 7.
Chuck. W. Coulson. 2,448,579, Sept. 7.
Chuck, Multiple jaw. E. A. Glynn. 2,448,881, Sept. 7.
Chuck or workholder. B. O. Richard. 2,448,738, Sept. 7.
Cigarette ejecting device. F. Roth. 2,448,914, Sept. 7.
Cinematographic method and apparatus. F. W. Taylor. 2,448,691, Sept. 7.

Circuit: *See*—
Cathode-ray oscillograph circuit.
Circuit bearing element. J. W. Armbruster. 2,448,761, Sept. 7.
Circuit breaker. A. Van Ryan. 2,448,695, Sept. 7.
Circuit breaker-hold-in mechanism. W. M. Scott, Jr. 2,449,013, Sept. 7.
Circuit closer for knitting machines, Fabric contacting. M. Wachsman. 2,448,639, Sept. 7.
Circuit control for railway signals, Trap. E. M. Allen. 2,448,570, Sept. 7.
Circuit for periodically generating oscillations. J. R. Moore. 2,448,543, Sept. 7.
Circuit for television receivers, Echo reducing. J. E. Smith. 2,448,635, Sept. 7.
Circuit including a preenergizing circuit for the impulsing relay, Impulsing. C. E. Lomax. 2,448,608, Sept. 7.
Circuits for piezoelectric crystals, Testing. I. E. Fair. 2,448,581, Sept. 7.
Circuits, Frequency discriminating. T. A. O. Gross. 2,448,526, Sept. 7.
Circuits, Motor control. J. R. Wilkerson. 2,448,564, Sept. 7.
Clamp: *See*—
Antiskid tire clamp.
Clamp for curtain stretchers. W. H. Bothe. 2,448,574, Sept. 7.
Clasp, Collar. T. Thoreson. 2,448,845, Sept. 7.
Closure, Container. S. Shaffer. 2,449,014, Sept. 7.
Closure for an inflatable structure. G. D. Mallory. 2,448,677, Sept. 7.
Closure for containers. F. W. Sohnlein. 2,448,838, Sept. 7.
Clutch mechanism. J. J. Bloomfield. 2,448,763, Sept. 7.
Clutch: *See*—
Overrunning clutch.
Clutch plate, Friction. D. E. Gamble. 2,448,879, Sept. 7.
Clutch plate, Friction. D. E. Gamble. 2,448,880, Sept. 7.
Collar, Valve stop. C. B. Johnson. 2,448,529, Sept. 7.
Combustion apparatus. S. Way and E. P. Walsh. 2,448,562, Sept. 7.
Compass, Draftaman's. F. Fuller. 2,448,878, Sept. 7.
Composition comprising an acyl peroxide cured polyester and an alkaline carbonate. B. S. Biggs. 2,448,572, Sept. 7.
Composition comprising organic peroxide cured glycol-dicarboxylic acid polyester and red oxide of iron. F. S. Maim. 2,448,609, Sept. 7.
Composition containing talloil resins. W. J. Rice. 2,448,621, Sept. 7.
Composition for treating coal and the like. W. E. Kleinicke. 2,448,605, Sept. 7.
Concrete post form. R. L. Hall. 2,448,883, Sept. 7.
Condensation products obtained from anacardic materials. M. T. Harvey. 2,448,715, Sept. 7.
Condensation products of polyhydroxy alkylamines with aldehydes. W. B. Johnston. 2,448,890, Sept. 7.
Conductor, Insulated electrical. C. C. Smith. 2,448,633, Sept. 7.
Confectionery forming mechanism. C. E. Faxon. 2,448,786, Sept. 7.
Connector: *See*—
Electrical connector. Plug connector.
Connector for electric cables and the like. V. D. Burke. 2,448,766, Sept. 7.
Consistency meter. H. W. Laurance. 2,448,533, Sept. 7.
Container: *See*—
Pocket-type tissue container.
Container refrigerated by dry ice, Shipping. A. J. Nicholas. 2,449,005, Sept. 7.
Continuous film drier. A. E. Beguin. 2,448,854, Sept. 7.
Control and signaling device, Thermostatic. G. W. Crise. 2,448,776, Sept. 7.
Control apparatus. S. Aamot. 2,448,852, Sept. 7.
Control device. G. E. Franck. 2,448,968, Sept. 7.
Control mechanism for a plurality of motors. P. L. Loewe. 2,448,675, Sept. 7.
Control system, Fully automatic desurfacing. J. H. Bucknam. 2,448,657, Sept. 7.
Control unit. C. A. Arens. 2,448,696, Sept. 7.
Conversion of hydrocarbon oils. A. Voorhies, Jr. 2,449,027, Sept. 7.
Copolymer of isopropenyl acetate, Resinous. W. O. Kenyon and C. C. Unruh. 2,448,531, Sept. 7.
Copolymers of halo allyl esters of carboxylic acids. A. M. Clifford. 2,448,703, Sept. 7.
Cord processing apparatus. R. E. Solliday and H. E. Riggs. 2,448,743, Sept. 7.
Core construction, Laminated. L. M. Dolan. 2,448,785, Sept. 7.
Core for closure frame trim elements. O. B. Merrill. 2,449,000, Sept. 7.
Core or mold and making same, Foundry. A. L. Rummelsburg. 2,448,624, Sept. 7.
Corundum and spinel, Glossing. M. H. Barnes and E. L. McCandless. 2,448,511, Sept. 7.
Counter adapted to operate over variable predeterminable periods of time, Revolution. H. C. Wilkins. 2,448,643, Sept. 7.
Couplers, Thioglycolic amide. A. Weissberger, C. J. Kibler, and R. V. Young. 2,448,939, Sept. 7.
Coupling: *See*—
Flexible drive coupling. Rotary turbine-type hydraulic coupling.
Pipe coupling.
Coupling. G. W. Purdy. 2,448,548, Sept. 7.
Coupling. A. T. Scheiwer. 2,448,688, Sept. 7.
Coupling device, Tractor-trailer. S. R. Strader. 2,448,744, Sept. 7.
Coupling for linear actuators, Universal. W. K. Schon. 2,448,917, Sept. 7.
Coupling for rods, cables, and the like. G. W. Purdy. 2,448,547, Sept. 7.
Coupling with centrifugal lockup means, Fluid. E. R. Maurer. 2,448,539, Sept. 7.
Cover: *See*—
Wheel cover.
Cover plate, Illuminated. W. C. Linton. 2,448,606, Sept. 7.
Cover remover, Cam. G. C. Erb. 2,448,522, Sept. 7.
Cracking process, Continuous. T. P. Simpson and S. C. Eastwood. 2,448,922, Sept. 7.
Crankshaft, Built-up. G. T. Smith-Clarke and A. F. Varney. 2,448,742, Sept. 7.
Crustacean meat, Preserving tinned. J. J. Ganucheau. 2,448,970, Sept. 7.
Cutter: *See*—
Tube cutter.
Cutting mechanism for Axminster looms, Tuft. W. Y. Robb. 2,448,829, Sept. 7.
Cutting mechanism, Loop. C. G. Richardson. 2,448,686, Sept. 7.
Cyclic regulation of crystallizers. J. E. Mason. 2,448,538, Sept. 7.
Cylinder, Engine. H. Johnson. 2,448,983, Sept. 7.
DDT-alkylated naphthalene insecticide, Low-temperature noncrystallizing. E. E. Fleck and R. K. Preston. 2,448,665, Sept. 7.
DDT, Comminuting impure. I. F. Walker. 2,449,028, Sept. 7.
Debarking apparatus. A. P. Schnyder. 2,448,689, Sept 7.
Decapper, Comb. W. C. Ladwig. 2,448,986, Sept. 7.
De-emulsification of water gas tar emulsions and oil gas tar emulsions. S. A. Petrino. 2,448,684, Sept. 7.
Deflector for accordions, Sound. R. Pancotti. 2,448,682, Sept. 7.
Derivative of cellulose yarn, Sized organic. R. H. Balch and I. G. McCormick. 2,448,571, Sept. 7.
Detection of high-speed charged particles. R. H. Dicke. 2,448,963, Sept. 7.
Detector, Magnetic. F. G. Merrill. 2,448,613, Sept. 7.
Devices for exercising and treating feet. W. Gustlin. 2,448,797, Sept. 7.
Device for practicing golf. S. A. Milliner. 2,448,904, Sept. 7.
Device for selecting metal pieces. E. R. Mann and T. T. Goldsmith, Jr. 2,448,814, Sept. 7.
Device for testing magnetic materials. T. T. Goldsmith, Jr., and E. R. Mann. 2,448,794, Sept. 7.
Device for winding hectograph rolls evenly. W. J. Champion. 2,448,659, Sept. 7.
Device to regulate depth of gasoline in the float chamber of a carburetor. L. W. Gilbert. 2,448,709, Sept. 7.
Die: *See*—
Stopper press die.
Diketo acrylates. A. M. Clifford. 2,448,958, Sept 7.
Dipentaerythritol from mixtures containing the same, Obtaining. J. A. Wyler. 2,448,566, Sept. 7.
Dipper, Ice-cream. M. F. Costa. 2,448,863, Sept. 7.
Discharge device and circuits therefore, Cold cathode electron. C. W. Hansell. 2,448,527, Sept. 7.
Dispensing device, Liquid. M. L. Trochim. 2,448,846, Sept. 7.
Dispersions of polytetra-fluoroethylene-ethylene copolymers, Obtaining. K. L. Berry. 2,448,952, Sept. 7.
Divider, Medical. C. G. Geissler. 2,448,708, Sept 7.
Doll, Jointed mannequin. M. Geller. 2,448,668, Sept. 7.
Door holder. E. J. Blackman. 2,448,953, Sept. 7.
Door mat, Self-cleaning. C. O. Swanson. 2,448,931, Sept. 7.
Drawer for refrigerated lockers. W. M. Baird. 2,448,949, Sept. 7.
Drier: *See*—
Continuous film drier.
Drive for brushes and the like, Motor. G. B. Mirus. 2,448,614, Sept. 7.
Drive unit, Power take-off. C. P. Pinardi and H. L. Brock. 2,448,822, Sept. 7.
Drying apparatus, Motor vehicle. L. J. Rousseau. 2,448,834, Sept. 7.
Drying oils from a dithiol and divinylacetylene, Synthetic. C. M. Langkammerer. 2,448,987, Sept. 7.
Duplex four-way valve. H. W. Adams and O. A. Wheelon. 2,448,649, Sept. 7.
Dynamic damper support. A. T. Gregory and C. C. De Pew. 2,448,973, Sept. 7.
Dynamoelectric machine. M. D. Stahl. 2,449,021, Sept. 7.
Easel frame. W. J. Crosby. 2,448,580, Sept. 7.
Elastic and elastomer products, Synthetic. M. M. Sprung and C. A. Burkhard. 2,448,556, Sept. 7.
Elastomers and preparing the same, Dimethyl silicon. J. G. E. Wright and C. S. Oliver. 2,448,565, Sept. 7.

Elastomers, Methyl siloxane. M. C. Agens. 2,448,756, Sept. 7.
Electric control switch. W. J. Aitken. 2,448,650, Sept. 7.
Electric furnace. R. K. Hopkins. 2,448,886, Sept. 7.
Electric heater for tanks. T. F. Green, Jr. 2,448,669, Sept. 7.
Electric heating apparatus. E. S. Smith. 2,448,634, Sept. 7.
Electric heating device. W. A. Bohannon. 2,448,856, Sept. 7.
Electric iron. S. and A. Chiarotti. 2,448,577, Sept. 7.
Electric portable stove. E. J. Christensen. 2,448,956, Sept. 7.
Electric switch. E. G. Taylor. 2,448,841, Sept. 7.
Electric system to control impedances. F. J. Hooven. 2,448,885, Sept. 7.
Electric timing motor. J. Lemire. 2,448,812, Sept. 7.
Electric welding apparatus. J. M. Tyrner. 2,448,694, Sept. 7.
Electrical connector. C. Antony, Jr., and D. Mannheimer. 2,448,509, Sept. 7.
Electrical contact brush. D. Ramadanoff. 2,448,685, Sept. 7.
Electrical instrument follow-up system. E. C. Burdick. 2,448,575, Sept. 7.
Electrical resistor. C. F. Alban. 2,448,757, Sept. 7.
Electrical socket and adapter. A. Morris. 2,448,725, Sept. 7.
Electron discharge tube. P. W. Stutsman. 2,448,559, Sept. 7.
Electrophoretic separating apparatus. W. F. Van Loenen. 2,448,848, Sept. 7.
Electrophysiotherapeutic apparatus. R. H. Maxson. 2,448,540, Sept. 7.
Electrophysiotherapeutic apparatus. R. H. Maxson. 2,448,541, Sept. 7.
Engine: *See*—
Internal-combustion engine (turbine type).
Engine starting device. H. E. Throsel. 2,448,844, Sept. 7.
Error indication, Directionally sensitive firing. A. E. S. Green. 2,448,587, Sept. 7.
Ester silver halide emulsion, Sensitized photographic cellulose. W. G. Lowe and R. G. Tarkington. 2,448,534, Sept. 7.
Esters. M. E. Cupery. 2,448,520, Sept. 7.
Esters of riboflavin and preparation of same, Water-soluble. A. M. Moos and S. D. Upham. 2,449,003, Sept. 7.
Ether acetals, Preparation of. W. J. Croxall and H. T. Neher. 2,448,660, Sept. 7.
Ethers and dyeing of fabrics therewith, Dyed cellulose. W. B. Carroll, Jr. 2,448,515, Sept. 7.
Ethylene polymer compositions. W. B. Happoldt, Jr., and A. Stockfleth. 2,448,799, Sept. 7.
Ethylene-vinyl ester copolymer and N-substituted polyamide, Mixture of hydrolyzed. F. W. Hoover. 2,448,978, Sept. 7.
Eviscerating method and apparatus. R. D. Trelease and C. H. Koonz. 2,448,693, Sept. 7.
Exploration operations, Seismic. T. O. Harkness. 2,449,037, Sept. 7.
Explosive assemblies, Making. C. H. Carey. 2,448,658, Sept. 7.
Factor controller, Automatic power. H. E. Thomas. 2,448,843, Sept. 7.
Fastener: *See*—
Window lift and fastener.
Fastening device. W. McArthur. 2,448,817, Sept. 7.
Feeding mechanism, Hydraulically operated. H. A. Silven. 2,448,921, Sept. 7.
File, Billiard cue tip. G. J. Fleshman. 2,448,967, Sept. 7.
Film feed mechanism, Intermittent. R. A. Clapp. 2,448,519, Sept. 7.
Filter: *See*—
Nasal filter.
Porous filter.
Filter and connection shield, Dual. E. C. Hallett. 2,448,711, Sept. 7.
Fish bite signal device. O. K. Nutter. 2,448,681, Sept. 7.
Fishhook holder. A. S. Omohundro. 2,448,728, Sept. 7.
Fish lure. A. F. Fibiger. 2,448,523, Sept. 7.
Fishing rod holder. S. P. Wagner. 2,448,752, Sept. 7.
Fitting. D. P. Hynes. 2,448,888, Sept. 7.
5-benzimidazol derivatives of barbituric acid. G. J. Martin and S. Avakian. 2,448,722, Sept. 7.
Flash and blast reducer. R. A. Heising. 2,448,593, Sept. 7.
Flexible drive coupling. A. H. Pattison. 2,448,732, Sept. 7.
Flight computer. L. W. Imm. 2,448,596, Sept. 7.
Fluid-coupling assembly. J. M. W. Chamberlain. 2,448,769, Sept. 7.
Flutter predicting apparatus. M. A. Biot and T. H. Wiancko. 2,448,698, Sept. 7.
Folding machine, Heater. G. G. Schneider and F. L. Donohue. 2,448,916, Sept. 7.
Fountain implement with pivotally mounted dual brush units. R. C. Logan. 2,448,607, Sept. 7.
Frame: *See*—
Easel frame.
Frame structure for ventilating fans. P. E. Hord. 2,448,671, Sept. 7.
Fuel system for aircraft power plants for aircraft propulsion and boundary layer air control. E. A. Stalker. 2,449,022, Sept. 7.
Furnace: *See*—
Electric furnace.
Game, Baseball. C. E. Siberts. 2,448,837, Sept. 7.
Garbage can holder. P. Wetzel. 2,448,563, Sept. 7.
Garment hanger. W. R. Kohl. 2,448,673, Sept. 7.
Garment hanger. E. Weibel. 2,448,754, Sept. 7.
Gas meter prover apparatus. T. Oakley, M. J. Westenhaver, and R. E. Eggmann. 2,448,616, Sept. 7.
Gas turbine apparatus. S. Way. 2,448,561, Sept. 7.
Generator: *See*—
Surge generator.
Glide path for ground training, Automatic simulated two pointer. C. W. Muller. 2,448,544, Sept. 7.
Glove, Welding. R. Bakke. Sept. 7.
Glycidyl esters. E. B. Kester and H. M. Preusser. 2,448,602, Sept. 7.
Grease compositions. W. A. Zisman and G. M. Hain. 2,448,567, Sept. 7.
Greases, Novel. F. J. Licata. 2,448,720, Sept. 7.
Grips for perforated records, Woven sensing. J. W. Armbruster. 2,448,759, Sept. 7.
Grips for perforated records, Woven sensing. J. W. Armbruster. 2,448,760, Sept. 7.
Grinder, Adjustable internal expansion. S. R. Keller. 2,448,600, Sept. 7.
Grinding machine. S. E. Schroeder. 2,448,551, Sept. 7.
Grip for auto tires, Skidless steel. L. Paraskevas. 2,448,730, Sept. 7.
Gripping means for game balls. A. Park. 2,448,731, Sept. 7.
Guard, Lamp. F. M. Fike. 2,448,582, Sept. 7.
Turret for aircraft, Gun. E. C. M. d'Assis-Fonseca. 2,448,704, Sept. 7.
Gyro assembly, Self-compensating. B. B. K. Morse. 2,448,905, Sept. 7.
Handle: *See*—
Shopping bag handle.
Handle bar and seat attachment, Bicycle. W. G. Darden. 2,448,867, Sept. 7.
Handle means and file guide for saw files, Combined. F. C. Brothers. 2,448,702, Sept. 7.
Handpiece, Dental engine. R. C. Angell. 2,448,758, Sept. 7.
Hanger: *See*—
Garment hanger.
Paint can hanger.
Shoulder pad filler garment hanger.
Harpoon construction. J. T. Crandall. 2,448,864, Sept. 7.
Harvester and straw buncher, Combine. W. F. Reisenweber. 2,448,737, Sept. 7.
Hassock. J. M. Smiler. 2,449,017, Sept. 7.
Hay buck, Power. F. L. Selak. 2,448,631, Sept. 7.
Heat recovery system for catalytic conversion processes. C. S. Reed and A. H. Schutte. 2,448,550, Sept. 7.
Heater: *See*—
Self-supporting, self-adjusting electric water heater.
Solar water heater.
Heating system. J. La Raus. 2,448,988, Sept. 7.
Heating system, Drier. R. D. Cheesman. 2,448,770, Sept. 7.
Heat-treating machine. W. F. Butler. 2,448,514, Sept. 7.
Hexamethylene tetramine, Manufacture of. P. Schideler and C. P. Davis. 2,449,040, Sept. 7.
High-low gas valve. H. W. Anderson. 2,448,654, Sept. 7.
Hoist. F. P. Lawler. 2,448,674, Sept. 7.
Holder: *See*—
Bag holder.
Door holder.
Fishhook holder.
Fishing rod holder.
Garbage can holder.
Ticket holder.
Welding rod holder.
Holder for electric motors, Brush. V. Weber. 2,448,850, Sept. 7.
Homogeneous partially chlorinated derivatives of rubber, Preparing. C. Koningsberger. 2,448,809, Sept. 7.
Hook attachment for ladders. G. K. Hurd. 2,448,716, Sept. 7.
Hook, Drapery. E. C. Swanson. 2,448,637, Sept. 7.
House, Collapsible. J. T. Lawrence. 2,448,895, Sept. 7.
Hunting and fishing garment. H. M. Hutchinson. 2,448,804, Sept. 7.
Hydrocarbon alkylation process. C. S. Kelley. 2,448,601, Sept. 7.
Hydrocarbon conversion catalyst, Making a. G. C. Connolly. 2,448,960, Sept. 7.
Hydrocarbons, Stabilizing. R. F. Robey, J. Fedirko, and A. E. Barnett. 2,449,010, Sept. 7.
Hydrolyzed ethylene vinyl ester polymers, Insolubilizing. W. L. Alderson, Jr. 2,448,946, Sept. 7.
Hydroxyethylation. W. W. Carlson. 2,448,767, Sept. 7.
Image former with negative meniscus lens spherical aberration corrector, Schmidt type. A. Bouwers. 2,448,699, Sept. 7.
Injection molding apparatus. H. J. Arthur and H. S. McCrory. 2,448,947, Sept. 7.
Injector, Lubricant. A. P. Fox. 2,448,583, Sept. 7.
Inker. C. W. Harrold and H. F. Meyer. 2,448,975, Sept. 7.
Insulation from metallic electric conductors, Removing. Y. Piskac and R. E. Smiley. 2,448,909, Sept. 7.

Internal-combustion engine and operating. E. M. Barber and J. B. Malin. 2,448,950, Sept. 7.
Internal-combustion engine (turbine type). E. W. Gizara. 2,448,972, Sept. 7.
Ironing machine. H. H. Babcock. 2,448,948, Sept. 7.
Joint: *See*—
Pipe joint.
Key punch. L. L. Curtis. 2,448,961, Sept. 7.
Knife having replaceable blades. J. Ciarlone. 2,448,957, Sept. 7.
Latch: *See*—
Automatic electromagnetic door latch.
Solenoid with plunger and automobile door emergency latch.
Lathe, Record edging. F. G. Volkel. 2,448,751, Sept. 7.
Lavatory supporting bracket. A. H. Haberstump. 2,448,798, Sept. 7.
Light, Neon. G. L. Walter. 2,448,937, Sept. 7.
Liquid and gas transfer in mercury switches. E. W. Rickmeyer. 2,448,687, Sept. 7.
Light control device, Remote control. F. Chanoux. 2,448,859, Sept. 7.
Lock: *See*—
Sliding door lock.
Lock for fishing reels, Spool. H. I. Mandolf. 2,448,610, Sept. 7.
Loom: *See*—
Sectional weaving loom.
Lubricant, Rust-inhibiting. W. R. Turner. 2,449,025, Sept. 7.
Lubricator: *See*—
Rail lubricator.
Machine for making protective sleeves. R. Y. Whittemore. 2,448,940, Sept. 7.
Machine for severing and driving corrugated fasteners. A. E. Cranston, Jr. 2,448,801, Sept. 7.
Machine for sorting cards perforated in alphabetical code. E. A. Ford. 2,448,788, Sept. 7.
Magnetic block. M. O. Teetor. 2,448,692, Sept. 7.
Mailbox and illuminated sign, Combined. E. Zacharias. 2,448,945, Sept. 7.
Marker, Dress pattern. C. Schaffner. 2,448,627, Sept. 7.
Massaging apparatus, G. W. Crise. 2,448,777, Sept. 7.
Meter: *See*—
Consistency meter.
Method and apparatus for measuring permeability. W. A. Bruce. 2,448,955, Sept. 7.
Method and apparatus for measuring surface tension. H. M. Cassel. 2,448,768, Sept. 7.
Method and apparatus for separating peanuts from debris. F. J. Paul. 2,449,007, Sept. 7.
Method of and apparatus for processing yeast. A. M. Fischer. 2,448,927, Sept. 7.
Method of and device for producing pulses at the maximum or minimum of an electric impulse. M. Koulicovitch. 2,448,718, Sept. 7.
Microscopy, High resolution. J. Hillier and R. F. Baker. 2,448,594, Sept. 7.
Mirror and cabinet, Combined. S. C. Schonfield. 2,448,836, Sept. 7.
Mold: *See*—
Suction mold.
Molding, Injection. H. F. MacMillin and G. A. Waldie. 2,448,676, Sept. 7.
Motor: *See*—
Electric timing motor.
Motor, Internal combustion unit for aircrafts, Supercharged multiple. A. G. Forsyth. 2,448,789, Sept. 7.
Motor system, Rectifier fed. P. Glass. 2,448,793, Sept. 7.
Motor system using voltage regulating transformer. J. G. Sola. 2,448,925, Sept. 7.
Muffler. C. Peters. 2,449,009, Sept. 7.
Multiple orchard burner. J. L. Breese. 2,448,656, Sept. 7.
Nasal filter. C. L. McGovney. 2,448,724, Sept. 7.
Needle, Hypodermic. M. L. Lockhart. 2,448,898, Sept. 7.
Networks, Modulation. E. K. Stodola. 2,448,558, Sept. 7.
N-isopropyl-methacrylamide, Production of. J. G. Lichty. 2,448,991, Sept. 7.
Noiseless rudder post bearing. E. S. Aker. 2,448,651, Sept. 7.
Noncombustibles from fuel gas, Removing. J. W. Latchum, Jr. 2,448,719, Sept. 7.
Nursing unit. A. M. Allen. 2,448,569, Sept. 7.
Nut lock construction. W. R. McKenzie. 2,448,902, Sept. 7.
Nutrient, Producing corn steep. R. P. Myers and M. L. Speck. 2,448,680, Sept. 7.
1,4-dicyano butene-2 from corresponding halogen compounds, Preparing. C. N. Zeller. 2,448,755, Sept. 7.
1,3-diols, Production of. L. A. Mikeska and E. Arundale. 2,449,001, Sept. 7.
Ore, Deironing chromium. A. Greffe. 2,448,882, Sept. 7.
Oven for heating asphalt tile and the like. M. Mayer. 2,448,723, Sept. 7.
Overrunning clutch. T. I. Ress and J. W. Lang, Jr. 2,448,912, Sept. 7.
Oxidation of cellulose. W. O. Kenyon and E. C. Yackel. 2,448,892, Sept. 7.
Oxide production, Titanium. J. H. Peterson. 2,448,683, Sept. 7.
Package, Match. A. O. Levine. 2,448,990, Sept. 7.
Paint can hanger. L. N. Schaller. 2,448,628, Sept. 7.
Parasiticides containing aluminum hydroxide, Preparing. H. L. Cupples. 2,448,661, Sept. 7.
Pellet container and selector. F. L. Sessions. 2,448,918, Sept. 7.
Penicillin in cotton seed meal medium, Production of. J. W. Foster and L. E. McDaniel. 2,448,791, Sept. 7.
Penicillin, The production of. J. W. Foster and L. E. McDaniel. 2,448,790, Sept. 7.
Peroxide-curable and organic peroxide-cured synthetic polyester rubbers, Organic. C. S. Fuller. 2,448,585, Sept. 7.
Phenoxyethyl lactate and a cellulose compound plasticized therewith. M. L. Fein and C. H. Fisher. 2,448,873, Sept. 7.
Photocell. R. J. Cashman. 2,448,517, Sept. 7.
Photocell. R. J. Cashman. 2,448,518, Sept. 7.
Photocell of lead sulfide. R. J. Cashman. 2,448,516, Sept. 7.
Photographic elements bearing a polyvinylpyridine sublayer, a layer containing a soluble boron compound and a silver halide synthetic hydroxyl polymer layer and their preparation. C. F. Glick. 2,448,525, Sept. 7.
Photographic elements having a silver halide layer and an antihalation layer on a polyvinylpyridine layer. F. P. Alles. 2,448,508, Sept. 7.
Photographic elements having antihalation layers composed of vinylpyridine polymers and antihalation materials. D. M. McQueen and E. C. Weaver. 2,448,542, Sept. 7.
Photographic elements having antihalation layer composed of vinylpyridine polymer with vinylpyridine polymer sublayer and outer protective layer. F. P. Alles. 2,448,507, Sept. 7.
Photographic elements having light-sensitive and water-insoluble vinylpyridine polymer layers. F. Schulze. 2,448,552, Sept. 7.
Photographic shutter, High-speed symmetrical opening. C. C. Fuerst. 2,448,876, Sept. 7.
Photographic silver halide emulsion, Optically supersensitized. B. H. Carroll and C. J. Staud. 2,448,858, Sept. 7.
Photopolymerization. M. M. Renfrew. 2,448,828, Sept. 7.
Phthalic anhydride, Recovering. W. M. Davis. 2,448,868, Sept. 7.
Picking tower. Fruit. R. R. Schutz. 2,448,630, Sept. 7.
Pin anchored electric outlet and switch. D. S. Ross. 2,448,832, Sept. 7.
Pipe coupling. F. E. Swain. 2,448,747, Sept. 7.
Pipe joint. W. R. Ost. 2,448,907, Sept. 7.
Pipe testing apparatus. A. Motycka. 2,448,820, Sept. 7.
Piperidine propanol esters of phenyl acetic acid. S. M. McElvain and T. P. Carney. 2,448,997, Sept. 7.
Piston device. C. M. Thomas. 2,448,932, Sept. 7.
Plane, Rabbet. H. G. Shaw. 2,449,015, Sept. 7.
Plate, Electrostatic condenser. J. B. Brennan and L. M. Conrad. 2,448,513, Sept. 7.
Plate, Sectional match. E. E. Reder, Jr. 2,448,827, Sept. 7.
Platform, Composite shoe. F. J. Diamant. 2,448,663, Sept. 7.
Playing bar. O. H. Yates. 2,449,032, Sept. 7.
Plug and socket, Current-regulating. L. E. Wean and L. J. McCarty. 2,449,029, Sept. 7.
Plug connector. C. F. Hart. 2,448,592, Sept. 7.
Pocket-type tissue container. W. A. J. Mitchell. 2,448,819, Sept. 7.
Polyester synthetic rubbers formed from disecondary glycols, Cured. C. J. Frosch. 2,448,584, Sept. 7.
Polyethylene-polyvinyl acetal composition. D. A. Fletcher and M. M. Renfrew. 2,448,666, Sept. 7.
Polymerization of alpha alkyl styrenes. R. G. Helligmann. 2,448,976, Sept. 7.
Polyoxypropylene compounds. H. R. Fife and F. H. Roberts. 2,448,664, Sept. 7.
Porous filter. E. A. Stokes. 2,448,930, Sept. 7.
Powder filling apparatus. D. D. Peebles and G. P. Hensley. 2,448,733, Sept. 7.
Power drive. L. Spraragen. 2,449,020, Sept. 7.
Power position hold for control valves, Automatic. H. Kirkham. 2,448,532, Sept. 7.
Power system. T. X. Lewis. 2,448,813, Sept. 7.
Power takeoff. F. D. Dale. 2,448,662, Sept. 7.
Power unit for invalid wheel chairs, Propelling. H. Love, C. E. Britain, B. D. Langton, and R. E. and C. E. Van Gundy. 2,448,992, Sept. 7.
Practice apparatus, Target. I. H. Wilsey. 2,449,030, Sept. 7.
Pressed articles from powders, Forming. J. S. Pecker and H. A. Simpson. 2,449,008, Sept. 7.
Pressure system. A. E. Kittridge. 2,448,604, Sept. 7.
Printing plate, Treated planographic. C. H. Van Dusen, Jr. 2,448,749, Sept. 7.
Process and apparatus for monitoring synchronizing generators. H. E. Beste. 2,448,762, Sept. 7.
Protective appliance, Sanitary. A. Wayne. 2,448,938, Sept. 7.
Proximity fuse testing apparatus. N. Johnson and W. E. Bradley. 2,448,889, Sept. 7.
Pulverized material, Conveying. H. Struckmann. 2,448,745, Sept. 7.
Puzzle and rack therefor, Jigsaw. S. H. Gainsley. 2,448,667, Sept. 7.
Radio range control for flight trainers, Automatic. E. M. Sorensen. 2,448,555, Sept. 7.

Rail lubricator. W. C. Heidenthal. 2,448,670, Sept. 7.
Receiver, Television. L. W. Parker. 2,448,908, Sept. 7.
Receiving system, Diversity. M. G. Crosby. 2,448,866, Sept. 7.
Record controlled machine. G. F. Daly. 2,448,781, Sept. 7.
Record-controlled printing apparatus. H. L. Tholstrup. 2,448,842, Sept. 7.
Recovery of hydrogen fluoride by distillation with an olefin. G. R. Reading and R. E. Vinyard. 2,448,620, Sept. 7.
Relay, Differential. C. P. Clare and G. Weinreich. 2,448,772, Sept. 7.
Resin and process of making same, Coated granular. E. J. Gentner. 2,448,524, Sept. 7.
Retainer, Key. R. B. French. 2,448,969, Sept. 7.
Retriever, Golf ball. R. C. Williams. 2,448,644, Sept. 7.
Riboflavin solutions. S. D. Upham. 2,449,041, Sept. 7.
Roll, Abrasive. A. E. Hamilton. 2,448,884, Sept. 7.
Rotary turbine-type hydraulic coupling. N. C. Price. 2,448,824, Sept. 7.
Rotor construction for comminuting and mixing machines. H. H. Wagner and E. G. Magnus. 2,448,849, Sept. 7.
Rotor, Turbine. N. C. Price and H. A. Greenwood. 2,448,825, Sept. 7.
Safety stand. W. C. Troendle. 2,449,024, Sept. 7.
Salt-and-pepper shaker, Combination. T. W. Ryther. 2,448,625, Sept. 7.
Salts of alkyl phenol sulfides, Preparing. C. F. Van Gilder. 2,449,026, Sept. 7.
Sanitary container for brushes. T. D. Kevin and P. B. Payne. 2,448,603, Sept. 7.
Savings bank, Fatten-the-pig. J. W. Kimball. 2,448,807, Sept. 7.
Scaffold, Adjustable. R. A. Sundeen. 2,448,746, Sept. 7.
Scraper, Pipe exchanger. T. E. Schley. 2,449,012, Sept. 7.
Screens for the reception of projected images, Forming. R. O. Walker. 2,448,560, Sept. 7.
Screw cover wrench. E. H. Mattocks. 2,448,815, Sept. 7.
Screwdriver, Impact. J. C. McCorkhill. 2,448,995, Sept. 7.
Seal, Bearing. J. M. Wisniewski. 2,448,646, Sept. 7.
Sealing means for pumping apparatus. H. W. Jeffcock. 2,448,717, Sept. 7.
Sectional weaving loom. P. G. E. A. Vanlaer. 2,448,935, Sept. 7.
Seedling planting device. H. A. Macro. 2,448,899, Sept. 7.
Self-supporting, self-adjusting electric water heater. D. D. Owens. 2,448,617, Sept. 7.
Sensing and comparing means, Record. J. J. Robbins and R. T. Blakely. 2,448,830, Sept. 7.
Servo, Smoothing. F. P. Coffin, Jr., F. E. Bothwell, and P. D. Crout. 2,449,035, Sept. 7.
Sewing machine. M. L. Cook. 2,448,774, Sept. 7.
Sewing machine. C. C. Smith. 2,449,018, Sept. 7.
Shade, Window. W. A. Harju. 2,448,800, Sept. 7.
Sharpener, Knife. B. F. Schmidt. 2,448,629, Sept. 7.
Shopping bag handle. A. J. Laus. 2,448,894, Sept. 7.
Shoulder pad filler garment hanger. C. H. Nelson. 2,448,726, Sept. 7.
Showerhead. J. Fraser. 2,448,792, Sept. 7.
Shutter operating and control mechanism, Photographic. J. Rabinowitz. 2,448,736, Sept. 7.
Signal: *See*—
Torque tool with ratchet signal.
Signaling device, Emergency. M. Dwyer. 2,448,521, Sept. 7.
Silicone compositions, Modified. H. F. Jones. 2,448,530, Sept. 7.
Size gauging device. W. F. Aller. 2,448,653, Sept. 7.
Sled, Battle. J. W. O'Daniel. 2,448,545, Sept. 7.
Sliding door lock. A. Vanderveld. 2,448,748, Sept. 7.
Slitting machine. H. E. Van Derhoef and M. P. Davis. 2,448,934, Sept. 7.
Soap greases, Aluminum. F. J. Licata. 2,448,721, Sept. 7.
Solar water heater. E. E. Zideck. 2,448,648, Sept. 7.
Solenoid with armature. J. G. Oetzel. 2,448,727, Sept. 7.
Solenoid with plunger and latch. D. Conlan. 2,448,959, Sept. 7.
Spark gap device. E. R. Capita. 2,448,576, Sept. 7.
Sprayer, Nasal. J. F. Hunter. 2,448,803, Sept. 7.
Stabilization of photographic emulsions. W. L. Brice. 2,448,857, Sept. 7.
Stable colloidal solutions of metal sulfides, Preparing. F. F. Schwartz. 2,448,740, Sept. 7.
Stadia instrument, Automatic recording. D. H. Drayer. 2,448,965, Sept. 7.
Stand: *See*—
Safety stand.
Stand for supporting cable-thimble vise vertically or horizontally, Rotatable. R. M. Leveira. 2,448,535, Sept. 7.
Steel, Heat-treating and cold-rolling Hadfield manganese. C. W. Weesner, W. B. Lethingwell, E. R. Babylon, and H. L. Schell. 2,448,753, Sept. 7.
Steering linkage. J. J. Wharam and F. G. Loon. 2,448,851, Sept. 7.
Steering mechanism, Vehicle. W. H. Briggs. 2,448,701, Sept. 7.
Stem and socket combination. R. L. Hough. 2,448,980, Sept. 7.
Step bearing for gyratory crushers. C. C. Van Zandt. 2,448,936, Sept. 7.
Stop assembly, Rocket. W. H. D'Ardenne. 2,448,962, Sept. 7.
Stopper press die. J. O. Reid. 2,448,911, Sept. 7.
Strand and fabric, Composite. A. H. Davis. 2,448,782, Sept. 7.
Strap extender. L. L. Steigerwald. 2,448,839, Sept. 7.
Stripping in butadiene extraction. R. A. Given and W. S. Craft. 2,448,971, Sept. 7.
Styrenes, Preparation of substituted. C. E. Morrell and O. C. Slotterbeck. 2,449,004, Sept. 7.
Suction mold. A. E. Smith. 2,448,632, Sept. 7.
Sulfonamido disazo dye. C. F. H. Allen, C. V. Wilson, and G. F. Frame. 2,448,853, Sept. 7.
Support: *See*—
Adjustable eaves trough support. Dynamic damper support.
Surge generator. S. D. Livingston. 2,448,897, Sept. 7.
Surgical instrument, Endoscopic. W. W. Scott and A. Lutz. 2,448,741, Sept. 7.
Suspending agent for beverages. K. W. Karnopp. 2,448,599, Sept. 7.
Suspending device. G. Greenberg. 2,448,588, Sept. 7.
Switch: *See*—
Electric control switch. Pin anchored electric outlet and switch. Electric switch.
Switch. C. E. Mosley. 2,448,615, Sept. 7.
Switch mechanism for automatic stokers. G. W. Crise. 2,448,779, Sept. 7.
Switch with leakage compensation, Duplex. C. F. P. Rose. 2,448,623, Sept. 7.
Swivel, Fishing line. C. M. Brown. 2,448,954, Sept. 7.
Table: *See*—
Vertically adjustable bookkeeper's table.
Telemetric indicating system, Electrical vernier type. C. A. De Giers and L. M. Campani. 2,448,783, Sept. 7.
Terminal for vacuum tubes, Contact. S. J. Koch. 2,448,808, Sept. 7.
Tester, Hardness. W. A. Williams. 2,448,645, Sept. 7.
Therapeutic composition. R. L. Libby. 2,449,039, Sept. 7.
Thermal-mechanical element. H. Dickinson. 2,448,784, Sept. 7.
3-(2',6'-dimethylpiperidino)-propyl salicylate and acid addition salts thereof. S. M. McElvain and T. P. Carney. 2,448,998, Sept. 7.
3-(2'-methyl piperidino)-propyl-p-n butoxy benzoate and acid addition salts thereof. S. M. McElvain and T. P. Carney. 2,448,996, Sept. 7.
3-substituted benzotetronic acid and salts thereof, Preparation of. M. E. Hultquist. 2,449,038, Sept. 7.
Ticket holder. B. P. Mayo. 2,448,900, Sept. 7.
Toolholder for lathes. W. A. Gile. 2,448,586, Sept. 7.
Torch, Lighting. F. R. Rizer. 2,448,622, Sept. 7.
Torque tool with ratchet signal. H. W. Zimmerman. 2,449,034, Sept. 7.
Tracking aiming mechanism, Aided. P. J. McLaren. 2,448,612, Sept. 7.
Transmission. E. E. Eaton. 2,448,872, Sept. 7.
Transmission and control mechanism therefor, Motor vehicle. F. R. McFarland. 2,448,678, Sept. 7.
Transmission, Variable-speed. L. E. Jones. 2,448,598, Sept. 7.
Trap: *See*—
Animal trap.
Trap. J. Patrick. 2,448,618, Sept. 7.
Trays, Coin. T. E. Jensen. 2,448,982, Sept. 7.
Tray stack, Knockdown. J. W. Meinhardt. 2,448,679, Sept. 7.
Triphenylmethane dyestuff and pigment dyestuffs and making the same. A. H. Popkin. 2,448,823, Sept. 7.
Trigger housing group for firearms, Removable. J. and F. Koucky. 2,448810, Sept. 7.
Trigger mechanism. L. Browning. 2,448,765, Sept. 7.
Trimethylenebenzomorpholine azo compounds. J. B. Dickey and J. G. McNally. 2,448,869, Sept. 7.
Trough, Feed. C. E. Erickson and F. L. Zufelt. 2,448,707, Sept. 7.
Trousers, shorts, and the like. J. Dobson. 2,448,705, Sept. 7.
Tube: *See*—
Electron discharge tube.
Tube cutter. E. E. Condon. 2,448,578, Sept. 7.
Tube expander. N. Brackett. 2,448,512, Sept. 7.
Tuner. F. Wilburn. 2,448,642, Sept. 7.
Tuning unit, Ultra high frequency. N. T. Simopoulos. 2,448,554, Sept. 7.
Tunnel balance, Wind. H. M. Heuver. 2,448,528, Sept. 7.
Uncapper, Honeycomb. D. S. Crane. 2,448,775, Sept. 7.
Unloading device for mobile tractors. R. L. Woodward, Jr. 2,448,944, Sept. 7.
Valve: *See*—
Duplex four-way valve. High-low gas valve.
Valve. S. H. Edwards. 2,448,706, Sept. 7.
Valve. J. Roberts. 2,448,913, Sept. 7.
Valve for rock drills. H. O. Fossum. 2,448,875, Sept. 7.
Valve with operating position hold, Control. W. T. Stephens. 2,448,577, Sept. 7.
Vanilla flavor, Synthetic. C. Levy. 2,448,896, Sept. 7.
Vertically adjustable bookkeeper's table. W. F. Graeske. 2,448,710, Sept. 7.

View finder, Collapsible. G. P. Silberstein. 2,448,920, Sept. 7.
Vise, Cable splicing. F. J. Surk. 2,448,636, Sept. 7.
Vortex flow by pressure waves, Control of. E. N. Fales. 2,448,966, Sept. 7.
Wall structure, Prefabricated double. E. G. Stack. 2,448,926, Sept. 7.
Wall vessel, Double. R. A. Gulick. 2,448,589, Sept. 7.
Welding machine, Dental. N. Crombach. 2,448,865, Sept. 7.
Welding rod holder. A. W. McClary. 2,448,994, Sept. 7.
Wheel cover. G. A. Lyon. 2,448,536-7, Sept. 7.
Wheel feeding mechanism, Hydraulically operated. C. G. Flygare and C. G. Alvord. 2,448,874, Sept. 7.
Wheel for looms, Hand. A. C. Krukonis. 2,448,811, Sept. 7.

Window lift and fastener. A. Hoekstra. 2,448,977, Sept. 7.
Window regulator for automobiles and the like. L. S. Greenmun. 2,448,796, Sept. 7.
Window with revolving sash, Round. G. A. Brinson. 2,448,764, Sept. 7.
Wing and tail-plane elements of an airplane, Controlling the operation of. W. J. Hampshire. 2,448,712, Sept. 7.
Wire fabric, Fabricating welded. T. H. Wickwire, Jr. 2,448,941, Sept. 7.
Wrench: *See*—
Screw cover wrench.
Wrench for screw calks, Adjustable detent. B. Ingram. 2,448,805, Sept. 7.
Wrench having a pivoted yoke carrying an adjustable jaw, Pipe. L. C. Mead. 2,448,999, Sept. 7.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 7, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

1— 1: 2,448,833
8.1: 2,448,801
2— 42: 2,448,919
70: 2,448,705
94: 2,448,804
161: 2,448,697
230: 2,448,839
278: 2,448,928
4— 170: 2,448,798
5— 327: 2,448,924
6— 12: 2,448,775
2,448,986
8—116.2: 2,448,892
13— 9: 2,448,886
15— 93: 2,448,931
128: 2,448,607
16— 38: 2,448,980
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114: 2,448,894
17— 11: 2,448,693
18— 20: 2,449,008
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66— 166: 2,448,639
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52.5: 2,449,034
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103: 2,448,999
82— 40: 2,448,738
84— 319: 2,449,032
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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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CLASSIFICATION OF DESIGNS

D 2— 3:	Des. 150,827	D 3—26:	Des. 150,910	D 9— 2:	Des. 150,913	D45— 4:	Des. 150,877	D45—19:	Des. 150,869	D70— 1:	Des. 150,882
D 3— 4:	Des. 150,909	D 4— 3:	Des. 150,829	D10— 8:	Des. 150,912	16:	Des. 150,867		Des. 150,880	D73— 1:	Des. 150,879
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26:	Des. 150,897	D 8— 1:	Des. 150,834	D26— 1:	Des. 150,820		Des. 150,872		Des. 150,831		Des. 150,847
	Des. 150,898		Des. 150,835	14:	Des. 150,821		Des. 150,873	20:	Des. 150,892		Des. 150,848
	Des. 150,899		Des. 150,836		Des. 150,861		Des. 150,874	23:	Des. 150,853		Des. 150,849
	Des. 150,900		Des. 150,837	D33— 7:	Des. 150,883		Des. 150,875	D50— 4:	Des. 150,887		Des. 150,850
	Des. 150,901		Des. 150,838	13:	Des. 150,823	19:	Des. 150,855		Des. 150,888	D86—10:	Des. 150,826
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	Des. 150,907		Des. 150,844	D45— 1:	Des. 150,876		Des. 150,866	9:	Des. 150,854		Des. 150,893
	Des. 150,908		Des. 150,845	4:	Des. 150,864		Des. 150,868	D61— 1:	Des. 150,914		

U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE WAITE ET AL.

No. 5427. Decided May 4, 1948

[168 F.2d 104; 77 USPQ 586]

1. PATENTABILITY—INVENTION—CHANGE IN PROPORTIONS.
   Although it may be conceded that appellants have set out proportions of ingredients in the appealed claims, either specifically or by reference, which are not specifically disclosed by the prior art cited, *Held* that it is the rule that while a change in the proportions of an old combination may be inventive under some circumstances, it is not so unless the change be critical as compared with the proportions used in the old combination.
2. SAME—SAME—SAME—CRITICALITY.
   Held that one alleging a critical difference (that is a difference in kind as distinguished from a difference in degree) growing out of claimed proportions of ingredients must establish such criticalness by proof.
3. SAME—SAME—REFERENCE TO CLAIMS ALLOWED OTHERS.
   Held that this court will not allow rejected claims simply because similar claims may have been allowed by tribunals of the Patent Office in some other application, or even in the particular applications under consideration.
4. SAME—MILL ADDITION OPACIFIER.
   Certain claims to a mill addition opacifier and to the method of manufacturing the same *Held* properly rejected as unpatentable over the prior art.

APPEAL from the Patent Office. Serial No. 446,976.

AFFIRMED.

Roy F. Steward (*Elmer Stewart* of counsel) for Waite et al.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.*:

Appellants seek review and reversal of the decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner rejecting the twenty-eight claims of their application relating to alleged new and useful improvements in vitreous enamel opacifiers, "more particularly to compositions suitable for use as mill addition opaquing or opacifying agents, in conjunction with pre-smelted enamel frit and other constituents of an enamel mix, for production of white vitreous or porcelain enamels especially." No claims were allowed.

All the claims were rejected for lack of invention over prior art cited and claims 7, 15 to 18, inclusive, and 24 to 27, inclusive, were additionally rejected as being indefinite.

The appealed claims are numbered 1 to 7, inclusive, and 9 to 29, inclusive.

Claims 1 to 7, inclusive, and 15 to 29, inclusive, are process claims. It is noted that all the process claims after claim 1, except claims 28 and 29, refer to that claim. Each begins with the phrase "The process defined by claim 1."

Claims 9 to 14, inclusive, cover the product and each of those claims after 9 refers to it in the opening phrase, "A mill addition opacifier as defined in claim 9."

The following descriptive matter appears in the decision of the Board:

> The application relates to the manufacture of opacifiers for use in making vitreous enamel. The opacifier is used as "a mill addition" product and, as stated by appellants, is to be usually manufactured and supplied to enamelers for the purpose of being added to the mix that is smelted in producing the glass, which subsequently constitutes the bulk of the vitreous enamel coating. The opacifier, as covered in the numerous process and product claims, includes a mix capable when calcined of yielding a product consisting of three essential components, namely, calcium oxide, antimony pentoxide and titanium oxide. In some instances, as recited in many of the claims on appeal, calcium fluoride is added for the purpose of avoiding an undesirable yellow tinge in the finished vitreous enameled product. Some of the claims are drawn to the process of manufacturing the mill addition opacifiers and some to the opacifiers as a product. Many of them include the additional feature of washing the calcined product with water and dilute acid and all of them except 28 and 29 are limited to various different proportions of the oxides recited in the claims.

It is noted that claims 28 and 29 specify oxides of calcium, antimony and titanium, but do not designate the proportions as is done in the other claims. According to the statement of the Primary Examiner, the opacifier material, which is used for rendering the enamel opaque, is mill added in the grinding of the enamel frit.

As illustrative of the claims on appeal the Board quoted 1, 9, and 29 which read as follows:

> 1. The process of manufacturing compositions useful as mill addition opacifying agents in the production of vitreous or porcelain enamels, which comprises calcining material consisting essentially of intimately commingled oxides of calcium, antimony and titanium in finely divided condition, said oxides being so proportioned in the mix as to give a calcined product having a composition characterized by a predetermined correlation between the numerical values of the basicity ratio
>
> $$\frac{(TiO_2+Sb_2O_5)}{CaO}$$
>
> and the titanium-antimony ratio
>
> $$\frac{(TiO_2)}{Sb_2O_5}$$
>
> respectively, said numerical values lying within the total area represented by Area A plus Area D on the accompanying graph hereinbefore described, and by a molar proportion of antimony pentoxide within the range 0.10 and 0.90 when the molar proportion of calcium oxide is taken as 1.0.
>
> 9. A mill addition opacifier useful in preparing vitreous or porcelain enamels, consisting of the product of calcining an intimate mixture of oxides of calcium, antimony and titanium at reacting temperatures insufficiently high

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to smelt the mixture, the mixture being so proportioned that, in the calcined product, the basicity ratio

$$\frac{(TiO_2 + Sb_2O_5)}{CaO}$$

and the titanium-antimony ratio

$$\frac{(TiO_2)}{Sb_2O_5}$$

have numerical values which lie within the total area represented by Area A plus Area D on the accompanying graph hereinbefore described, and which bear a predetermined relation to one another, and the molar proportion of antimony pentoxide is not less than 0.10 nor more than 0.90 when the molar proportion of calcium oxide is taken as 1.0; enamel produced with such opacifier under standard test conditions having a reflectance value not more than 3 per cent lower (R-diff) than an enamel produced under the same conditions except for the use of tin oxide as opacifier.

29. In a process of manufacturing mill addition opacifiers which includes calcining a mix capable of yielding a calcined product consisting mainly of three essential components, calcium oxide, antimony pentoxide and titanium oxide, in intimate association, the further steps of washing said calcined product, first with dilute acid and then with water, to remove soluble base or alkaline material therefrom, followed by drying and pulverizing.

There were cited as references page 270 of a 1935 publication by Andrews (no other name given), relating to enamels, and the following patents: Harshaw et al., 2,033,707, March 10, 1936; Harshaw et al., 2,199,794, May 7, 1940; Harshaw et al., 2,200,170, May 7, 1940; McIntyre et al., 2,189,148, Feb. 6, 1940.

Claims 28 and 29 require consideration apart from the other claims.

We do not understand appellants to contend that any one of the process claims 2 to 7, inclusive, and 15 to 27, inclusive, is allowable unless claim 1 be found to be so, nor do we understand it to be contended that any one of the product claims 10 to 14, inclusive, is allowable unless product claim 9 be found to be so. On the other hand, if process claim 1 be found allowable, process claims 2 to 7, inclusive, and 15 to 27, inclusive, should also be allowed, and if product claim 9 be found allowable, product claims 10 to 14, inclusive, should also be allowed.

In view of this situation we do not deem it necessary to discuss in detail appellants' grouping arrangement of the claims in which they place claims 1 and 9 in a first group; claim 3 in a second group; claims 4 and 12 in a third group; claims 5 and 13 in a fourth group; claims 6 and 14 in a fifth group; claims 2, 10, 20–29 in a sixth group; and claims 7, 16–19 and 24–27 in a seventh group.

Many of the groups so designated seem to be based upon what are referred to as "Areas" shown in a drawing in the form of a graph and referred to in appellants' specification in connection with proportion ranges of the ingredients of the mix. This matter is hereinafter discussed as is the step of "washing" upon which appellants' group 6 appears to have been based in part.

Following the example of the Board, we first consider the broad claims 28 and 29, and what is said with respect to them will have application to certain phases of the controversy respecting other of the claims.

It will be borne in mind that both those claims disclose the use of the three essential oxide compositions—calcium, antimony and titanium—but does not disclose any specific proportions. Claim 13 of the Harshaw et al. patent, 2,199,794, reads:

13. A mill addition opacifier for vitreous enamels, the same being a calcination product and containing CaO, CaF_2, Sb_2O_5 and TiO_2 in approximately the proportions:

	Parts by weight
Calcium compounds	23 to 52
Antimony oxide	44 to 46
Titania	32 to 34

calcium fluoride being present to the extent of at least five parts by weight.

That clearly anticipates appealed claims 28 and 29, except for the washing provision of those claims. As to that feature there is some slight confusion as to the record showing, and it may be said that this matter is involved with respect to the twelve claims identified in appellants' group 6, as well as in claims 28 and 29.

In the brief for appellants it is said, in substance, that the prior art relied upon is devoid of any suggestion of washing a calcined opacifier composition of any kind "much less one produced as set forth and consisting essentially of calcium, antimony and titanium oxides."

The Primary Examiner who first listed the Andrews publication as a reference, in his statement following the appeal to the Board, said:

The function of washing in some of the claims is known, obvious and matter of choice. See Andrews page 270.

That is the only mention of Andrews in the Primary Examiner's statement, but the Board says flatly "The Primary Examiner states that the washing step is disclosed in the Andrews publication." Whether the Board thought it was so disclosed is not clear, but it is our impression that, as is suggested in the brief of the Solicitor for the Patent Office, it "proceeded to a decision without relying upon the publication." Its statement reads:

However, as stated above, we do not believe that any invention is involved in washing a calcined product to remove the alkaline material by using dilute acid and water since these steps are conventional in all processes of the character with which the application before us is concerned.

In our examination of the excerpt from the Andrews publication we fail to find anything which seems to us to admit of the interpretation that it discloses a washing step, but this is not conclusive of the issue upon this phase of the controversy.

As a matter of fact, we are not quite certain as to the extent of appellants' reliance upon the washing feature of the several claims in which it appears. The brief on their behalf states, "• • • while it is not an absolutely indispensable feature of appellants' broad invention, it is commonly of great practical advantage and, therefore, constitutes a part of the manufacturing process in what is regarded as the optimum embodiment of the invention." If appellants did, in fact, rely upon it—and, as has been indicated, it seems to be the only step upon which any reliance could be placed as to claims 28 and 29—it is our view that they should have taken action under Patent Office Rule 66 when the Primary Examiner rejected the claims independently of any reference, as he, in effect, did when he said "There is nothing unobvious seen in washing to remove soluble materials (e. g. claims 2, 8 [not now involved] and 10)."

It would seem that appellants might have required verification of the Primary Examiner's assertion by affidavit under Patent Office rule 66 and might have traversed it under rule 76, but this was not done. The holding of the Primary Examiner made seemingly upon the basis of his personal knowledge and without reference to the Andrews publication or other prior art is not shown to have been challenged before the Board, and we do not regard the holding of the Board as to the nonpatentability of the washing step as being actually at issue here in any of the claims of which that step constitutes a part. Clearly claims 28 and 29 were properly rejected.

The main issue with respect to all the claims except 28 and 29 relates to the question of the proportions of the various ingredients used in the mix.

It has been stated that each of the prior art patents discloses the use of the three basic oxide ingredients, that is oxides of calcium, antimony and titanium, and, it may be added, that with the exception of the patent to Harshaw et al., No. 2,033,707, each patent shows calcium fluoride also. The formulas are recited in the brief of the Solicitor for the Patent Office as follows (omitting page references):

The patent to Harshaw et al., 2,033,707 • • • relates to a vitreous enamel opacifier of CaO, Sb_2O_5, and TiO_2 in predetermined correlation.

The patent to McIntyre et al., 2,189,148 • • • relates to an opacifier including CaO, Sb_2O_5, TiO_2, and CaF_2.

The patent to Harshaw et al., 2,199,794 • • • relates to an opacifier for vitreous enamels including CaO, Sb_2O_5, TiO_2, and CaF_2 in predetermined correlation. It discloses a process for making the opacifier including calcining a mix • • •.

The patent to Harshaw et al., 2,220,170 • • • relates to an opacifier for vitreous enamels including CaO, Sb_2O_5, TiO_2, and CaF_2 in predetermined correlation.

The formulas, of course, are the same as the formulas of appealed claims 1 and 9, supra, except that calcium fluoride is not included in claims 1 and 9. It is, however, named as an ingredient, evidently affecting color, in a number of the other claims.

It seems to us that claims 1 and 9 (upon which all the other respective process and product claims depend) are rendered highly technical by the recitals therein respecting areas outlined on the graph, or drawing, which constitutes a part of the application. The brief on behalf of appellants declares:

It is possible to express the correlation of said proportioning factors in rectangular coordinates for the purpose of plotting specific opacifier compositions of the 3-essential-oxide type (i. e. consisting of the oxides of calcium, antimony and titanium) on a graph, so that the relation of the large number of appellants' new opacifiers to the very few of generally similar type actually disclosed by the prior art may be visually apparent. Any of several equivalent forms or systems of such rectangular coordinates may be used for the purpose, but with some the plotted points would be so crowded together as to be confusing. That adopted for the graph constituting the present application drawings • • • maintains the plotted compositional points reasonably well apart and was chosen for the greater clarity it affords.

The Board discussed the graph as follows:

The drawing accompanying the application on appeal illustrates the proportions and the various areas designated on the diagram are referred to in the claims either by defining the limits of the areas or by reciting them by their designating letters. The diagram is not of the usual character for designating the proportions of a three-element mixture such, for example, as a ternary diagram whereby the proportions may be more appropriately illustrated. Instead, the diagram utilizes for the unit of its vertical axis the molecular ratio of the titanium oxide and the antimony pentoxide and for the unit of its horizontal axis the molecular ratio of the sum of the titanium oxide and antimony pentoxide to the calcium oxide. This ratio is termed by applicants a "basicity ratio" and appellants note in their application that as the numerical value of the "basicity ratio" increases, the actual chemical basicity of the opacifier product decreases. This is for the obvious reason that applicants have elected to utilize the basic element CaO as the denominator of the fraction designating the ratio. This manner of designating the proportions of the oxides forms a diagram which, as held by the Primary Examiner, is distorted by expansion as compared with a simple diagram and this is suggested in the brief for appellants, who state that this form of diagram was adopted to maintain the plotted compositional points well apart. On this diagram a limited area L—L' and the point M are said to designate the field of proportions disclosed in the prior art. Applicants have designated various areas A, B, C and D, the broadest area A and D together constituting an area representing proportions practically surrounding the proportions disclosed in the prior art of record as indicated on the diagram. Areas B and C are specific areas within area A and are said to be preferred by applicants.

It appears to have been the view of the Primary Examiner, approved by the Board that appellants merely selected "fields of proportions of the oxides outside of the field of the prior art" and that "nothing unobvious or critical is shown to flow from such departure from the field of the art."

The Primary Examiner declared:

Applicants are not seen to have made such comparisons as show that the area of the art on the drawing may not as well be used as the field laid by applicants as their invention. Applicants have made no showing of tests from the field in which the references fall.

[1] Without entering into details it may be conceded that appellants have set out proportions of ingredients in the appealed claims, either specifically or by reference, which are not specifically disclosed by the prior art cited, but it is the rule that while a change in the proportions of an old combination may be inventive under some circumstances, it is not so unless the change be critical as compared with the proportions used in the old combination. In the case of *In re Dreyfus*, 22 CCPA (Patents) 830, 73 F.2d 931, 24 USPQ 52, 453 O. G. 961, a question was presented as to whether there was invention in increasing the number of parts of alkali per one part of water. Under the facts there appearing, we declared:

This is a very technical question, and before we would be warranted in reversing the decision of the Board of Appeals we think it should appear from the record that the increased proportion of alkali disclosed by appellant over that disclosed by Lilienfeld produces a result different in kind from the result produced by the process disclosed by Lilienfeld, and not merely different in degree.

The case of *In re Bergen*, 28 CCPA (Patents) 1184, 120 F.2d 329, 49 USPQ 749, 530 O. G. 502, is of similar purport.

We do not overlook the fact that here it is contended on behalf of appellants that criticalness has been demonstrated and we have carefully reviewed appellants arguments on that phase of the controversy.

[2] It is said at one point in the brief on behalf of appellants that they "went directly counter to, and eventually disproved, at least three teachings and beliefs of the prior art respecting 3-oxide opacifier compositions generally." The three teachings claimed to have been disproved are stated in the brief as follows:

(1) That certain other oxides are "equivalents" for calcium oxide and titanium oxide in such compositions,

and can be substituted therefor more or less indifferently without unfavorably affecting the character of the opacifiers.

(2) That the titanium oxide content was responsible for the yellowing tendency of such opacifiers, and that hence the proportion of titanium in the opacifier must not be so large as to result in a mole ratio of the titanium oxide content to the antimony oxide content that is substantially greater than about 3 : 1.

(3) That increasing the antimony oxide content tends to lower the opaquing power of the opacifier.

We fail to discern wherein appellants' discovery that certain oxides which the prior art indicated might be equivalents for calcium and titanium oxides could not, in fact, be satisfactorily substituted for them, has any bearing upon the patentability of the appealed claims. The brief of the Solicitor for the Patent Office aptly states:

> • • • the teachings alleged to have been disproved relate, not to the ingredients disclosed as being suitable for the mix to make an opacifier, but relate to the results thought by the respective patentees to flow from the particular ingredients individually. Whether they were right or wrong on their theories of why their alleged inventions worked the way they did is immaterial on the point of their disclosures of the particular ingredients mentioned as suitable for a mix for making opacifiers. *In re Modine*, 19 CCPA 1058, 57 F.2d 355 [12 USPQ 88]; *In re Ebert et al.*, 19 CCPA 1087, 57 F.2d 356 [13 USPQ 124].

It is asserted in appellants' brief:

> The boundaries of the areas on the graph corresponding to the limitations in appellants' claims are critical in the sense of providing a reasonably definite line of demarcation between appellants' invention on the one hand and, on the other, the prior art and undesirable or inoperative compositions.

We do not understand that by this appellants imply that the compositions embraced in the prior art are, as a whole, undesirable or inoperative. Rather, as we understand it, the meaning is that in some instances the particular proportions of the ingredients recited in the patents were found to be undesirable—possibly, from some standpoints (e. g. the color resulting from their use), inoperative. As to this, a difference of result in kind as distinguished from a difference in degree is not established merely by showing a change in proportions of ingredients, and we are not convinced that appellants have otherwise established the accomplishment of a result different in kind from the disclosure of the prior art. In *In re Selmi et al.*, 33 CCPA (Patents) 1187, 156 F.2d 96, 70 USPQ 197, 591 O. G. 160, we held (citing *In re Swenson et al.*, 30 CCPA (Patents) 809, 132 F.2d 1020, 56 USPQ 372, 549 O. G. 200) that one alleging a critical difference (that is a difference in kind as distinguished from a difference in degree) growing out of claimed proportions of ingredients must establish such criticalness by proof. That ruling has not been complied with in the instant case.

The Board said inter alia:

> The Primary Examiner points out that the diagram discloses that as the areas said to designate the prior art proportions are approached, a greater number of points indicating satisfactory results are found. In addition we note, for example, that the most remote point indicating a satisfactory experiment noted on the diagram indicating a basicity ration of about 4.46. How this experiment warrants the extension of the area staked out by applicants up to 5.0 on the diagram is not apparent. It is further noted that in the diagram rather widely scattered points within the areas selected by applicants indicate proportions said to illustrate successful experiments. There is nothing of record, however, to indicate that every other proportion within the areas will result in satisfactory or superior opacifiers. It is apparent therefore that applicants, on the basis of the several experiments, have not accurately determined the limits of the areas by experimentation. Likewise, it does not follow because some of the points within the areas selected by applicants represented successful proportions, that all of the points within the areas designated on the diagram represent successful proportions. We therefore agree with the position of the Primary Examiner that the contribution of applicants merely consisted in casting about in the field of proportions surrounding the prior art field for other proportions and, that, on the basis thereof, they have staked out areas avoiding the prior art.

As we understand the view of the Board of Appeals, it is that appellants have not opened up a new field of satisfactory three-oxide mill addition opacifier compositions, but that they merely cast about "in the field of proportions surrounding the prior art field," and by experimentation found some proportions differing from the prior art proportions which would work as well or possibly even better in degree than such prior art proportions, and "staked out" areas which they seek to monopolize although it has not been demonstrated that their proportions cover all the points within such staked out areas. The effect of the allowance of the appealed claims, therefore, would be to close the entire field and shut the public out from further experimentation such as is now open to it under the patents, without appellants having, in fact, contributed new matter to the art.

We fail to find any reason or reasoning which, in our opinion, would justify a reversal of the decision.

Reference is made in appellants' brief to alleged commercial success. We do not regard that matter as one necessary to be considered in this case, but even if it were, the affidavit concerning it seems to relate to a companion application and not to the one under consideration.

[3] Appellants also refer to some other patents which have been granted to other parties, and assert that they "afford further convincing evidence of the patentability of appellants' process and product."

We apprehend that there is no rule of patent law more firmly settled, nor any which has been more frequently stated, than the rule that this court will not allow rejected claims simply because similar claims may have been allowed by tribunals of the Patent Office in some other application, or even in the particular application under consideration. *In re Lee et al.*, 31 CCPA (Patents) 768, 139 F.2d 717, 60 USPQ 202, 560 O. G. 386; *In re Haller*, 34 CCPA (Patents) 1003, 161 F.2d 280, 73 USPQ 403, 603 O. G. 529.

[4] In view of our conclusion upon what obviously is the main issue in the case, which applies to all the appealed claims, we regard it unnecessary to pass upon the rejection of claims 7, 15, 16, 17, 18, 19, 24, 25, 26, and 27 upon the ground of indefiniteness, nor is it necessary to discuss minor collateral questions the determination of which would have no bearing on the result.

For the reasons indicated, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

REMBOLD *v.* CONNOR

No. 5450. Decided June 1, 1948

[— F.2d —; 78 USPQ 65]

1. INTERFERENCE—PRIORITY—CARDS FOR CLASSIFICATION PURPOSES.

Held that, in our study of the evidence, we have found nothing which would justify a reversal of the decision of the Board of Interference Examiners upon the matter of reduction to practice, and, therefore, the decision of the Board awarding priority to the appellee, the junior party, is affirmed.

2. SAME—CONCEPTION.

Where one of the material features of the count is the notching or slotting of the cards and appellant's testimony states that he did this upon the cards which constitute his Exhibit A with a pen knife, but he did not state when he did it, and where the Board of Interference Examiners held that this exhibit is sufficient to establish conception of the invention in issue and existence of the cards, Exhibit A, in 1940, *Held* that in the absence of any definite showing that the cards were notched by, or for appellant in 1940, it may well be questioned whether conception, as that term is understood in patent law, occurred in 1940.

APPEAL from the Patent Office. Interference No. 81,776.

AFFIRMED.

Boyken, Mohler & Beckley (*C. Willard Hayes* and *John J. Darby* of counsel) for Rembold.

Oscar A. Mellin (*Raymond W. Colton* of counsel) for Connor.

GARRETT, *P. J.*:

The party Rembold seeks reversal of the decision of the Board of Interference Examiners of the United States Patent Office, awarding priority to the party Connor upon the single count involved in Interference No. 81,776, which reads:

> 1. A stack of cards for classification purposes, each having a first row of coded perforations closely adjacent one edge thereof and a second row of similar perforations adjacent to and parallel with said first row, said perforations in each card being disposed in groups of eight with four perforations from each row in four pairs respectively in alignment in direction at right angles to said edge, card identifying means for sequence sorting comprising a pair of notches in said edge of certain of said cards terminating in a pair of openings in said first row only and in certain of said groups, identifying means for direct selection of cards from said stack comprising the aforesaid pairs of notches and a single notch in said edge to a single perforation in the second row of one only of certain others of said groups, any group of said perforations in any one card having one of said pairs of perforations notched out being different from any other group of said perforations in the same card having such single perforation slotted out, similar means identifying each of said four pairs of perforations but distinguishing each of said four pairs from each other, the said four pairs in each group being respectively identified by the printed numerals 7, 4, 2, 1.

The Board described the material subject matter of the count as follows:

> This interference relates to cards having coded perforations punched in their margins so that the desired cards may be extracted from the stack or that the cards, by proper manipulation, may be arranged in sequence. The cards have a pair of parallel rows of perforations along one or more edges of the cards. For direct extraction a single perforation is slotted out to the edge of the card and extends through two perforations, and for sequential sorting a pair of notches extending only to the first row of perforations is utilized. The actual sorting is accomplished by inserting needles through the perforations at the appropriate positions.

Rembold's application, Serial No. 522,440, was filed February 15, 1944; that of Connor, Serial No. 532,525, was filed April 24, 1944. Connor being the junior party it was incumbent upon him to establish priority by a preponderance of evidence.

It was held by the Board that Connor established conception and reduction to practice in December of 1941. That holding is acquiesced in by Rembold, the brief on his behalf filed before us stating:

> Rembold has no quarrel with the finding of the Board with respect to Connor Exhibit 10 and does not challenge the finding that Connor reduced the invention to practice in December 1941.

In view of this concession it is unnecessary for us to discuss in detail the evidence on behalf of Connor. He makes no claim to any earlier date.

With respect to Rembold, the Board said:

> Rembold relies on the set of cards, Rembold Exhibit A, for conception and reduction to practice in 1940. The corroborated evidence is deemed sufficiently convincing to establish conception of the invention in issue and existence of the cards, Exhibit A, in 1940.
>
> Rembold urges that the testimony of the witness Rentmeister provides adequate corroboration of the successful use of the Exhibit A cards in 1940, thus establishing a reduction to practice at that time.
>
> Rentmeister did testify that he manipulated the Exhibit A cards in 1940 to perform both direct and sequence sorting but he did not say whether or not he considered the operation of the cards as satisfactory. As a matter of fact, he admitted on cross-examination that the cards did not function very well because of the sharp prong of paper left when more than one hole was notched out, and that a punch was made at a much later date which would eliminate this difficulty.
>
> Rembold himself also testified that the projection between the two holes as in card 17 of Exhibit A was objectionable and held up the commercial production of this type of card • • •.
>
> There is no satisfactory evidence of any further work in the Exhibit A type of card between 1940 and 1943 when work was started on the commercial production of the improved form of Exhibit A in which the projection was eliminated. The patent application on the cards in issue was not filed until February 15, 1944 although several applications on related devices were filed in the period between 1940 and 1943.
>
> On the above showing we are unable to conclude that Rembold had reduced the invention in issue to practice by a satisfactory and successful use thereof prior to Connor's reduction to practice in December 1941; nor can we conclude that he was exercising due diligence in reducing to practice beginning just prior to Connor's entry into the field in December of 1941.

As we view the case, the only question involved is one of fact.

[1] In our study of the evidence, we have found nothing which would justify a reversal of the Board's decision upon the matter of reduction to practice.

Our only doubt is as to the correctness of its award of conception to Rembold in 1940. It is questionable whether its conclusion as to reduction to practice is consistent with its award of conception.

[2] One of the material features of the count is the notching or slotting of the cards. Rembold testified that he did this upon the cards which constitute his Exhibit A with a pen knife, but he did not state when he did it. As stated in the brief on behalf of Connor, "There is no evidence or testimony of any nature in this record that establishes the date when the slots were cut into the cards of Exhibit A."

In the absence of any definite showing that the cards were notched by, or for, Rembold in 1940, it may well be questioned whether conception, as that term is understood in patent law, occurred in 1940.

The decision of the Board is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE BRONSON ET AL.

No. 5331. Decided June 1, 1948

[— F.2d —; 78 USPQ 63]

1. PATENTABILITY—METHOD OF WAVING HAIR.

Where the wording of the appealed claims does not positively and unequivocally limit the claims to what is the essence of appellants' contribution to the art, i. e., that the heating current be disconnected from the heating element after the initial conversion of the waving solution into steam, *Held* that the language of the claims is broad, and that, when so considered, the claims do not distinguish over the references.

2. RULE 41—GENUS AND SPECIES—METHOD AND APPARATUS.

Though a generic method claim and a specific method claim have been allowed, the specific method claim being performed by means of apparatus, such as defined in the appealed apparatus claims, *Held* that, since the rejected apparatus claims do not contain the patentable limitation of the method claims, it cannot be said that they are directed to the same inventive subject matter as the allowed method claims, and *Held* that, therefore, it is not possible to designate the apparatus claims as species of any allowed method claim.

3. SAME—SAME—REQUIREMENTS.

Held that in patent law it is axiomatic that if claims are to be considered as being in the same genus and species relationship, they must fall into the same statutory class; that a genus claim must be for the same combination of elements as the species claims and define broadly the elements or steps which are variants in the several species, and that a generic claim should include no material element in addition to those recited in the species claims and must comprehend the organization covered in each of the species claims.

4. SAME—SAME—METHOD AND APPARATUS.

Held that the apparatus claims on appeal cannot be considered to be species of any method claims, because the invention defined by the claims are in different statutory classes.

APPEAL from the Patent Office. Serial No. 471,694.

AFFIRMED.

Kwis, Hudson, Boughton & Williams (*Lee L. Townshend, A. J. Hudson*, and *W. D. David* of counsel) for Bronson et al.

W. W. Cochran (*J. Schimmel* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the final rejection by the Primary Examiner of five claims of appellants' application for a patent, Serial No. 471,694, filed January 8, 1943, for a "Method of and Apparatus for Waving Hair." Method claims 3 and 8 were rejected as unpatentable over the prior art. The other claims involved in this appeal, claims 20, 21, and 22, which are in apparatus form, were rejected as not readable upon the elected species. Five method claims and three apparatus claims have been allowed.

Appellants' application relates to and describes a method of and an apparatus for waving hair in the form of the well-known "permanent wave." Strands of hair to be curled are wound upon a curler and treated with a suitable waving solution either before or after the said winding. The hair thus wound is then enclosed by a heat-insulated housing within which is a resistance heater, or an induction coil may be outside the housing. Sufficient heat is said to be generated by either of those means within from about five to about thirty seconds to convert the water of the waving solution into steam. The waving operation is completed by means of the residual heat retained in the heating element and the housing in from four to ten minutes after the application of heat has been stopped.

Claims 3 and 8 read as follows:

3. The method of permanently waving hair which comprises winding and tensioning a strand of hair on a curler, enclosing the wound strand and a waving solution in an enclosure, and electrically supplying a sufficient charge of heat to the assembly within a brief interval of time not exceeding thirty seconds to convert the solution into steam and to complete the waving of the strand.

8. The method of waving hair which comprises enclosing a wound and tensioned strand of hair, a waving solution and a heating element adapted to be electrically heated in a heat-insulated steam-retaining enclosure to form an assembly capable of storing sufficient heat to maintain the solution in the form of steam for a long enough period to complete the permanent waving of said strand, and introducing into said assembly the heat necessary to complete the permanent waving by electrically supplying heat-producing energy to said heating element for a period not to exceed thirty seconds.

Claim 20 is representative of the apparatus claims, and reads as follows:

20. In hair waving apparatus, a plurality of cooperating non-metallic members adapted to form an enclosure for a wound strand of hair, a metallic heating element in said enclosure, a wire coil adapted to be temporarily brought into surrounding relation to said enclosure, and means for supplying high-frequency current to said coil for inductively heating said heating element.

The references relied upon in the rejection of claims 3 and 8 are Slavick, 1,939,323, December 12, 1933; Freudenberg et al., reissue 21,994, January 6, 1942.

The Slavick patent relates to a method and a device for waving hair. In the method of the patent, a waving solution is applied to a strand of hair which is then wound tightly upon a curler. Then the strand thus wound is placed in a casing in which there is a resistance heating element spaced from the curler upon which the hair has been wound. Electrical current is then turned on and the solution converted to steam, the temperature of the hair being raised to about 250° F. The heat treatment is continued for from four to seven minutes.

In the Freudenberg et al. patent a method is disclosed wherein strands of hair are wound upon a mandrel or curler, and when thus wound, enclosed in a pad wet with a waving solution: The moistened pad is backed by metal foil to which preheated clamps are applied to impart heat to the pad. The clamp has been heated to such a high degree that when it is applied, the waving solution reaches a steaming temperature in about twenty seconds. The clamp remains in position from one to three minutes. It is then removed and the hair allowed to cool.

Both of the tribunals below rejected claims 3 and 8 as unpatentable over the Slavick patent in view of the Freudenberg et al. reference. With respect to claims 20 to 22 inclusive, the Board stated in its decision that even though a generic method claim, such as claim 2, had been allowed no generic apparatus claim had been allowed, and, therefore, the Board rejected those claims as being drawn to a non-elected species.

It is stated by counsel for appellants in their brief that it is not broadly new to apply heat electrically to the wound strand or hair, nor is it broadly new to subject such strand to steaming during the waving operation.

Claims 3 and 8 depend for novelty and patentability, as stated in the brief of appellants, upon

> electrically supplying a sufficient charge of heat to the assembly within a brief interval of time not exceeding thirty seconds to convert the solution into steam and to complete the waving of the strand.

It may be noted that that quotation is the last step defined in those claims, although set out in somewhat different language in claim 8.

[1] It may be quite true, as contended by appellants, that according to the quoted language the entire charge of heat occupies only a thirty seconds interval, after which no additional heat is supplied to the assembly, and that the waving operation is completed by the initial heat upon the same principle as that which obtains in a "fireless cooker." It may be noted, however, as was pointed out in the decision of the Board, that those claims call merely for electrically supplying heat for an interval not exceeding thirty seconds, but the wording of those claims does not include the step of continuing the waving operation after the heating current has been interrupted.

The position of the Board was that the operation recited in those claims does not require that the heating current be disconnected from the heating element after the initial conversion of the waving solution into steam. We agree with that reasoning because, in our opinion, the wording of claims 3 and 8 does not positively and unequivocally limit the claims to what is the essence of appellants' contribution to the art. That contribution is the concept of disconnecting the supply of current after its brief flow in order to limit discomfort to the customer by reason of being forced to remain "connected up" to a permanent waving machine.

It appears to us that the language of those claims is broad enough to indicate that the electric current is utilized to quickly convert the water into steam and is thereafter used to complete the waving of the hair. When so considered, the claims do not distinguish over the references. The method disclosed in the Freudenberg et al. patent is that a steaming temperature is reached within twenty or thirty seconds after the application of the preheated clamps. In the method of the Slavick patent, the water of the waving solution is converted into steam by means of the resistance heater. Therefore, it would seem that to apply sufficient energy to the resistance element of the Slavick device to produce steam within twenty seconds, as is taught by the Freudenberg et al. patent, would be within the skill of the art and, therefore, non-inventive.

[2] With respect to claims 20 to 22 inclusive, appellants contend that because a generic method claim 2 and a specific method claim 9 have been allowed that the rejection of claims 20 to 22 inclusive is improper. It is argued that because the method of allowed claim 9 is performed by means of apparatus, such as defined in claims 20 to 22 inclusive, that those apparatus claims are directed to the same subject matter of invention as claim 9, and, therefore, should be retained in the same application. We can not agree with such contention. It was said in the decision of the Board that generic and specific method claims were allowed for the reason that they recited that the waving operation is continued after the heat producing energy supply has been interrupted. That interruption is the patentable limitation contained in those claims. The rejected apparatus claims contain no such limitation, and, therefore, it can not be said that they are directed to the same inventive subject matter as allowed method claims 2 and 9. [3] Furthermore, we are in agreement with the argument of the solicitor, that in patent law it is axiomatic if claims are to be considered as being in the same genus and species relationship, they must fall into the same statutory class, and that a genus claim must be for the same combination of elements as the species claims, and define broadly the elements or steps which are variants in the several species. A generic claim should include no material element in addition to those recited in the species claim, and must comprehend the organization covered in each of the species claims. [4] Clearly the apparatus claims of appellants can not be considered to be species of any method claims, because the invention defined by the claims are in different statutory classes. Each method claim herein includes the limitation of "discontinuing" the energy applied to the heating element, and no such limitation appears in the apparatus. Therefore, it is not possible to designate the apparatus claims as species of any allowed method claim.

For the reasons hereinbefore set out, the decision of the Board is Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE HALL

No. 5458. Decided May 4, 1948

[168 F.2d 92; 77 USPQ 618]

1. CLAIMS—HEATING SYSTEM—UNDUE BREADTH.

Where the claim defines a "thermal means responsive to temperature conditions of said heating system for mechanically disconnecting etc." and appellant's application discloses no system to effect such disconnection when the temperature is reduced, but only when the temperature is increased, *Held* broader than the disclosure.

2. SAME—LIMITATION—FUNCTIONAL.

Held that the limitation "a switch that operates in response to small reversals in the direction of the temperature change of the heating means," is only a statement of function.

3. PATENTABILITY — INVENTION — MANUAL CONTROL OF MOTOR SPEED NOT.
It does not involve invention to provide a manual speed control on any motor.

4. SAME—REFERENCES—WHEN NOT AVAILABLE.
Matters known only after the filing date of an application are not available as references against such application.

5. CLAIMS—INTANGIBLE ELEMENT—"SPACE."
Held that the word "space" cannot be considered as anything tangible; it is something without limits or might be aptly described as "nothing."

6. SAME—VAGUE, FUNCTIONAL AND INDEFINITE.
Where the claims positively recite certain elements without showing the manner in which those elements are "interconnected," but describe various functions which might or might not be performed in the operation of the list of elements depending on the manner of their interconnection, *Held* that the claims are vague, functional and indefinite.

7. SAME—AGGREGATION—HEATER STRUCTURE AND THERMOSTATIC SWITCH.
Where the claim recites specifically the heater structure, and a thermostatic switch, the two being capable of completely independent use, *Held* that the claim was properly rejected on the ground of aggregation.

8. PATENTABILITY—CONTROL SYSTEM FOR BURNERS.
Certain claims to a control system for burners *Held* properly rejected for indefiniteness, lack of proper disclosure, functionality, aggregation, and for want of patentability over the prior art.

APPEAL from the Patent Office. Serial No. 347,951.

AFFIRMED.

William D. Hall pro se.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the final action of the Primary Examiner in rejecting claims 3, 4, 18, 19, 29, 30, 32, 33, and 35 to 40 inclusive of an application for a patent, Serial No. 347,951, filed July 27, 1940, for "Control Systems." One claim was allowed.

The Examiner had before him thirty-eight claims. Appeal was taken from his decision to the Board of Appeals on twenty-six claims. The appeal here involves the above-numbered fourteen claims.

The claims were rejected for reasons of indefiniteness, lack of proper disclosure, functionality, inaccuracy, incompleteness, exhausted combination, aggregation, and for want of patentability over the prior art reading as follows: Scudder, 1,583,238, May 4, 1926; Nelson, 2,172,667, September 12, 1939; Black, 2,207,776, July 16, 1940; Spackman, 2,243,609, May 27, 1941.

For the reason that all of the rejections are before us for review, it is necessary to deal individually with each of the claims and the grounds for their rejection.

Appellant in his brief states that "Appellant has invented a simple and practical control system for burners." He presented to the Patent Office an application, the specification of which fills twenty-three printed pages of the record. The Primary Examiner in a so-called "Brief Statement of Invention" has taken four pages to describe appellant's device. The Board refers to the disclosure as "briefly described" in the Examiner's statement. The brief of appellant appears to agree with the description of his device given by the Primary Examiner. The Solicitor does not attempt to give his own description of the device defined by the rejected claims. The record here is long, the number of claims many, and the brief of appellant voluminous in dealing with a "Simple and Practical Control for Burners."

The primary object of appellant's device is to provide a heater which may be operated in an automobile without being connected to the engine thereof, and, therefore, capable of supplying heat when the automobile engine is not running. The invention is not limited, however, to such use, as appellant states in his specification that it may be used "almost any place that fuel burning heaters are now used."

We will describe appellant's device somewhat more concisely as it appears from the simple diagrammatic drawings of the application. We deem it proper to observe at this point that the allowed claim appears to us to be a simple claim for a simple invention.

Appellant's diagrammatic drawings disclose a fuel tank from which fuel is drawn into a mixer from which it enters a combustion chamber in which there is a ceramic disc designed to maintain ignition once the fuel has been ignited, and also a hot wire igniter for the original ignition of the fuel. From the combustion chamber carrying the heat generated therein is a pipe which is connected to a pipe radiator. At the end of the radiator pipe and extending therein is a blower fan, called by appellant a "pump" which, by reason of its revolving speed, draws the heat through the system and blows it finally from the exhaust end of the radiator pipe. The blower fan or pump together with another fan in axial alignment therewith are operated from a single motor. The second fan blows air over the combustion chamber and radiator. The air, heated by contact with the radiator and combustion chamber, circulates through the area sought to be heated. The pumping fan is driven by the motor through a clutch which includes a bimetallic strip, and the circulatory fan is likewise driven through another clutch which includes a bimetallic strip. A thermostatic strip is shown for further control of the elements hereinbefore described, and the speed of the motor is adjustable by a rheostat.

The patent to Scudder relates to a heating method and device in general relation to a hot air heating installation. As illustrated, a heating system is shown as applied to an oil burning installation in a furnace for heating a dwelling. The patent discloses a furnace plant in which a single motor forces air through a conduit into a combustion chamber and also sucks the air to be heated from another conduit into an enclosed space surrounding the heating radiator. The system contains a switch which thermostatically controls the speed of the motor. It is clear that, depending upon the speed with which the motor is running, the supply of air to the combustion chamber may be varied in proportion to the amount of air blown by the fan over the heating element so that maintaining of the heat means at a relatively predetermined temperature is attained in the system of the patent.

The Nelson reference relates to an air conditioning type of a heating furnace of the forced draft type. It discloses a furnace using oil as a fuel and shows a single motor which drives two fans for circulating air over a combustion chamber, and also a blower fan for "supporting combustion of fuel."

The patent to Black is for an automobile heating device. It discloses a combustion chamber in which there is a refractory member. The fuel supply is gasoline or other hydrocarbon fuel which is brought into the combustion chamber through a conduit. There is shown a fan similar to the pump fan of the involved application, by means of which the flow of fuel from its source into the combustion chamber is effected. The device also includes a second fan designed to propel heated air from over the radiator into the passenger compartment. A single motor is provided for driving both fans. The patent device, however, does not show anything similar to the thermostatic couplers disclosed in the involved application.

The Spackman patent relates to a heater for motor vehicles and particularly to controls for regulating the amount of air heated and circulated by the heating apparatus. The device of the patent contains a thermostatic element which operates in the same manner as the thermostat disclosed in appellant's application. The heater of the patent shows a combustion chamber in which the fuel mixture is lighted by an igniter, and the heat generated in the combustion chamber is brought into the radiator. A motor is shown which is designed to drive a propulsion fan for circulating air over the radiator thus bringing heat into the interior of the passenger compartment. The amount of heat is controlled by a button handle aided by a switch blade including a bimetallic thermostatic element. The switch blade is positioned near the end of the radiator.

[1] Claim 3 reads as follows:

3. In a fluid fuel burning heating system, a combustion chamber, a source of fluid fuel supply, a pump for effecting flow of fuel from said source into said combustion chamber to constitute the main fuel supply for the combustion chamber, heat dissipating means cooperating with said combustion chamber, said heat dissipating means including a circulating fan, a single motor for driving both said pump and said fan, and thermal means responsive to temperature conditions of said heating system for mechanically disconnecting said pump and said motor in response to predetermined changing thermal conditions of the system.

That claim was rejected as being broader than the disclosure of the application. It was held the claim is so broadly drawn that it could cover a system in which the disconnection of the motor from the pump or blowing fan would be effected whenever the temperature is reduced and also when the temperature is increased. The tribunals of the Patent Office stated that appellant's application discloses no system to effect such disconnection when the temperature is reduced and for that reason held that the claim covers more than is disclosed. The Primary Examiner observed it would be obvious that a device in which the pump would be disconnected from the motor when the temperature would fall would lack any utility. Whether or not that observation of the Examiner is correct, we are convinced from a careful examination of the involved application that claim 3 is broader than the disclosure. We agree that it has been properly rejected.

Claim 4 reads as follows:

4. In a fluid fuel burning heating system, a combustion chamber, a pump for effecting flow of fluid fuel into said combustion chamber, heat dissipating means communicating with said combustion chamber, said heat dissipating means including a fan for carrying heat away from the heat dissipating means, a common motor which constitutes the sole means for driving both said pump and said fan, and thermal means responsive to the temperature of said heat dissipating means for controlling the operation of said motor.

It was rejected as being fully met by the Black reference or as substantially met by the Nelson patent. In the devices of each of those patents, a single motor drives the fuel injecting means and the heat distributing means. The Black patent discloses a thermostat responsive to space temperature. That thermostat is a control means such as is defined in claim 4. There can be no doubt but that the thermostat of Black is effected by the temperature produced in the combustion chamber. We think it would be obvious to apply such thermostatic control to the Nelson structure. Appellant in his brief, with respect to claim 4, states that the issue may be reduced to the simple question, "Was it proper to construe the words 'responsive to the temperature of said heat dissipating means' as reading on a room thermostat?" If a room thermostat is not "responsive" to a heat dissipating means, we do not know what use such thermostat would have. Clearly the rejection of claim 4 by the tribunals below was proper.

Claim 18 reads as follows:

18. In a heating system, fuel burning heating means, means to affect the operation of said heating means including a switch that operates in response to small reversals in the direction of the temperature change of the heating means, means operable to vary the fuel flow to said fuel burning heating means, and means for maintaining said heating means at a relatively predetermined temperature in response to wide variations in the feed of fuel thereto.

That claim was rejected as being vague and indefinite for the reason that it does not in any way indicate what the effect of the "said heat means including a switch" may be on the operation of the heat means. The Board held that, insofar as the claim can be considered definite, it "constitutes a mere list of elements without specifying the relations between them whereby they will cooperate to perform any function." The "means for maintaining said heating means at a relatively predetermined temperature in response to wide variations in the feed of fuel thereto." reads on the device of the Scudder patent in the same manner as it reads on the involved application. In the Scudder patent, the fan brings in the air to be heated and also supplies the air for fuel combustion.

[2] With respect to claim 18, appellant argues that the limitation "a switch that operates in response to small reversals in the direction of the temperature change of the heating means," should warrant allowance of that claim. That limitation is

only a statement of function. *In re Hill*, 34 CCPA (Patents) 783, 158 F.2d 1001, 72 USPQ 263, 599 O. G. 7. In our opinion claim 18 is a mere recitation of elements without specifying the relationship between them whereby they will cooperate. *In re Collins*, 22 CCPA (Patents) 1053, 75 F.2d 1000, 25 USPQ 38, 458 O. G. 440.

Claim 19 was rejected as fully met by the Scudder or the Black reference in view of the patent to Spackman. The claim reads as follows:

19. In a heating system, fuel feeding means having means cooperating therewith for burning the fuel and including means operable to greatly reduce the quantity of fuel fed to the fuel burning means, control means operable in response to a large drop in temperature of the system for stopping the feed of fuel thereto, and means for maintaining the system at a relatively predetermined constant temperature when the feed of fuel is intentionally reduced by operation of the first-recited means, whereby the control means does not stop the feed of fuel when the supply of fuel is intentionally reduced.

[3] The control means called for in the claim is a manual motor control as illustrated in one of the figures of appellant's application. The device of the Scudder patent shows such control, and, in our opinion, it does not involve invention to provide a manual speed control on any motor. The Primary Examiner considered that the thermostat switch of the Scudder and the Black patents would respond to small reversals in the direction of the temperature change of the heater means recited in the claim. He stated "In the Scudder device, the heating element will be maintained at a substantially constant level regardless of the absolute heat production. The addition of a thermostatic safety switch to either Scudder or Black which will stop the motor and consequently the fuel feed when there is a large drop in temperature is conventional practice and does not involve invention." Appellant states that if that last quoted sentence is taken at face value, it implies that on the date of the Examiner's statement other persons had already applied such thermostats to the Scudder and Black devices. Appellant says he probably should have challenged such statement as inaccurate and required proof thereof, but did not do so because such statement does not allege such conventional practice prior to appellant's filing date, and that, therefore, the use by the Examiner of the words in the present tense indicates only that such things were conventional on the date when the statement was written. Appellant's position in that respect is not sound. [4] It is true that matters known only after the filing date of an application are not available as references against such application. *In re Lewis*, 25 CCPA (Patents) 1273, 1275, 96 F.2d 1009, 37 USPQ 786, 497 O. G. 18.

The statement concerning "conventional practice" as used by the Examiner in relation in claim 19, in our opinion, intends to relate to what was known in the art at the time of the filing of the application. Surprisingly enough appellant concedes in his brief that thermostatic switches for stopping fuel motors on a large drop of temperature is old. In this connection he stated "Had those switches been used on an ordinary heater whose fuel rate was reduced, such a switch would shut the heater down whenever the fuel rate was intentionally reduced." We can see no error in the rejection of claim 19.

Claim 29 was rejected as inaccurate. It reads as follows:

29. In a heating system, a sealed combustion chamber, a fuel feed line to said combustion chamber, an exhaust line therefrom, movable means including a pump in said exhaust line to create such a high vacuum in said exhaust line as to draw fuel in said fuel feed line and said movable means also including air flow producing means for producing a stream of moving air to carry away the heat generated by combustion of the fuel, said pump and said air flow producing means being mechanically connected together, and means responsive to the temperature of a portion of the system in the vicinity of the said combustion chamber to prevent existence of a flame in said chamber without at the same time stopping said air flow producing means.

It was held below that the application does not disclose "means responsive to the temperature of a portion of the system in the vicinity of the said combustion chamber to prevent existence of a flame in said chamber without at the same time stopping said air flow producing means." Appellant contends that if the heating system overheats, one of his thermoclutches disconnects the fuel pump so that no fuel can flow. That may be true enough, but it is also true, as pointed out by the Board in its decision, that any fuel which may remain in the combustion chamber can burn, and there is no positive means disclosed which would prevent the existence of a flame in the chamber. Of course when the fuel supply is stopped, the flame will sooner or later become extinguished, but such extinguishment is not a prevention of the existence of such flame. It appears to us that the claim is not supported by the disclosure of appellant's application.

Claim 30 was rejected as unpatentable over the Black reference in view of the Spackman patent. The claim reads as follows:

30. In a space heater; a vacuum system comprising a sealed combustion chamber, a fuel feed line to said combustion chamber, and an exhaust line therefrom including a radiator communicating with said combustion chamber and heated by the exhaust gases therefrom; an electrically operated igniter for igniting the feed of fuel passing to said chamber; thermostatic means affected by a rise in temperature of the vacuum system for deenergizing said igniter; movable means for setting such a high vacuum in said exhaust line as to draw fuel to said combustion chamber through said fuel feed line; means mechanically connected to and driven mechanically by said movable means for blowing air over said radiator and therefrom to the space to be heated; and means comprising a thermostatic element near the vacuum system and in the path of said air for preventing existence of proper vacuum conditions to support combustion in response to an excess temperature of said element.

Claim 30 was rejected on the Black patent in view of the patent to Spackman, the Board stating that the claim is directly readable on the Black patent except for "means comprising a thermostatic element" which appears in the last clause of the claim. That means, as was pointed out below, merely defines a thermostatic control for the motor, and since the device of the Spackman patent discloses a thermostat, no invention would be involved in providing one to control the motor. A thermostat is disclosed in the Spackman patent near the heater which corresponds to the "vacuum system" of the claim. It is true, as pointed out by appellant, that the Board of Appeals in its decision stated that the Black patent does not disclose anything like appellant's thermostatic coupler, and the Board did not hold that the thermostat in the Spackman system controls a fuel motor. The system in the Black patent contains a thermostat which responds to rise in temperature above a predetermined maximum which will open the main circuit to the motor which drives both fans of the Black device. It was held by the Examiner that it was not inventive to place the switch means of the Black system in the position of the switching means of the Spackman patent, namely "in the path of the said air" as called for in the claim. It is clear to us that claim 30 was properly rejected.

Claim 32 reads as follows:

32. In a heating system; a combustion chamber; a fuel feed line thereto and a radiator cooperating therewith; an electrical resistance igniter for initiating combustion of fuel at said combustion chamber; means for effecting feed of fuel through said fuel feed line and for blowing air to be heated over said radiator, comprising a common single driving means, an electrical circuit which when deenergized stops said driving means; and thermostatic switching means, responsive to the temperature of the radiator, for controlling the energization of said igniter and of said circuit according to combustion conditions.

That claim was rejected on the prior art in the same relationship as claim 30. Appellant contends that the final clause in claim 32 provides for a switching means designed to control the igniter in his combustion chamber and his motor. He urges that such means and such relationship is not disclosed in either the Black or Spackman system. An examination of the Spackman patent convinces us that his thermostatic switch controls both his igniter and his motor by means of which his fan is driven. It would not require invention to apply the same dual control in a system such as is shown in the Black patent, where the motor also drives a fuel pump. We are in accord with the reasoning of the tribunals of the Patent Office in their rejection of that claim.

Claim 33 reads as follows:

33. In a heating system, a space where fuel is burned, a fuel feed line to said space, movable means including a pump to effect feed of fuel through said fuel feed line to said space and also including air flow producing means mechanically connected to said pump for producing a stream of air which carries away the heat generated in said space, and means responsive to the temperature of the stream of air immediate of the heating space for stopping combustion in said space by reducing the feed of fuel thereto without reducing the speed of the air flow, in response to predetermined changing thermal conditions.

[5] That claim was held to be unpatentable because of the inclusion of the word "space" as a positive element. The Board stated that it recommended, under the provisions of rule 139 of the Rules of Practice, U. S. Patent Office, that the word "space" wherever it occurs in claim 33 be changed to the word "chamber" in order to avoid the inclusion of the word "space" which the Board stated to be an intangible element. The Board agreed that, if such changes were promptly made, the claim would be allowed. The Examiner rejected that claim on the prior art, but the Board did not affirm that ground of rejection. Appellant contends that the fuel burning chamber is not a major element in claim 33, referring to his specification wherein it is stated that appellant's system is not limited to use in automobiles, but may be used in almost any place where fuel burning heaters are used. Appellant mentioned that gas fireplaces and other heaters do not have a "chamber." The word "space" in our opinion can not be considered as anything tangible. It is something without limits, or might be aptly described as "nothing." It is incomprehensible to us why appellant should object to the substitution of the word "chamber" for his word "space." He surely could not operate his system with the horizon of the earth and the arc of the sky as his boundaries, and how in the world he could carry away heat generated in "space" is beyond comprehension.

Claim 35 reads as follows:

35. In a heating system, a combustion chamber having a fuel feed input and an exhaust output, a radiator having an input fed by said exhaust output and having an exhaust end, a thermostat situated near and responsive to the temperature of the exhaust end of said radiator, a circulating fan for passing a stream of air across said radiator whereby the amount of heat carried away from said radiator depends on the speed of said fan, a pump which effectuates feed of fuel through said combustion chamber depending on the speed of said pump, and a common motor driving said fan and pump, and means for varying the speed of said motor; said fan, radiator and thermostat being so constructed and arranged that operation of the motor at different speeds will effect such flow of air across said radiator as to effectuate a heat dissipation effect proportional to the change in fuel rate of said pump and thereby prevent wide variations in the temperature of said thermostat when the speed of the pump is varied.

The claim was rejected below as unpatentable over the Black reference in view of the patents of Spackman and Scudder. The rejection of the claim by the Examiner as incomplete and functional was not sustained by the Board which ruled that the claim does not differentiate from the prior art merely by reason of the functional language contained therein. The expression "which effectuates feed of fuel through said combustion chamber depending on the speed of said pump," and "said fan, radiator and thermostat being so constructed and arranged that operation of the motor at different speeds will effect such flow of air across said radiator as to effectuate a heat dissipation effect proportional to the change in fuel rate of said pump and thereby prevent wide variations in the temperature of said thermostat when the speed of the pump is varied." are the portions of the claim properly held by the tribunals below to be in functional language. In our opinion, the ruling of the Board is correct. It is contended by appellant that claim 35 calls for a preferred location of the thermostat adjacent to the radiator. He states in his brief that the Black system does not show "a thermostat situated near and responsive to the temperature of the exhaust end of said radiator;" that it does not show "means for varying the speed of said pump." and that it lacks a showing of the entire last clause in the claim following the semicolon. The system in the Spackman patent shows a thermostat switch means adjacent to the radiator. A means for varying the speed of the pump is disclosed in the Scudder device which shows a rheostat for varying the speed of the driving motor of the device. Claim 35, as far as its structural elements are concerned, is clearly unpatentable over the prior art as held below, and can not be differentiated from said art by reason of the functional language herein set out.

Claim 36 provides for the device of claim 35 including in addition "electrically operated igniter controlled by said thermostat," and claim 37 defines the device of claim 35 with the addition of the limitation "in which said thermostat controls said motor."

Those claims were rejected for the same reasons given for the rejection of claim 35, and we think properly so.

[6] The Board of Appeals agreed with the decision of the Primary Examiner rejecting claims 38 and 39 as unpatentable by reason of being vague, functional, and indefinite. They read as follows:

38. The combination with a heater that derives its heat from combustible fuel, of a pump for effectuating fuel flow to said heater, a circulating fan for passing a flow of air across a portion of said heater, means interconnecting the pump and fan to effect proportional speeds thereof and thereby effectuate a cooling effect across said portion of said heater which is proportional to the heat generated by the heater and thereby prevent wide variations in temperature of said portion of said heater upon change in speed of said pump, means whereby the speed of said pump may be widely varied, electrical means operable to start and stop the pump, and a thermostat affected by the temperature of said portion for controlling said electrical means.

39. The combination with a heater that derives its heat from combustible fuel, of a pump for effectuating fuel flow to said heater, a circulating fan for passing a flow of air across a portion of said heater, means interconnecting the pump and fan to effect proportional speeds thereof and thereby effectuate a cooling across said portion of said heater which is proportional to the heat generated by the heater and thereby prevent wide variations in temperature of said portion of said heater upon change in speed of said pump; the last-recited means comprising a motor for driving both said pump and fan and including speed changing means for varying the speed of said motor, electrical means operable to ignite the combustible fuel at said heater, and a thermostat affected by the temperature of said portion for controlling said electrical means.

A mere reading of those claims, whose positive elements, as recited therein, comprise a pump, a heater, a fan, means interconnecting the pump and fan which includes a motor, speed change means, electrical igniter means, and a thermostat for controlling the electrical ignition means, without showing the manner in which those elements are interconnected, but describing various functions which might or might not be performed in the operation of the list of elements depending on the manner of their interconnection, makes it clear to us that claims 38 and 39 are vague, functional, and indefinite.

[7] Claim 40 was rejected as being drawn to an aggregation. The claim reads as follows:

40. In a heater with combustion control, the combination with a combustion space; a radiator which communicates with the combustion space to receive the exhaust gasses therefrom; a place to be heated; a circulating fan for transferring the heat from said radiator to the place to be heated; a pump for effecting supply of fuel to said combustion space; a common motor, electrically driven, for propelling both said pump and said fan; means connected to said motor, pump, and fan to couple the three together and effectuate operation of all three at proportional speeds; and electric motor circuit for supplying current to the motor; and a thermostatic switch associated thermally with said radiator and depending for its operation upon the temperature in the close vicinity of the radiator, said switch comprising a thermostatic element, a sliding operating member which is moved in a first direction by the thermostatic element when the latter is rising in temperature and is moved in the other direction when the latter is falling in temperature, and means including contacts in series with said circuit for maintaining such contacts and the circuit closed as long as the thermostatic element is applying force on said operating member in the first direction and maintains the circuit broken when the thermostatic element is applying force on said sliding member in the other direction.

The Primary Examiner held that claim 40 should be rejected on the ground of aggregation for the reason that it covers the aggregation of a heater structure and a thermostatic switch of general application. The Examiner stated "Inasmuch as it is the heater structure which has been elected for prosecution in this application it is considered that the thermostatic switch structure should be eliminated from the claim. It appears to be obvious that the two instrumentalities are capable of completely independent use and furthermore that they are separately classified and searched." The Board agreed with the reasoning of the Examiner.

From a careful examination of claim 40, it seems obvious to us that the claim was properly rejected on the ground of aggregation for the reason advanced by the Primary Examiner and affirmed by the Board.

[8] We have carefully considered the contentions of appellant with respect to all the involved claims and find them to be without merit.

Therefore, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE HOCK

No. 5461. Decided June 1, 1948

[168 F.2d 540; 78 USPQ 75]

1. PATENTABILITY—INVENTION—CHANGE IN SHAPE.
   Where the only difference between the structure defined by an appealed claim and the reference is the specific shape of certain elements, and where the structures of other patents show that it is old to employ elements of the specific shape defined in the claim, *Held* that there would be no invention in view of those patents to employ these specific shaped elements in the device of the primary reference.
2. SAME—SAME—EVIDENCE OF—COMMERCIAL SUCCESS—CONSIDERED ONLY IN DOUBTFUL CASES.
   Where the record contains affidavits tending to prove commercial success of appellant's structure, and where it may be conceded that commercial success has been established, *Held*, nevertheless, that such success may only be properly considered in doubtful cases, and because it is clear to us that appellant's device is unpatentable over the prior art, there is no room for doubt.
3. SAME—SAME—CIRCULATOR.
   Certain claims for the combination of a container adapted to contain a liquid to be heated and a liquid circulator within the container *Held* properly rejected as unpatentable over the prior art.

APPEAL from the Patent Office. Serial No. 444,153.

AFFIRMED.

Joseph A. Rave (*J. Harold Kilcoyne* of counsel) for Hock.

W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner finally rejecting all of the claims, 19 to 30 inclusive, of appellant's application, Serial No. 444,153, for a patent "For Circulator." Claims 19 to 23 inclusive and claim 30 were rejected as unpatentable over the prior art. Claims 24 to 29 inclusive were rejected as being drawn to a non-elected species, and, therefore, need not be considered in this court upon their merits. Should we find a generic claim allowable, the rejection as to claims 24 to 29 inclusive should be reversed. If the court should find no generic claim allowable, the decision appealed from should be affirmed because it is not contended that claims 24 to 29 inclusive are not drawn to non-elected species.

While seven references are cited in the decisions below, in view of our conclusion it is necessary only to refer to the following of such references: Roos, 248,796, October 25, 1881; Hoernel et al., 1,852,777, April 5, 1932; German patent, 617,641, August 22, 1935; Tay, 2,166,067, July 11, 1939; Smith, 2,183,509, December 12, 1939.

Claim 19 is generic and illustrative of the subject matter of the involved claims and reads as follows:

19. In a device of the class described the combination with a container adapted to contain a liquid to be heated and means associated with said container for heating the liquid, of a liquid circulator within the container for further supplying heat to said liquid and causing a rapid circulation of the liquid within the container and comprising an inner cylinder with a central passage and a length somewhat in excess of the transverse dimension of the central passage, an outer cylinder spaced from the inner cylinder having a length substantially equal to that of the inner cylinder and with the ends of said cylinders connected to one another to form a chamber around the passage way of the inner cylinder, a steam distributor in said chamber at the upper end for simultaneously supplying the steam to the entire upper end of the chamber, a steam supply pipe connected to said distributor, and a discharge pipe at the lower end of said chamber for drawing off products of condensation in said chamber.

The alleged invention relates broadly to a kettle, having at the bottom thereof a steam jacket and an interior drum comprising two nested cylinders forming an annulus between the walls thereof, which are connected at their tops and bottoms. The drum is designed as a steam heating cylinder. The contents of the kettle are heated and circulated by means of the steam jacket and the steam heating circulator within the kettle. At the top of the annular chamber between the nested cylinders is a perforated ring through which steam is supplied to the annulus, and at the bottom of the chamber is a pipe through which the condensed steam is withdrawn. The liquid in the kettle and within the chamber is heated by the steam within the annulus, and by reason of such heating, the liquid rises from the bottom and through the top of the interior space of the cylinder. That rising of the liquid causes a circulation of the contents of the kettle, drawing it in at the bottom of the cylinder which is spaced from the bottom of the kettle. The use of the device is stated to result in an improved circulation of the liquid in the kettle.

The Roos patent relates to an apparatus for cooling or heating liquids. It discloses a large liquid container within which is a cylindrical heating member. An annular chamber is formed between the interior and outer cylinders comprising the heating member, which is positioned above the bottom of the container. A heating fluid is supplied to the interior of the annular chamber.

The Hoernel et al. patent relates to cooling systems and an object of the invention is said to be the removal of entrapped air, gas, or vapor from a cooling system. The device of the patent discloses a vent pipe extending from the upper portion of a heat exchange unit and connected with the liquid discharge pipe from the bottom of said unit.

The German patent relates to a high capacity supplementary boiler. There is disclosed a hollow spherically shaped container or kettle which is steam jacketed at the bottom thereof, and an interior hollow annular member of relatively spherical shape. Steam is supplied to the annulus of the interior member through a perforated pipe in the upper part thereof.

The Tay patent relates to a juice heating unit. That patent as well as the Roos patent discloses a cylindrical heating member comprising throughout the length thereof an annular chamber. The heating member is located within a larger liquid heating receptacle and is spaced above the bottom of the receptacle. The heating fluid is supplied to the interior of the annular chamber.

The Smith patent relates to a water cooler. That patent, like the patent to Hoernel et al. discloses a vent pipe from the upper portion of a heat exchange unit to the liquid discharge pipe at the bottom of the unit.

Heat exchanging kettles with steam jackets are old in the art, and it is admitted in appellant's specification that it is not new to use auxiliary means within the kettle to increase the circulation and heating of the contents thereof.

The illustrative claim recites a liquid container and means for heating the liquid therein. A similar container and interior heating means is shown in the device of the German patent except that the central passage in the German means is not cylindrical throughout. It flares slightly outwardly at the top or the bottom or at both ends of the cylinder. The ends of the interior and outer walls of the interior heater of the German patent are joined to form an annular chamber around the central passage. A steam distributor is located at the upper end of the annular chamber for the purpose of supplying steam therein, and a discharge pipe is located at the bottom of the chamber through which condensed steam may be drawn off.

[1] The only difference between the structure defined by claim 19 and the structure of the German reference is the specific shape of appellant's interior circulating member and the passageway therethrough. The structures of the Roos and Tay patents show that it is old to employ an interior cylindrical circulator with a cylindrical passage therethrough. Clearly there would be no invention in view of those patents to employ the cylindrical chambers and passages thereof in the German device. If, as urged by appellant, the shape of the cylindrical pipe of his interior heater possesses greater advantages, we are of opinion that such advantages are inherent in the structure disclosed in the Roos and Tay patents, and certainly would be obtained in the German structure if the circulator were made cylindrical throughout as shown by the structures in the Roos and Tay patents. Moreover, there is nothing in the record to disclose any comparison between tests of appellant's structure and of the German structure. Therefore, it can not be said that appellant's structure possesses any unexpected superiority

by reason of its shape over the spherical interior heater of the German patent.

[2] There are affidavits in the record tending to prove commercial success of appellant's structure. Conceding everything that is stated in those affidavits to be true, and that commercial success has been established, nevertheless, such success may only be properly considered in doubtful cases, and because it is clear to us that appellant's device is unpatentable over the prior art, there is no room for doubt. That principle has been constantly and consistently adhered to by this court since it first took over its patent jurisdiction, and has been so often reiterated that it is unnecessary to recite any authorities in support thereof.

Claim 20 recites as an additional element to claim 19 a vent pipe which extends from the top of the chamber to the discharge pipe at the bottom thereof for drawing off air from the top of the chamber. Such vent pipe is old as disclosed in the Smith patent and in the Hoernel et al. patent. Clearly no new or unexpected result would follow if a vent pipe were added to the device of the German patent.

While claim 21 states that the circulator is supported by legs and the structure of the German patent shows it to be suspended from the top of the vessel, the matter of support is merely an obvious mechanical expedient. Moreover, the structure of the Roos patent discloses legs for supporting the circulator. It is also recited in claim 21 that the steam supply pipe enters the circulator at the top thereof. We agree with the Board that it is not a matter of patentable distinction as to where such steam pipe enters the structure.

We do not deem it necessary to discuss claims 22, 23, and 30 for the reason that they are generally similar to the claims we have already analyzed.

We are convinced that the rejection of the claims by the tribunals below was without error, and, therefore, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

MANTZ *v.* KRONMILLER

No. 5466. Decided May 4, 1948

[168 F.2d 100; 77 USPQ 628]

1. INTERFERENCE—CLAIM COPIED FROM PATENT—RIGHT TO MAKE—COUNT UNAMBIGUOUS.

When it is conceded by the parties that the count is not ambiguous, *Held* that it must be given the broadest interpretation which it will reasonably support.

2. SAME—SAME—SAME—"LATCH MEANS."

Held that "latch means" is broader in scope than the word "latch," and that appellee's application clearly discloses "latch means" such as conforms to the limitation of the count.

3. SAME—PRIORITY—SAFETY VALVE FOR GAS BURNERS.

Held that appellee's disclosure clearly supports the count in issue, and that the decision of the Board of Interference Examiners awarding priority to appellee is affirmed.

APPEAL from the Patent Office. Interference No. 81,590.

AFFIRMED.

Brown, Jackson, Boettcher & Dienner (*Charles V. Hildebrecht* of counsel) for Mantz.

George H. Fisher (*Frederick E. Lange* of counsel) for Kronmiller.

JACKSON, *J.*:

This is an appeal in an interference proceeding from a decision of the Board of Interference Examiners of the United States Patent Office awarding priority of the subject matter of the single count to appellee.

The interference involves a patent to appellant, No. 2,321,095, dated June 8, 1943, on an application filed July 24, 1939 and an application of appellee, Serial No. 87,706, dated June 27, 1936. Therefore, appellee is the senior party.

The involved count is a claim copied by appellee from the patent to appellant after it had been issued and reads as follows:

1. In a device of the character described, in combination, a controlling member having an operative position and a safety position, latch means for holding said controlling member in operative position, an electromagnet, an armature for said electromagnet which, by movement to retracted position, releases said latch means for movement of said controlling member to safety position, and reset means for actuating said armature to attracted position and in the actuation of the armature to attracted position being operable to move said latch means to position to pick up said controlling member for actuation thereof to operative position.

Appellant moved to dissolve the interference on the ground that appellee could not make the count. The Primary Examiner, after hearing, denied the motion. The Board of Interference Examiners on final hearing reviewed the question of appellee's right to make the count and agreed with the holding of the Primary Examiner, and accordingly awarded priority of invention of the subject matter of the count to appellee.

The sole question before us is whether or not appellee has the right to make the count.

The subject matter out of which the interference arises relates to a safety valve for gas burners. The valve through which the gas is fed on its way to the burner closes when the pilot light is extinguished. Specifically, the invention in issue relates to a thermocouple shut-off device which operates through a comparatively slight electromotive force produced by the thermocouple which is exposed to the heat of a pilot flame. While the pilot flame is burning, the flow of fuel to the main burner continues. When the pilot flame is extinguished, an electromagnet, which was energized by the thermocouple, becomes deenergized, and the shut-off device cuts off the flow of fuel to the burner by being moved into a closed or safety position.

Apparatus of the type here involved are old in the art and the issue here is only concerned with an arrangement of elements comprising latching means designed to maintain a controlled member of the safety shut-off device in an open or closed position.

In order that the device of appellee may be more readily understood, we reproduce Fig. 9 of his application which represents the valve in an open position.

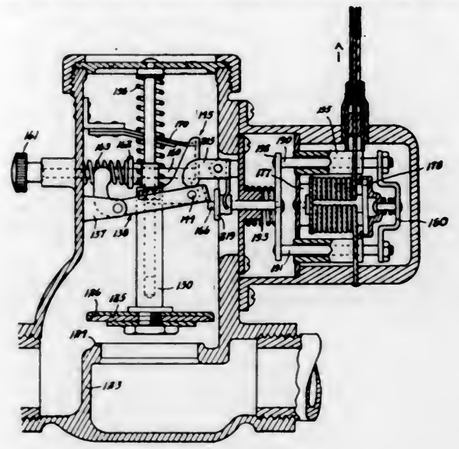


Fig. 9.

Referring to the drawing, the numeral 125 represents the valve disc, which is the controlling member. It will be observed that gas coming through the section of pipe (unnumbered) at the lower left side of the figure passes downwardly through the aperture between the valve disc and the valve seat 124 and thence through the pipe (unnumbered) shown at the lower right part of the drawing to the main burner (not shown). The valve disc 125 is secured to the valve stem 130. The valve stem is spring biased to closed position by the spring member 156. Member 177 is one of the two cores of an electromagnet. The cores are electrically connected to the thermocouple, which it is unnecessary to show in the drawing, but which in appellant's apparatus would appear above the upper right of the drawing along the line indicated by the arrow. Cooperating with the electromagnet is armature 178 carried by yoke member 180. The yoke member is connected to the slidable pin 166, which extends into the valve casing. The function of spring 193 is to bias the armature away from the electromagnet and to draw pin 166 outwardly from the casing. The valve in its open position, as shown in the drawing, is so maintained by the arrangement of a bell crank lever 145 pivotally connected to valve stem 130 and also to the bell crank lever 138, at 144, which it will be observed cooperates with the pin 166. The pin 166 stays in the position shown in Fig. 9 as projecting under the outer right end of lever 138 as long as the electromagnet is energized. The spring 163 serves to bias the lever 145 on its pivotal connection with lever 138 holding valve disc 125 in open position as long as the levers 138, 145, and pin 166 are engaged. When the pin 166 is drawn to the right by reason of deenergizing the electromagnet, the spring 156 pushes the valve disc 125 down to closed position. Knob 161 is the resetting member. That knob and stem 160 cooperate with the upwardly extending arm of the bell crank lever 145. When the thermocouple becomes deenergized by reason of extinguishment of the pilot light, the valve immediately assumes a closed position. It will be seen that to bring about such closed position, the spring 193 is effective to draw the pin 166 from under the bell crank lever 138, and due to the expansion of spring 156, the bell crank levers fall into a downward position together with the stem and the control member. When the spring 193 pulls the stem 166 from the open position, it also pushes the armature 178 away from the posts of the electromagnet. In order to reset the device, the knob 161 is pulled outwardly. This causes the collar 162, by engagement with the upright arm on the left of bell crank lever 138, to swing that lever in counterclockwise movement from the above mentioned downward position. After the right end of bell crank lever 138 passes in counter clockwise movement above the position of pin 166, the lever 138 engages the inwardly extending curved arm of the small bell crank lever 215, causing the downwardly extending narrow arm of lever 215 to engage the collar 219 moving the pin 166 into holding position, shown in Fig. 9 beneath the right end of lever 138, and the armature 178 is pulled into attracted position.

When the pilot burner has again been lighted and has heated the thermocouple so as to energize the electromagnet strongly enough to hold the armature 178 in attracted position, the reset knob is released and the pin 166 will continue to support the lever 138, as shown in Fig. 9 and the spring 163 will hold the stem 160 inwardly. In its inward resetting movement, the stem 160 engages and swings the bell crank lever 145 in clockwise movement about the pivot 144 on the lever 138 and such movement of the lever 145 opens the valve disc member 125.

[1] It is conceded by the parties that the count is not ambiguous. Therefore, it must be given the broadest interpretation which it will reasonably support. *Bechtold* v. *Lanser*, 23 CCPA (Patents) 1051, 82 F.2d 415, 29 USPQ 130, 470 O. G. 723; and *Henry P. Field* v. *Audley Hart Stow*, 18 CCPA (Patents) 1437, 49 F.2d 840, 9 USPQ 347, 412 O. G. 557.

Appellant contends that the structure of appellee does not meet the limitation of the count for "latch means for holding said controlling member in operative position" and the further limitation for the "reset means for actuating said armature to attracted position and in the actuating of the armature to attracted position being operable to move said latch means to position to pick up said controlling member for actuation thereof to operative position."

Appellant contends that the tribunals below erred in considering lever 138, lever 145, and pin 166 of appellee's structure as the "latch means for holding said holding member in operative position." Appellant argues that even if the lever 138 of appellee's device is considered as part of the latch means, the bell crank lever 145 is not a latch means nor a part thereof. It is urged in appellant's brief that lever 138 is not latching means nor in anywise a part of

the latching means, for the alleged reason that it simply operates to open the valve disc 125 and to retain it in open position under the thrust of the spring 163 which opens and holds the valve disc 125 in open position when the bell crank lever 138 is held in appropriate position by pin 166.

Appellant seems to rely upon the definition of the word "latch" and quotes from Webster's New International Dictionary as follows:

> A movable piece which holds anything in place by entering a notch or cavity; specif., the catch which holds a door or gate when closed, though it be not bolted. To catch or fasten by means of a latch.

Appellant also quotes from Funk and Wagnall's College Standard Dictionary the definition of the word "latch" as "A catch for fastening a door, lid, shutter, etc., commonly not requiring a key."

[2] Seemingly, in connection with his contention concerning the latch means as set forth in the count, appellant relied before the Board of Interference Examiners on such dictionary definition, because in its decision the Board mentioned that according to the dictionary definition of the word "latch" it is not necessarily a single element but may be a combination of elements which include operating members. The Board further stated that the addition of the word "means" to the word "latch" has a broadening effect. Pointing out that because the valve in appellee's device can not be held in open position by latch pin 166, except through the cooperative instrumentality of the bell crank levers 138 and 145, the Board was of the opinion that the decision of the Primary Examiner, with respect to elements 166, 138, and 145, was proper.

There can be no question but that when the controlling member 125 is in the open or operative position that it is so held by latch means. This, in our opinion, is made clear from an examination of Fig. 9, which shows bell crank lever 138 resting on the retractable pin 166. However, without the cooperation of the lever 138, lever 145, and pin 166, it is obvious that there can be no latching.

We agree with the reasoning of the Board of Interference Examiners that "latch means" is broader in scope than the word "latch" and that appellee has clearly shown, for the reason herein given, that his structure possesses in elements 138, 145, and 166, in their cooperating action, "latch means" such as conforms to the limitation of the count which calls for "latch means for holding said controlling member in operative position."

There can be no question but that the reset knob 161, when pulled to the left brings the armature 178 into attracted position. When the knob 161 is pulled outwardly, the collar 162 rocks the left elevated arm of crank lever 138 in counterclockwise movement. Then lever 138 and lever 145 are moved to a juxtaposition and the downward movement of the lever 138 is prevented by the pin 166. In that movement, lever 145 elevates valve stem 130 so as to actuate the valve to open or "operative" position.

It is contended by appellant that, even though the lever 145 should be considered as part of the latch means, the count can not apply to the structure of appellee for the reason that that lever is alleged to be unmoved by actuation of the armature "to attracted position" by the reset member "to position to pick up said controlling member for actuation thereof to operative position," as called for in the count. He makes that contention for the reason that lever 145 is pivotally connected with the valve stem and thus he alleges there can be no picking up of that stem by the lever 145. With respect to that contention, the Board held, and properly so in our opinion, that the language in the count does not require that the latch means, in order to pick up the control member, must be out of contact with the stem, and, therefore, in that respect, the disclosure of appellee supports the count.

[3] We are in thorough agreement with the reasoning of the Board, as we have above set out, in its holding that appellee's application clearly discloses "latch means for holding said controlling member in operative position." The count does not require that the latch means be out of contact with the stem, and, therefore, we hold that the involved application definitely shows "reset means for actuating said armature to attracted position and in the actuation of the armature to attracted position being operable to move said latch means to position to pick up said controlling member for actuation thereof to operative position" as called for in the count.

The decision of the Board of Interference Examiners is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE FREEDLANDER ET AL.

No. 5163. Decided June 1, 1948

[168 F.2d 535; 78 USPQ 77]

1. PATENTABILITY—METHOD—SPECIFIC MATERIAL USED NOT A STEP IN THE METHOD.
   Where the reference clearly discloses each of the manipulative steps set forth in the appealed claims, but it is urged that the patentable distinction resides in the fact that the reference does not disclose the specific material used by appellants in one of the steps of the method, *Held* that the specific material used does not constitute a new step in the method.
2. SAME—OLD METHOD—NOT RE-PATENTABLE BECAUSE APPLIED TO A NEW AND ANALOGOUS MATERIAL.
   An old method cannot be rendered patentable by applying it to a new and analogous material.
3. PRACTICE—STATEMENT OF FACT—ACCEPTED AS CORRECT IF UNCHALLENGED.
   Where the Board of Appeals stated that "fiber reinforcements in extruded or molded rubber materials are well known," and appellants did not question that statement nor call for an affidavit supporting it, *Held* that it must be accepted as correct.
4. PATENTABILITY — DRAFT APRON — ADVANTAGES IN CLAIMED ARRANGEMENT—MECHANICAL SKILL.
   Where appellants contend that there are special advantages involved in arranging fibers transversely of the longitudinal axis of the draft apron, *Held* that the claimed arrangement involves nothing more than the exercise of ordinary mechanical skill.
5. SAME—SAME.
   Certain claims to a method of making a draft apron involving the use of a layer of rubber-like material reinforced with fine textile fibers parallel to each other and transverse of the longitudinal axis *Held* properly rejected on the prior art.

APPEAL from the Patent Office. Serial No. 507,080.

AFFIRMED.

Toulmin & Toulmin (*H. A. Toulmin, Jr.*, *Herbert H. Brown*, and *John M. Mason* of counsel) for Freedlander et al.

W. W. Cochran (*J. Schimmel* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting all of the claims, Nos. 3, 6, and 8 to 11, inclusive, in appellants' application for a patent for a method of making a draft apron for textile machinery, on the ground of lack of invention over the prior art.

Counsel for appellants moved to dismiss claims 8 and 10. The motion will be granted.

Claims 3 and 11 are sufficiently representative of the claims before us on appeal. They read:

> 3. The method of making a draft apron for textile machinery which comprises depositing a layer of rubberlike material reinforced with fine textile fibers laid parallel to each other and transverse of the longitudinal axis on a cylinder or mandrel, placing thereover a layer of substantially inextensible cord, covering and impregnating the cord with a layer of rubberlike material, vulcanizing the built-up body, and grinding or abrading the surface to produce a proper working surface.
>
> 11. The method of making a draft apron for textile machinery which comprises placing a layer of rubberlike material reinforced with fine textile fibers laid parallel to each other and transverse of the longitudinal axis on a cylinder or mandrel, placing thereover a layer of substantially inextensible cord, superposing thereon a layer of textile free rubberlike material of substantially the same thickness as the first mentioned layer of textile reinforced rubberlike material, vulcanizing the built-up body, and grinding or abrading the surface to produce a proper working surface, whereby there is produced an apron in which the cord layer is equidistantly spaced from either surface thereof and in which one surface consists of rubberlike material reinforced with fine textile fiber and the second consists of textile free rubberlike material.

The references relied on are: Cragne et al., 77,173, April 28, 1868; Hosli (British), 8,413, November 23, 1905; Lowry (British), 443,642, March 2, 1936; Bemis, 2,157,093, May 9, 1939; Bacon, 2,315,763, April 6, 1943; Billmeyer, 2,377,316, June 5, 1945.

Appellants' application relates to the making of draft aprons. The aprons are endless belts which are used in drawing out textile fibers preliminary to spinning operations. In appellants' process a tube of rubber-like material, reinforced with textile fibers extending transversely to the longitudinal axis of the apron is deposited on a mandrel and a layer of cord is placed over it. The cord layer is then covered and impregnated with rubber-like material and the assembly is vulcanized and ground or abraded to provide a proper "working surface."

The Board of Appeals held that the Hosli and Cragne et al. references did not appear to be pertinent and that the patents to Bemis and Lowry were merely cumulative to the disclosure in the patent to Billmeyer. Accordingly, the only patents which need be considered here are those to Billmeyer and Bacon.

The patent to Billmeyer discloses a method of making a draft apron in which a layer of synthetic rubber is placed on a mandrel and a layer of cord is wound over it. A second coating of synthetic rubber is then applied over the cord, additional fabric and facing layers are applied and the assembly is vulcanized and its surface is ground or buffed.

The patent to Bacon discloses a method of making lug straps, in which rubberized fabric is applied to a drum, a layer of cord is wound over it, more rubberized fabric is applied over the cord, and the assembly is molded and vulcanized.

Both the Examiner and the Board held all the appealed claims unpatentable over the disclosure in the patent to Billmeyer although they applied the reference somewhat differently. The Board, as pointed out by counsel for appellants, apparently misconstrued certain claims in holding that the longitudinal axis referred to is that of the mandrel rather than that of the apron.

[1] The patent to Billmeyer clearly discloses each of the manipulative steps as set forth in the appealed claims. In seeking to distinguish the appealed claims over the reference, counsel for appellants rely on the statement in each of those claims that the inner layer includes reinforcing fibers laid parallel to each other and transverse to the longitudinal axis of the apron.

[2] The patent to Billmeyer does not disclose reinforcing fibers in the inner layer. However, the specific material used for the inner layer does not constitute a new step in the method. The novelty, if any, in this feature resides in the article and not in the method. An old method cannot be rendered patentable by applying it to a new and analogous material. See *In re Saunders et al.*, 33 CCPA (Patents) 1001, 154 F.2d 693, 69 USPQ 341, 590 O. G. 11, and cases therein cited.

[3] It was stated by the Board of Appeals that "Fiber reinforcements in extruded or molded rubber materials are well known." Appellants did not question that statement nor call for an affidavit supporting it, and it must, therefore, be accepted as correct. See *In re Pirani and Nitschke*, 22 CCPA (Patents) 1002, 75 F.2d 223, 24 USPQ 411, 457 O. G. 246; *In re Eliot*, 22 CCPA (Patents) 1088, 76 F.2d 309, 25 USPQ 111, 459 O. G. 3; and *In re Lewis*, 25 CCPA (Patents) 1273, 96 F.2d 1009, 37 USPQ 786, 497 O. G. 18. Accordingly, the broad idea of using fiber reinforcements in the inner rubber-like layer of the structure disclosed in the patent to Billmeyer would not involve invention.

[4] Counsel for appellants contend that there are special advantages involved in arranging the fibers transversely to the longitudinal axis of the apron. The arguments advanced in support of this contention have been carefully considered, but we are of opinion that the claimed arrangement involves nothing more than the exercise of ordinary mechanical skill.

[5] We are of opinion that claims 3, 6, 9, and 11 were properly rejected on the patent to Billmeyer. It is unnecessary, therefore, that we con-

sider the rejection of the appealed claims on the disclosure in the patent to Bacon.

The appeal is dismissed as to claims 8 and 10.

For the reasons stated, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE WALTERS

No. 5440. Decided May 4, 1948

[168 F.2d 79; 77 USPQ 609]

1. INVENTION—SUBSTITUTION OF MATERIALS—COATING AND WRAPPING MATERIALS.
   It is the general rule that, in the absence of any unexpected result, the substitution of one material for another is not a matter of invention. The rule has been specifically applied to coating and wrapping materials.
2. SAME—STATEMENT OF COUNSEL NOT EVIDENCE.
   Where statements of counsel in the brief are that results of using appellant's specific material are revolutionary and marked the greatest advance in many years, *Held* that there is no evidence of record to substantiate these statements, and that statements of counsel cannot take the place of evidence.
3. SAME—MAGNETIC CORE.
   Certain claims to a magnetic core having a protective envelope comprising an oil modified alkyd resin *Held* non-inventive in view of a reference showing a ceramic material as such a protective envelope and a reference showing that oil modified alkyd resins are used as protective coatings.

APPEAL from the Patent Office. Serial No. 433,766.

AFFIRMED.

Harry C. Duft and *Cecil B. Hamilton* for Walters.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the Primary Examiner's decision rejecting claims 17 and 18 in appellant's application for a patent for an invention on a magnetic core, on the ground of lack of invention over the prior art. Claims 1, 3, 8 to 13, inclusive, 19 and 20 of the application have been allowed.

The appealed claims read:

17. In a magnetic core, an annealed core body comprising magnetic particles and an inorganic insulating binder, and a protective envelope enclosing said body, said protective envelope co[illegible]sing a layer having as a binder solely an oil modified [illegible]kyd resin.

18. In a magnetic co[illegible] a core body composed of magnetic material and an inorganic insulating binder, and a protective envelope enclosing said body, said envelope comprising a layer having as a binder solely a reaction product of phthalic acid and glycerine modified with a fatty acid derived from a drying oil.

The references relied on are: Edgar, 2,074,782, March 23, 1937; Gillis, 2,076,230, April 6, 1937.

Appellant's application discloses a magnetic core in the form of a ring, the core being made up of finely divided magnetic particles coated with an insulating binder. The core is enclosed in a protective envelope comprising particles of titanium dioxide dispensed through a layer of an oil modified alkyd resin which may be a reaction product of phthalic acid and glycerine modified with a fatty acid derived from a drying oil.

The patentee Edgar states that fatty oil and modified polyhydric alcohol-polybasic acid resins have been satisfactorily used as protective and decorative coating compositions. The resins described by the patentee are oil modified alkyd resins.

The patent to Gillis discloses a magnetic core body made up of annealed magnetic particles coated with an inorganic insulating binder. The core body is surrounded by a protective envelope in the form of a ceramic coating. The patent clearly discloses everything called for by the appealed claims except that the protective envelope described by the reference patent is formed of ceramic material, instead of a layer having as a binder solely an oil modified alkyd resin, as called for by claim 17, or a layer having as a binder solely a reaction product of phthalic acid and glycerine modified with a fatty acid derived from a drying oil, as called for by claim 18.

The issue presented by this appeal is simply whether, in view of the disclosure in the patent to Edgar, it would require invention to make the protective envelope, disclosed by the patentee Gillis, of the substances called for by claims 17 and 18, instead of making it of ceramic material.

The patent to Edgar discloses that it is old to use oil modified alkyd resins for protective and decorative coatings. Although the patentee does not mention the specific oil modified alkyd resin called for by claim 18, there is clearly no basis for a holding that that resin differs patentably from other oil modified alkyd resins.

Appellant's application states that the resin called for by claim 18 "gives particularly good results" but that "resins derived from other polybasic acids and alcohols can also be used." There is no showing as to any critical or unexpected superiority of the resin called for by claim 18 over other resins of the group defined in claim 17. It follows that if claim 17 does not define invention over the prior art, claim 18 likewise fails to do so.

The patent to Edgar contains the statement that oil modified alkyd resins "are used as protective and decorative coating compositions quite satisfactorily but require longer heat treatments than is often practical to produce hard films." This is a clear disclosure of the broad idea of using such resins for coating purposes. Counsel for appellant contend, however, that the idea of using these resins for coating the particular magnetic core, called for by claims 17 and 18, was one which required the exercise of invention, even though the use of a protective coating of ceramic material on a magnetic core, of the kind defined by those claims, is disclosed in the patent to Gillis.

[1] It is the general rule that, in the absence of any unexpected result, the substitution of one material for another is not a matter of invention. See *In re Otto R. Schoenrock*, 19 CCPA (Patents) 1268, 59 F.2d 235, 14 USPQ 29, 424 O. G. 329; *In re Fischer*, 20 CCPA (Patents) 708, 62 F.2d 96, 15 USPQ 309, 427 O. G. 261; and *In re Clewell*, 22 CCPA (Patents) 936, 74 F.2d 1001, 24 USPQ 298, 455 O. G. 750. The rule stated has been specifically applied to coating and wrapping materials. See *Minton Mfg. Co. et al.* v. *Continental Briar Pipe Co., Inc.*, 93 F.2d 271, 36 USPQ 279; *Triangle Conduit & Cable Co., Inc.* v. *National Electric Products Corporation*, 56 F. Supp. 979, 62 USPQ 350; and *In re Lee*, 33 CCPA (Patents) 896, 154 F.2d 152, 69 USPQ 121, 587 O. G. 505.

[2] Although it is asserted in the brief of counsel for appellant that "the result of using an oil modified alkyd resin coating on a loading coil core was revolutionary" and that "It marked the greatest advance in loading coil manufacture in many years," there is no evidence of record to substantiate that assertion, nor any evidence of record of comparative tests to show superiority of the coating compositions claimed here over the ceramic coating material disclosed in the patent to Gillis. Furthermore, statements of counsel in a brief cannot take the place of evidence. See *In re Burns*, 23 CCPA (Patents) 1091, 83 F.2d 292, 29 USPQ 423, 471 O. G. 246, and *In re Casey*, 35 CCPA (Patents) —, —F. 2d —, 76 USPQ 463, 609 O. G. 252.

[3] The arguments advanced by counsel for appellant have been carefully considered, but we are of opinion that no showing has been made which would justify holding that the substitution of the substances called for by claims 17 and 18 in appellant's application, for the ceramic coating material of the patent to Gillis, required the exercise of invention.

For the reasons stated, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE BOILEAU

No. 5447. Decided June 14, 1948

[— F.2d —; 78 USPQ 146]

1. PATENTABILITY—ANTICIPATION—WINNER OF INTERFERENCE PRIOR ART FOR ALL COMMON SUBJECT MATTER.
   Where appellant's involved application is a division of an application filed prior to the G patent, which application was in interference with the application on which the patent to G was issued, and G was the successful party in the interference, *Held* that even though G's filing date is subsequent to the filing date of appellant's parent application, the patent to G is prior art against the presently involved application as to all subject matter common to the G patent and appellant's application.
2. SAME—CLAIMS PREVIOUSLY ALLOWED.
   Held that the question of patentability of appealed claims must be decided on its merits and not on the basis of holdings made in some other application.
3. SAME—CHURN.
   Certain claims for a churn, which call for nothing more than obvious modifications of prior art structure *Held* properly rejected as non-inventive over such prior art.

APPEAL from the Patent Office. Serial No. 523,754.

AFFIRMED.

Norman E. H. Deletzke for Boileau.

W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claims 3, 4, 5, and 9 to 15, inclusive, in appellant's application for a patent for an invention for a churn, on the ground of lack of invention over the prior art. Claims 1, 2, 6, 7, and 8 were allowed by the Board.

Claims 3, 4, 9, and 14 are typical of the appealed claims. They read:

3. A churn including a wooden drum having oppositely disposed wooden end walls, rotatable supports for rotatably supporting said drum, agitating shelves within said drum, recesses in the inner faces of said end walls transverse to the grain of the wood in said end walls, bracket means for supporting said shelves lodged in said recesses having free portions extending out of said recesses, and removable means fixing said shelves upon said bracket means.

4. A churn and butterworker comprising a drum, rotatable supports for rotatably supporting said drum, means for rotating said drum, shelves within said drum, and bracket means supporting said shelves upon said drum supports, said bracket means being so constructed and arranged as to transfer all shelf loading stresses directly to the said drum supports.

9. In a churn and butterworker, a base framework, rotatable supports mounted upon said framework in opposed relation one to another, a cylinder head mounted on each of said supports in opposed relation one to another, spaced shelf means extending intermediate said cylinder heads and abutting against said cylinder heads, tightenable means securely and rigidly binding together said rotatable supports and said drum heads and said spaced shelves to form a rigid rotatable unit thereof by directly securing each of said elements of said rotatable unit one to another, and a cylinder encompassing said cylinder heads and said spaced shelves out of contact with said spaced shelves and supported upon said cylinder heads.

14. A churn and butterworker comprising, in combination, opposed wooden cylinder heads, a wooden cylinder formed solely of staves encompassing and supported upon said cylinder heads, agitator shelves within said cylinder, said shelves being spaced from and being independent of all of said cylinder staves and extending from cylinder head to cylinder head, recesses in the inner face of each of said cylinder heads, each said recess being adapted to receive the end of an agitator shelf, rotatable support means adjacent the outer surface of said cylinder heads, tightenable means for securing said shelves and said cylinder heads to said rotatable support means to form a rigid rotatable unit and for supporting said shelves independently of said cylinder, whereby said cylinder may be removed from said cylinder heads while retaining a rigid rotatable unit formed of said shelves said cylinder heads and said supports securely and rigidly bound together.

The references relied on are: Figg, 1,794,680, March 3, 1931; Clark, 2,066,067, December 29, 1936; Godfrey, 2,334,919, November 23, 1943.

Counsel for appellant moved to dismiss the appeal as to claim 12. The motion will be granted.

Appellant's application discloses a churn comprising a cylindrical wooden body which is mounted for rotation about the axis of the cylinder body. The churn body is formed by two spaced circular heads which are surrounded by staves to form a closed chamber. Within this chamber shelves are provided which are spaced inwardly from the staves and extend longitudinally of the cylindrical body from one head to the other. The shelves are secured at their ends to bracket members which are mounted in and project from slots in the cylinder heads. The shelves and heads thus form a rigid framework independently of the staves. At each end of the churn body is a horizontal journal, mounted on a supporting

frame and rotatably mounted in each journal is a hub member provided with radial arms. The arms are secured to the outer faces of the heads of the churn body at points opposite the points on the inner faces of the heads where the brackets which support the shelves are located. The churn body is thus supported for rotation about its axis.

The patent to Figg discloses a wooden churn formed of staves mounted about spaced heads to provide a cylindrical body. The body is provided with longitudinally extending shelves located within and spaced from the cylindrical wall of the body. The shelves extend from one head to the other and are fitted into recesses in the heads. Horizontal journals are provided at the opposite ends of the body and hubs provided with radial arms are mounted in these journals. The radial arms are secured at their outer ends to the heads, so that the churn is mounted for horizontal rotation about its axis.

The patent to Clark discloses a cylindrical wooden churn comprising a body mounted for horizontal rotation about its axis. The body is formed of spaced heads surrounded by staves and is provided with longitudinal internal shelves extending from one head to the other and spaced from the cylindrical wall of the body. The shelves are attached at their ends to brackets which are fixedly secured to the heads.

The patent to Godfrey discloses a churn comprising a cylindrical body supported at its ends on radial arms extending from hub members which are mounted in horizontal journals. The churn body is made up of spaced heads and staves. Several of the staves extend inwardly to form shelves and the shelves are bolted to the heads and to the radial arms of the end hub members to form a rigid unitary structure.

[1] The patent to Godfrey was issued on an application filed April 24, 1939. Appellant's involved application is a division of a parent application filed January 3, 1939. The parent application, however, was in interference with the application on which the patent to Godfrey was issued, and Godfrey was the successful party in the interference. Under the related circumstances, the Godfrey patent is prior art against appellant's patent and divisional application as to all subject matter common to the Godfrey patent and appellant's application. See *In re Bicknell et al.*, 30 CCPA (Patents) 1250, 136 F.2d 1016, 58 USPQ 553, 556 O. G. 735.

Counsel for appellant urges that the patent to Godfrey is a reference only for the subject matter which was actually in issue in the interference and, in support of that contention, relies upon the case of *In re Williams and McCabe*, 20 CCPA (Patents) 738, 62 F.2d 86, 16 USPQ 66, 426 O. G. 785. That case, however, involved a disclaimer as to the subject matter of the counts only, rather than an award of priority of invention and, accordingly, is not in point here. Under the circumstances of the instant case, the patent to Godfrey is a proper reference for all common subject matter that it discloses.

Claim 3 was rejected on the patent to Clark in view of the patent to Figg. The claim is fully met by the Clark patent except that the brackets which support the shelves are fastened against the end walls instead of being inserted in "recesses in the inner faces of said end walls transverse to the grain of the wood in said end walls" as called for by claim 3. It was the position of the Examiner that in view of the Figg patent which shows the shelves mounted in recesses in the ends of the churn, there would be no invention in locating the shelf supporting brackets of the Clark structure in similar recesses. The Examiner further stated that it would be obvious to locate the recesses transversely of the grain of the wood in order to avoid splitting. We are of opinion that claim 3 is not patentable for the reasons stated by the tribunals of the Patent Office.

Claims 4 and 5 were rejected on the patent to Clark in view of the patent to Godfrey. The Clark patent shows everything called for by those claims except that Clark's shelf supporting brackets are connected to the drum heads, whereas claims 4 and 5 require that the brackets be fixed directly to the rotatable drum supports. The Godfrey patent shows a structure in which the shelves are secured directly to the rotatable drum supports and it would not require invention to employ a similar arrangement in the device disclosed in the patent to Clark.

Claims 9 to 13, inclusive, and 15 stand rejected on the Godfrey patent in view of the patent to Clark. Claims 9, 10, 11, and 13 are fully met by the Godfrey patent except that in the patentee's structure the shelves which are joined to the heads and supporting arms, to form the rigid framework of the churn, are located in the cylindrical body of the churn so that the edges of the shelves form staves, whereas claims 9, 10, 11, and 13 require that the shelves shall lie within the churn. The Clark patent, however, shows an arrangement generally similar to that of the Godfrey patent, with the shelves lying within the churn and spaced from the walls thereof. We are of opinion that it would not require invention to locate the shelves of the Godfrey patent within and spaced from the walls of the churn, as disclosed in the patent to Clark.

Claim 15 is similar to claims 9, 10, 11, and 13, with the additional recitation of a stationary bar extending from end to end of the churn adjacent its axis. Such a bar is shown in the patent to Clark. It certainly would not require invention to add a stationary bar to the Godfrey structure if it were so desired.

Claim 14 is generally similar to claims 9, 10, 11, and 13. It was rejected on the disclosures in the patents to Godfrey, Clark, and Figg. The application of the Godfrey and Clark patents to claim 14 is similar to that hereinbefore stated in connection with claims 9, 10, 11, and 13. Claim 14 contains the further limitation that the shelves are received in recesses in the ends of the churn heads. Such recesses are disclosed in the patent to Figg and, in our opinion, it would not involve invention to employ them in the prior art structures.

[2] Counsel for appellant points out that certain of the involved claims were formerly allowed in appellant's parent application. It is well settled, however, that the question of patentability of appealed claims must be decided on its merits and not on the basis of holdings made in some other application. See *In re Albert C. Fischer*, 18 CCPA (Patents) 1076, 47 F.2d 794, 8 USPQ 481, 409 O. G. 563, and *In re Greider et al.*, 29 CCPA (Patents) 1079, 129 F.2d 568, 54 USPQ 139, 543 O. G. 439.

[3] The arguments of counsel for appellant have been carefully considered but we are of opinion that the appealed claims call for nothing more than obvious modifications of prior art structures.

The appeal is dismissed as to claim 12.

For the reasons stated the decision of the Board of Appeals is affirmed as to claims 3, 4, 5, 9, 10, 11, 13, 14, and 15.

AFFIRMED.

By reason of illness, O'CONNELL, J., was not present at the argument of this case and did not participate in the decision.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,845,936, J. F. Rude, Spider wheels for harrows, filed July 20, 1948, D. C., S. D. Ohio, W. Div., Doc. 969, *J. F. Rude* v. *Allied Wheel Products, Inc., et al.*

1,884,825, J. Pavelka, Toaster; 2,049,717, same, Electric toaster, filed July 26, 1948, D. C., E. D. N. Y., Doc. 9243, *The Toastwell Co., Inc., et al.* v. *Leslie Electric Co., Inc., et al.*

1,970,761, H. H. McVicar, Whipstock, filed Feb. 11, 1948, D. C., E. D. Tex. (Tyler), Doc. 967, *Eastman Oil Well Survey Co., et al.* v. *Comac Deflecting Tool Co.* Consent judgment favor plaintiff and granting injunction July 22, 1948.

2,049,717. (See 1,884,825.)

2,054,217, J. L. Getaz, Method of knitting; 2,230,402, same, Knitted stocking; 2,230,403, same, Process of knitting; 2,344,350, same, Hosiery; 2,067,486, G. Gastrick, Hosiery; 2,306,246, R. E. Davis, Knitted wear, filed July 22, 1948, D. C. N. C. (Greensboro), Doc. 401, *The Davis Co.* v. *Baker-Mebane Hosiery Mills.*

2,067,486. (See 2,054,217.)

2,069,395, H. E. Tautz, Safety shield, filed July 27, 1948, D. C., E. D. Wis. (Milwaukee), Doc. 4574, *Rockwell Mfg. Co.* v. *Shadbolt & Boyd Co.*

2,230,402. (See 2,054,217.) 2,230,403. (See 2,054,217.)

2,306,246. (See 2,054,217.) 2,344,350. (See 2,054,217.)

T. M. 35,503, United Drug Co., Medicines; T. M. 39,739, J. S. Burton, Liniment; T. M. 40,019, United Drug Co., Dyspepsia tablets; T. M. 71,700, same, Hot water bags, fountain syringes; T. M. 73,654, same, Absorbent cotton; T. M. 266,852, T. M. 76,825, same, Playing cards; T. M. 77,346, same, Watches; T. M. 80,880, same, Shampoo, toilet soap, eye glass cleaner; T. M. 85,696, same, Writing tablets and stationery; T. M. 90,763, same, Mosquito repelling lotion; T. M. 93,250, same, Shampoo, hair tonics, etc.; T. M. 96,186, same, Lubricating and illuminating oils and greases; T. M. 98,021, same, Effervescent salts; T. M. 101,550, same, wrapping paper, and toilet paper; T. M. 102,213, same, Tooth brushes, hair brushes; T. M. 102,214, same, Drinking cups, vacuum bottles, etc.; T. M. 102,215, same, Razors, shears, blade stroppers, etc.; T. M. 102,660, same, Perfume, toilet water, etc.; T. M. 102,932, same, Furniture polish, straw hat cleaner, etc.; T. M. 103,602, same, Cigar lighters, cigar cutters, etc.; T. M. 104,356, same, Sealing wax, library paste, etc.; T. M. 104,357, same, Shoulder braces, artificial limbs, surgical bandages, etc.; T. M. 104,358, same, Writing fluid, carbon paper, ink pads, etc.; T. M. 104,657, same, Fish hooks, fishing lines; T. M. 104,959, same, Twine and string; T. M. 105,830, same, Water filters, show case refrigerators; T. M. 106,706, same, Gummed printed labels, adhesive stamps, etc.; T. M. 106,707, same, Measuring rules; T. M. 120,347, same, Disinfectant; T. M. 227,882, T. M. 335,166, same, Cough syrup; T. M. 243,302, same, Emulsion of mineral oil; T. M. 346,007, same, Thermometers; T. M. 252,348, same, Rubbing alcohol compound; T. M. 260,150, same, Ointment for burns and cuts; T. M. 269,862, same, Vacuum bottle; T. M. 272,800, same, Soap; T. M. 275,810, T. M. 288,420, T. M. 358,194, T. M. 279,412, same, Medicinal preparations; T. M. 283,777, same, Antacid powder for gastric acidity; T. M. 288,985, same, Therapeutic lamps and vibrators; T. M. 288,965, same, Electric appliances; T. M. 321,040, same, Cough drops; T. M. 324,443, same, Dental plate cleaner; T. M. 335,165, same, Athletes' rub; T. M. 383,106, same, Effervescent analgesic alkalizer tablets, filed (notice July 28, 1948), D. C. N. J. (Newark). Doc. 11518, *Rexall Drug Co.* v. *Rex Drug Stores.*

T. M. 39,739. (See T. M. 35,503.)
T. M. 40,019. (See T. M. 35,503.)
T. M. 71,700. (See T. M. 35,503.)
T. M. 73,654. (See T. M. 35,503.)
T. M. 76,825. (See T. M. 35,503.)
T. M. 77,346. (See T. M. 35,503.)
T. M. 80,880. (See T. M. 35,503.)
T. M. 85,696. (See T. M. 35,503.)
T. M. 90,763. (See T. M. 35,503.)
T. M. 93,250. (See T. M. 35,503.)
T. M. 96,186. (See T. M. 35,503.)
T. M. 98,012. (See T. M. 35,503.)
T. M. 101,550. (See T. M. 35,503.)
T. M. 102,213. (See T. M. 35,503.)
T. M. 102,214. (See T. M. 35,503.)
T. M. 102,215. (See T. M. 35,503.)
T. M. 102,660. (See T. M. 35,503.)
T. M. 102,932. (See T. M. 35,503.)
T. M. 103,602. (See T. M. 35,503.)
T. M. 104,356. (See T. M. 35,503.)
T. M. 104,357. (See T. M. 35,503.)
T. M. 104,358. (See T. M. 35,503.)
T. M. 104,657. (See T. M. 35,503.)
T. M. 104,959. (See T. M. 35,503.)
T. M. 105,830. (See T. M. 35,503.)
T. M. 106,706. (See T. M. 35,503.)
T. M. 106,707. (See T. M. 35,503.)
T. M. 120,347. (See T. M. 35,503.)
T. M. 227,347. (See T. M. 35,503.)
T. M. 228,965. (See T. M. 35,503.)
T. M. 243,302. (See T. M. 35,503.)
T. M. 252,343. (See T. M. 35,503.)

T. M. 260,150. (See T. M. 35,503.)
T. M. 266,852. (See T. M. 35,503.)
T. M. 269,862. (See T. M. 35,503.)
T. M. 272,800. (See T. M. 35,503.)
T. M. 275,810. (See T. M. 35,503.)
T. M. 279,412. (See T. M. 35,503.)
T. M. 283,777. (See T. M. 35,503.)
T. M 288,420. (See T. M. 35,503.)
T. M. 288,985. (See T. M. 35,503.)
T. M. 321,040. (See T. M. 35,503.)
T. M. 324,443. (See T. M. 35,503.)
T. M. 335,165. (See T. M. 35,503.)
T. M. 335,166. (See T. M. 35,503.)
T. M. 346,007. (See T. M. 35,503.)
T. M. 358,194. (See T. M. 35,503.)
T. M. 383,106. (See T. M. 35,503.)

NOTICES

Summary of Recent Rulings on Trade-Mark Classification

1. Filters

Oil filters, and air filters for engines, and all other filters for fluids and liquids are classified in Class 31, FILTERS AND REFRIGERATORS.

Radio filters are classified in Class 21, ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Photographic light filters are classified in Class 26, MEASURING AND SCIENTIFIC APPLIANCES.

Human blood filters and plasma filters are classified in Class 44, DENTAL, MEDICAL, AND SURGICAL APPLIANCES.
December 11, 1947.

2. Resinous Plastic Solutions Used for Coatings

The term "coatings" is indefinite in that it covers various kinds of coatings which are classified in various classes according to the specific use. The specific use of the solution as a coating should be named in every case.

Plastic solutions used for coatings are classified as follows:

Resinous plastic solutions for protective coating and waterproofing of leather and sheet material composed partly of leather, in Class 4, ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Resinous plastic solutions for coating, impregnating, sizing, or waterproofing paper, textiles, or composition sheet material, and for protective coating of the surfaces of fresh fruits and vegetables and other food products against deleterious effects of air, moisture, dust, etc., in Class 6, CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Resinous plastic solutions for waterproofing walls, floors, walks and pavements of brick, cement, concrete, etc., and other masonry structures, in Class 12, CONSTRUCTION MATERIALS.

Resinous plastic solutions for waterproofing wood and wooden surfaces; for protective coatings or linings for tanks, silos, pipes, and machinery, to resist corrosion and oxidation; for protective coatings on the interior of electrolytic plating tanks and for the racks, to resist the corrosive action of acids; and for temporary protective coatings on airplanes, engines, machinery, vehicles, and other articles in shipping, storage, or awaiting installation; and resinous plastic solutions, with or without pigments, for protective or decorative coatings on all kinds of surfaces where paints, varnishes, or lacquers are generally used, in Class 16, PAINTS AND PAINTERS' MATERIALS.
January 2, 1948.

3. Resinous Plastic Materials

Some of the more common resinous plastic materials are classified as follows:

Resinous plastic materials in the form of powders, granules, emulsions, solutions, monofilaments, rods, tubes, slabs, slats, and other forms for use in the industrial arts and further manufacture, in Class 1, RAW OR PARTLY PREPARED MATERIALS.

Resinous plastic adhesives in Class 5, ADHESIVES.

Resinous plastic materials for use in the manufacture of inks and inking materials, in Class 11, INKS AND INKING MATERIALS.

Resinous plastic materials in the form of powders, granules, emulsions, pastes or solutions for mixing in cement, concrete, stucco, or other masonry batches, for curing, hardening, waterproofing, etc.; resinous plastic extruded building trim and moldings and architectural forms; and resinous plastic hard tiles, in Class 12, CONSTRUCTION MATERIALS.

Resinous plastic materials for use in the manufacture of paints, varnishes, lacquers, and other paint products, in Class 16, PAINTS AND PAINTERS' MATERIALS.

Resinous plastic solutions for electrical insulating material, in Class 21, ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Resinous plastic sheet material for use as a substitute for textiles, in Class 42, KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.
January 2, 1948.

4. Waterproofing Materials

Waterproofing materials are classified as follows:

Waterproofing compositions, compounds, preparations, and dressings for leather, and sheet material composed partly of leather, in Class 4, ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Waterproofing compositions, compounds, and preparations for impregnating or coating paper, textile fabrics, and the like, in Class 6, CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Waterproofing compositions, compounds, preparations, and materials for mixing in cement, concrete, or other masonry batches, or for coating walls, floors, walks and pavements of brick, cement, concrete, etc., and other masonry structures, in Class 12, CONSTRUCTION MATERIALS.

Waterproofing compositions, compounds, and preparations for coating wood or wooden surfaces; and waterproofing compositions, compounds, and preparations in the nature of paint for application to surfaces of all kinds where paints are generally used, in Class 16, PAINTS AND PAINTERS' MATERIALS.
January 5, 1948.

5. Children's Toy Vehicles: Tricycles and/or Velocipedes

Tricycles or velocipedes, also known as "pedalbikes" and "trikes," are essentially toys and are classified in Class 22, GAMES, TOYS, AND SPORTING GOODS.

5.1. Children's Bicycles and Sidewalk Bicycles

Children's bicycles and sidewalk bicycles, also called "sidewalk bikes," which are generally small sizes of regular bicycles, are considered toy vehicles and are classified in Class 22, GAMES, TOYS AND SPORTING GOODS.

The following toy vehicles are also classified in Class 22: Baby walkers, baby walking creepers; walking cars for young children; walking velocipedes; four-wheel carcycles; doll carriages; foot-operated ridable toy vehicles; hand-operated ridable toy vehicles; kiddie cars; ridable toys, including aeroplanes, automobiles, cars and carts, locomotives, tractors, and trucks; ridable gliding horses and horses on wheels; ridable rocking toys; coaster wagons; scooters; soap-box wagons and wheel-sets therefor; children's coasting sleds; children's toy sleighs; and toy wheelbarrows.

Note.—Baby strollers, and combination baby stroller-walkers, are classified in Class 19, VEHICLES.
January 6, 1948.

6. Pressure-Sensitive Adhesive Tape

Friction tapes and adhesive tapes are classified in Class 5, ADHESIVES.

The directive of the Examiner of Trade-Marks, dated August 12, 1946, reclassifying pressure-sensitive adhesive tapes, including the so-called "Scotch Tape," in Class 37, PAPER AND STATIONERY, has been rescinded in view of a decision of the First Assistant Commissioner of Patents on February 19, 1947, in application Serial No. 477,571 (Reg. No. 440,379). Pressure-sensitive adhesive tapes have been reclassified in Class 5, ADHESIVES.
February 12, 1948.

7. Curtain Stretchers

Curtain stretchers have been transferred from Class 50 to Class 24, LAUNDRY APPLIANCES AND MACHINES.

8. Shower Curtains

Shower curtains and matching sets of shower curtains and window curtains have been transferred from Class 13 to Class 42, KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.
March 10, 1948.

9. Zeolitic Materials

Zeolitic materials, for use in filtering liquids and gases and in water softening and purification, have been transferred from Class 6 to Class 31, FILTERS AND REFRIGERATORS.

Note. Many materials which are capable of being used for filtering and water softening and purification, are classified per se in Class 1 or Class 6; however, when these materials are processed for use in filtering media or water softening and purification agents, they are classified in Class 31.
March 12, 1948.

10. Gummed Tape

Gummed tape of cloth, paper, or other material, for general use, gummed cloth in sheets, strips, or tape, for general use; adhesive, gummed, and pressure-sensitive paper for masking by painters, monument makers, and others; and gummed tape or strips of paper or other material, for binding or staying the corners of paper boxes, have been transferred from Class 37, to Class 5, ADHESIVES.

11. Dippers and Ladles

Dippers and ladles have been transferred from Class 13 to Class 23, CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.
March 23, 1948.

12. Gummed Paper Sheets, Strips, and Tape

Gummed paper is the trade term for paper coated on one side with an adhesive which has dried and must be moistened before use.

Gummed paper sheets, used largely for the manufacture of labels, seals, tags, and the like, are classified in Class 37, PAPER AND STATIONERY.

Gummed paper strips, used mostly for making stays on the corners of paper and cardboard boxes, and gummed paper tape used for sealing or fastening the wrapping of packages, are classified in Class 5, ADHESIVES.
May 10, 1948.

13. Flexible Metal Hose and Tubing

Flexible metal hose is classified in Class 35, BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.

Flexible metal tubing used as conduit for electric wires and cables is classified in Class 21, ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Flexible metal tubing used as sheathing for flexible shafting or shafts, fitted conduits or fitted connectors as parts of machinery or tools, is classified in Class 23, CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.
May 20, 1948.

14. Smokers' Articles

Smokers' articles, made wholly or partly of precious metal, and including pipes, pipe cases, pipe reamers, cigar and cigarette holders and tubes, cigar cutters, ash trays, humidors, and smoking set trays, have been transferred from Class 28, JEWELRY AND PRECIOUS METAL WARE, to Class 8, SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.

Cigar and cigarette cases, boxes and jars, and tobacco cases and jars, have been transferred from Class 2, RECEPTACLES, and Class 28, JEWELRY AND PRECIOUS METAL WARE, to Class 8, SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.

Cigar and cigarette lighters, and flints and wicks therefor, have been transferred from Class 21, ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES, Class 28, JEWELRY AND PRECIOUS METAL WARE, and Class 34, HEATING, LIGHTING AND VENTILATING APPARATUS, to Class 8, SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.
May 20, 1948.

15. Receptacles for Cosmetics

The following goods made of precious metal have been transferred from Class 28 to Class 2, RECEPTACLES:

(a) Compacts, or powder and rouge containers in the nature of compacts, being variously called vanity cases, vanity boxes, vanities, powder cases, compact cases, powder compact cases, compact boxes, holders for face powder compacts (i. e. for cake face powder), rouge containers, rouge boxes, dorine boxes;
(b) Lipstick holders and lipstick cases;
(c) Lip salve cases and lip salve containers for pocket use;
(d) Eyebrow pencil holders.
May 26, 1948.

16. Prayer Beads and Rosaries

Prayer beads and rosaries made wholly or partly of wood, plastic, glass, or other non-precious materials have been transferred from Class 50 to Class 28, JEWELRY AND PRECIOUS METAL WARE.

17. Wrist Watch Straps

Wrist watch straps, wrist watch bands, and wrist watch loops, made of leather, cloth, plastic, or other non-metallic material have been transferred from Class 40 to Class 28, JEWELRY AND PRECIOUS METAL WARE.

18. Radar

Radar, sonar and loran apparatus are classified in Class 26, MEASURING AND SCIENTIFIC APPLIANCES.
June 1, 1948.

19. Chains

Chains for conveying, elevating and power transmission, called variously bicycle chains, chain drives, conveyor chains, motor drives, motor front and chains, power transmission chains, sprocket chains, etc., have been transferred from Class 13 to Class 23, CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.
June 3, 1948.

20. Measuring and Scientific Instruments

Barometers, compasses, lorgnettes and lorgnons, magnifying glasses, monocles, opera glasses, thermometers, other than clinical, eye glass and spectacle cases, and cases for thermometers, other than clinical made of precious metal, have been transferred from Class 28 to Class 26, MEASURING AND SCIENTIFIC APPLIANCES.

21. Spurs, Whips, and Crops

Spurs, whips, and crops made of precious metal have been transferred from Class 28 to Class 3, BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.
June 7, 1948.

22. Match Boxes and Holders

Match boxes, match cases, match holders, match safes and match box holders made of precious metal, all for smokers' use, have been transferred from Class 28 to Class 8, SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.

23. Canes and Umbrellas

Canes and walking sticks, and handles or heads for canes, walking sticks, umbrellas and parasols made of precious metal, have been transferred from Class 28 to Class 41, CANES, PARASOLS, AND UMBRELLAS.

24. Notions

Button hooks, curling irons (non-electric), glove stretchers, pincushions, sewing thimbles, shoe horns, yarn holders, silk winders, knitting needles, crochet hooks, and tatting shuttles made of precious metal, have been transferred from Class 28 to Class 40, FANCY GOODS, FURNISHINGS, AND NOTIONS.

25. Pens and Pencils

Pens, pen points, pen sets, pencils, pen and pencil holders, and pen and pencil cases made of precious metal have been transferred from Class 28 to Class 37, PAPER AND STATIONERY.

June 8, 1948.

26. Knives and Scissors

Pocket knives, pen knives, scissors, and shears, made wholly or partly of precious metal, have been transferred from Class 28 to Class 23, CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

June 15, 1948.

27. Pocketbooks and Frames Therefor, Card and Key Cases

The following goods have been transferred from Class 28 to Class 3, BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS:

(a) Pocketbooks, handbags, and purses, made wholly or partly of precious metal, including mesh and beaded types;
(b) Coin purses, made wholly or partly of precious metal;
(c) Coin cases—that is, leather cases with fittings or trimmings of precious metal;
(d) Billfolds and wallets, trimmed with precious metal;
(e) Card cases, stamp cases, receipt cases, and pass cases—that is, leather cases trimmed with precious metal;
(f) Frames made wholly or partly of precious metal, for pocketbooks, handbags, and purses;
(g) Key cases and key containers—that is, leather cases with fittings or trimmings of precious metal.

June 16, 1948.

J. H. MERCHANT,
Executive Examiner for Trade-Mark Operations.

Classification Bulletin No. 102

Classification Bulletin No. 102, containing all orders affecting classification during the period from July 11, 1947, to August 14, 1947, inclusive, and including the subclass schedule and definitions of class 343, Communications, Radiant Energy, is now available and may be purchased from the Commissioner of Patents for ten cents a copy.

Erratum

In the notice of republication under section 12-C of the Trade-Mark Act of 1946 of registration No. 304,840 appearing in the OFFICIAL GAZETTE of May 18, 1948, page 585, for, "Republished by Varco Incorporated," read, *Republished by Uarco Incorporated.*

Examination

In accordance with the provisions of Rule 17 of the Rules of Practice, an examination for the registration of attorneys and agents to practice before the United States Patent Office will be held on Monday, November 15, 1948.

This examination will be given under the direction of the Civil Service Commission, and may be taken in any of the cities of the country in which the Civil Service Commission regularly conducts examinations. Applications to take the examination must be directed to the Commissioner of Patents and filed in the Patent Office not later than October 20, 1948.

Application blanks may be obtained from the Clerk of the Committee on Enrollment, Room 1859, Department of Commerce Building.

THOMAS F. MURPHY,
Chairman, Committee on Enrollment.

August 16, 1948.

Disclaimers

Re. No. 21,177.—*Jean A. H. Barkeij*, Altadena, Calif. INTERNAL COMBUSTION ENGINE. Patent dated Aug. 22, 1939. Disclaimer filed July 30, 1948, by the inventor.

Hereby limits the scope of claim 11 for the 6 cylinder species to a cylinder angle of 180°, and limits accordingly the crankpin arrangement of crankpins 1, 3, 5 to the sequence 1, 5, 3 in clockwise direction as shown in Fig. 2, and of crankpins 2, 4, 6 to the sequence 2, 6, 4 in clockwise direction as shown in Fig. 4, said 6 crankpin arranged at 60° intervals and numbered uneven in one group and even in the other group.

Hereby limits the scope of claim 11 for the 8 cylinder species to a cylinder angle of slightly less than 90°, and limits accordingly the crankpin arrangement to four pairs of aligned crankpins at 90°, crankpins 1 and 2 aligned opposite crankpins 7 and 8 at 180°, crankpins 3 and 4 aligned opposite crankpins 5 and 6 at 180°, said crankpins numbered uneven in one group, and even in the other group.

Hereby limits the scope of claim 13 for the 6 cylinder species to an angle of 180°, and limits accordingly the crankpin arrangement of crankpins 1, 3, 5 to the sequence 1, 5, 3 as shown in Fig. 2, and of crankpins 2, 4, 6 to the sequence 2, 6, 4 as shown in Fig. 4, so that the crankpins appear in the sequence 1, 4, 5, 2, 3, 6 in clockwise direction at 60° intervals, said crankpins being numbered even in one group and uneven in the other group.

Hereby limits the scope of claim 13 for the 8 cylinder species to the variety having a cylinder angle slightly less than 90°, and limits accordingly the crankpin arrangement to four pairs of aligned crankpins at 90°, crankpins 1 and 2 aligned at 180° to crankpins 7 and 8 aligned, and crankpins 3 and 4 aligned at 180° to crankpins 5 and 6 aligned, said crankpins numbered even in one group and uneven in the other group.

Hereby limits the scope of claim 15 for the 6 cylinder species to the variety having an angle of 180°, and limits accordingly the crankpin arrangement to an arrangement whereby the crankpins 1, 3, 5 of Fig. 1 are arranged 1, 5, 3 in clockwise direction, and crankpins 2, 4, 6 of Fig. 1 are arranged 2, 6, 4 in clockwise direction, said crankpins numbered uneven in one group and even in the other group, and further arranged at 60°.

Hereby limits the scope of claim 15 for the 8 cylinder species to the variety having an angle of 90°, and limits accordingly the crankpin arrangement whereby the crankpins 1 and 2, 3 and 4, 5 and 6, 7 and 8, are aligned in pairs, so that crankpins 1, 2 are at 180° to crankpins 7 and 8, and crankpins 3, 4 are at 180° to crankpins 5, 6, said crankpins being numbered uneven in one group and even in the other group.

Hereby limits the scope of claim 24 for the 6 cylinder species to the limiting angle of 180°, and the crankpin arrangement accordingly to the sequence 1, 4, 5, 2, 3, 6 in the direction of rotation, the crankpins being numbered even in one group and uneven in the other group.

Hereby limits the scope of claim 24 for the 8 cylinder species to the variety having an angle slightly less than 90°, and limits accordingly the crankpins to a position whereby crankpins 1 and 7 are arranged at 180°, and crankpins 3 and 5 at 180° as shown in Figs. 10 and 11, and crankpins 2 and 8 at 180°, and crankpins 4 and 6 at 180° as shown in Figs. 10 and 11, said four pairs of aligned crankpins arranged at 90°, the crankpins being numbered even in one group and uneven in the other group.

2,219,393.—*Harry H. McAdam*, Los Angeles, Calif. DEFROSTING DEVICE. Patent dated Oct. 29, 1940. Disclaimer filed Aug. 14, 1948, by the assignee, *Refrigeration Engineering, Inc.*; the inventor, joining, assenting, and acquiescing.

Hereby enters this disclaimer to claims 1 to 9, inclusive, and claims 12 and 14 of said specification.

2,383,636.—*Walter A. Wurth*, Cranford, N. J. TEMPERATURE CONTROL OF CATALYTIC REACTIONS. Patent dated Aug. 28, 1945. Disclaimer filed Aug. 11, 1948, by the assignee, *Standard Oil Development Company.*

Hereby enters this disclaimer of claim 4.

Adjudicated Patent

(D. C. Ohio) Palmer patent, No. 2,096,289, for machine drive arrangement, claims 1 and 2 *Held* invalid and not infringed. *Palmer* v. *Sun Oil Co.*, 78 F. Supp. 38; 77 USPQ 560.

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed.

Pat. 2,362,444, W. J. Blanchard and C. S. J. MacNeil, Propeller mechanism, decided May 28, 1948, claims 13 and 14.

Pat. 2,423,304, W. A. Fitch, Pulse producing system decided Aug. 11, 1948, claims 1 and 2.

Cancellation Notice

Carl Cannon, his assigns or legal representatives, take notice:

A petition for cancellation having been filed in this Office by Handy & Harman, Inc., 82 Fulton St., New York 7, N. Y., to effect the cancellation of trade-mark registration of Carl Cannon, 6309 Yale Ave., Chicago, Ill., No. 256,286, dated May 14, 1929, and the notice of such proceeding sent by registered mail to the said Cannon at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Cannon, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order, the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JOE E. DANIELS,
Assistant Commissioner of Patents.

Aug. 10, 1948.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,314,430. DIP STICK. Patented Mar. 23, 1943. A dip stick for determining the level of oil in the tank of a vehicle. The stick is slidably mounted in a vertical metal tube cut away at the bottom to form a substantially semi-cylindrical portion. The lower end of the stick is provided with a scale which is exposed through the cut-away portion of the tube. The tube and stick are positioned in a close-fitting outer cylindrical casing which extends fully to the bottom of the oil tank. The stick and tube may be removed from the casing so that the scale may be read. Advantages of the construction are that the stick will not drip as it is being read and that, inasmuch as the stick is held out of the oil, it is protected from splashing when the vehicle is in motion. (Owner) Isabel V. MacDuffie, 40 Brattle St., Worcester 5, Mass. Group 38—31. Reg. No. 9,886.

Pat. 2,440,773. BRICK SIDING CUTTER. Patented May 4, 1948. A hand-operated (or electrically driven) machine for cutting imitation brick or stone siding sheet material. Machine scores face of a shingle or panel and perforates back for easy breaking over steel bar on top of machine. Comprises a table having an arm pivotally mounted adjacent one corner and extending diagonally across top of table. A cutter wheel is carried by this arm adjacent edge of table. Toothed wheels for moving the work are mounted below table surface, the upper portions projecting through slots in table surface in perpendicular planes parallel to and closely adjacent the plane of the cutter wheel. Means are provided for simultaneously rotating all toothed wheels. May be taken up on scaffold if desired. (Owner) J. Virgil Hostetter, 5906 Berwyn Road, Berwyn Heights, Md. Groups 26—28; 35—69. Reg. No. 9,887.

Pat. 2,442,565. ELECTRON OFF AND ON RELAY TUBE. Patented June 1, 1948. A radio tube with means for deflecting or rotating a beam of electrons to produce a large voltage change quickly. The electron flow through the output circuit may be instantly stopped or started by varying the potential on the control grid. The control electrodes are operated at an adjustable positive potential. An increasing potential on the grid will cause the potential on the control electrode to become less positive, which will rotate the electrons forward and backward from the anode causing a sharp increase in potential across the load resistor. (Owner) John H. Homrighous, 1029 Wenonah Ave., Oak Park, Ill. Group 36—61. Reg. No. 9,888.

Pat. 2,442,104. DEVICE FOR INDICATING UNDERINFLATION OF TIRES. Patented May 25, 1948. A heat-responsive element for automatically indicating the under-inflation or over-heating of pneumatic tires. A conventional air valve is attached to each tire and passes through a thermostat in the tire consisting of a casing of heat-absorbing metal which houses a double-leaf bi-metallic element. The thermostat is responsive to tire temperature and closes a circuit when the tire temperature exceeds a predetermined maximum. Current is conducted through the thermostat to a lamp on the instrument panel by leads from the bi-metallic element, indicating to the driver that one of his tires is under-inflated. (Co-owner) Harry D. Twombly, 5105 N. E. 109th Ave., Portland, Oreg. Groups 30—11; 38—31. Reg. No. 9,889.

Pat. 2,442,736. PORTABLE ADJUSTABLE HOLD-ALL CLAMP. Patented June 1, 1948. A stand for supporting a flashlight or other lighting equipment at any desired angle. An open ring-like base has a central upwardly bowed plate forming a bridge piece. A sectional adjustable upright is bolted at center of the bridge piece, the upper section of which has an out-turned flange to which an adjustable clamp is bolted. Parallel plates of the clamp have cup-shaped ends positioned on the ball terminals of the upright. The ball terminal at upper end has a stem which supports a springy-jawed U-shaped cradle for holding the flashlight. May be carried in the hand or hung on a support, and when not in use may be folded. (Owner) Hudson D. Valentine, 402 E. Bates St., Wellsville, Mo. Groups 33—59; 40. Reg. No. 9,890.

Pat. 2,441,191. HANGER. Patented May 11, 1948. An adjustable support for clamping various sizes and types of pipes and shaft bearings. A pair of spaced uprights has an adjustably attached metal cross member. Directly above the cross member is a spaced shorter horizontal member bolted at both ends to it. The two horizontal members each have a cut-out portion at center of facing sides, between the two bolts, to receive a pipe, bearing, shaft, or the like. Readily changeable into either floor-supported or ceiling-suspended brackets by reversing the upright members. (Owner) Leonard Glassheim. Address correspondence to Maxwell E. Sparrow, 535 Fifth Ave., New York, N. Y. Group 35—69. Reg. No. 9,891.

Pat. 2,442,382. COMPENSATOR FOR FIREARMS. Patented June 1, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) A recoil-reducing compensator for attachment parallel to and below a gun barrel adjacent the muzzle. Designed to receive gases from the barrel before the bullet is discharged, thus decreasing the recoil and muzzle jump of a gun. Comprises a cylindrical steel body, having a small-bore and a large-bore portion with connecting nozzle. Compensator is closed at both ends and has laterally disposed forward-directing slots on either side. As bullet is pushed along the barrel by gases under high compression, the gases flow through apertures in barrel through communicating ports into small-bore section of compensator, with a force which will oppose the inclination of the muzzle to jump when bullet is discharged. Gases are discharged through nozzle into large-bore portion and strike the curved surface of the closing cap, which reverses the direction of flow. Being discharged at reduced velocity through slots on sides of compensator, gases are directed away from the operator of gun and part of the firing noise is muffled. A sleeve is provided for closing slots when a grenade launcher is used. (Owner) James E. Sieg, 1302 Arvil Court, Baltimore 25, Md. Group 33—97. Reg. No. 9,892.

Pat. 2,442,498. TIMING MECHANISM FOR SPRINKLER SYSTEMS. Patented June 1, 1948. Hydraulically controlled water-distributing system for sprinkling lawns, truck farms, etc. Water is delivered from a main pipe line to a drum, about which a casing carrying branch pipes is mounted. Drum is rotated intermittently by a ratchet wheel set in motion when buckets at ends of a rocker beam are filled with water. Buckets receive water from a branch pipe controlled by valves, and are provided with outlet flap valves in bottom of bucket which are normally closed and adapted to open when bucket strikes a rod stationed underneath. As filling of bucket tilts rocker beam, one of two spring-spaced arms pivotally mounted downward on rocker beam engages ratchet wheel at side of drum. By rotation of drum, the outlet opening registers successively with branch pipes carrying water from drum to areas to be watered. Time of filling and emptying of bucket may be controlled to regulate rotation of drum. (Owner) Ben H. Kooken, 1818 West Augusta, Spokane, Wash. Group 35—69. Reg. No. 9,893.

Pat. 2,443,050. EQUALIZED TENSION DUAL BLADE SAW APPARATUS. Patented June 8, 1948. A power-operated dual saw apparatus to simultaneously cut the scrap end and a test piece from a metal product, maintaining uniform and equalized tension of the two blades to assure exact parallel saw cuts. A pair of horizontally extending saw blades in parallel spaced relation to each other are detachably connected in slots in a pair of adjustable end holders. An equalizing disk is revolubly mounted in the end holders between the slots. One end of each blade extends into a slot of the adjustable end holder and is pivotally engaged on a connecting pin of the disk. (Owner) Frank C. Menking, 313 Rustic Ave., Pittsburgh 10, Pa. Group 35—43—69. Reg. No. 9,894.

Pat. 2,443,559. MECHANICALLY OPERATED BELL. Patented June 15, 1948. Operated by a pull cable connected to end of the trigger, placing the springs at ends of a bell crank lever under tension. The head of the lever swings in an arc and engages a lug carried by the tapper bar, moving the lug downwardly against the spring in the lower portion of housing. As the head passes the lug, the spring forces the tapper bar against the tapper, which is thrown against the bell, producing a signal. The trigger head swings downwardly, clearing the lug, and the tapper falls to normal position. Designed for factories or other places where there is excessive noise. (Owner) Fred T. Garceau, 527 County Road, Negaunee, Mich. Group 34—91. Reg. No. 9,895.

Pat. 2,098,001. RUBBER BAND GUN. Patented Nov. 2, 1937. A trigger-operated toy pistol is adapted to shoot rubber bands. Comprises a stock and a barrel, with rods vertically spaced in a hollow chamber near the trigger end of the barrel. One end of each rubber band encircles the end of the barrel and is stretched to encircle the top of one of the rods, which projects above the barrel through an aperture. The rods are slidably mounted to be raised slightly by action of the trigger so that a pivoted section of the rod swings toward the barrel, releasing the rubber band with considerable force. (Owner) Angeline Gagnon, Lupton, Mich. Group 39—41. Reg. No. 9,896.

Pat. 2,443,349. PORTABLE DERRICK HOIST. Patented June 15, 1948. Hoist has an extensible and collapsible mast comprised of a fixed outer section and an extensible and retractible inner section. A guided and vertically movable carrier is supported by arms hinged to the top of the extensible mast. A guiding means functions to handle a load, such as a wall board, supported and received by the carrier when lowered. The board may be held in position by the mast to an overhead or ceiling support to which the board is being fixed. The hoist is cable operated and may be adapted to a variety of other uses by slight modification. (Owner) P. J. Foster, Corinth, Miss. Group 35—31. Reg. No. 9,897.

Pat. 2,440,978. ANGLE CUTTER. Patented May 4, 1948. This patent shows a cutter attachment for a machine tool such as a reamer. A series of cutter blades are received in the slots of a cutter head which acts as a hub. Bolts extend transversely through the slots and hold the blades in place, thus permitting selective adjustment to vary the pitch of the blades. The blades may also be reversed for right or left hand cutting operations. The cutter is usable on milling machines for cutting aluminum, plastics, or wood. (Owner) John E. Schlenkert, 7420 Ironwood, Detroit 4, Mich. Groups 33—73; 35—43. Reg. No. 9,898.

Pat. 2,442,905. NONELASTIC CONSTANT EQUALIZED TENSION GARTER. Patented June 8, 1948. Self-adjusting garters on a girdle are designed for constant equalization of tension upon hose. A hanger member is riveted to girdle above each hip area, and a pair of guide loops are spaced beneath each hanger at lower edge of girdle. A non-elastic strap is loosely looped through the hanger, trained downward through the guide loops to loosely hold hose clasp (one at front and one at rear), and then upward so that one end of strap is fastened at front and other end at rear of girdle. As the strap slides easily through hanger and through hose clasps, tension on the hose tends to be equalized. (Owner) J. Newton Rhodes, 62 Brook St., Riverhead, N. Y. Group 23—42—84. Reg. No. 9,899.

Pat. 2,442,926. APPARATUS FOR WASHING MILKING MACHINES. Patented June 8, 1948. A supporting frame has a washing tub mounted at one side and a water tank at the opposite side. A valve-controlled drain pipe leads from bottom of washing tub into the water tank. An air pressure pipe leads from top of water tank over the washing tub. A water pipe leads from the bottom of the water tank over the washing tub parallel with the air pressure pipe. Both pipes are valve controlled and meet at the delivery nozzle above the washing tub. The cleansing solution is placed in the tub and flows into the tank through the drain pipe. The valves to the drain pipe and feed pipe are closed and the compressed air valve opened to permit compressed air to flow into the tank upon the cleansing solution. When the air gauge registers the desired pressure, the feed-pipe valve is opened and the solution flows through the pipe and nozzle and is sprayed through a hose connecting the nozzle and the milking unit at the side of the washing device. (Owner) R. C. Herman, 106 East Stewart, Rossville, Ill. Group 35—51. Reg. No. 9,900.

Pat. 2,443,132. SEWING CABINET. Patented June 8, 1948. The forward portion of sewing cabinet has a flat upper wall serving as a work table with a drawer at front for scissors, sewing, etc. An upwardly projecting rear portion forms a chamber for spools of thread. The spools are rotatably mounted upon rods between spaced bars so the spools are arranged in horizontal rows. Thread holders are provided on bar beneath each spool for easy unwinding and to prevent thread from becoming tangled. A hinged glass door covers chamber and swings upwardly when opened. (Owner) Richard H. Forsell. Address correspondence to Glenn L. Fish, 927 West Main Ave., Spokane, Wash. Groups 25—99; 39—81; 40. Reg. No. 9,901.

Des. Pat. 149,878. DESIGN FOR A TRIPOD FOR PHOTOGRAPHIC PURPOSES. Patented June 8, 1948. (Owner) George C. Kammermeyer, 4720 San Francisco Ave., St. Louis 15, Mo. Group 39—12. Reg. No. 9,902.

Pat. 2,444,517. PLATING PIECE. Patented July 6, 1948. Made of two cup-shaped parts telescopically displaceable, with a spring by which the height of the piece may be varied during the game to change its value. In the game of checkers, for instance, a checker may be converted into a King, or vice versa, by pressure on handles to actuate the spring and locking mechanism. (Owner) Paul Levy, 600 West 161 St., Apt. 8A, New York 32, N. Y. Groups 39—41; 40. Reg. No. 9,903.

Pat. 2,326,566. AUTOMOBILE LICENSE PLATE. Patented Aug. 10, 1943. This invention relates to an auxiliary indicia-bearing attachment for conventional license plates. A metal ribbon carrying the year tag is threaded through registering slots at one side of the license plate and supporting bracket, carried aronnd back of plate, and through a lower slot to front again, where the ends are sealed together. The attachment is bolted with the license plate to the supporting bracket. (Owners) William H. Ritchie and Jessie H. Ritchie. Address correspondence to William H. Ritchie, 50 West Maple Ave., Apt. 16-C, Merchantville, N. J. Groups 33—72; 39—81. Reg. No. 9,904.

Pat. 2,393,227. APPARATUS FOR TREATING ORES OR OTHER MATERIALS. Patented Jan. 22, 1946. A drying stack for removing moisture from iron ores. A conveyor deposits a mixture of lump and fine ore in a hopper which discharges the ore into the interior of a circular upright stack where it falls over a conical bell member under the force of gravity and passes into the stack. The bell is rotated and distributes the ore below the bell. The fine ore is distributed adjacent the inner surfaces of the walls, and the lump ore occupies center of the stack. A number of triangular heating ducts having escape openings are positioned in the stack in the downward path of the ore between the bell member and discharge opening. The apparatus and process produce an end product having the same form as that which the ore had prior to its entering the stack. (Owner) Mary Frenzel Anderson, 301 Frantz St., Buhl, Minn. Group 35—33. Reg. No. 9,905.

Pat. 2,443,214. TOILET. Patented June 15, 1948. Toilet is constructed so that it may be concealed in a compartment in a wall between adjoining rooms, with a door from each room providing access to the compartment. The bowl is mounted for swinging movement into and out of the compartment when either door is opened and closed. When one door is opened, the other is automatically locked, and a double-acting slide valve actuated to fill a flush tank. When the door is closed, the slide valve is moved to another position to flush the bowl. A vertically movable bracket on the inside of each door is adapted to detachably engage a link pivoted to the bottom of the bowl. When both doors are closed, the handle of either door may be turned to move the bracket of the selected door into engagement with the link to swing the bowl. A vertical pipe formed integrally with the back of the bowl for turning movement therewith has its lower end connected to the usual waste pipe and its upper end connected to a valve housing positioned above the door openings. (Owner) Emory C. Williams, 700 Godfrey Ave., Fort Payne, Ala. Group 32—61. Reg. No. 9,906.

United States Government Owned Patents

The following three patents have been assigned by the inventors to the United States of America as represented by the Secretary of the Interior: Pat. 2,441,132 by Harold L. Blakey; Pat. 2,442,790 by Ernest Ray Warner; Pat. 2,443,176 by Lloyd H. Banning. Licenses to practice the inventions will be issued on a non-exclusive and royalty-free basis. Inquiries concerning licenses should be addressed to the Solicitor, U. S. Department of the Interior, Washington 25, D. C.

Pat. 2,441,132. SHIELD FOR TRACTORS. Patented May 11, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) A brush shield for attachment to the frame of a tractor and brush-cutter machine which provides a barrier to the brush and flying sticks, protects the exposed mechanical parts of the tractor, and guards the operator from injury. A base frame encircles the superstructure of the tractor and is supported by the tractor chassis. A number of angle riser members are secured to the base frame to provide a series of U-shaped rider supports. A number of bar rider members interconnect the rider supports and present brush fender edges extending upwardly from the front of the frame and along the sides and downwardly at rear of the frame. May be supported by a plate or bracket welded to the rear member of the chassis frame and the rear frame member of the cab section. Group 35—21. Reg. No. 9,907.

Pat. 2,442,790. METHOD FOR IDENTIFYING CROSS WIRES IN OPTICAL INSTRUMENT RETICULES BY THE USE OF POLARIZED LIGHT. Patented June 8, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) Cross wires of optical instrument reticules may be identified by this apparatus for such purposes as determining whether or not the material used has met contract specifications. The wires are subjected to polarized light as the reticule is turned in a holder associated with a pair of microscopes through which the wires are observed. A platinum wire is seen as a series of fine lines, while that of glass or spider web is seen as a solid or a translucent line respectively. Acts as an aid in replacing broken cross wires: A new wire is held under tension on the free ends of a light spring wire device having a central open coiled loop. After alignment, the wires are cemented in the proper grooves of the graduated scale of the reticule, and the spring device detached. Neither the reticule nor the cross wires are damaged in the process. Group 39—13. Reg. No. 9,908.

Pat. 2,443,176. V-OPENING SCREEN. Patented June 15, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) A non-clogging screen for the elimination of flat and elongated pieces from a mass of crushed rock or coal. A series of screening bars are detachably or permanently secured to a support at one end. The bars consist of alternating long and short bars and have a down-turned portion at one end rigidly secured to the other support, forming V-shaped openings through which flat pieces may pass as the crushed rock is vibrated. This device may be applied to a stationary screen by the addition of side members parallel to the bars or may be applied to the cylindrical type by substituting circular members for the supporting members. Group 35—69. Reg. No. 9,909.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 7, 1948

[VOL. 614. NO. 1]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 2

RECEPTACLES

Ser. No. 520,193. TRAVER CORPORATION, Chicago, Ill. Filed Apr. 4, 1947.

TRALON

FOR PLASTIC MERCHANDISE BAGS AND ENVELOPES FOR PACKAGING FOOD AND GENERAL MERCHANDISE.
Claims use since Mar. 12, 1947.

CLASS 5

ADHESIVES

Ser. No. 509,025. GEORGE C. NIXON, doing business as The Steel Treating Equipment Co., Dearborn, Mich. Filed Sept. 13, 1946.

KLINCH

FOR GRAIN CEMENT—NAMELY, A SODIUM SILICATE CEMENT FOR CEMENTING GRAINS OF ABRASIVE MATERIAL TO POLISHING, BUFFING, AND ABRASIVE WHEELS AND TO OTHER SURFACES FOR CARRYING GRAINS OF ABRASIVE MATERIAL.
Claims use since July 31, 1941.

Ser. No. 519,806. BENJAMIN FOSTER COMPANY, Philadelphia, Pa. Filed Mar. 29, 1947.

LINO-TECT

The word "Lino" is disclaimed apart from the mark.
FOR LINOLEUM CEMENT.
Claims use since Mar. 17, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 498,652. FERDINAND RUGGIERO, INC., Boston, Mass. Filed Mar. 20, 1946.

Lady EVE

FOR COSMETICS—NAMELY, FACE CREAMS AND LOTIONS, FACE POWDER, DUSTING POWDER, ROUGE, LIPSTICK, NAIL ENAMEL, ENAMEL REMOVER, COLOGNE, SHAMPOO, MASCARA, EYE-BROW PENCIL, AND EYE SHADOW.
Claims use since Mar. 4, 1946.

Ser. No. 505,373. MARVIN E. WALLIS, Salt Lake City, Utah. Filed July 10, 1946.

NOAIR WRAP

FOR THERMOPLASTIC WAX SOLD IN SLAB FORM, ADAPTED TO BE MELTED AND USED AS A PROTECTIVE COATING FOR ARTICLES OF FOOD AND THE LIKE.
Claims use since Jan. 25, 1946.

Ser. No. 509,691. BOOTS PURE DRUG COMPANY LIMITED, Nottingham, England. Filed Sept. 25, 1946.

FLAVAZOLE

FOR PHARMACEUTICAL PREPARATIONS OF SULPHATHIAZOLE COMPOUNDS FOR ANTISEPTIC PURPOSES.
Claims use since July 30, 1945.

Ser. No. 510,093. LANTEEN MEDICAL LABORATORIES, INC., Chicago, Ill. Filed Oct. 2, 1946.

ESTROGEL

FOR EXTROGENIC SUBSTANCE FOR PERCUTANEOUS THERAPY.
Claims use since Aug. 16, 1946.

Ser. No. 517,954. ARKANSAS COMPANY, INC., Newark, N. J. Filed Feb. 24, 1947.

ANTHOMINE

FOR ASSISTANTS USEFUL IN DYEING PROCEDURES AND TEXTILE PROCESSING.
Claims use since Dec. 1, 1946.

Ser. No. 518,057. FRANK STEVEN COSMETIC CORPORATION, Chicago, Ill., assignor to Sol Morton. Filed Feb. 24, 1947.

Purr-r-r

FOR HAND CREAM.
Claims use since Jan. 4, 1945.

Ser. No. 523,952. FIRST TEXAS CHEMICAL MFG. CO., Dallas, Tex. Filed June 11, 1947.

C-A-P-D

FOR PHARMACEUTICAL PREPARATION IN THE FORM OF CAPSULES, TO BE USED TO GIVE TEMPORARY RELIEF OF DISCOMFORTS DUE TO COLDS, HEADACHE, NEURALGIA, OR OTHER MINOR MUSCULAR ACHES AND PAINS.
Claims use since January 1947.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 511,969. SUN CHEMICAL CORPORATION, New York, N. Y. Filed Nov. 2, 1946.

REDI-LITH

FOR PRINTING INK.
Claims use since Aug. 2, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 521,675. NATIONAL LOCK COMPANY, Rockford, Ill. Filed May 1, 1947.

TRIMIT

FOR SCREWS.
Claims use since September 1946.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 512,874. WILLIAM L. ULMER, doing business as Superior Flux Company, Cleveland, Ohio. Filed Nov. 19, 1946.

ZINC-TITE

No claim is made to the word "Zinc" apart from the mark.
FOR SOLDER.
Claims use since Oct. 10, 1946.

CLASS 15

OILS AND GREASES

Ser. No. 461,684. EUREKA VACUUM CLEANER COMPANY, Detroit, Mich., assignor to Eureka Williams Corporation, a corporation of Michigan. Filed June 26, 1943.

EUREKA

FOR LUBRICATING GREASE.
Claims use since 1920.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 513,437. THE MERCHANTS CHEMICAL COMPANY, Stamford, Conn. Filed Nov. 29, 1946.

DYNA-FLEX

FOR PROTECTIVE RESINOUS COATING COMPOSITION IN THE NATURE OF PAINT FOR USE AS A STRIPABLE COATING TO PROTECT PARTS, SURFACES OR APPARATUS OF METAL, GLASS OR STONE AGAINST ATMOSPHERIC CONDITIONS, ABRASION, ACIDS, ALKALIES OR OTHER CORROSIVE OR EROSIVE AGENCIES.
Claims use since Nov. 11, 1946.

CLASS 19

VEHICLES

Ser. No. 511,688. R. G. LE TOURNEAU, INC., Peoria, Ill. Filed Oct. 29, 1946.

LETOURNEAU
LET
EQUIPMENT

The words "Le Tourneau Equipment" are disclaimed apart from the mark.
FOR TRAILER TRUCKS AND SELF-PROPELLED LOAD HAULING TRUCKS.
Claims use since Nov. 13, 1940.

CLASS 20

LINOLEUM AND OILED CLOTH

Ser. No. 519,666. INTERCHEMICAL CORPORATION, New York, N. Y. Filed Mar. 27, 1947.

ROYAL CLOTH

No claim is made to the word "Cloth" apart from the mark as shown.
FOR TABLE, SHELF, STAIR, FLOOR, AND WALL OILCLOTH.
Claims use since Feb. 25, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 502,720. ARTHUR J. SADONY, doing business as Educational Research Laboratories, Montague, Mich. Filed May 24, 1946.

CATAPULT

FOR TOY AIRPLANES, DARTS, AND FLYING PROJECTILES ATTACHED TO A STICK TO BE WHIPPED THROUGH THE AIR BY WHICH THE TOY IS PROJECTED BY CENTRIFUGAL FORCE.
Claims use since Feb. 28, 1946.

Ser. No. 507,498. URBANA MANUFACTURING COMPANY, Urbana, Ohio. Filed Aug. 15, 1946.

The CONSTRUCTIONEER

FOR TOY METAL BUILDINGS SETS.
Claims use since Mar. 27, 1946.

Ser. No. 508,243. PLASTOMIC PRODUCTS CO., INC., New York, N. Y. Filed Aug. 29, 1946.

PLASTO-MAGIC

FOR TOYS—NAMELY, CONSTRUCTION AND PUZZLE TOYS.
Claims use since Aug. 12, 1946.

Ser. No. 513,323. MANTUA METAL PRODUCTS COMPANY, Woodbury Heights, N. J., assignor to Mantua Metal Products Co., Inc., Woodbury Heights, N. J., a corporation of New Jersey. Filed Nov. 27, 1946.

MANTUA METAL PRODUCTS COMPANY

Exclusive use of the words "Metal Products Company" and the representation of a railroad crossing sign post are disclaimed.
FOR MODEL OR MINIATURE RAILWAY CARS AND EQUIPMENT FOR USE AS TOYS.
Claims use since Oct. 30, 1945.

Ser. No. 513,418. HORROCKS-IBBOTSON COMPANY, Utica, N. Y. Filed Nov. 29, 1946.

Old Hi's Favorite

The representation of the male figure is fanciful. No claim is made to the words "Old" and "Favorite" apart from the mark as shown.
FOR FISHING RODS AND POLES, FISHING REELS, FISHING LINES, HOOKS, SINKERS, ARTIFICIAL FISH BAIT, FLOATS, BAIT BOXES, LEADERS, FISH NETS, SPINNERS, FISHING SPEARS, FISHING FLIES.
Claims use since Jan. 1, 1945.

Ser. No. 516,647. TEKSUN, INC., West Los Angeles, Calif. Filed Jan. 30, 1947.

TEKSUN TALKIE TOY

The words "Talkie Toy" are disclaimed apart from the mark.
FOR TOY TELEPHONES.
Claims use since June 1946.

Ser. No. 518,074. ELISCU & COMPANY, INC., New York, N. Y. Filed Feb. 25, 1947.

PUDDLES

FOR FLOATABLE TOYS COMPRISING VARIOUS SHAPES—NAMELY, ANIMAL FIGURES, DOLL-LIKE FIGURES, GEOMETRIC FIGURES, AND BOATS.
Claims use since Jan. 20, 1947.

Ser. No. 521,232. ACME MACHINE & FABRICATION CO., Birmingham, Ala. Filed Apr. 24, 1947.

DIXIE FLYER

FOR TOY COASTER WAGONS.
Claims use since June 29, 1946.

Ser. No. 525,679. ALINE MARGARET REISTER, Detroit, Mich. Filed July 2, 1947.

LANNY

FOR DOLLS.
Claims use since Jan. 25, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 491,219. SOMAR SPECIALTY CORP., Bridgeport, Conn. Filed Nov. 7, 1945.

"1001"

FOR TOOL HANDLE HAVING A HOLDING CHUCK TO RECEIVE AND HOLD A KNIFE BLADE, A SCREW DRIVER BLADE, AN AWL, OR OTHER REPLACEABLE TOOL FOR USE IN HANDICRAFT WORK.
Claims use since May 16, 1944.

Ser. No. 514,132. N. R. K. MFG. & ENGINEERING CO., Chicago, Ill., assignor to N. R. K. Mfg. & Engineering Co., Chicago, Ill., a corporation of Illinois. Filed Dec. 12, 1946.

NRK

FOR HAND OPERATED PLASTIC INJECTION MOLDING MACHINES.
Claims use since Sept. 16, 1946.

Ser. No. 517,620. JOHN D. COCHIN, doing business as J. D. Cochin Manufacturing Co., South San Francisco, Calif. Filed Feb. 17, 1947.

Easy

FOR AUTOMOTIVE SERVICE EQUIPMENT—NAMELY, AUTOMOBILE LIFTS OF THE HYDRAULIC AND HYDRAULIC-PNEUMATIC TYPE, AIR COMPRESSORS OF THE CHARACTER USED IN GARAGES AND AUTOMOBILE SERVICE STATIONS.
Claims use since Nov. 1, 1926, on automobile lifts; and since Aug. 15, 1932, on air compressors.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 516,571. PRESSING SUPPLY COMPANY, Philadelphia Pa. Filed Jan. 29, 1947.

PRESCO

FOR IRONING BOARD PADS AND IRONING BOARD PAD COVERS.
Claims use since June 5, 1942.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 481,322. GARRISON MACHINE WORKS, INC., Dayton, Ohio. Filed Mar. 26, 1945.

THERMO-LAB

FOR BOX-LIKE TEMPERATURE CONTROLLED CABINETS WITHIN WHICH THE MANUFACTURE, ASSEMBLY, CALIBRATION, INSPECTION AND TESTING OF PRECISION PARTS, ASSEMBLIES AND APPARATUS MAY BE ACCOMPLISHED.
Claims use since Nov. 16, 1944.

Ser. No. 492,222. RAY-CONTROL COMPANY, Pasadena, Calif. Filed Nov. 26, 1945.

Lestra-Lite

No exclusive rights are claimed in the term "Lite" apart from the mark.
FOR OPTICAL ELEMENTS—NAMELY, LENSES, PRISMS AND TRANSPARENT BODIES HAVING TRANSPARENT, REFLECTION-REDUCING COATINGS AND REFLECTION REDUCING COATINGS FORMED UPON SUCH OPTICAL ELEMENTS AND BODIES.
Claims use since Oct. 15, 1945.

Ser. No. 494,562. KERN & CO. A.-G., Aarau, Switzerland. Filed Jan. 10, 1946.

SWITAR

FOR OBJECTIVE LENSES FOR PHOTOGRAPHIC APPARATUS—NAMELY, STILL CAMERAS AND MOVIE CAMERAS.
Claims use since Jan. 11, 1944.

Ser. No. 512,088. PIGNONS S. A., Ballaigues, Switzerland. Filed Nov. 5, 1946.

ALPA

FOR PHOTOGRAPHIC APPARATUS AND ACCESSORIES—NAMELY, LENSES, FILTERS, SUNSHADES, CABLE RELEASERS, SELF-TIMERS, TRIPODS, VIEWERS, AND FILM CARTRIDGES.
Claims use since May 30, 1942.

Ser. No. 524,736. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed June 24, 1947. Under 10-year proviso.

SHERWIN-WILLIAMS

FOR MEASURING MACHINES AND INSTRUMENTS FOR PAINTS.
Claims use since Dec. 9, 1937.

Ser. No. 525,072. FRANK W. DWYER, doing business as F. W. Dwyer Manufacturing Company, Chicago, Ill., assignor to F. W. Dwyer Mfg. Co., Chicago, Ill., a corporation of Illinois. Filed June 28, 1947.

VISI-DRAFT

The word "Draft" is disclaimed apart from the mark.
FOR DRAFT GAUGES.
Claims use since Aug. 27, 1941.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 523,738. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed June 7, 1947.

American Bride

No claim is made to the exclusive use of the word "American" apart from the mark.
FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since Apr. 2, 1947.

Ser. No. 523,739. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed June 7, 1947.

American Groom

No claim is made to the word "American" apart from the mark.
FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since Apr. 2, 1947.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 496,549. EMPIRE CRAFTS CORPORATION, Newark, N. Y. Filed Feb. 14, 1946.

Nobility Plate

The exclusive use of the word "Plate" is disclaimed apart from the mark as shown.
FOR SILVER PLATED FLAT TABLEWARE.
Claims use since Sept. 30, 1940.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 480,902. GRAY & CO., Minneapolis, Minn. Filed Mar. 14, 1945.

OL' SOFTIE

FOR TANKS FITTED WITH LEAD LINES, VALVES AND FOR THE INDIVIDUAL CONTAINERS FOR CHEMICAL AGENTS WHICH FORM A PART OF AND ARE CONNECTED WITH SUCH TANKS IN A SYSTEM FOR FILTERING AND SOFTENING WATER.
Claims use since Jan. 5, 1945.

Ser. No. 480,903. GRAY & CO., Minneapolis, Minn. Filed Mar. 14, 1945.



FOR TANKS FITTED WITH LEAD LINES, VALVES AND FOR THE INDIVIDUAL CONTAINERS FOR CHEMICAL AGENTS WHICH FORM A PART OF AND ARE CONNECTED WITH SUCH TANKS IN A SYSTEM FOR FILTERING AND SOFTENING WATER.
Claims use since Jan. 5, 1945.

Ser. No. 486,625. THE LINDE AIR PRODUCTS COMPANY, New York, N. Y. Filed Aug. 2, 1945.

Linde

FOR REFRIGERATION APPARATUS PARTICULARLY DESIGNED FOR COOLING METAL ARTICLES TO SUBZERO TEMPERATURES BY MEANS OF LIQUEFIED GASES TO SHRINK THE ARTICLES, INCREASE THEIR HARDNESS, OR STABILIZE THEIR SIZE.
Claims use since July 1944.

Ser. No. 514,210. MEIER, INC., Detroit, Mich. Filed Dec. 13, 1946.

MEIER-MATIC

The word "Meier" is disclaimed apart from the mark.
FOR FILTERS AND FILTER ELEMENTS FOR USE PRIMARILY IN CONNECTION WITH ENGINES.
Claims use since Dec. 4, 1946.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 518,884. FOOD DISPLAY COVER COMPANY, INC., Indianapolis, Ind. Filed Mar. 12, 1947.

EZ-VU

FOR TRANSPARENT COVERED FRAMES AND RACKS USED AS COUNTERS AND SHOW CASES IN STORES FOR DISPLAYING AND PROTECTING PASTRY AND OTHER FOOD PRODUCTS.
Claims use since Jan. 1, 1947.

CLASS 33

GLASSWARE

Ser. No. 500,842. SPAULDING & COMPANY, Chicago, Ill. Filed Apr. 24, 1946.



The trade-mark consists of a right angle triangle in solid black color, with the hypotenuse thereof extending obliquely with respect to the container to which the trade-mark is applied.
FOR ARTICLES FORMED OF GLASS—NAMELY, TUMBLERS AND GLASSES, VASES, BOWLS, DECANTERS, DISHES, SHAKERS, WINE SETS AND CORDIAL SETS.
Claims use since Oct. 1, 1932.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 525,183. THE BALDWIN COMPANY, Cincinnati, Ohio. Filed June 30, 1947. Under section 5b of the act of 1905 as amended in 1920.

BALDWIN

FOR ELECTRIC MUSICAL INSTRUMENTS.
Claims use since Jan. 31, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 511,634. NON PAREIL PUBLISHING CORPORATION, New York, N. Y. Filed Oct. 28, 1946.

EXPOSED

FOR MAGAZINE OR PUBLICATION PUBLISHED PERIODICALLY.
Claims use since July 1942.

CLASS 39

CLOTHING

Ser. No. 511,028. MCCROSSEN HANDWOVEN TEXTILES, INC., Santa Fe, N. Mex. Filed Oct. 17, 1946.



The drawing is lined for red. Applicant disclaims any exclusive rights to the words "Hand Woven By," "Hand-Woven Textiles, Inc.," "McCrossen," and "Santa Fe, New Mexico," apart from the mark.
FOR MEN'S SCARFS AND NECKTIES.
Claims use since February 1938.

Ser. No. 512,715. SOCIETE A RESPONSABILITE LIMITEE, SOCIETE CHAPELIERE DE BEAUVAIS, Paris, France. Filed Nov. 15, 1946.

"NÉO-DAIM"

The word "Neo" is hereby disclaimed apart from the mark as shown.
FOR HATS FOR MEN AND WOMEN.
Claims use since Feb. 18, 1938.

Ser. No. 513,032. DAN-MAR TROUSER COMPANY, Baltimore, Md. Filed Nov. 22, 1946.

DAN-MAR
TROUSER
COMPANY

The words "Trouser Company" are disclaimed apart from the mark.
FOR MEN'S AND BOYS' SUITS, TROUSERS AND SPORTSWEAR — NAMELY, SPORT SHIRTS AND SLACKS.
Claims use since Jan. 16, 1946.

Ser. No. 513,571. THE L. V. MARKS & SONS COMPANY, Cincinnati, Ohio. Filed Dec. 2, 1946.

RUN-A-BOUT

FOR SHOES OF LEATHER, FABRIC, AND COMBINATIONS OF THESE MATERIALS.
Claims use since October 1913.

Ser. No. 524,454. GREENBERG-FISCH HAT CO., New York, N. Y. Filed June 19, 1947.

Blue Teen

The term "Teen" is disclaimed apart from the trade-mark as shown in the drawing.
FOR LADIES' HATS.
Claims use since June 9, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 507,658. SOL SHORE AND COMPANY, Philadelphia, Pa. Filed Aug. 19, 1946.

SHORE-TEX

FOR COTTON TEXTILE PIECE GOODS.
Claims use since January 1945.

Ser. No. 508,848. KEN-GORD MFG. CORP., Chicago Heights, Ill. Filed Sept. 11, 1946.

ORGANDINE

FOR RAYON FABRICS SOLD BY THE BOLT, WINDOW CURTAINS, TABLECLOTHS AND TABLE PLACE COVERS.
Claims use since Aug. 1, 1946.

Ser. No. 509,078. F. DUCHARNE SILK CO., INC., New York, N. Y. Filed Sept. 14, 1946.

LUCINDE

FOR FABRIC IN THE PIECE CONSISTING OF RAYON.
Claims use since Feb. 11, 1944.

Ser. No. 513,915. THE VITRON CORPORATION, Wilmington, Del. Filed Dec. 7, 1946.

Vitron

FOR WOVEN, MATTED, AND FELTED GLASS FIBER CLOTH, IN THE PIECE, AND FLORAL RIBBON IN THE BOLT.
Claims use since Oct. 30, 1946.

Ser. No. 515,117. JANTZEN KNITTING MILLS, Portland, Oreg., assignor to Jantzen Knitting Mills Inc., Portland, Oreg., a corporation of Nevada. Filed Dec. 31, 1946.

SLOPE-MASTER

FOR WOVEN TEXTILE FABRIC COMPOSED OF COTTON FIBERS.
Claims use since Apr. 7, 1945.

Ser. No. 516,570. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Jan. 29, 1947.

PEPPRON

FOR SHEETS AND PILLOW CASES, BLANKETS, AND FABRICS IN THE PIECE MADE OF COTTON, WOOL, SILK, RAYON, OR MIXTURES OF ANY OF THEM.
Claims use since January 1946.

Ser. No. 517,133. THE HOME FURNISHINGS STYLE COUNCIL, New York, N. Y. Filed Feb. 7, 1947. Under the act of February 20, 1905, as amended June 10, 1938.

B.H.F.

The collective mark is used upon the goods to indicate that the color of the item is certified as to shade.
FOR CARPETS AND RUGS, AND FOR UPHOLSTERY AND DRAPERY FABRICS MADE OF COTTON, LINEN AND NYLON AND COMBINATIONS THEREOF, IN THE PIECE, WINDOW CURTAINS, AND BEDSPREADS MADE OF COTTON, LINEN, RAYON, NYLON OR COMBINATIONS THEREOF.
Claims use since Mar. 14, 1946.

Ser. No. 517,399. BARRET TEXTILE CORPORATION, New York, N. Y. Filed Feb. 13, 1947.

BARRAPLEX

FOR PLASTIC COATED TEXTILE FABRICS, IN THE PIECE CONSISTING OF WOOL, SILK, COTTON, RAYON, NYLON, AND PROTEIN FIBERS AND MIXTURES THEREOF.
Claims use since Feb. 1, 1946.

Ser. No. 521,235. ASHER & BORETZ, INC., New York, N. Y. Filed Apr. 24, 1947.

PYROTWEED

FOR PLASTIC-COATED COTTON FABRICS.
Claims use since Jan. 15, 1946.

Ser. No. 521,239. BOLAND MFG. CO., Chicago, Ill. Filed Apr. 24, 1947.

Crysto-Cleer

No claim is made to the word "Cleer" apart from the mark as shown.
FOR WINDOW CURTAINS, WINDOW DRAPERIES, CRIB SHEETS, TABLE TOP COVERS, AND TABLE CLOTH COVERS, ALL FORMED OF PLASTIC FILM.
Claims use since Apr. 6, 1945.

Ser. No. 524,740. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed June 24, 1947. Under section 5b of the act of 1905 as amended in 1920.

SHERWIN-WILLIAMS

Applicant is the owner of trade-mark registration No. 438,455, dated Apr. 20, 1948, effected under the 10-year proviso of the act of February 20, 1905.
FOR CLOTH (MADE OF NYLON, SILK, RAYON, COTTON, LINEN, METAL, AND OTHER TYPES OF FIBERS), FOR SALE BY THE BOLT, YARD, AND PIECE, FOR USE BY SIGN WRITERS, SIGN PAINTERS, ARTISTS, AND SILK SCREEN PROCESSORS.
Claims use since Oct. 2, 1939.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 523,410. NATIONAL NUGRAPE COMPANY, Atlanta, Ga. Filed June 2, 1947.

Wynola

FOR NONALCOHOLIC, MALTLESS BEVERAGE IN THE NATURE OF A SOFT DRINK, AND SYRUPS AND EXTRACTS THEREFOR.
Claims use since June 15, 1900.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 489,235. THE NEUMAN AND SCHWIERS COMPANY, New York, N. Y. Filed Oct. 1, 1945.

Enesco

FOR CANNED FOOD PRODUCTS—NAMELY, FRUITS, CRANBERRY SAUCE, FRUIT PRESERVES, MARMALADE, MAYONNAISE, MAPLE SYRUP, OLIVES, SHOESTRING POTATOES, PEA SOUP MIX, GRAPEFRUIT JUICE AND VANILLA EXTRACT FOR FOOD PURPOSES, FIGS IN SYRUP, AND PEANUT BUTTER.
Claims use since May 1906.

Ser. No. 490,341. ST. LOUIS MACARONI MFG. CO., INC., St. Louis, Mo. Filed Oct. 22, 1945.



No claim is made to the expressions "A to Z" and "1 to 10" apart from the mark. The representation of the woman is fanciful.
FOR SOUP NOODLES.
Claims use since Oct. 15, 1945.

Ser. No. 524,741. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed June 24, 1947. Under section 5b of the act of 1905 as amended in 1920.

SHERWIN-WILLIAMS

Applicant is owner of registration No. 438,455 of Apr. 20, 1948, effected as a trade-mark for ten years next preceding Feb. 20, 1905.
FOR VEGETABLE SEED MEALS AS FEED FOR CATTLE, LIVESTOCK, AND DAIRY ANIMALS.
Claims use since 1902.

CLASS 47

WINES

Ser. No. 518,429. ROMA WINE COMPANY, doing business as La Boheme Vineyards Company, Fresno, Calif., assignor, by mesne assignments, to Schenley Distillers Corporation, New York, N. Y., a corporation of Delaware. Filed Mar. 3, 1947.



FOR WINES.
Claims use since Nov. 7, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 496,319. R. & A. KOHNSTAMM (LONDON), INC., New York, N. Y. Filed Dec. 22, 1947. Under section 2f of the act of 1946.



FOR LEATHER.
Claims use since 1934.

Ser. No. 502,441. GUY LEE LEATHER CO., INC., Philadelphia, Pa. Filed Aug. 12, 1947.



No claim is made to the word "Oak" apart from the mark as shown.
FOR SOLE LEATHER.
Claims use since Mar. 23, 1945.

Ser. No. 519,978. R. T. PLATKA FUELS, INC., Burlington, Vt. Filed Aug. 6, 1947.



The representation of a lump of coal and the word "Fuel" are disclaimed apart from the mark as shown.
FOR COAL.
Claims use since Sept. 12, 1946.

Ser. No. 519,979. R. T. PLATKA FUELS, INC., Burlington, Vt. Filed Aug. 6, 1947.



The representation of a lump of coal and the word "Coal" are disclaimed apart from the mark as shown.
FOR COAL.
Claims use since Jan. 2, 1946.

Ser. No. 531,645. E. F. BURLINGHAM & SONS, Forest Grove, Oreg. Filed Aug. 18, 1947.



FOR GRASS, FIELD, AND VEGETABLE SEEDS.
Claims use since 1936.

Ser. No. 535,796. GODFREY L. CABOT, INC., Boston, Mass. Filed Sept. 26, 1947.

STERLING

FOR CARBON BLACK FOR GENERAL USE IN THE INDUSTRIAL ARTS.
Claims use since Oct. 8, 1931.

Ser. No. 536,328. T. W. WOOD & SONS, Richmond, Va. Filed Sept. 30, 1947. Under section 2f of the act of 1946.

Pinehurst Special

Applicant claims ownership of registration No. 297,798.
FOR LAWN GRASS SEED.
Claims use since January 1925.

Ser. No. 536,658. MORRIS WHITE FASHIONS, INC., New York, N. Y. Filed Oct. 3, 1947.

Whitalope

FOR SUEDE LEATHER.
Claims use since Aug. 7, 1945.

Ser. No. 539,394. B. COHEN & SONS, Woonsocket, R. I. Filed Oct. 29, 1947.

WEAREVER

FOR REPROCESSED AND REUSED WOOL.
Claims use since Oct. 8, 1947.

Ser. No. 539,580. TRANSYLVANIA TANNING CO., Brevard, N. C., and New York, N. Y. Filed Oct. 30, 1947.

TRANSFLEX

FOR SOLE LEATHER.
Claims use since 1935.

Ser. No. 539,881. J. OLIVER JOHNSON SEED COMPANY, Chicago, Ill. Filed Nov. 1, 1947.

WEST PARKS

Applicant claims ownership of registration No. 399,160.
FOR GRASS SEED.
Claims use since Dec. 31, 1918.

Ser. No. 540,056. EAGLE-FLAGG TANNING CORPORATION, New York, N. Y. Filed Nov. 4, 1947.

"GALATAN"

FOR UPPER LEATHERS MADE OF COWHIDE.
Claims use since Oct. 31, 1947.

CLASS 2

RECEPTACLES

Ser. No. 527,624. CHICAGO CARTON COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

CHICAGO CARTON COMPANY

No claim is made to the words "Carton Company" apart from the mark.
FOR CARTONS.
Claims use since 1909.

Ser. No. 528,335. CHICAGO BRIDGE & IRON COMPANY, Chicago, Ill. Filed July 11, 1947. Under section 2f of the act of 1946.

HORTON

The trade-mark comprises the word "Horton." Applicant claims ownership of registrations No. 211,296 and No. 191,132.
FOR STEEL TANKS FOR THE STORAGE OF LIQUIDS SUCH AS WATER, GASOLINE, OIL, AND THE LIKE; AND ROOFS THEREFOR.
Claims use since Nov. 15, 1924.

Ser. No. 536,546. PLASTIC SHEET FABRICATION, INC., New York, N. Y. Filed Oct. 2, 1947.

BABY'S BOTTLEMASTER
TRADE MARK

The words "Baby's" and "Trade Mark" are disclaimed.
FOR HEAT INSULATING CONTAINERS OF PLASTIC SHEETING AND INSULATING MATERIAL FORMING SOFT BAG-LIKE STRUCTURES FOR A BABY'S MILK BOTTLE.
Claims use since Sept. 27, 1947.

Ser. No. 537,496. THE OLD TOWN COMPANY, Old Town, Maine, assignor to Stevens & Thompson Paper Co., Greenwich, N. Y., a corporation of New York. Filed Oct. 10, 1947.

CHEF'S SPECIAL

No claim is made to the word "Special" separate and apart from the word "Chef's."
FOR PAPER PLATES.
Claims use since Apr. 23, 1946.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 533,757. MARKAY BAGS, INC., New York, N. Y. Filed Sept. 8, 1947.

Golden Gate

Applicant claims ownership of registration No. 358,715.
FOR HANDBAGS.
Claims use since Dec. 13, 1936.

Ser. No. 550,074. HARRY ROSENFELD, INC., New York, N. Y. Filed Feb. 18, 1948.

KUMQUAT

FOR HANDBAGS, POCKETBOOKS, AND PURSES.
Claims use since Nov. 1, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 540,912. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

BRAS-BRITE

Applicant claims ownership of registration No. 163,857.
FOR BRASS POLISH, LIQUID PASTE OR SEMI-PASTE.
Claims use since Mar. 29, 1905.

Ser. No. 541,153. JOSEPH A. MARCHETTA, doing business as Central Laboratories, Utica, N. Y. Filed Nov. 14, 1947.

SAPONOL

FOR WETTING AND EMULSIFYING AGENT FOR USE AS A SOIL AND SPOT REMOVER IN DRY CLEANING.
Claims use since Aug. 15, 1946.

Ser. No. 543,410. B. & B. PRODUCTS COMPANY, Mishawaka, Ind. Filed Dec. 5, 1947.

BRITEE MAGIC

FOR CLEANING COMPOUND, FOR AUTOMOBILES, UPHOLSTERY, RUGS, WOODWORK, FURNITURE, AND VENETIAN BLINDS.
Claims use since Apr. 1, 1947.

Ser. No. 545,985. HERBERT HONIG, doing business as Tutchon Products Co., New York, N. Y. Filed Jan. 2, 1948.

TUTCHON

FOR IMPREGNATED CLEANSING AND POLISHING CLOTH AND IMPREGNATING COMPOUND THEREFOR.
Claims use since Nov. 30, 1947.

Ser. No. 546,956. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J. Filed Jan. 14, 1948.

DERMATERGENT

FOR SYNTHETIC DETERGENT FOR THE FACE AND BATH.
Claims use since Dec. 5, 1947.

CLASS 5

ADHESIVES

Ser. No. 537,200. LEE RUBBER AND TIRE CORPORATION, Conshohocken, Pa. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

LEE of Conshohocken

Applicant claims ownership of registration No. 361,543.
FOR RUBBER CEMENT.
Claims use since Apr. 15, 1937.

Ser. No. 538,848. ARMOUR AND COMPANY, Chicago, Ill. Filed Oct. 24, 1947.

TIMBOND

FOR BLOOD RESIN ADHESIVE COMPOSITIONS.
Claims use since June 20, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 512,328. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 14, 1947.

RESOFORM

FOR DYESTUFFS FOR COLORING PLASTICS.
Claims use since Oct. 1, 1946.

Ser. No. 520,973. R. B. SEMLER, INC., New Canaan, Conn. Filed Aug. 28, 1947.

FOLISAN

FOR PREPARATION FOR SHAMPOO, ENHANCING THE SOIL REMOVAL PROPERTIES OF SOAP, HAVING WATER SOFTENING PROPERTIES, PREVENTING THE FORMATION OF SOAP CURDS IN HARD WATER, AND INCREASING THE FOAMING PROPERTIES OF SOAP.
Claims use since Mar. 24, 1947.

Ser. No. 522,735. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Aug. 2, 1947.

KURDEX

Applicant claims ownership of registration No. 393,502.
FOR ALKALINE PRODUCT IN POWDERED FORM FOR NEUTRALIZING CREAM FOR USE IN MAKING BUTTER.
Claims use since Aug. 31, 1932.

Ser. No. 526,501. SPENCER CHEMICAL COMPANY, Kansas City, Mo. Filed July 5, 1947.

SPENSOL

FOR NITROGEN SOLUTION—NAMELY, A SOLUTION OF AMMONIUM NITRATE IN AMMONIUM LIQUOR FOR USE IN THE MANUFACTURE OF FERTILIZER.
Claims use since May 16, 1947.

Ser. No. 527,006. H. M. SINCLAIR, JR., trustee for The Sinclair Manufacturing Company, Toledo, Ohio. Filed July 5, 1947. Under section 2f of the act of 1946.

SINCLAIR

The representation of the drain-pipe is disclaimed apart from the mark.
FOR CAUSTIC SODA IN DRY AND GRANULAR STATE FOR USE AS A DRAIN OPENER.
Claims use since Jan. 1, 1936.

Ser. No. 527,448. TABLE ROCK LABORATORIES, INC., Greenville, S. C. Filed July 5, 1947.

ASOFLAMIN

Applicant claims ownership of registration No. 403,847.
FOR TABLET FOR THE TREATMENT OF VITAMIN DEFICIENCIES, FOR NEURITIS, MALNUTRITION, POLYNEURITIS, AND VITAMIN B COMPLEX DEFICIENCIES.
Claims use since March 1940.

Ser. No. 527,869. ARMOUR AND COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

lastic life

FOR COATING COMPOSITION FOR PROTECTING TENNIS, BADMINTON, AND SQUASH RACKET STRINGS.
Claims use since January 1928.

Ser. No. 530,514. INTERNATIONAL PRODUCTS CORPORATION, New York, N. Y. Filed Aug. 5, 1947.

LUNA

FOR TANNING EXTRACTS.
Claims use since Mar. 31, 1920.

Ser. No. 530,774. SCHERING CORPORATION, Bloomfield, N. J. Filed Aug. 7, 1947.

MICROPELLET

FOR MEDICINAL PREPARATION IN THE FORM OF A SOLUTION RECOMMENDED FOR THE TREATMENT OF HORMONE DEFICIENCIES, TO BE ADMINISTERED BY INJECTION.
Claims use since Apr. 28, 1947.

Ser. No. 532,348. SOCIETE A RESPONSABILITE LIMITEE PARFUMS GERMAINE LECOMTE, Paris, France. Filed Aug. 25, 1947.

Soir de fête

Applicant claims ownership of French registration No. 364,480, dated Feb. 27, 1946.
FOR PERFUMES, TOILET WATER, COLOGNE, ROUGE, LIPSTICK, FACE POWDER.

Ser. No. 532,489. GEORGE ROBERT PARKINSON, doing business as Jean-Louis Le Court Co., New York, N. Y. Filed Aug. 26, 1947. Under section 2f of the act of 1946.

Jean-Louis Lecourt

The name shown in the drawing is purely fanciful.
Applicant claims ownership of registration No. 401,401.
FOR PERFUMES.
Claims use since Dec. 15, 1939.

Ser. No. 532,553. BROOKFIELD LABORATORIES, Brookfield, Ill. Filed Aug. 27, 1947.

TYROZOL

FOR OINTMENT USED IN THE TREATMENT OF EXTERNAL OTITIS IN DOMESTIC ANIMALS.
Claims use since September 1946.

Ser. No. 533,095. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich. Filed Sept. 2, 1947.

SOUR-TEC

The word "Sour" is disclaimed apart from the mark.
FOR ACIDIC COMPOUND FOR SOURING OR NEUTRALIZING ALKALINITY IN LAUNDRY OPERATIONS.
Claims use since Mar. 31, 1944.

Ser. No. 533,096. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich. Filed Sept. 2, 1947.

PLURACOL

FOR POLYOXYALKYLENE GLYCOLS OF RELATIVELY HIGHER MOLECULAR WEIGHTS PARTICULARLY USEFUL AS EMULSIFYING, THICKENING, DISPERSING, BINDING, LUBRICATING, AND PLASTICIZING AGENTS.
Claims use since July 1, 1947.

Ser. No. 533,100. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich. Filed Sept. 2, 1947.

KLERA-CID

FOR ACIDIC COMPOUND FOR SOURING OR NEUTRALIZING ALKALINITY.
Claims use since Mar. 19, 1946.

Ser. No. 533,103. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich. Filed Sept. 2, 1947.

FLAKE K·B·X·

The word "Flake" is disclaimed apart from the mark.
FOR AN ALKALINE COMPOSITION FOR USE IN THE FOOD, BEVERAGE, LAUNDRY, AND TEXTILE INDUSTRIES, AND PARTICULARLY ADAPTED FOR, BUT NOT LIMITED TO, IMPARTING ALKALINITY TO BOTTLING WASHING SOLUTIONS, LAUNDERING SOLUTIONS, AND FOR KIER BOILING.
Claims use since March 1921.

Ser. No. 534,005. DISTILLATION PRODUCTS, INC., Wilmington, Del., and Rochester, N. Y. Filed Sept. 10, 1947.

MYVAX

Applicant claims ownership of registration No. 405,816.
FOR VITAMIN PREPARATIONS SPECIFICALLY SYNTHETICALLY PREPARED CONCENTRATES OF VITAMIN A ACETATE.
Claims use since Sept. 5, 1947.

Ser. No. 534,600. CAMPANA CORPORATION, Batavia, Ill. Filed Sept. 16, 1947.

Magic Touch

FOR FACIAL MAKE-UP PREPARATION.
Claims use since June 26, 1947.

Ser. No. 535,835. DIXIE MEDICINE CO., INC., Morrison, Tenn. Filed Sept. 26, 1947. Under section 2f of the act of 1946.

Dr. Gilbert's

GAS-TRO-MA

L. B. Gilbert, M.D.

The signature "L. B. Gilbert, M. D." is a facsimile signature of a now deceased individual.

FOR LAXATIVE AND STOMACHIC.

Claims use since June 15, 1930.

Ser. No. 536,446. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Oct. 1, 1947.



Applicant claims ownership of registrations Nos. 66,144, 177,189, 174,327, 298,059, 304,824, 377,544, and 201,669.

FOR COSMETIC CREAMS, SHAMPOOS, HAIR PREPARATIONS, DENTIFRICES, GLYCERINE, AND STEARIC ACID.

Claims use since June 1, 1935.

Ser. No. 537,730. S. PFEIFFER MFG. CO., St. Louis, Mo. Filed Oct. 13, 1947. Under section 2f of the act of 1946.

BORO-STIK

No exclusive claim is made to the word "Stik" apart from the mark shown. Applicant claims ownership of registration No. 283,805.

FOR PREPARATION FOR THE RELIEF OF CHAPPED LIPS, COLD SORES AND FEVER SORES.

Claims use since Jan. 1, 1925.

Ser. No. 538,812. THE PURE OIL COMPANY, Chicago, Ill. Filed Oct. 23, 1947.

PURAD

FOR CHEMICAL COMPOUNDS AND SUBSTANCES FOR ADDITION TO MINERAL OIL LUBRICANTS TO IMPROVE THE LUBRICATING PROPERTIES OF SUCH LUBRICANTS.

Claims use since Sept. 24, 1947.

Ser. No. 540,382. FRANK CARBONARO, doing business as Bexatol Vitamin Products, Auburn, N. Y. Filed Nov. 7, 1947.

BEXATOL

FOR PHARMACEUTICAL PREPARATION—NAMELY, VITAMIN "B" COMPLEX CAPSULES.

Claims use since Dec. 2, 1946.

Ser. No. 540,760. AGKEM, INC., Quincy, Ill. Filed Nov. 12, 1947.



FOR INSECTICIDES.

Claims use since 1914.

Ser. No. 541,169. NOREEN, INC., Denver, Colo. Filed Nov. 14, 1947.

Noreen

The words "Super Color Rinse" are disclaimed apart from the mark. Applicant claims ownership of registration No. 359,820.

FOR HAIR COLORING RINSES.

Claims use since Apr. 1, 1938.

Ser. No. 541,520. CROOKES LABORATORIES, INC., New York, N. Y. Filed Nov. 18, 1947.

COLSEDRIN

FOR NASAL DECONGESTANT, CONSISTING OF AN EPHEDRINE-LIKE SUBSTANCE USED TO SHRINK ENGORGED NASAL TISSUE.

Claims use since Feb. 3, 1947.

Ser. No. 542,959. DWAIN S. MARLOW, doing business as Ev-Air Cosmestic Co., Tulsa, Okla. Filed Dec. 2, 1947.



FOR HAIR RINSE.

Claims use since Aug. 27, 1947.

Ser. No. 543,181. HERCULES POWDER COMPANY, Wilmington, Del. Filed Dec. 3, 1947.



No claim is made to the letters "C M C" apart from the mark.

FOR CARBOXYMETHYL CELLULOSE FOR USE AS AN INGREDIENT OF ADHESIVES, THICKENING AGENTS, EMULSION STABILIZERS, DETERGENTS, TEXTILE SIZES AND FINISHES.

Claims use since Nov. 14, 1947.

Ser. No. 543,249. WYETH INCORPORATED, Philadelphia, Pa. Filed Dec. 3, 1947.

PENIFEX

FOR A COMBINED PENICILLIN-SULFATHIAZOLE PREPARATION FOR THERAPEUTICS USE.

Claims use since Oct. 29, 1947.

Ser. No. 547,014. J. C. MENDENHALL MEDICINE CO., INCORPORATED, Mount Vernon, Ind. Filed Jan. 14, 1948. Under section 2f of the act of 1946.

J. C. Mendenhall's

The trade-mark is a facsimile of the signature of Mr. J. C. Mendenhall, deceased.

FOR MALARIA CHILL AND FEVER TONIC AND FOR AN ALTERATIVE LAXATIVE.

Claims use on malaria chill and fever tonic since Sept. 2, 1908; and on an alterative laxative since Mar. 4, 1936.

Ser. No. 550,030. THE DENVER CHEMICAL MANUFACTURING COMPANY, New York, N. Y. Filed Feb. 18, 1948.

A-535

FOR MEDICATED RUB.

Claims use since Feb. 5, 1948.

Ser. No. 554,331. SHELL OIL COMPANY, INCORPORATED, San Francisco, Calif. Filed Apr. 10, 1948.

TRIONA

Applicant claims ownership of registration No. 247,540.

FOR INSECTICIDES USED AS GARDEN AND ORCHARD SPRAYS.

Claims use since June 10, 1925.

Ser. No. 554,466. FORREST W. BLEDSOE, doing business as Bledsoe Sanitary Service, Columbus, Ohio. Filed Apr. 13, 1948.

FervO

FOR BACTERIA-PRODUCING MIXTURE FOR USE IN SEPTIC TANKS, TO SPEED THE NATURAL BACTERIAL ACTION THEREOF.

Claims use since Apr. 2, 1948.

Ser. No. 554,582. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Apr. 14, 1948.

SANTOPHOBE

FOR SYNTHETIC RESINS IN SOLUTION FORM FOR USE IN TREATING TEXTILES TO IMPROVE THEIR APPEARANCE AND FEEL AND TO INCREASE THEIR RESISTANCE TO DETERIORATION, WEAR AND SHRINKAGE.

Claims use since Dec. 9, 1947.

CLASS 7

CORDAGE

Ser. No. 549,314. WIRE ROPE MANUFACTURING & EQUIPMENT COMPANY, Seattle, Wash. Filed Feb. 10, 1948.



"The Double Blue Line"

FOR WIRE ROPE.

Claims use since Nov. 15, 1925.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 518,293. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947.

AUT-O-OUT

FOR SMOKERS' ASH TRAYS MADE OF NONPRECIOUS METALS.
Claims use since July 1946.

Ser. No. 541,317. THE J. E. MERGOTT CO., Newark, N. J. Filed Nov. 15, 1947. Under section 2f of the act of 1946.

HOLD-a-PAK

Applicant claims ownership of registration No. 278,262.
FOR CIGARETTE PACKAGE HOLDING-CASE.
Claims use since Oct. 21, 1929.

CLASS 10

FERTILIZERS

Ser. No. 513,200. PEAT MOSS SALES CORPORATION, New York, N. Y. Filed Sept. 29, 1947.

JUSTRITE

FOR PEAT MOSS FOR USE AS HUMUS OR SOIL CONDITIONER.
Claims use since January 1930.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 495,517. SOUTHERN BOX AND LUMBER COMPANY, Wilmington, N. C. Filed Aug. 18, 1947. Under section 2f of the act of 1946.

BAKE-WOOD

Applicant disclaims the word "Wood" apart from the mark.
FOR PLYWOOD.
Claims use since 1935.

Ser. No. 529,919. NATIONAL CHEMICAL & MANUFACTURING COMPANY, Chicago, Ill. Filed July 29, 1947. Under section 2f of the act of 1946.

MARB-L-COTE

FOR COLORED PLASTER.
Claims use since March 1925.

Ser. No. 533,941. ST. PAUL & TACOMA LUMBER CO., Tacoma, Wash. Filed Sept. 9, 1947.



Applicant claims ownership of registration No. 263,784.
FOR LUMBER AND LUMBER PRODUCTS, CONSISTING OF MANUFACTURED FIR, CEDAR, SPRUCE, PINE, AND HEMLOCK, BOTH ROUGH AND FINISHED; SHINGLES; LAMINATED COMPOSITE BOARDS FORMED OF FIBROUS LAYERS BONDED TOGETHER AND HAVING AN OVERLAY FUSED OR OTHERWISE FIRMLY ATTACHED THERETO; PLYWOOD; AND WALLBOARDS.
Claims use since Jan. 1, 1929.

Ser. No. 537,529. WHEELING CORRUGATING COMPANY, Wheeling, W. Va. Filed Oct. 10, 1947.

BAR-X

FOR METAL LATH.
Claims use since January 1930.

Ser. No. 537,943. ERNST SEIDELMANN CORPORATION, New York, N. Y. Filed Oct. 15, 1947.

ERES



Since 1900

FOR ROUGH AND DRESSED LUMBER, WOOD FLOORING, PLYWOOD, VENEER, PRESSED WOOD FIBER BOARDS, PLASTIC AND CERAMIC WALL TILES, AND WALL PANELS COMPOSED OF A WOOD FIBER COMPOSITION WITH AN ENAMEL PAINT COATED FINISH.
Claims use since 1935.

Ser. No. 539,668. DANT & RUSSELL, INC., Portland, Oreg. Filed Oct. 31, 1947.

DANTORE

FOR LIGHTWEIGHT PLASTER AGGREGATE, LIGHTWEIGHT CONCRETE AGGREGATE, ACOUSTICAL PLASTER, HARDWALL PLASTER, AND FINE AND COARSE EXPANDED PERLITE.
Claims use since Aug. 22, 1947.

Ser. No. 541,653. THE DEXTONE COMPANY, New Haven, Conn. Filed Nov. 19, 1947.

Dextolite

Applicant claims ownership of registration No. 285,654.
FOR ARTICLES MADE FROM ARTIFICIAL STONE—NAMELY, SLABS, BLOCKS, PLINTHS, PILASTERS, COLUMNS, ARCHITRAVES, ARCHIVOLTS, FRIEZE MOLDING, COPING, CORNICES, STYLOBATES, BALUSTERS, AND RAILS.
Claims use since Nov. 1, 1947.

Ser. No. 542,038. MEXICO REFRACTORIES COMPANY, Mexico, Mo. Filed Nov. 22, 1947.

STAR—TEX

FOR FIREBRICK.
Claims use since Feb. 23, 1944.

Ser. No. 542,042. MEXICO REFRACTORIES COMPANY, Mexico, Mo. Filed Nov. 22, 1947.

THOR

FOR FIREBRICK.
Claims use since Jan. 20, 1931.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 527,685. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio, now by change of name Armco Steel Corporation. Filed July 5, 1947.

HEL-COR

Applicant claims ownership of registration No. 381,498.
FOR FERROUS METAL PIPE AND CONDUITS SUITABLE FOR CONVEYING FLUIDS AND LIQUIDS.
Claims use since January 1938.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 510,258. LAKESIDE MALLEABLE CASTINGS COMPANY, Racine, Wis. Filed Sept. 10, 1947.

LAKALLOY

FOR FERROUS CASTINGS.
Claims use since Oct. 25, 1933.

Ser. No. 539,814. THE THOMAS STEEL COMPANY, Warren, Ohio. Filed July 9, 1947. Under section 2f of the act of 1946.

Thomas Strip

Applicant claims ownership of registration No. 430,062.
FOR PLAIN COLD-ROLLED STRIP STEEL, NICKEL-COATED STRIP STEEL, COPPER-COATED STRIP STEEL, BRASS-COATED STRIP STEEL, BRONZE-COATED STRIP STEEL, HOT-DIPPED TIN-COATED STRIP STEEL, SOLDER-COATED STRIP STEEL, AND LACQUER-COATED STRIP STEEL.
Claims use since Nov. 3, 1930.

Ser. No. 547,236. CRUCIBLE STEEL COMPANY OF AMERICA, New York, N. Y. Filed Jan. 16, 1948.

ACCUMET

FOR PRECISION CASTINGS COMPOSED OF STEEL, FERROUS METAL ALLOYS, AND OTHER ALLOYS AND METALS.
Claims use since Oct. 31, 1947.

Ser. No. 547,304. AIR REDUCTION SALES COMPANY, New York, N. Y. Filed Jan. 17, 1948. Under section 2f of the act of 1946.

HI-TEST

Applicant claims ownership of registration No. 382,730.
FOR FLUX-COATED METALLIC WELDING RODS.
Claims use since Aug. 11, 1939.

Ser. No. 547,976. DELAWARE TOOL STEEL CORPORATION, Wilmington, Del. Filed Jan. 26, 1948.

DELSTEEL

FOR BAR TOOL STEEL.
Claims use since 1922.

CLASS 15

OILS AND GREASES

Ser. No. 485,751. CENTRAL PETROLEUM COMPANY, Cleveland, Ohio. Filed Sept. 23, 1947.

CENOLCO

Applicant claims ownership of registration No. 197,329.
FOR LUBRICATING OILS AND GREASES.
Claims use since Oct. 1, 1924.

Ser. No. 527,282. THE PURE OIL COMPANY, Chicago, Ill. Filed July 5, 1947.

PUROLENE

Applicant claims ownership of registrations Nos. 114,113, 178,099, 135,503, 243,822, 252,546, 318,661, 327,384, and 345,995.
FOR LUBRICATING OILS AND GREASES.
Claims use since May 18, 1916.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 488,619. THE SELIG COMPANY, Atlanta, Ga. Filed Aug. 27, 1947. Under section 2f of the act of 1946.



No exclusive claim is made to the words "Quality," "Hygienic," "Sanitary," "Perfection," and "Atlanta" apart from the mark shown in the drawing.
FOR SANITARY FLOOR OIL.
Claims use since Jan. 22, 1915.

Ser. No. 536,146. SEIDLITZ PAINT & VARNISH CO., Kansas City, Mo. Filed Sept. 29, 1947.

Durmolized

FOR PAINTS IN PASTE OR SEMI-PASTE FORM, AND VARNISH.
Claims use since Nov. 1, 1935.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 530,043. ABERCROMBIE & FITCH COMPANY, New York, N. Y. Filed July 31, 1947.

SHIPMATE

FOR SMOKING TOBACCO.
Claims use since June 1946.

Ser. No. 539,752. PENN TOBACCO COMPANY, Wilkes-Barre, Pa. Filed Oct. 31, 1947.

DUCO

FOR SMOKING AND CHEWING TOBACCO.
Claims use since Sept. 9, 1925.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 520,480. TUTTLE & KIEFT, INC., Chicago, Ill. Filed Oct. 1, 1947.

T K

FOR ELECTRICAL HEATING UNITS OF THE RESISTANCE WIRE COIL TYPE, BOTH SHEATHED AND UNSHEATHED, INCLUDING SURFACE AND OVEN HEATING UNITS FOR RANGES, HEATING ELEMENTS FOR WATER HEATERS, FLATIRONS, AND THE LIKE; AND SWITCHES AND MOTOR OPERATED CONTROLS FOR ELECTRICAL HEATING UNITS.
Claims use since Jan. 15, 1947.

Ser. No. 522,896. W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed July 5, 1947.

PROTECTOLINK

FOR ELECTRICAL CUTOUTS.
Claims use since Feb. 27, 1941.

Ser. No. 527,100. DUKE MANUFACTURING CO., St. Louis, Mo. Filed July 5, 1947.

THURMADUKE

Applicant claims ownership of registrations Nos. 274,575, 275,715, and 369,025.
FOR ELECTRICAL APPARATUS—NAMELY, FOOD WARMERS.
Claims use since Mar. 1, 1942.

Ser. No. 527,214. W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

MATTHEWS

Applicant claims ownership of registrations Nos. 233,969, 240,932, 253,114, 253,115, 253,116, 407,390, 408,900, and 409,212.
FOR ELECTRICAL LINE CONSTRUCTION SUPPLIES—NAMELY, FUSE AND SWITCH PULLERS, FUSES, FUSE LINKS, LIGHTNING GAPS AND ARRESTORS, PARTS FOR FUSES, PARTS FOR SWITCHES, EARTH ANCHORS, WIRE CLIPS, WIRE CONNECTORS, GUY GUARDS, SPLICING JOINTS, ELECTRICAL FAULT DETECTORS FOR INDICATING ELECTRICAL FAULT CONDITIONS IN ELECTRICAL SYSTEMS, CABLE CLAMPS, LIVE LINE CLAMPS, ACCESSORIES FOR FUSES AND SWITCHES—NAMELY, SWITCH BLADES AND SUPPORTING BRACKETS, ELECTRIC LAMP GUARDS, FUSE CUTOUTS, ELECTRICAL SWITCHES, FUSED SWITCHES, AND ELECTRICAL RELAYS.
Claims use since about January 1905 by applicant's predecessor in title on fuse and switch pullers, fuse links, parts for fuses, parts for switches, earth anchors, splicing joints, electrical fault detectors, cable clamps, accessories for fuses and switches, electric lamp guards, fuse cutouts, electrical switches, fused switches and fuses; since September 1929 on wire connectors; since about February 1931 on guy guards; since about April 1933 on wire clips; since about October 1935 on live line clamps; since about May 1936 on lightning gaps and arrestors; and since Feb. 21, 1947, on electrical relays.

Ser. No. 528,936. MAGUIRE INDUSTRIES, INCORPORATED, New York, N. Y., and Chicago, Ill. Filed July 19, 1947.

C. H. T.

FOR ELECTRIC TRANSFORMERS.
Claims use since Oct. 19, 1937.

Ser. No. 530,203. INTER-COMMUNICATION SYSTEM OF AMERICA, INC., Chicago, Ill. Filed Aug. 1, 1947. Under section 2f of the act of 1946.

FLASH A CALL

Applicant claims ownership of registration No. 375,962.
FOR WIRED AND WIRELESS TWO-WAY ELECTRICAL LOUDSPEAKER OFFICE AND LIKE INTERCOMMUNICATING SYSTEMS, ELECTRICAL PUBLIC ADDRESS APPARATUS AND AMPLIFIERS THEREFOR, AND PARTS THEREFOR.
Claims use since Nov. 1, 1937.

Ser. No. 530,890. ACME ELECTRIC CORPORATION, Cuba, N. Y. Filed Aug. 9, 1947.

VOLTROL

FOR VOLTAGE REGULATORS AND VARIABLE VOLTAGE TRANSFORMERS.
Claims use since August 1935.

Ser. No. 533,410. SIGNAL ELECTRIC MANUFACTURING CO., Menominee, Mich. Filed Sept. 4, 1947.

COOL SPOT

Applicant disclaims the word "Cool" apart from the mark.
FOR ELECTRIC AIR CIRCULATING FANS.
Claims use since January 1922.

Ser. No. 533,519. AMPLIFIER CORP. OF AMERICA, New York, N. Y. Filed Sept. 5, 1947.

MAGNEMATIC

FOR MAGNETIC SOUND RECORDING AND REPRODUCING APPARATUS AND PARTS THEREOF.
Claims use since Aug. 1, 1947.

Ser. No. 535,190. SMOOT-HOLMAN COMPANY, Inglewood, Calif. Filed Sept. 20, 1947. Under section 2f of the act of 1946.



FOR FLOOD LIGHTING EQUIPMENT, MERCURY INDUSTRIAL LIGHTING FIXTURES, FLUORESCENT LIGHTING FIXTURES, INDUSTRIAL AND COMMERCIAL; AND INCANDESCENT LIGHTING FIXTURES, INDUSTRIAL AND COMMERCIAL.
Claims use since Dec. 20, 1921.

Ser. No. 537,810. MODERN HYGIENE CORPORATION, Boston, Mass. Filed Oct. 14, 1947. Under section 2f of the act of 1946.

Modern Hygiene

Applicant claims ownership of registration No. 430,678.
FOR ELECTRIC VACUUM CLEANERS.
Claims use since Apr. 4, 1939.

Ser. No. 538,058. WEBSTER ELECTRIC COMPANY, Racine, Wis. Filed Oct. 16, 1947.

Telespatch

FOR INTER-COMMUNICATING SOUND AMPLIFYING AND TRANSMITTING SYSTEMS COMPRISING SPEAKERS, AMPLIFIERS, MICROPHONES, INTERCONNECTING CIRCUITS, AND ENERGIZING DEVICES WHEREBY CONVERSATION AT EITHER POINT MAY BE HEARD AT THE OTHER POINT OF COMMUNICATION.
Claims use since Aug. 15, 1947.

Ser. No. 538,676. TRIMM, INC., Libertyville, Ill. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

TRIMM

Applicant claims ownership of registration No. 207,213.
FOR RADIO AND TELEPHONE HEADSETS AND EARPHONES, AND GROUP HEARING AIDS, FOR THEATRES, CHURCHES, AND SIMILAR USE.
Claims use since May 1922 on radio and telephone headsets and earphones; and since 1932 on individual and group hearing aids.

Ser. No. 538,731. DORAY LAMP CO., INC., Chicago, Ill. Filed Oct. 23, 1947. Under section 2f of the act of 1946.

Do-Ray

Applicant claims ownershp of registration No. 241,443.
FOR MOTOR VEHICLE ACCESSORIES, AS FOLLOWS: ELECTRICAL VEHICLE LAMPS—NAMELY, SPOTLIGHTS, STOP LIGHTS, ROAD LIGHTS, SEARCHLIGHTS, ELECTRIC FLARES, ELECTRIC CLEARANCE LAMPS, DIRECTIONAL SIGNALS, FOG LIGHTS AND BACK-UP LIGHTS.
Claims use since July 1, 1925.

Ser. No. 539,178. LAHER SPRING AND TIRE CORPORATION, Oakland, Calif. Filed Oct. 27, 1947.



The words "Laher" and "The Battery With 9 Lives" are disclaimed apart from the mark. Applicant claims ownership of registration No. 426,224.
FOR AUTOMOBILE BATTERIES.
Claims use since Oct. 3, 1947.

Ser. No. 540,304. JOHN MUTO, doing business as Luma-Nite Sales Products, Chicago, Ill., assignor to Joseph Focosi. Filed Nov. 6, 1947.

LUMA-NITE

FOR MAGNETICALLY ATTACHABLE ELECTRIC TROUBLE LIGHTS FOR VEHICLES.
Claims use since May 21, 1947.

Ser. No. 540,561. OAKES & COMPANY, Chicago, Ill. Filed Nov. 8, 1947.

Style Craft

The word "Style" is disclaimed apart from the mark as shown. Applicant claims ownership of registration No. 432,831.
FOR RADIO RECEIVING SETS AND PARTS THEREOF.
Claims use since Feb. 1, 1946.

Ser. No. 542,853. G. H. LELAND, INC., Dayton, Ohio. Filed Dec. 1, 1947.

LEDEX

FOR ELECTRICAL DEVICES—NAMELY, SOLENOIDS, RECTIFIERS AND SELECTOR SWITCHES.
Claims use since Oct. 11, 1945.

Ser. No. 542,981. THE WARD PRODUCTS CORPORATION, Cleveland, Ohio. Filed Dec. 2, 1947.

EIGHT BALL

FOR RADIO ANTENNA.
Claims use since Mar. 1, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 517,836. THE CRIB-DERBY CO., St. Paul, Minn. Filed Jan. 19, 1948.

CRIB-DERBY

FOR CRIBBAGE BOARDS.
Claims use since Sept. 1, 1941.

Ser. No. 527,069. B. F. GLADDING & CO. INC., South Otselic, N. Y. Filed July 5, 1947.

BLUE RIBBON

Applicant claims ownership of registration No. 153,182.
FOR FISHING LINES.
Claims use since Apr. 25, 1913.

Ser. No. 528,415. ARMOUR AND COMPANY, Chicago, Ill. Filed July 12, 1947.

XXX TROPICAL

FOR STRINGS FOR TENNIS, BADMINTON, AND SQUASH RACKETS.
Claims use since 1917.

Ser. No. 529,393. EUGENE B. LASKIN, doing business as Laskin Manufacturing Company, Baltimore, Md. Filed July 24, 1947.

CIRCLE 30

FOR TOY MINIATURE GAS ENGINES FOR MODEL AIRCRAFT, FOR BOATS, OR OTHER MODEL VEHICLES.
Claims use since June 10, 1947.

Ser. No. 529,529. C. G. CONN LTD., Elkhart, Ind. Filed July 18, 1947.



The representation of a fish is disclaimed apart from the mark shown.
FOR FISHING-TACKLE BOXES.
Claims use since May 13, 1926.

Ser. No. 530,477. DOWST MANUFACTURING COMPANY, Chicago, Ill. Filed Aug. 5, 1947.

TOOTSIETOY

Applicant claims ownership of registrations Nos. 365,092 and 181,033.
FOR MINIATURE TOYS—NAMELY, AUTOMOBILES, TRUCKS, TRACTORS, AEROPLANES, BOATS, SUBMARINES, ZEPPELINS, TRAINS, CANNONS, DISHES, DOLL-HOUSES, BADGES, WHISTLES, CHILDREN'S BASKETBALLS, GUNS, PISTOLS, TELEPHONES, FIRE-ENGINES, DERRICKS, LADDERS, SCALES, BATH-ROOM FIXTURES, FORTUNE-TELLING SETS, LIVING-ROOM SUITES, BEDROOM SUITES, DINING-ROOM SETS, ROCKERS, CHAIRS, DAVENPORTS, DESKS, DRESSERS, TABLES, BEDS, TEA CARTS, AND OTHER TOY FURNITURE.
Claims use since Apr. 20, 1921.

Ser. No. 530,978. SPORT PRODUCTS, INC., Cincinnati, Ohio. Filed Aug. 9, 1947. Under section 2f of the act of 1946.

MacGregor

Applicant claims ownership of registrations Nos. 137,977 (renewed), 167,065 (renewed), 188,982 (renewed), 296,406, 383,913, 385,253, and 402,549.
FOR TENNIS RACKETS.
Claims use since Jan. 1, 1938.

Ser. No. 531,071. WRIGHT & MCGILL CO., Denver, Colo. Filed Aug. 11, 1947.

EAGLE CLAW HOOKS

The word "Hooks" is disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 279,747 and 370,137.
FOR FISH HOOKS AND ARTIFICIAL FISH LURES.
Claims use since Sept. 27, 1927.

Ser. No. 531,917. THEODORE R. KEITH, Nutley, N. J. Filed Aug. 20, 1947.

"Double Trouble"

FOR BOARD GAME PLAYED WITH MARBLES.
Claims use since July 19, 1947.

Ser. No. 534,023. THE DAVID J. JOSEPH COMPANY, Cincinnati, Ohio. Filed Sept. 10, 1947.

SURFACE DOODLER

The word "Surface" is disclaimed apart from the mark.
FOR FISHING LURES.
Claims use since Aug. 8, 1946.

Ser. No. 535,323. IDEAL NOVELTY & TOY CO., Hollis, N. Y. Filed Sept. 23, 1947.

"Miracle Skin"

FOR DOLLS.
Claims use since June 30, 1947.

Ser. No. 541,408. GEORGE S. COX, doing business as Geo. S. Cox Mfg. Co., St. Louis, Mo. Filed Nov. 17, 1947.

YUGA

FOR GAME BOARDS.
Claims use since Oct. 6, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 526,553. PINE TREE MILKING MACHINE CO., Chicago, Ill. Filed July 5, 1947.

The Cow's Adopted Child

Applicant claims ownership of registration No. 125,500.
FOR MILKING MACHINES AND PARTS THEREOF.
Claims use since Oct. 8, 1918.

Ser. No. 527,877. ROBERT H. CLARK, doing business as Robert H. Clark Company, Beverly Hills, Calif. Filed July 5, 1947.



FOR HAND MANIPULABLE CAN OPENERS.
Claims use since Dec. 7, 1946.

Ser. No. 530,511. INNIS, SPEIDEN & CO., New York and Niagara Falls, N. Y. Filed Aug. 5, 1947.

LARVAJECTOR

FOR PORTABLE HAND AND WHEEL MOUNTED POWER OPERATED MACHINES FOR SUB-SOIL FUMIGATION COMPRISING A HAND PLUNGER UNIT OR POWER OPERATED PUMP TO FEED FUMIGANT INTO THE GROUND AT A PRE-SET DEPTH.
Claims use since 1937.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 529,361. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill. Filed July 24, 1947.



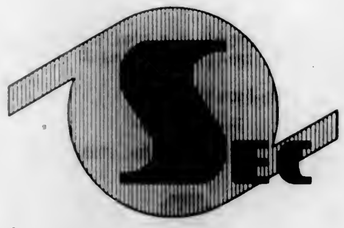
The drawing is lined for red and blue.
FOR PORTABLE LAUNDRY WRINGERS.
Claims use since 1939.

Ser. No. 529,364. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill. Filed July 24, 1947.

Little Magic

FOR PORTABLE LAUNDRY WRINGERS.
Claims use since 1939.

Ser. No. 538,466. STAR EQUIPMENT CORPORATION, Bloomfield, N. J. Filed Oct. 20, 1947.



The drawing is lined to indicate the color red.
FOR DRY-CLEANING MACHINES.
Claims use since September 1946.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 495,853. WOLLENSAK OPTICAL COMPANY, Rochester, N. Y. Filed July 30, 1947.

MICRONAR

FOR PHOTOGRAPHIC LENSES.
Claims use since Dec. 14, 1945.

Ser. No. 507,981. GISHOLT MACHINE COMPANY, Madison, Wis. Filed July 15, 1947.

GISHOLT

FOR MACHINES FOR LOCATING AND MEASURING UNBALANCE IN ROTATING PARTS AND BODIES AND FOR THE ADDITION OF WEIGHTS OR REMOVAL OF MATERIAL TO CORRECT THE DETERMINED UNBALANCE AND ELIMINATE VIBRATION.
Claims use since Jan. 1, 1899.

Ser. No. 507,982. GISHOLT MACHINE COMPANY, Madison, Wis. Filed July 15, 1947.



FOR MACHINES FOR LOCATING AND MEASURING UNBALANCE IN ROTATING PARTS AND BODIES, AND FOR THE ADDITION OF WEIGHTS OR REMOVAL OF MATERIAL TO CORRECT THE DETERMINED UNBALANCE AND ELIMINATE VIBRATION.
Claims use since November 1905.

Ser. No. 514,133. THE PENNZOIL COMPANY, Oil City, Pa. Filed July 28, 1947.

FOLLOMATIC

FOR ELECTRICALLY OPERATED TIME CONTROLLED FOLLOW-UP CARD HOLDING AND DESIGNATING MACHINES.
Claims use since Oct. 4, 1946.

Ser. No. 521,820. PERFECT CIRCLE CORPORATION, Hagerstown, Ind. Filed Sept. 24, 1947.

Plastigage

Applicant claims ownership of registrations Nos. 395,407 and 404,379.
FOR PLASTIC GAUGING MATERIAL IN THE FORM OF STICKS TO BE SQUEEZED BETWEEN A BEARING AND A SHAFT FOR USE IN DETERMINING THE CLEARANCE OF THE SAME BY MEASUREMENT ON A CALIBRATED SCALE.
Claims use since Mar. 6, 1947.

Ser. No. 529,696. THE RELIANCE GAUGE COLUMN COMPANY, Cleveland, Ohio. Filed July 26, 1947. Under section 2f of the act of 1946.

TILTVIEW

FOR LIQUID LEVEL GAUGES AND INDICATORS, PARTS AND FITTINGS THEREOF.
Claims use since June 7, 1929.

Ser. No. 541,785. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill. Filed July 31, 1947.

FEATURISTIC

Applicant claims ownership of registration No. 283,559.
FOR WEIGHING SCALES.
Claims use since Jan. 1, 1930.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 523,748. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed Apr. 1, 1948. Under section 2f of the act of 1946 as to "Bulova."

Bulova Bride

Applicant claims ownership of registrations Nos. 226,889, 365,926, 367,988, and 184,904.
FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since Apr. 2, 1947.

Ser. No. 523,749. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed Apr. 1, 1948. Under section 2f of the act of 1946 as to "Bulova."

Bulova Groom

Applicant claims ownership of registrations Nos. 226,889, 365,926, 367,988, and 184,904.
FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since Apr. 2, 1947.

Ser. No. 542,957. EMIL LEICHTER, New York, N. Y. Filed Dec. 2, 1947.

DELBANA

FOR WATCHES.
Claims use since Sept. 15, 1941.

Ser. No. 542,984. WARREN TRADING CORPORATION, New York, N. Y. Filed Dec. 2, 1947.

WARTRA

FOR WATCHES.
Claims use since July 15, 1947.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 518,464. KAUFMAN AND RUDERMAN CO., INC., New York, N. Y. Filed Aug. 12, 1947.

"WABBIT"

FOR ORNAMENTAL PINS AND BROOCHES.
Claims use since Feb. 21, 1947.

Ser. No. 541,715. STIX, BAER & FULLER COMPANY, St. Louis, Mo. Filed Nov. 19, 1947.

Empress of India

The word "India" is disclaimed apart from the mark.
FOR NECKLACES.
Claims use since June 1919.

Ser. No. 543,008. A. C. BECKEN CO., Chicago, Ill. Filed Sept. 6, 1947. Under section 2f of the act of 1946.

BECKEN

Applicant claims ownership of registrations Nos. 326,890 and 314,659.
FOR JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES)—NAMELY, FINGER RINGS, BRACELETS, AND PENDANTS.
Claims use since June 15, 1934.

Ser. No. 544,185. ONEIDA LTD., Oneida and Sherrill, N. Y. Filed Dec. 12, 1947.

PLANTATION

FOR SILVERPLATED FLAT AND HOLLOW TABLEWARE.
Claims use since Oct. 22, 1947.

Ser. No. 544,186. ONEIDA LTD., Oneida and Sherrill, N. Y. Filed Dec. 12, 1947.

SWEET BRIAR

FOR SILVERPLATED FLAT AND HOLLOW TABLEWARE.
Claims use since Oct. 30, 1947.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 540,703. PAXTROL MFG. CO., Detroit, Mich. Filed Nov. 10, 1947.

'T-ROL

FOR PAINT APPLICATOR OF THE ROLLER FOUNTAIN TYPE.
Claims use since May 27, 1947.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 528,246. WILLIAM MCKINLEY BAIRD, Chicago, Ill. Filed July 10, 1947. Under section 2f of the act of 1946.

BLASTFREEZE

Applicant claims ownership of registration No. 419,902.
FOR REFRIGERATED LOCKER UNITS.
Claims use since Dec. 12, 1936.

Ser. No. 530,764. RESEARCH PRODUCTS CORPORATION, Madison, Wis. Filed Aug. 7, 1947.

ALŪMALOY

FOR AIR FILTERS FOR USE WITH HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT AND WITH KITCHEN EXHAUST SYSTEMS.
Claims use since January 1947.

Ser. No. 532,960. RANNEY REFRIGERATOR COMPANY, Greenville, Mich. Filed Aug. 30, 1947.

MULTI-TEMP

FOR HOUSEHOLD ELECTRIC REFRIGERATORS.
Claims use since Aug. 1, 1947.

Ser. No. 545,200. VIKING REFRIGERATORS, INC., Kansas City, Mo. Filed Dec. 22, 1947. Under section 2f of the act of 1946.

CrispyCold

Applicant claims ownership of registration No. 400,989.
FOR REFRIGERATED DISPLAY CASES AND REFRIGERATORS FOR THE PRESERVATION OF FOODSTUFFS.
Claims use since Apr. 28, 1939.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 529,415. SOLOMON H. LEVICH, doing business as American Spring Cushion Manufacturing Company, Denver, Colo. Filed July 24, 1947.

LUXUREST

FOR MATTRESS INNER SPRING UNITS, BED SPRINGS, AND ROLLAWAY BEDS.
Claims use since Jan. 1, 1938.

Ser. No. 530,388. DIEBOLD, INCORPORATED, Canton, Ohio. Filed Aug. 4, 1947.

SAFE-T-STAK

Applicant claims ownership of registration No. 395,033.
FOR STORAGE FILES.
Claims use since October 1942.

Ser. No. 532,930. HARD MANUFACTURING COMPANY, Buffalo, N. Y. Filed Aug. 30, 1947. Under section 2f of the act of 1946.

Life Long

FOR FURNITURE, BEDS AND BEDDING—NAMELY, NURSES' BEDS, BED SPRINGS, BED SIDES, AND PARTS OF AND ACCESSORIES FOR BEDS, MATTRESSES, INNERSPRING MATTRESSES, PILLOWS, DRESSERS, CHIFFONIERS, BEDSIDE CABINETS, NIGHT STANDS, DESKS, VANITIES, PANEL SCREENS FOR USE IN SLEEPING ROOMS AND HOSPITALS, OVERBED TABLES, CHAIRS, CRIBS, BASSINETTES, AND CRIB AND BASSINETTE MATTRESSES.
Claims use since January 1913.

Ser. No. 536,945. MODERN VENETIAN BLINDS, INC., New York, N. Y. Filed Oct. 6, 1947.

SealtOp

FOR VENETIAN BLINDS.
Claims use since Sept. 18, 1947.

CLASS 33

GLASSWARE

Ser. No. 533,173. KERR GLASS MANUFACTURING CORPORATION, Sand Springs, Okla. Filed Sept. 3, 1947.

"Economy"

Applicant claims ownership of registration No. 282,676.
FOR GLASS JARS FOR USE IN PRESERVING FOODS.
Claims use since Oct. 20, 1903.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 537,532. WHEELING CORRUGATING COMPANY, Wheeling, W. Va. Filed Oct. 10, 1947.

BULL DOG

FOR STOVE PIPE.
Claims use since January 1914.

Ser. No. 541,463. ROSS-MEEHAN FOUNDRIES, Chattanooga, Tenn. Filed Nov. 17, 1947.

R

FOR STOVES.
Claims use since January 1900.

Ser. No. 541,694. NATIONAL ENGINEERING & EQUIPMENT COMPANY, Providence, R. I. Filed Nov. 19, 1947.

HEATRIEVER

FOR WASTE HEAT ECONOMIZERS FOR DOMESTIC HEATING PLANTS.
Claims use since July 15, 1947.

Ser. No. 541,897. WEIL-MCLAIN COMPANY, Chicago, Ill. Filed Nov. 20, 1947.

SNUG

FOR SPACE HEATING RADIATORS AND RADIANT ENERGY SPACE HEATERS OF THE FLUID CIRCULATING TYPE.
Claims use since Nov. 15, 1940.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 532,804. COLUMBIA RECORDS INC., Bridgeport, Conn. Filed Aug. 29, 1947.

TAILORED-TIP

The word "Tip" is disclaimed.
FOR PHONOGRAPH NEEDLES.
Claims use since Aug. 14, 1947.

Ser. No. 536,135. RAVEN RECORDING COMPANY, Philadelphia, Pa. Filed Sept. 29, 1947.

RAVEN

FOR MECHANICAL GROOVED RECORDS TO BE USED ON PHONOGRAPHS AND IN ELECTRICAL TRANSCRIPTION.
Claims use since Aug. 16, 1947.

Ser. No. 536,203. THE RUDOLPH WURLITZER COMPANY, Chicago, Ill. Filed Sept. 27, 1947. Under section 2f of the act of 1946.

WURLITZER

Applicant claims ownership of registrations Nos. 77,761, 214,557, and 219,563, etc.
FOR PIANOS, PIANO ACCORDIONS, AND ELECTRONIC ORGANS.
Claims use since Jan. 1, 1856.

Ser. No. 538,715. BRITISH MUSIC & TENNIS STRINGS LIMITED, London, England. Filed Oct. 23, 1947.

Cathedral

Applicant claims ownership of British registration No. 388,483, dated Feb. 19, 1919 (renewed).
FOR STRINGS FOR MUSICAL INSTRUMENTS.

Ser. No. 539,699. THE HIDERSINE COMPANY LIMITED, Shirley, Croydon, England. Filed Oct. 31, 1947.

HIDERSINE

Applicant claims ownership of British registration No. 556,016, dated Nov. 29, 1934.
FOR RESIN FOR USE IN CONNECTION WITH STRINGED MUSICAL INSTRUMENTS.

CLASS 37

PAPER AND STATIONERY

Ser. No. 491,663. MARCALUS MANUFACTURING CO., INC., East Paterson, N. J. Filed Sept. 10, 1947.

MARCAL

Applicant claims ownership of registrations Nos. 425,272 and 372,674.
FOR PAPER TISSUES IN ROLLS, STRIPS AND SHEETS, PAPER HANDKERCHIEFS, PAPER NAPKINS, AND WAXED PAPER.
Claims use since June 1932.

Ser. No. 511,916. WILSON MEMINDEX COMPANY, Rochester, N. Y. Filed Aug. 23, 1947.

Memindex

FOR LOOSE-LEAF DAILY MEMORANDUM CARD SYSTEM COMPRISING MEMORANDUM CARDS AND POCKET AND DESK CASES THEREFOR.
Claims use since Aug. 1, 1903.

Ser. No. 519,973. NATIONAL PAPER CORPORATION OF PENNSYLVANIA, Ransom, Pa., and New York, N. Y. Filed Dec. 26, 1947.

CENTAUR

FOR PAPER TOWELS, PAPER NAPKINS, TOILET TISSUE, AND FACIAL TISSUE.
Claims use since Jan. 2, 1942.

Ser. No. 528,900. WHITING PAPER COMPANY, Holyoke, Mass. Filed July 18, 1947.

TITLE LEDGER

No registration rights are claimed for the word "Ledger" apart from the mark. Applicant claims ownership of registration No. 19,681.
FOR PRINTING AND WRITING PAPERS.
Claims use since 1921.

Ser. No. 529,403. THE PLASTIC COATING CORPORATION, Holyoke, Mass. Filed July 24, 1947. Under section 2f of the act of 1946.

METALOID

FOR COATED COVER AND LABEL PAPERS.
Claims use since January 1933.

Ser. No. 530,259. SOUTHERN ADVANCE BAG & PAPER CO. INC., Bangor, Maine, and Boston, Mass. Filed Aug. 1, 1947.

ADVANCE KRAFT

Applicant makes no claim to the exclusive use of the word "Kraft" apart from the mark. Applicant claims ownership of registration No. 433,280.
FOR KRAFT WRAPPING PAPER.
Claims use since 1928.

Ser. No. 530,393. EVER READY CALENDAR MANUFACTURING COMPANY, Jersey City, N. J. Filed Aug. 4, 1947. Under section 2f of the act of 1946.

"Ever Ready"

Applicant claims ownership of registrations Nos. 241,423 and 241,429.
FOR CALENDAR AND DESK PADS.
Claims use since 1911.

Ser. No. 530,960. THE REYNOLDS MANUFACTURING COMPANY, Holyoke, Mass. Filed Aug. 9, 1947.

RENCOIL

Applicant claims ownership of registration No. 346,855.
FOR STENOGRAPHERS' BOOKS, NOTEBOOKS, COMPOSITION AND WRITING BOOKS.
Claims use since Nov. 1, 1936, as to the name "Rencoil"; and since 1937 as to mark as herein presented.

Ser. No. 532,510. THE H. E. SMITH COMPANY, Newark, N. J. Filed Aug. 26, 1947.

HESCO

Applicant claims ownership of registration No. 303,509.
FOR STENCILS FOR DUPLICATING MACHINES.
Claims use since March 1936; and since January 1914 on the mark "Hesco" alone.

Ser. No. 533,069. J. W. STEELE & CO., North Kansas City, Mo. Filed Sept. 2, 1947.

STEELELOX

Applicant claims ownership of registration No. 342,989.
FOR GARMENT HOLDING MEANS—NAMELY, BANDS FOR HOLDING GARMENTS IN A FOLDED STATE AND MADE OF PAPER MATERIAL OR THE LIKE FOR GARMENT MANUFACTURERS AND LAUNDRIES.
Claims use since Apr. 18, 1938.

Ser. No. 533,297. FULTON SPECIALTY CO., Elizabeth, N. J. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

FUL-KLEEN

FOR DATER STAMPS.
Claims use since September 1936.

Ser. No. 534,935. STRATFORD PEN CORPORATION, New York, N. Y. Filed Sept. 18, 1947. Under section 2f of the act of 1946.

Stratford

Applicant claims ownership of registration No. 274,211.
FOR FOUNTAIN PENS AND PENCILS.
Claims use since Apr. 21, 1922.

Ser. No. 535,181. EDITH M. RANKIN, Lexington, Ky. Filed Sept. 20, 1947.

"Senfrit"

FOR STATIONERY—NAMELY, ENVELOPES; CARDS; ORDER BLANKS; MEMORANDUM PADS; ORDER BOOKS WITH STUBS; AND A COMBINATION OF ORDER BOOKS WITH STUBS AND ENVELOPES.
Claims use since Feb. 14, 1947.

Ser. No. 542,228. THE GRAY ENVELOPE MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Aug. 16, 1947.

OLDTEX

Applicant claims ownership of registration No. 272,875.
FOR WRITING PAPER AND ENVELOPES.
Claims use since January 1923.

Ser. No. 542,736. S. D. WARREN COMPANY, Boston, Mass. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

THINWEAVE

Applicant claims ownership of registration No. 224,402.
FOR PRINTING PAPER.
Claims use since Mar. 20, 1925.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 506,313. GEORGE HANEBL, New York, N. Y. Filed Dec. 16, 1947.



Applicant disclaims the wording which appears on the mark, to-wit—word or parts of words "Mercial Art."
FOR DRAWINGS AND ADVERTISING MEDIA, SOLD AS SUCH.
Claims use since July 1940.

Ser. No. 517,056. BERTRAM J. GRIGSBY, Chicago, Ill. Filed Nov. 12, 1947.

THE SPOON RIVER JOURNAL

Applicant disclaims the word "Journal" except in the relation and association shown.
FOR PUBLICATION, ISSUED ABOUT TWO OR THREE TIMES PER MONTH.
Claims use since Mar. 12, 1946.

Ser. No. 521,926. RAND MCNALLY AND COMPANY, Chicago, Ill. Filed Oct. 7, 1947.



The representation of a book is disclaimed apart from the mark. The drawing is lined to indicate that the cap has spaced dark-colored bands.
FOR BOOKS, PARTICULARLY CHILDREN'S BOOKS.
Claims use since Mar. 28, 1947.

Ser. No. 534,725. AMERICAN CHEMICAL SOCIETY, Washington, D. C. Filed Sept. 17, 1947.



The lining on the drawing is for shading.
FOR BOOKS, PAMPHLETS, AND PERIODICALS.
Claims use since Jan. 10, 1923.

Ser. No. 535,598. THE PALM BROTHERS DECALCOMANIA COMPANY, Cincinnati, Ohio. Filed Sept. 24, 1947. Under section 2f of the act of 1946.

AD-HERE

FOR DECALCOMANIAS.
Claims use since May 1939.

CLASS 39

CLOTHING

Ser. No. 509,629. HARRY FREEDMAN, doing business as The Boston Top Lift Company, Boston, Mass. Filed Sept. 10, 1947.

KEYSTONE

PRIME

Applicant disclaims the right to the exclusive use of the word "Prime."
FOR MEN'S, WOMEN'S, AND CHILDREN'S LEATHER TOP LIFTS AND HEELS.
Claims use since July 14, 1943.

Ser. No. 513,187. GEORGE EARL MCKEWEN, doing business as Carner & McKewen, Baltimore, Md. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

Eat-Neat

FOR CHILDREN'S BIBS, APRONS, AND BIB-APRONS.
Claims use since March 1942.

Ser. No. 514,127. THE MOUNT AIRY KNITTING COMPANY, Mount Airy, N. C. Filed Aug. 25, 1947.

CROSS-X-KNIT

No exclusive claim is made to the word "Knit" apart from the mark as shown.
FOR INFANTS' AND CHILDREN'S CLOTHING—NAMELY, KNIT UNDERWEAR, UNDERPANTS, AND UNDERSHIRTS, AND ABDOMINAL BINDERS.
Claims use since Jan. 18, 1919.

Ser. No. 520,713. KROYWEN COATS INC., New York, N. Y. Filed Oct. 2, 1947.

Kroy-wen Gabardine

No claim is made to "Gabardine" except as shown. Applicant claims ownership of registration No. 396,682.
FOR WOMEN'S, MISSES', AND JUNIOR MISSES' COATS.
Claims use since December 1941.

Ser. No. 522,731. J. EDWARDS & CO., Philadelphia, Pa. Filed July 12, 1947.

BRUZERS

FOR LEATHER SHOES.
Claims use since May 8, 1947.

Ser. No. 523,948. DEBUTANTE SPORTSWEAR, INC., doing business as Debutante Sportswear, Chicago, Ill. Filed Nov. 14, 1947.

Skirlette

FOR WOMEN'S SPORT DRESSES.
Claims use since May 21, 1947.

Ser. No. 525,496. THE SALEM COMPANY INCORPORATED, Winston-Salem, N. C. Filed Sept. 16, 1947.

MAN O' MIGHT

FOR MEN'S, WOMEN'S, AND CHILDREN'S WORK CLOTHES—NAMELY, DUNGAREES, OVERALLS, COVERALLS.
Claims use since May 27, 1947.

Ser. No. 528,295. MANCHESTER HOSIERY MILLS, Manchester, N. H. Filed July 10, 1947.

"Spairpak"

FOR WOMEN'S HOSIERY.
Claims use since May 15, 1947.

Ser. No. 528,855. THE COWARD SHOE, INC., New York, N. Y. Filed July 18, 1947.

"Tuffalos"

FOR SHOES.
Claims use since 1940.

Ser. No. 530,101. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind. Filed July 31, 1947. Under section 2f of the act of 1946.

YUKON

FOR RUBBER AND LEATHER BOOTS.
Claims use since Mar. 1, 1916.

Ser. No. 531,269. WAYNE KNITTING MILLS, Fort Wayne, Ind. Filed Aug. 13, 1947.

MODITE

Applicant claims ownership of registration No. 371,989.
FOR STOCKINGS.
Claims use since August 1932.

Ser. No. 531,295. BOONTON FULL FASHION HOSIERY MILLS, Boonton, N. J. Filed Aug. 14, 1947.

DISPLAYE

FOR HOSIERY.
Claims use since June 18, 1947.

Ser. No. 531,992. BETTY FASHIONS, INC., New York, N. Y. Filed Aug. 21, 1947.

TWIN BILL

The word "Twin" is disclaimed apart from the mark as shown.
FOR LADIES' COATS AND SUITS.
Claims use since June 1, 1946.

Ser. No. 533,273. COOPER, WELLS & Co., St. Joseph, Mich. Filed Sept. 4, 1947.

SONORA

Applicant claims ownership of registration No. 376,560.
FOR HOSIERY.
Claims use since Feb. 5, 1939.

Ser. No. 533,647. UNITED HOSIERY MILLS CORPORATION, Chattanooga, Tenn. Filed Sept. 5, 1947.

Buster Brown

"Buster Brown" is the name of a fictional juvenile character. Applicant claims ownership of registrations Nos. 51,981, 129,233, 177,563, 221,202, 409,020, and 413,132.
FOR MEN'S, WOMEN'S, CHILDREN'S, AND INFANTS' HOSIERY, BLOUSES, SUNSUITS, OVERALLS, CREEPERS, UTILITY OUTERWEAR SHIRTS MADE OF KNITTED FABRIC WITH A ROUND OR CREW NECK HAVING NO OPENING UP THE FRONT OR BACK, CARDIGANS, UNDERSHIRTS AND UNDERPANTS, UNDERWEAR, NIGHTGOWNS, SHIRTS AND TRAINING PANTS, AND BERETS.
Claims use by applicant's predecessor in title on hosiery since Apr. 1, 1904; and first used by applicant on blouses, sunsuits, overalls, creepers, utility outerwear shirts made of knitted fabric with a round or crew neck having no opening up the front or back, and cardigans since Sept. 21, 1943, and on undershirts and underpants, underwear, nightgowns, shirts and training pants, and berets since July 27, 1944.

Ser. No. 533,648. UNITED HOSIERY MILLS CORPORATION, Chattanooga, Tenn. Filed Sept. 5, 1947.



"Buster Brown" is the name of a fictional juvenile character. No claim is made to the exclusive right of the representation of the stocking apart from the mark. Applicant claims ownership of registrations Nos. 51,981 (twice renewed), 129,233 (renewed), 177,563 (renewed), 221,202 (renewed), 409,020, and 413,132.
FOR HOSIERY FOR MEN, WOMEN, AND CHILDREN.
Claims use since Apr. 1, 1904.

Ser. No. 533,686. SAFIR PLAN, INC., New York, N. Y. Filed Sept. 6, 1947.



FOR MEN'S AND WOMEN'S LOUNGING ROBES.
Claims use since July 21, 1947.

Ser. No. 533,840. BONE DAY SHOE MFG. CO., Tacoma, Wash. Filed Sept. 9, 1947.



"Paul Bunyan" is a legendary character in the logging industry. Applicant claims ownership of registration No. 279,562.
FOR LEATHER LOGGER SHOES.
Claims use since Mar. 1, 1930.

Ser. No. 534,377. SELECT SPORTSWEAR, INC., New York, N. Y. Filed Sept. 11, 1947.

Casha-knit

No claim is made to the word "Knit" apart from the mark.
FOR KNITTED SPORTSWEAR—NAMELY, SWEATERS.
Claims use since Aug. 25, 1947.

Ser. No. 534,378. SELECT SPORTSWEAR, INC., New York, N. Y. Filed Sept. 11, 1947.

Honeylam

FOR KNITTED SPORTSWEAR—NAMELY, SWEATERS.
Claims use since Feb. 3, 1943.

Ser. No. 534,974. ARISTOCRAT LEATHER PRODUCTS, INC., New York, N. Y. Filed Sept. 19, 1947.

INNER SANCTUM

Applicant claims ownership of registrations Nos. 415,219, 421,202, and 427,716.
FOR APPAREL BELTS, SUSPENDERS, GARTERS, AND HOSE SUPPORTERS.
Claims use since Nov. 15, 1944.

Ser. No. 534,984. BILTWELL COMPANY, INC., St. Louis, Mo. Filed Sept. 19, 1947.

Coolshire

FOR MEN'S TROUSERS.
Claims use since Aug. 15, 1945.

Ser. No. 536,532. KAYLON INCORPORATED, New York, N. Y. Filed Oct. 2, 1947.

Buddies

Applicant claims ownership of registration No. 354,438.
FOR WOMEN'S AND CHILDREN'S PAJAMAS, PAJAMA COATS, BEACH COATS, SMOCK COATS, UTILITY COATS IN THE NATURE OF LOUNGING COATS.
Claims use since August 1935.

Ser. No. 537,141. BURGIO BROS., INC., New York, N. Y. Filed Oct. 8, 1947. Under section 2f of the act of 1946. Applicant claims ownership of registration No. 398,346.

GRIP-FAST

FOR HOSIERY.
Claims use since October 1940.

Ser. No. 537,298. FRANK J. DOHERTY, doing business as Doherty Hosiery Co., New York, N. Y. Filed Oct. 9, 1947.

Celtic Maid

Applicant claims ownership of registration No. 344,744.
FOR HOSIERY.
Claims use since Nov. 15, 1935.

Ser. No. 537,365. SCHARF BRENNER MANUFACTURING COMPANY, Philadelphia, Pa. Filed Oct. 9, 1947. Under section 2f of the act of 1946.

Jane Rawley

The name "Jane Rawley" is fanciful. Applicant claims ownership of registration No. 379,052.
FOR JUNIOR MISSES' DRESSES.
Claims use since Apr. 19, 1939.

Ser. No. 537,504. W. RAVEN & CO. LIMITED, Leicester, England. Filed Oct. 10, 1947.

CRAFTANA

FOR MEN'S HALF-HOSE.
Claims use since Mar. 16, 1904.

Ser. No. 538,822. FINLAY STRAUS, INC., New York, N. Y. Filed Oct. 23, 1947.

GUILD TOWN

FOR MEN'S SUITS, TOPCOATS, OVERCOATS, AND SPORT COATS.
Claims use since July 1944.

Ser. No. 543,922. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Dec. 10, 1947. Under section 2f of the act of 1946.

Byron

Applicant claims ownership of registrations Nos. 270,065, 293,115, and 299,549.
FOR MEN'S HATS AND CAPS AND HATS FOR WOMEN.
Claims use since Oct. 29, 1929.

Ser. No. 544,535. BRIZEL LEATHER CORPORATION, New York, N. Y. Filed Dec. 17, 1947.

BRI-LEA

FOR LEATHER BANDS FOR CAPS AND HATS.
Claims use since June 1, 1938.

Ser. No. 544,716. FAMOUS LADY, Woodbine, N. J. Filed Dec. 18, 1947.

FAMOUS LADY

FOR WOMEN'S SUITS AND COATS.
Claims use since Mar. 15, 1947.

Ser. No. 544,733. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Dec. 18, 1947. Under section 2f of the act of 1946.

Cavanagh

Applicant claims ownership of registrations Nos. 267,193 and 270,725.
FOR MEN'S HATS AND CAPS AND HATS FOR WOMEN.
Claims use since February 1913.

Ser. No. 544,971. H. BOMZE & BRO., INC., Philadelphia, Pa. Filed Dec. 20, 1947. Under section 2f of the act of 1946.

June Arden

Applicant claims ownership of registration No. 347,428.
FOR LADIES' AND MISSES' COATS, SUITS, AND DRESSES.
Claims use since May 1, 1936.

Ser. No. 544,987. ELLEN BRA CORP., New York, N. Y. Filed Dec. 20, 1947.

Forever Yours

FOR BRASSIÈRES.
Claims use since Aug. 6, 1947.

Ser. No. 545,223. BLUMENSTEIN, ROSS & LENTZ, New York, N. Y. Filed Dec. 23, 1947.



FOR LADIES' SUITS, DRESSES, AND BLOUSES.
Claims use since Oct. 17, 1947.

Ser. No. 545,379. I. MARKS & SON, INC., New York, N. Y. Filed Dec. 24, 1947.

COATMASTER

FOR LADIES' AND MISSES' COATS AND JACKETS.
Claims use since Mar. 4, 1946.

Ser. No. 545,405. STYLEPARK HATS, INC., Philadelphia, Pa. Filed Dec. 24, 1947.

FORIN-TEX

FOR MEN'S AND WOMEN'S HATS.
Claims use since 1935.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 549,497. BIAGIO TUCCIARONE & CO., INC., New York, N. Y. Filed Feb. 12, 1948.

Theresa Brand

No claim is made to the word "Brand" apart from the mark.
FOR HAIR WIGS, TOUPÉS, AND HUMAN HAIR BRAIDS AND CURLS.
Claims use since July 16, 1947.

Ser. No. 549,813. WALTER A. LOGAN, doing business as Truecraft Mfg. Co., Pasadena, Calif. Filed Feb. 16, 1948.

True Value

FOR BUTTONS.
Claims use since Jan. 1, 1945.

Ser. No. 549,814. WALTER A. LOGAN, doing business as Truecraft Mfg. Co., Pasadena, Calif. Filed Feb. 16, 1948.

True Craft

FOR BUTTONS.
Claims use since May 26, 1944.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 494,453. S. J. LISKO, doing business as Club Plan Sales Co., Youngstown, Ohio. Filed Sept. 16, 1947.



The representation shown on the drawing is fanciful.
FOR WOOL BLANKETS AND COTTON RUGS.
Claims use since June 15, 1936.

Ser. No. 517,538. JULIUS N. WERK FABRICS, INC., New York, N. Y. Filed Dec. 2, 1947.

SAHIB

FOR PIECE GOODS—NAMELY, SILK SHANTUNG AND SILK AND ACETATE SHANTUNG.
Claims use since January 1945.

Ser. No. 525,801. DUMARI TEXTILE CO., INC., New York, N. Y. Filed Oct. 25, 1947.

FASHION GIRL

Applicant disclaims the word "Fashion" appearing on the drawing.
FOR MUSLIN IN THE PIECE.
Claims use since June 1935.

Ser. No. 527,901. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746, 250,113, 270,090, 270,773, 271,179, 271,679, 273,995, 319,009, and 415,418.
FOR PILLOW AND MATTRESS COVERS.
Claims use since June 17, 1947.

Ser. No. 530,282. SIDNEY BLUMENTHAL & CO., INC., New York, N. Y. Filed Aug. 2, 1947.

SHELTUFT

Applicant claims ownership of registration No. 405,874.
FOR PILE FABRICS IN THE PIECE COMPOSED OF ALPACA AND COTTON.
Claims use since Sept. 4, 1942.

Ser. No. 530,288. SIDNEY BLUMENTHAL & CO., INC., New York, N. Y. Filed Aug. 2, 1947. Under section 2f of the act of 1946.

KINKIGLO

Applicant claims ownership of registrations Nos. 284,891 and 350,334.
FOR PILE FABRICS IN THE PIECE COMPOSED OF MOHAIR AND COTTON.
Claims use since Oct. 8, 1937.

Ser. No. 530,293. SIDNEY BLUMENTHAL & CO., INC., New York, N. Y. Filed Aug. 2, 1947.

SHELL MOHR

Applicant claims ownership of registration No. 207,887.
FOR PILE FABRICS IN THE PIECE COMPOSED OF MOHAIR AND COTTON.
Claims use since July 18, 1920.

Ser. No. 534,801. HUGH NELSON-COLUMBIA CARPET MILLS, INC., Philadelphia, Pa. Filed Sept. 17, 1947. Under section 2f of the act of 1946.



Applicant claims ownership of registrations Nos. 231,804 and 377,785.
FOR TEXTILE RUGS AND CARPETS.
Claims use since August 1926.

Ser. No. 535,457. BARBET MILLS, INCORPORATED, Gastonia, N. C. Filed Sept. 24, 1947.

BARBET

FOR KNITTED FABRICS MADE OF COTTON, RAYON, NYLON, WOOL, AND COMBINATIONS THEREOF.
Claims use since Jan. 15, 1946.

Ser. No. 536,108. LOUISVILLE TEXTILES, INCORPORATED, Louisville, Ky. Filed Sept. 29, 1947. Under section 2f of the act of 1946.



Applicant claims ownership of registration No. 364,731.
FOR UPHOLSTERY, DRAPERY, AND DECORATIVE FABRICS, IN THE PIECE, OF COTTON, LINEN, JUTE, WOOL, MOHAIR, AND SYNTHETIC FIBERS, AND COMBINATIONS THEREOF.
Claims use since September 1922.

Ser. No. 536,484. BENROSE FABRICS CORPORATION, New York, N. Y. Filed Oct. 2, 1947.

Morning Glory

Applicant claims ownership of registration No. 297,417.
FOR TEXTILE FABRICS IN THE PIECE OF SILK AND SYNTHETIC FIBERS.
Claims use since February 1930.

Ser. No. 536,487. BENROSE FABRICS CORPORATION, New York, N. Y. Filed Oct. 2, 1947.

BENROSE

Applicant claims ownership of registrations Nos. 422,622 and 418,949.
FOR TEXTILE FABRICS IN THE PIECE OF SILK AND SYNTHETIC FIBERS.
Claims use since Mar. 4, 1924.

Ser. No. 537,906. JOSEPH BERLINGER CO., New York, N. Y. Filed Oct. 16, 1947.

CHURCHILL DOWNS

FOR PIECE GOODS OF RAYON.
Claims use since January 1937.

Ser. No. 538,517. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Oct. 21, 1947.

KASHMIRVEL

Applicant claims ownership of registration No. 257,441.
FOR WOOLEN PIECE GOODS.
Claims use since Oct. 8, 1947.

Ser. No. 538,520. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Oct. 21, 1947.

ORIETTA

Applicant claims ownership of registration No. 183,090.
FOR WOOLEN PIECE GOODS.
Claims use since Oct. 8, 1947.

Ser. No. 538,522. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Oct. 21, 1947.

SANJHARA

Applicant claims ownership of registrations Nos. 282,622 and 342,016.
FOR WOOLEN PIECE GOODS.
Claims use since Oct. 8, 1947.

Ser. No. 538,663. SAYLES FINISHING PLANTS, INC., Saylesville, R. I. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

REGISTERED
FINISHED BY
WF&FC.SAYLES
PAWTUCKET RI
SAYLES BLEACHERIES

No claim is made to the exclusive use of the words "Registered," "Finished by," "Pawtucket, R. I.," and "Bleacheries" apart from the mark as shown. Applicant claims ownership of registrations Nos. 29,815, 189,801, and 427,466.
FOR COTTON PIECE GOODS.
Claims use since December 1918.

Ser. No. 538,716. BROOKFIELD MILLS, INC., East Brookfield, Mass. Filed Oct. 23, 1947.

LASHOTEX

FOR COATED COTTON PIECE GOODS.
Claims use since Sept. 30, 1947.

Ser. No. 539,202. WM. O'HANLON & CO. LIMITED, Manchester, England. Filed Oct. 27, 1947.

SUNLOVER

The trade-mark consists merely of the word "Sunlover." Applicant claims ownership of British registration No. 605,695, dated Mar. 29, 1939.
FOR PIECE GOODS COMPOSED OF COTTON, RAYON, SILK, WOOL, AND MIXTURES OF THESE FIBRES; COMFORTS, BEDSPREADS, COUNTERPANES, WINDOW CURTAINS, QUILTS, TABLE CLOTHS, AND TABLE RUNNERS.

Ser. No. 539,461. MARTIN WEINER, doing business as Martin Weiner Co., New York, N. Y. Filed Oct. 29, 1947.

Ting-Ling

FOR RAYON PIECE GOODS.
Claims use since March 1939.

Ser. No. 539,947. ELM COATED FABRICS CO., New York, N. Y. Filed Nov. 3, 1947.

MULTI-PRUF

Applicant claims ownership of registration No. 404,036.
FOR PLASTIC FILM, IN THE PIECE, FOR MAKING INTO CURTAINS, APRONS, LAMPSHADE COVERS, BABY PANTS, AND THE LIKE.
Claims use since Oct. 23, 1947.

Ser. No. 540,464. M. SIGEL & SONS, Boston, Mass. Filed Nov. 7, 1947.

Emessons Fabrics

No claim is made to the word "Fabrics" apart from the mark.
FOR WOOLEN AND WORSTED APPAREL FABRICS.
Claims use since 1925.

Ser. No. 540,742. WAMSUTTA MILLS, New Bedford, Mass. Filed Nov. 10, 1947.

WAMSUTTA Lustercale

Applicant claims ownership of registrations Nos. 51,002, 164,852, 302,595, 324,825, and 345,825.
FOR COTTON PIECE GOODS, SHEETS, AND PILLOW CASES.
Claims use since July 3, 1934.

Ser. No. 540,743. WAMSUTTA MILLS, New Bedford, Mass. Filed Nov. 10, 1947.

WAMSUTTA

Applicant claims ownership of registrations Nos. 51,002, 164,852, 302,595, and 324,825.
FOR COTTON PIECE GOODS, SHEETS, AND PILLOW CASES.
Claims use since Dec. 1, 1872.

Ser. No. 540,744. WAMSUTTA MILLS, New Bedford, Mass. Filed Nov. 10, 1947. Under section 2f of the act of 1946.

PENOBSCOT

Applicant claims ownership of registrations Nos. 236,324 and 383,094.
FOR SHEETS AND PILLOW CASES.
Claims use since 1917.

Ser. No. 541,825. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Nov. 20, 1947.

FIELDBILT

FOR WOOLEN BLANKETS; WINDOW CURTAINS AND DRAPES OF COTTON AND/OR RAYON AND COTTON AND/OR RAYON DRAPERY FABRICS IN THE PIECE.
Claims use since Sept. 15, 1947.

Ser. No. 546,206. EVERFAST FABRICS, INC., New York, N. Y. Filed Jan. 5, 1948. Under section 2f of the act of 1946.

Everfast

Applicant claims ownership of registration No. 152,583.
FOR LINEN, COTTON, SILK, RAYON, AND MIXED PIECE GOODS.
Claims use since Jan. 3, 1921.

Ser. No. 546,338. ALEXANDER WOOLEN CO., Chicago, Ill. Filed Jan. 7, 1948.



FOR WOOLEN PIECE GOODS.
Claims use since Mar. 10, 1935.

Ser. No. 546,604. PONDEL FABRICS, INC., Pawtucket, R. I., assignor to Charles W. Carvin Co., Inc., New York, N. Y., a corporation of New York. Filed Jan. 9, 1948.

PON-O-DEE

Applicant claims ownership of registration No. 426,396.
FOR FABRICS IN THE PIECE MADE OF RAYON.
Claims use since Nov. 14, 1945.

Ser. No. 546,649. CONE EXPORT AND COMMISSION CO., INC., New York, N. Y. Filed Jan. 10, 1948.

SLUMBER

FOR COTTON PIECE GOODS.
Claims use since Nov. 14, 1947.

Ser. No. 546,733. STOFFEL & CO., INC., New York, N. Y. Filed Jan. 10, 1948.

Frostint

FOR FABRICS IN THE PIECE, MADE OF COTTON.
Claims use since Sept. 24, 1947.

Ser. No. 546,734. STOFFEL & CO., INC., New York, N. Y. Filed Jan. 10, 1948.

Summer Dream

FOR FABRICS IN THE PIECE, MADE OF COTTON.
Claims use since Sept. 24, 1947.

Ser. No. 547,670. SHIRLEY FABRICS CORP., New York, N. Y. Filed Jan. 21, 1948.

SUNTOUCH

FOR TEXTILE FABRICS IN THE PIECE OF COTTON, RAYON, WOOL, WORSTED, AND COMBINATIONS THEREOF.
Claims use since Jan. 6, 1947.

Ser. No. 547,871. PACIFIC MILLS, New York, N. Y., and Boston, Mass. Filed Jan. 23, 1948.

MIDWOOD

FOR SHEETS AND PILLOW CASES.
Claims use since 1925.

Ser. No. 547,887. ATLANTIC MERCANTILE COMPANY, New York, N. Y. Filed Jan. 24, 1948.

Stormolite

FOR WATERPROOF MATERIAL USED FOR CONVERTIBLE AUTOMOBILE TOPS MADE OF LAYERS OF RUBBER AND LINING CLOTH MATERIAL.
Claims use since Nov. 25, 1947.

Ser. No. 548,809. DENISON MATTRESS FACTORY, Denison, Tex. Filed Feb. 5, 1948.

DEN-MAT

FOR MATTRESS COVERS, WINDOW CURTAINS, DRAPERIES, AND BED SPREADS.
Claims use since July 1, 1939.

Ser. No. 549,507. THE CALICO PRINTERS' ASSOCIATION LIMITED, Manchester, England. Filed Feb. 12, 1948.

RYJACK

FOR PIECE GOODS OF COTTON, SILK, RAYON, NYLON, LINEN, HEMP, WOOL, WORSTED, OR HAIR, OR MIXTURES OF THESE MATERIALS.
Claims use since Feb. 18, 1944.

CLASS 43

THREAD AND YARN

Ser. No. 546,357. BURLINGTON MILLS CORPORATION, Greensboro, N. C. Filed Jan. 7, 1948.



FOR COTTON YARNS.
Claims use since Aug. 20, 1947.

Ser. No. 548,649. FLEISHER YARNS, INC., Long Island City, N. Y. Filed Feb. 3, 1948.

FUTURA

FOR ART NEEDLEWORK YARNS.
Claims use since Dec. 31, 1947.

Ser. No. 548,941. DORGIN TEXTILE CORPORATION, New York, N. Y. Filed Feb. 6, 1948.

Rekoylon

FOR YARN.
Claims use since Dec. 15, 1947.

Ser. No. 549,761. SPINNERIN YARN CO., INC., South Hackensack, N. J., and New York, N. Y. Filed Feb. 14, 1948.

SPINGAY

Applicant claims ownership of registrations Nos. 404,130 and 407,338.
FOR YARN.
Claims use since Nov. 25, 1947.

Ser. No. 549,762. SPINNERIN YARN CO., INC., South Hackensack, N. J. Filed Feb. 14, 1948.

TOUCHDOWN

FOR YARN.
Claims use since Feb. 5, 1948.

Ser. No. 550,316. DURENE ASSOCIATION OF AMERICA, New York, N. Y. Filed Feb. 21, 1948.

Durene

Applicant claims ownership of registration No. 402,710.
FOR YARNS.
Claims use since June 1, 1929.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 545,040. R. P. SCHERER CORPORATION, Detroit, Mich. Filed Dec. 20, 1947.

hypospray

FOR HYPODERMIC INJECTION DEVICES.
Claims use since May 1942.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 531,516. POLA-RONA CO., Dorchester and Boston, Mass. Filed Aug. 15, 1947.

Pola-Rona

FOR FRESH FRUIT BEVERAGES SOLD AS MALTLESS SOFT DRINKS AND SYRUPS FOR MAKING THE SAME.
Claims use since Aug. 7, 1947.

Ser. No. 533,529. H. BARON & CO. INC., Linden, N. J. Filed Sept. 5, 1947.

New Amsterdam

Applicant claims ownership of registration No. 270,890.
FOR FLAVORING EXTRACTS AND SYRUPS FOR FLAVORING SOFT DRINKS.
Claims use since Sept. 25, 1928.

Ser. No. 534,498. H. R. NICHOLSON COMPANY, Baltimore, Md. Filed Sept. 8, 1947.



FOR NONALCOHOLIC, MALTLESS BEVERAGE—NAMELY, A COLA DRINK.
Claims use since 1936.

Ser. No. 535,811. CHIPPEWA SPRINGS CORPORATION, Minneapolis, Minn. Filed Sept. 26, 1947.

CHIPPE-COLA

The word "Cola" is disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 119,429 and 130,164.
FOR MALTLESS SOFT DRINK BEVERAGE PREPARED OR COMPOUNDED FROM NATURAL SPRING-WATER AND COLA.
Claims use since September 1938.

Ser. No. 535,812. CHIPPEWA SPRINGS CORPORATION, Minneapolis, Minn. Filed Sept. 26, 1947.



Applicant claims ownership of registrations Nos. 119,428 and 130,164.
FOR NATURAL SPRING-WATER AND FOR OTHER OF ITS PRODUCTS PREPARED FROM SAID SPRING-

WATER, KNOWN AS ORANGEADE, SPARKLING WATER, GINGERALE, WHITE SODA, LIME RICKEY, ROOT BEER, LEMON SOUR, AND A MALTLESS SOFT DRINK BEVERAGE CONTAINING COLA.
Claims use since September 1938.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 505,094. HAROLD W. BANGERT, doing business as Pantato Company, Fargo, N. Dak. Filed July 29, 1947.

PANTATOES

FOR WASHED AND GRADED POTATOES.
Claims use since June 21, 1946.

Ser. No. 516,847. THE J. B. INDERRIEDEN CO., Chicago, Ill. Filed Oct. 3, 1947.

Peter-Pan



Applicant claims ownership of registrations Nos. 168,104 and 221,321.
FOR CANNED VEGETABLES.
Claims use since Aug. 23, 1946.

Ser. No. 530,457. MAURICE BERTAUCHE, San Anselmo, Calif. Filed Aug. 5, 1947.

La Ville

FOR HOLLANDAISE SAUCE, BEARNAISE SAUCE, AND CANNED BABAS IN RUM (FRENCH RUM CAKES).
Claims use since June 20, 1947.

Ser. No. 530,515. JOHNSON BISCUIT COMPANY, Sioux City, Iowa. Filed Aug. 5, 1947.

Nancy Ann

FOR BREAD (WHITE, RYE, POTATO, RAISIN CINNAMON, CRACKED WHEAT, WHEAT).
Claims use since Mar. 1, 1940.

Ser. No. 531,067. WALGREEN CO., Chicago, Ill. Filed Aug. 11, 1947. Under section 2f of the act of 1946.

Walgreen

FOR MALTED MILK AND ICE CREAM.
Claims use since Sept. 19, 1909, on ice cream; and since Nov. 22, 1932, on malted milk.

Ser. No. 532,220. C. M. GIFFORD & SONS, San Diego, Calif. Filed Aug. 23, 1947. Under section 2f of the act of 1946.

Gifford's

Applicant claims ownership of registration No. 197,100 (expired).
FOR CANNED OLIVES.
Claims use since 1902.

Ser. No. 533,086. VALLEY PACKING COMPANY, Salem, Oreg. Filed Sept. 2, 1947.

Valpak

FOR SMOKED BACON, SMOKED PORK SHOULDERS AND SMOKED HAMS.
Claims use since Mar. 29, 1926.

Ser. No. 534,534. INTERNATIONAL COMMERCIAL CO., INC., Chicago, Ill., now by change of name International Packers Commercial Co., Inc., a corporation of Delaware. Filed Sept. 15, 1947.

INTERCO

FOR BEEF AND SHEEP CASINGS USED FOR SAUSAGE CONTAINERS.
Claims use since Aug. 19, 1946.

Ser. No. 535,331. JOE LOWE CORPORATION, New York, N. Y. Filed Sept. 23, 1947.

COCOASICLE

Applicant claims ownership of registrations Nos. 219,744, 288,393, 288,507, 301,067, 301,334, 301,335, 303,400, 303,401, 304,006, 304,316, 312,475, 341,719, 342,262, 347,885, 347,963, 348,492, 354,357, 354,358, 354,936, 354,937, 360,365, 360,862, 362,419, 362,994, 363,907, 367,865, 367,866, 368,870, 368,871, 373,829, 374,209, 379,152, 430,813, and 431,445.
FOR FROZEN CONFECTIONS AND LIQUID SYRUPS OR CONCENTRATES FOR MAKING THE SAME.
Claims use since July 7, 1947.

Ser. No. 535,750. CRISTINA SACHNENKO, New York, N. Y. Filed Sept. 25, 1947.

BYKAL

FOR MUSTARD.
Claims use since Sept. 10, 1947.

Ser. No. 539,367. TEXAS GULFSTREAM INDUSTRIES, INC., Aransas Pass, Tex. Filed Oct. 28, 1947.



FOR FROZEN FRESH SHRIMP.
Claims use since Oct. 1, 1947.

Ser. No. 539,593. THE JERSEE COMPANY, Minneapolis, Minn. Filed July 5, 1947. Under section 2f of the act of 1946.

JERSEE

Applicant claims ownership of registration No. 165,919.
FOR CONCENTRATED FOOD PRODUCT, CONSISTING OF A MIXTURE OF VITAMINS, MILK AND MINERALS IN THE FORM OF A DRY PREMIX TO BE ADDED TO THE FEED OF MILK OR MEAT PRODUCING ANIMALS AND POULTRY.
Claims use since Aug. 18, 1920.

Ser. No. 541,757. MEAD JOHNSON & COMPANY, Evansville, Ind. Filed July 22, 1947. Under section 2f of the act of 1946.

MEAD'S

Applicant claims ownership of registrations Nos. 173,340, 178,378, 184,697, 295,757, and 374,318.
FOR SPECIALLY PREPARED CEREAL FOODS, PRECOOKED AND UNCOOKED, CONSISTING OF A MIXTURE OF WHEAT MEAL, OATMEAL AND YELLOW CORN MEAL ENRICHED WITH MINERAL AND VITAMIN CONTAINING FOODS, PRECOOKED OATMEAL ENRICHED WITH MINERAL AND VITAMIN SUPPLEMENTS; SPECIAL DIET MATERIALS FOR INFANTS HYPER-SENSITIVE TO MILK PROTEIN—NAMELY, A FOOD IN POWDER FORM CONSISTING OF SOY BEAN FLOUR AND ADDED INGREDIENTS, AND A POWDERED COMPOUND CONSISTING OF A PANCREATIC HYDROLYSATE OF CASEIN, WITH DEXTRINS, MALTOSE, MILK FAT AND OTHER INGREDIENTS; EDIBLE ENZYMIC HYDROLYSATES OF CASEIN, POWDERED AND IN SOLUTION, WITH AND WITHOUT DEXTROSE OR OTHER CARBOHYDRATE; ENZYMIC DIGEST OF PROTEIN USEFUL IN PREPARING SPECIAL DIETS; INFANTS' DIET MATERIALS COMPRISING DEXTRINS AND MALTOSE, WITH AND WITHOUT ADDED MINERALS AND VITAMINS; MILK MODIFIERS CONSISTING OF DEXTRINS, MALTOSE, PECTIN AND AGAR; POWDERED MILK PRODUCTS INCLUDING A SPRAY DRIED FOOD MIXTURE COMPRISING SKIM MILK AND OLIVE OR CORN OIL, A POWDERED CALCIUM CASEINATE PREPARATION, POWDERED PROTEIN MILK, POWDERED LACTIC ACID MILK, AND A POWDERED LOW FAT CONTENT MILK; BREWER'S YEAST IN POWDER AND TABLET FORM; AND POWDERED ANIMAL BONES FOR HUMAN USE.
Claims use since Aug. 1, 1911.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 528,746. C. SCHMIDT AND SONS, INCORPORATED, Philadelphia, Pa. Filed July 16, 1947.



Applicant claims ownership of registration No. 376,519.
FOR BEER, ALE, BOCK BEER, AND PORTER.
Claims use since June 1, 1892.

Ser. No. 529,268. FRANK JONES BREWING COMPANY, INC., Kittery, Maine, and Portsmouth, N. H. Filed July 23, 1947. Under section 2f of the act of 1946.



The trade-mark is fanciful and does not identify a particular living individual. Applicant claims ownership of registration No. 308,116.
FOR ALE.
Claims use since March 1937.

Ser. No. 531,489. G. KRUEGER BREWING COMPANY, Newark, N. J. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

Old Surrey

The lining on the drawing represents the color red. Applicant claims ownership of registrations Nos. 306,129 and 322,265.
FOR PORTER.
Claims use since 1930.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 526,594. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed July 5, 1947.

OLD HICKORY

The word "Old" is disclaimed apart from the mark. Applicant claims ownership of registrations No. 317,638 and 322,072.
FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY.
Claims use since Oct. 11, 1933.

Ser. No. 528,791. W. A. HALLER CORPORATION, Philadelphia, Pa. Filed July 17, 1947. Under section 2f of the act of 1946.

Haller's Eighty Nine 89

FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY.
Claims use since June 1937.

Ser. No. 533,027. J. & J. DISTRIBUTING COMPANY, Newark, N. J. Filed Sept. 2, 1947. Under section 2f of the act of 1946.

Dobbs

Applicant claims ownership of registration No. 322,272.
FOR BRANDY, WHISKEY, AND RUM.
Claims use since Jan. 3, 1934.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 532,784. WEBER COSTELLO CO., Chicago Heights, Ill. Filed Aug. 28, 1947.

SIERRA GREEN

The word "Green" is disclaimed apart from the mark.
FOR WRITING BOARDS IN THE FORM OF CHALKBOARDS.
Claims use since Jan. 24, 1941.

Ser. No. 543,424. ELLANAM ADJUSTABLE DRESS FORM CO., INC., Brooklyn, N. Y. Filed Dec. 5, 1947.

Acme

FOR DRESS FORMS.
Claims use since Feb. 27, 1935.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

440,437. CALCULATING DEVICES—NAMELY, SLIDE RULES. EUGENE DIETZGEN CO., Chicago, Ill.
Filed May 26, 1945. Serial No. 483,809. PUBLISHED MAY 18, 1948. Class 26.

440,438. PHONOGRAPH NEEDLES. ADMIRAL CORPORATION, Chicago, Ill.
Filed June 2, 1945. Serial No. 484,071. PUBLISHED JUNE 1, 1948. Class 36.

440,439. ELECTRONIC INSPECTION MACHINE IN WHICH VARIATIONS IN THE SIZE OR SHAPE OF OBJECTS ARE DETECTED AND CHECKED BY SUCCESSIVELY POSITIONING THE OBJECTS IN AN OPTICAL SYSTEM THAT IS ASSOCIATED WITH AN ELECTRONIC CIRCUIT. WERNER A. GIESEKE, doing business as The Autotron Company, Danville, Ill.
Filed June 16, 1945. Serial No. 484,628. PUBLISHED AUGUST 13, 1946. Class 26.

440,440. LIQUEUR. MARYLAND DISTILLERS PRODUCTS COMPANY, Baltimore, Md., assignor to Continental Distilling Corporation, Philadelphia, Pa., a corporation of Delaware.
Filed June 20, 1945. Serial No. 484,792. PUBLISHED JANUARY 14, 1947. Class 49.

440,441. DOLLS. ANNE NORTON, Anderson, Ind.
Filed November 26, 1945. Serial No. 492,217. PUBLISHED MAY 25, 1948. Class 22.

440,442. OBJECTIVE LENSES FOR PHOTOGRAPHIC APPARATUS—NAMELY, STILL CAMERAS AND MOVIE CAMERAS. KERN & Co. A.-G., Aarau, Switzerland.
Filed January 10, 1946. Serial No. 494,563. PUBLISHED MAY 18, 1948. Class 26.

440,443. NEWS SHEETS PERTAINING TO FOODS IN CANS AND PREPARATION THEREFOR, PUBLISHED FROM TIME TO TIME. CAN MANUFACTURERS INSTITUTE, Washington, D. C.
Filed April 12, 1946. Serial No. 500,054. PUBLISHED JUNE 8, 1948. Class 38.

440,444. FRAMES FOR HOLDING AN INFLATABLE BOUYANT FLOATABLE OBJECT FOR THE USE OF BATHERS. HAMPDEN SPECIALTY PRODUCTS, INC., Easthampton, Mass.
Filed April 23, 1946. Serial No. 500,753. PUBLISHED MAY 25, 1948. Class 22.

440,445. TENNIS RACKETS, TENNIS BALLS, BADMINTON RACKETS, ETC. MILBURN M. ROSS, doing business as Ross Engineering & Equipment Co., Wichita, Kans.
Filed April 24, 1946. Serial No. 500,829. PUBLISHED MAY 25, 1948. Class 22.

440,446. SERIES OF CARTOONS. TRIBUNE COMPANY, Chicago, Ill.
Filed May 17, 1946. Serial No. 502,352. PUBLISHED JUNE 1, 1948. Class 38.

440,447. MECHANICALLY GROOVED PHONOGRAPH RECORDS. TRILON RECORD MFG. CO., Oakland, Calif.
Filed May 20, 1946. Serial No. 502,473. PUBLISHED JUNE 1, 1948. Class 36.

440,448. COMBINED CAMP FOLDING TABLE AND GRIP FOR CARRYING SPORTING EQUIPMENT AND THE LIKE, ESPECIALLY FOR USE BY SPORTSMEN. OTTO E. FENSKE, Skokie, Ill.
Filed May 21, 1946. Serial No. 502,508. PUBLISHED MAY 25, 1948. Class 22.

440,449. WIND DRIVEN APPARATUS, HAVING IN COMBINATION A TRANSMITTER AND RECEIVER, USED FOR INDICATING THE DIRECTION AND VELOCITY OF THE WIND. BENDIX AVIATION CORPORATION, Detroit, Mich.
Filed May 28, 1946. Serial No. 502,877. PUBLISHED MAY 25, 1948. Class 26.

440,450. NON-FREEZING TILTS HAVING A REEL AND LINE FOR ICE FISHING, CANVAS CARRY-ALL BAGS FOR ICE FISHING TACKLE, KITS OF FLY TYING MATERIALS, FISH LINES AND FLY TYING VISES. THE FISHCRAFTERS, Worcester, Mass.
Filed May 29, 1946. Serial No. 502,966. PUBLISHED MAY 25, 1948. Class 22.

440,451. RUBBERS. TRANSCONTINENTAL RUBBER CORP., New York, N. Y., assignor to Transcontinental Shoe Corporation, Brooklyn, N. Y.
Filed June 13, 1946. Serial No. 503,842. PUBLISHED MAY 18, 1948. Class 39.

440,452. PRETZELS. WILLIAM R. EDMONDSON, doing business as Billy's Butter Bretzels and Billy's Bretzel Bakery, Reading, Pa.
Filed June 20, 1946. Serial No. 504,261. PUBLISHED JUNE 8, 1948. Class 46.

440,453. SUNGLASSES. WALTER GOLDSTEIN, doing business as Zenith Optical Laboratory, New York, N. Y.
Filed June 22, 1946. Serial No. 504,438. PUBLISHED MARCH 4, 1947. Class 26.

440,454. PERIODICAL. THE DAVISON CHEMICAL CORPORATION, Baltimore, Md.
Filed July 26, 1946, Serial No. 506,295. PUBLISHED JUNE 1, 1948. Class 38.

440,455. GREETING CARDS, PRINTED GREETING FOLDERS, CALENDARS, DECORATIVE PRINTED TAGS, AND PRINTED SEALS. NORCROSS, New York, N. Y.
Filed July 26, 1946. Serial No. 506,338. PUBLISHED MAY 25, 1948. Class 38.

440,456. ELECTRONIC TIMING SWITCH FOR PHOTOGRAPHIC PRINTING AND ENLARGING. DEVELOPMENT CORPORATION OF AMERICA, Brooklyn, N. Y.
Filed July 27, 1946. Serial No. 506,370. PUBLISHED MAY 18, 1948. Class 26.

440,457. CLOTHES DRYING RACKS. DENVER WOOD PRODUCTS CO., Denver, Colo.
Filed July 29, 1946. Serial No. 506,429. PUBLISHED MAY 11, 1948. Class 24.

440,458. MECHANICALLY GROOVED PHONOGRAPH RECORDS. THE SCHOOL OF RADIO TECHNIQUE, INC., New York, N. Y.
Filed July 31, 1946. Serial No. 506,615. PUBLISHED JUNE 8, 1948. Class 36.

440,459. ROLLED OR PRESSED, STRAIGHT OR CYLINDRICAL OR TAPERED, PLAIN OR FLUTED, METAL PIPES, TUBES, AND POLES NOT INCLUDING ELECTRICAL EQUIPMENT, FOR METAL SIGN STANDARDS AND METAL PARKING METER STANDARDS; AND FOR REDRAWN METAL TUBES. THE UNION METAL MANUFACTURING COMPANY, Canton, Ohio.
Filed August 1, 1946. Serial No. 506,709. PUBLISHED JUNE 17, 1947. Class 13.

440,460. CANNED FRUITS AND VEGETABLES, CANNED FISH, RIPE OLIVES, COFFEE AND CHEESE. JOSEPH ANTOGNOLI & COMPANY, Chicago, Ill.
Filed August 13, 1946. Serial No. 507,288. PUBLISHED JUNE 1, 1948. Class 46.

440,461. MUSICAL COMPOSITIONS, PRINTED BOOKS, DRAMATIC COMPOSITIONS, PRINTED AND WRITTEN PLAYS. JOSEPH BALOGH, New York, N. Y.
Filed August 13, 1946. Serial No. 507,293. PUBLISHED JUNE 8, 1948. Class 38.

440,462. SEPARABLE FASTENERS OF THE TYPE INTERLOCKED BY A SLIDING DEVICE, AND PARTS THEREFOR. QUEEN MANUFACTURING CORP., New York, N. Y.
Filed August 15, 1946. Serial No. 507,490. PUBLISHED JUNE 8, 1948. Class 13.

440,463. WINDOW SHADE AND CURTAIN ROD BRACKETS. L. P. JEFFREYS, Fort Worth, Tex.
Filed August 24, 1946. Serial No. 507,983. PUBLISHED JUNE 1, 1948. Class 13.

440,464. PERFORATED ALUMINUM QUICK FREEZING AND DEHYDRATING FOOD TRAYS. WILLIAM G. BALLANTYNE, doing business as W. G. Ballantyne Co., Portland, Oreg.
Filed August 27, 1946. Serial No. 508,092. PUBLISHED JUNE 8, 1948. Class 13.

440,465. EYE GLASSES. LU-OPTIC MFG. CO., Brooklyn, N. Y.
Filed September 10, 1946. Serial No. 508,802. PUBLISHED MAY 18, 1948. Class 26.

440,466. LAWN SPRINKLERS. ACCMATOOL CO., INC., New York, N. Y.
Filed September 25, 1946. Serial No. 509,684. PUBLISHED MAY 25, 1948. Class 13.

440,467. CHILDREN'S PLAYTHINGS — NAMELY, ROCKING HORSES, TRAILER TRUCKS, AND WHEELBARROWS. MILTON F. FLOREST, doing business as Strongboy Novelty Co., Walpole, Mass.
Filed September 26, 1946. Serial No. 509,763. PUBLISHED MAY 25, 1948. Class 22.

440,468. HAND-OPERATED GAS OR LIQUID CONTROL VALVES. AIR REDUCTION SALES COMPANY, New York, N. Y.
Filed October 3, 1946. Serial No. 510,149. PUBLISHED FEBRUARY 10, 1948. Class 13.

440,469. MIXING BASE OR CONCENTRATE FROM WHICH A FLUSHING MASH FOR POULTRY MAY BE MADE BY THE ADDITION OF GRAINS AND GRAIN PRODUCTS AND HAVING INCIDENTAL LAXATIVE PROPERTIES. IOWA FEED COMPANY, Des Moines, Iowa, assignor to F. H. Kelley, Des Moines, Iowa.
Filed October 7, 1946. Serial No. 510,393. PUBLISHED JUNE 8, 1948. Class 46.

440,470. SEPARABLE FASTENERS OF THE TYPE INTERLOCKED BY A SLIDING DEVICE, AND PARTS THEREFOR. QUEEN MANUFACTURING CORP., New York, N. Y.
Filed October 8, 1946. Serial No. 510,445. PUBLISHED JUNE 8, 1948. Class 13.

440,471. OPHTHALMIC LENSES AND LENS BLANKS. SHURON OPTICAL COMPANY, INC., Geneva, N. Y.
Filed October 18, 1946. Serial No. 511,112. PUBLISHED JUNE 1, 1948. Class 26.

440,472. ACTIVATED TOY BIRD FIGURE. HOUSE OF PLATE, Detroit, Mich.
Filed October 21, 1946. Serial No. 511,219. PUBLISHED MAY 25, 1948. Class 22.

440,473. FISHING REELS. JOHN E. NORTH, Portland, Oreg.
Filed October 22, 1946. Serial No. 511,283. PUBLISHED MAY 25, 1948. Class 22.

440,474. METAL CLAMP BRACKETS FOR SUPPORTING LAMPS AND LIKE ARTICLES. WHITMORE PRODUCTS, Wayne Township, Passaic County, N. J.
Filed October 25, 1946. Serial No. 511,525. PUBLISHED JUNE 8, 1948. Class 13.

440,475. GAS PRESSURE CONTROL VALVES. PURE CARBONIC, INCORPORATED, New York, N. Y.
Filed October 26, 1946. Serial No. 511,578. PUBLISHED FEBRUARY 3, 1948. Class 13.

440,476. METERS FOR MEASURING THE FLOW OF LIQUIDS OR GASES AND PARTS THEREOF AND TELEMETRIC ATTACHMENTS FOR SUCH METERS FOR REGISTERING METER READINGS AT A DISTANCE FROM THE METER. AMERICAN TELEMETER CORPORATION, Boston, Mass.
Filed November 7, 1946. Serial No. 512,145. PUBLISHED MAY 25, 1948. Class 26.

440,477. CANNED CHILES. COASTAL VALLEY CANNING CO., Oxnard, Calif.
Filed November 8, 1946. Serial No. 512,240. PUBLISHED JUNE 1, 1948. Class 46.

440,478. FISHING LINES. NORWICH LINE COMPANY, INC., Norwich, N. Y.
Filed November 13, 1946. Serial No. 512,527. PUBLISHED MAY 25, 1948. Class 22.

440,479. DENTAL X-RAY FILM. SAMUEL A. HERMAN, New York, N. Y.
Filed November 26, 1946. Serial No. 513,245. PUBLISHED MAY 18, 1948. Class 26.

440,480. POULTRY FEEDS, MILL FEEDS, THAT IS, WHEAT BRAN, SHORTS AND SCREENINGS, DAIRY FEEDS, HORSE AND MULE FEEDS, HOG AND PIG FEEDS, AND DOG FOOD. INTERSTATE MILLING COMPANY, Charlotte, N. C.
Filed November 29, 1946. Serial No. 513,420. PUBLISHED JUNE 8, 1948. Class 46.

440,481. POULTRY FEEDS, IN THE FORM OF LAYING MASH, GROWING MASH, STARTING MASH, STARTING AND GROWING MASH, BROILER MASH, HEN SCRATCH, BABY CHICK GRAIN, AND GROWING GRAIN, DAIRY FEEDS, ETC. INTERSTATE MILLING COMPANY, Charlotte, N. C.
Filed November 29, 1946. Serial No. 513,423. PUBLISHED JUNE 1, 1948. Class 46.

440,482. POULTRY FEEDS, IN THE FORM OF LAYING MASH, ETC. INTERSTATE MILLING COMPANY, Charlotte, N. C.
Filed November 29, 1946. Serial No. 513,424. PUBLISHED JUNE 1, 1948. Class 46.

440,483. POULTRY FEEDS, IN THE FORM OF LAYING MASH, GROWING MASH, STARTING MASH, STARTING AND GROWING MASH, BROILER MASH, HEN SCRATCH, BABY CHICK GRAIN, AND GROWING GRAIN, DAIRY FEEDS, HORSE AND MULE FEEDS, HOG AND PIG FEEDS, AND DOG FOOD. INTERSTATE MILLING COMPANY, Charlotte, N. C.
Filed November 29, 1946. Serial No. 513,425. PUBLISHED JUNE 1, 1948. Class 46.

440,484. PLUMBERS' RUBBER SUPPLIES—NAMELY, HOLLOW AND SOLID STOPPERS, BEAD CHAIN STOPPERS, SINK SUCTION STOPPERS, FULLER BALLS, TANK BALLS, CLOSET SEAT BUMPERS, AND FURNACE BULBS. THE H. O. CANFIELD CO., Bridgeport, Conn.
Filed December 11, 1946. Serial No. 514,003. PUBLISHED JUNE 1, 1948. Class 13.

440,485. DAILY NEWSPAPER COLUMN. T. J. CUZALINA, doing business as Cuzalina Drug Company, Ponca City, Okla.
Filed December 23, 1946. Serial No. 514,693. PUBLISHED JUNE 1, 1948. Class 38.

440,486. TECHNICAL DATA BULLETIN DISTRIBUTED TO THE PAINT, VARNISH, AND ENAMEL TRADE, CONTAINING DATA AND INSTRUCTIONS FOR IMPROVING THE TECHNIQUE OF COATING VARIOUS SURFACES, AND PUBLISHED FROM TIME TO TIME. MAAS & WALDSTEIN COMPANY, Newark, N. J.
Filed December 24, 1946. Serial No. 514,764. PUBLISHED JUNE 8, 1948. Class 38.

440,487. PHOTOGRAPHIC CAMERAS AND PARTS THEREOF, LIGHT METERS, RANGE AND OBJECTIVE FINDERS AND ENLARGERS. NEOX S. A., Lausanne, Switzerland.
Filed December 24, 1946. Serial No. 514,770. PUBLISHED MAY 25, 1948. Class 26.

440,488. FINE STATIONERY—NAMELY, WRITING PAPER AND ENVELOPES, BUSINESS STATIONERY—NAMELY, WRITING PAPER AND ENVELOPES, BOND PAPER, LEDGER PAPER, DUPLICATOR PAPER, OFFSET PAPER, INDEX PAPER, COVER PAPER, SPECIALTIES PAPER, AND WRAPPING PAPER. THE WAUSAU PAPER MILLS COMPANY, Brokaw, Wis.
Filed December 26, 1946. Serial No. 514,862. PUBLISHED JUNE 1, 1948. Class 37.

440,489. TOYS OF THE TYPE INCLUDING ELECTRICALLY OPERABLE ELEMENTS AND ASSOCIATED COMPONENTS FOR THE CONSTRUCTION OF ELECTRICAL AND PHOTOGRAPHIC APPARATUS AND FOR THE PERFORMANCE OF EXPERIMENTS IN THE FIELD OF PHYSICS, ELECTRICITY, CHEMISTRY, AND OPTICS. QUVAS PRODUCTS INC., West Orange, N. J.
Filed December 30, 1946. Serial No. 515,048. PUBLISHED MAY 25, 1948. Class 22.

440,490. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES, AND SYRUPS AND CONCENTRATES FOR MAKING THE SAME. JOHN L. KELLOGG, Chicago, Ill.
Filed January 2, 1947. Serial No. 515,186. PUBLISHED JUNE 8, 1948. Class 45.

440,491. TOY BLOCKS. CREATIVE EDUCATIONAL SOCIETY, Mankato, Minn.
Filed January 13, 1947. Serial No. 515,658. PUBLISHED MAY 25, 1948. Class 22.

440,492. ANIMATED TOYS. KOHNER BROS., New York, N. Y.
Filed January 21, 1947. Serial No. 516,081. PUBLISHED JUNE 1, 1948. Class 22.

440,493. POTATO CHIPS, BUTTERED POP-CORN. STARLAND COMPANY, INC., New York, N. Y.
Filed January 24, 1947. Serial No. 516,323. PUBLISHED JUNE 8, 1948. Class 46.

440,494. DOLLS AND DOLL-SIZED ANIMAL CHARACTERS. CORONET TOY MANUFACTURING CO., Seattle, Wash.
Filed January 29, 1947. Serial No. 516,535. PUBLISHED MAY 25, 1948. Class 22.

440,495. COCOA, CHOCOLATE, JAMS, SUGAR COATED FRUITS, AND CANDIES. N. V. CACAO-EN CHOCOLADEFABRIEK "UNION," Haarlem, Netherlands.
Filed February 7, 1947. Serial No. 517,114. PUBLISHED JUNE 1, 1948. Class 46.

440,496. PERIODICAL PRINTED PUBLICATIONS. STONHILL & GILLIS LIMITED, London, England.
Filed February 14, 1947. Serial No. 517,528. PUBLISHED JUNE 8, 1948. Class 38.

440,497. GRAPE JUICE AND NON-ALCOHOLIC MALTLESS SOFT DRINKS. GRAPILLON S. A., Mont sur Rolle, Switzerland.
Filed February 15, 1947. Serial No. 517,573. PUBLISHED MAY 25, 1948. Class 45.

440,498. DOLLS AND TOY RUBBER ANIMALS AND FIGURES. IDEAL NOVELTY & TOY CO., Hollis, N. Y.
Filed February 25, 1947. Serial No. 518,078. PUBLISHED MAY 25, 1948. Class 22.

440,499. FISHING REELS. ERNEST B. ROSNER, doing business as Champion Sports Equipment Co., Chicago, Ill., assignor to Service Screw Products Co., Chicago, Ill., a corporation of Illinois.
Filed February 28, 1947. Serial No. 518,325. PUBLISHED MAY 25, 1948. Class 22.

440,500. PLUMBERS' RUBBER SUPPLIES—NAMELY, HOLLOW AND SOLID STOPPERS, BEAD CHAIN STOPPERS, SINK SUCTION STOPPERS, FULLER BALLS, FLUSH TANK BALLS, CLOSET SEAT BUMPERS, AND FURNACE BULBS. THE H. O. CANFIELD CO., Bridgeport, Conn.
Filed March 4, 1947. Serial No. 518,454. PUBLISHED JUNE 1, 1948. Class 13.

440,501. AQUATIC TOYS IN THE FORM OR SHAPE OF FISHES MADE OF PLASTIC AND/OR WOOD. DOLPHIN TOYS, Mount Vernon, N. Y.
Filed March 18, 1947. Serial No. 519,182. PUBLISHED MAY 25, 1948. Class 22.

440,502. MANIPULABLE CHART FOR USE IN CONNECTION WITH CAMERAS TO INDICATE THE DEPTH OF FIELD IN RATIO TO THE SETTING OF THE APERTURE. LEONARD B. VICTOR, New York, N. Y.
Filed March 22, 1947. Serial No. 519,452. PUBLISHED MAY 18, 1948. Class 26.

440,503. ANIMATED TOYS. KOHNER BROS., New York, N. Y.
Filed March 28, 1947. Serial No. 519,759. PUBLISHED JUNE 1, 1948. Class 22.

440,504. ARTIFICIAL FISHING LURES. FLECTOLITE, Rochester, N. Y.
Filed March 29, 1947. Serial No. 519,805. PUBLISHED MAY 25, 1948. Class 22.

440,505. GOLF CLUBS AND PARTS THEREOF. JOHN L. NILSON, Chicago, Ill.
Filed March 31, 1947. Serial No. 519,894. PUBLISHED MAY 25, 1948. Class 22.

440,506. DOLLS. HERMAN COHN, doing business as Herman Cohn Company and The House of Puzzy, Baltimore, Md.
Filed April 3, 1947. Serial No. 520,092. PUBLISHED MAY 25, 1948. Class 22.

440,507. GAME OF SKILL INCLUDING A GAME BOARD AND MOVABLE GAME PIECES. JULIUS SEARS, doing business under the name and style of Dearborn Industries, Detroit, Mich.
Filed April 11, 1947. Serial No. 520,532. PUBLISHED MAY 25, 1948. Class 22.

440,508. FOLDING FISH NETS. THURMAN A. FINN, doing business as Fin-N-Et Mfg. Co., Denver, Colo.
Filed April 14, 1947. Serial No. 520,623. PUBLISHED MAY 25, 1948. Class 22.

440,509. FOUNTAIN PENS. REYNOLDS PEN COMPANY, Chicago, Ill.
Filed April 29, 1947. Serial No. 521,535. PUBLISHED JUNE 8, 1948. Class 37.

440,510. TRACING PAPER. KEUFFEL & ESSER COMPANY, Hoboken, N. J.
Filed May 1, 1947. Serial No. 521,663. PUBLISHED JUNE 8, 1948. Class 37.

440,511. DOLLS. SHOW DOLL CO., New York, N. Y.
Filed May 2, 1947. Serial No. 521,759. PUBLISHED MAY 25, 1948. Class 22.

440,512. ARTIFICIAL FISH LURE. RED & GREEN TACKLE COMPANY, Detroit, Mich.
Filed May 3, 1947. Serial No. 521,822. PUBLISHED MAY 25, 1948. Class 22.

440,513. SUSPENSION HOLDER FOR TOYS SUCH AS A RATTLE, ETC. WILLIAM E. KICK, doing business as Jingle Jangle Toys, Glendale, Calif.
Filed May 5, 1947. Serial No. 521,898. PUBLISHED MAY 25, 1948. Class 22.

440,514. GOLF INSTRUCTION AND PRACTICE APPARATUS COMPRISING ADJUSTABLE GUIDE FRAMES TO DETERMINE AND RECORD A GOLFER'S STANCE AND SWING. ROBERT CROWLEY, North Quincy, Mass.
Filed May 13, 1947. Serial No. 522,346. PUBLISHED MAY 25, 1948. Class 22.

440,515. DOLLS. ALICE L. CLARK, doing business as Nina Doll Co., Mill Valley, Calif.
Filed May 27, 1947. Serial No. 523,095. PUBLISHED MAY 25, 1948. Class 22.

440,516. GAMES COMPRISING A BOARD WITH SET-OFF AREAS OVER WHICH LOOSE GAME PIECES ARE MOVED BY THE PLAYERS. WILBER R. MABRY, Kansas City, Mo.
Filed June 9, 1947. Serial No. 523,848. PUBLISHED MAY 25, 1948. Class 22.

440,517. MECHANICALLY GROOVED TALKING MACHINE RECORDS. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed June 25, 1947. Serial No. 524,846. PUBLISHED JUNE 8, 1948. Class 36.

440,518. PERIODICAL PUBLICATION. INTERNATIONAL SOCIETY OF AIR AFFAIRS, Bethesda, Md.
Filed June 30, 1947. Serial No. 525,216. PUBLISHED JUNE 8, 1948. Class 38.

440,519. ARTIFICIAL FISH LURES AND FISH LURE KITS. VINCENT A. KASIN, doing business as V. A. Kasin Molded Products, Hollywood, Calif.
Filed June 30, 1947. Serial No. 525,218. PUBLISHED MAY 25, 1948. Class 22.

440,520. ARTIFICIAL FISHING LURES. REXEL L. LINE, doing business as Rex Line Bait Company, Kankakee, Ill.
Filed June 30, 1947. Serial No. 525,223. PUBLISHED MAY 25, 1948. Class 22.

440,521. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,163. PUBLISHED JUNE 1, 1948. Class 37.

440,522. MONTHLY MAGAZINE. HENRY H. GOTTLIEB, New York, N. Y.
Filed July 4, 1947. Serial No. 526,224. PUBLISHED JUNE 8, 1948. Class 38.

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These registrations are not subject to opposition.

440,523. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVIS AND COMPANY, Cleveland, Ohio. Filed July 11, 1944. Serial No. 472,103.

DAVIS & COMPANY

FOR FOOD FLAVORING EXTRACTS; FOOD FLAVORING PASTES; FOOD FLAVORING CONCENTRATES; FOOD FLAVORING COLLOIDS; FOOD FLAVORING EMULSIONS; FOOD FLAVORING OILS; STABILIZERS FOR USE IN ICE CREAM, SHERBET, MERINGUES AND PIE FILLERS; AND HOMOGENIZING EMULSIFIERS FOR USE AS SHORTENING REPLACERS IN CAKES AND OTHER BAKED GOODS.
Claims use since Apr. 1, 1932.

440,524. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) NEW YORK MERCHANDISE CO., INC., New York, N. Y. Filed Oct. 6, 1945. Serial No. 489,524.

Bestmaid

FOR PLASTIC TOY WHISTLES, TOY PIANO SETS, PLASTIC TOY FURNITURE SETS, PLASTIC TOY CUTLERY SETS, RUBBER BALLS INCLUDING WATER BALLS, PLAYING BALLS, FOOT BALLS AND INFLATABLE BALLS, CELLULOID DOLLS, CELLULOID FLOATING TOYS AND CELLULOID BATH TOYS.
Claims use since 1935.

440,525. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE ELECTRIC MECHANO CO., Milwaukee, Wis. Filed Oct. 12, 1945. Serial No. 489,857.

ELECTRO MECHANO

FOR TACHOMETERS AND TIMER MECHANISM FOR PHOTOGRAPH ENLARGERS.
Claims use since January 1943.

440,526. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) MARTIN BOWERMAN, Glendale, Calif. Filed May 15, 1946. Serial No. 502,119.

TRUDESIGN

FOR DRAFTSMAN'S AND ENGINEERING TRIANGLES, TEMPLATES, IRREGULAR CURVES, SCALES, RULERS, AND PROTRACTORS.
Claims use since Mar. 15, 1946.

440,527. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed June 13, 1947. Serial No. 524,116.

SHARKO GRAIN

FOR LEATHER.
Claims use since June 1, 1947.

ACT OF 1946, PRINCIPAL REGISTER

501,979. LAMINATED SHEETS OF FIBROUS MATERIAL — NAMELY, VEGETABLE PARCHMENT SHEETS AND/OR PAPER SHEETS FOR USE IN PRODUCING MAKE-READIES AND HAND-CUT OVERLAYS. BISHOP STANSELL COMPANY, Dayton, Ohio.
Filed August 8, 1947. Serial No. 484,872. PUBLISHED JUNE 8, 1948. Class 37.

501,980. SLIDE FASTENERS AND COMPONENTS THEREFOR—NAMELY, FASTENER CHAIN, PULLS, SLIDERS, AND SEPARATING END CONNECTIONS; AND PREFORMED WIRE FOR USE IN MAKING SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 508,194. PUBLISHED JUNE 8, 1948. Class 13.

501,981. MOLASSES. J. STROMEYER COMPANY, Philadelphia, Pa.
Filed July 5, 1947. Serial No. 510,127. PUBLISHED JUNE 1, 1948. Class 46.

501,982. SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 512,210. PUBLISHED JUNE 1, 1948. Class 13.

501,983. CANNED PIMIENTOS AND CANNED GREEN CHILES. COASTAL VALLEY CANNING CO., Oxnard, Calif.
Filed October 6, 1947. Serial No. 512,238. PUBLISHED JUNE 1, 1948. Class 46.

501,984. POTABLE DISTILLED ALCOHOLIC BEVERAGES, PARTICULARLY WHISKEY, GIN (NAMELY, ORANGE FLAVORED GIN, LEMON FLAVORED GIN, SLOE GIN, MINT FLAVORED GIN, AND LIME FLAVORED GIN), ETC. SUNSET INCORPORATED, Chicago, Ill.
Filed September 11, 1947. Serial No. 515,728. PUBLISHED JUNE 8, 1948. Class 49.

501,985. BASE METAL COOKING HOLLOW WARE—NAMELY, DRIP COFFEE MAKERS, TEA KETTLES, PERCOLATORS, COVERED SAUCE PANS, COVERED SAUCE POTS, COVERED KETTLES, DOUBLE BOILERS, COMBINATION COOKERS, AND LIPPED SAUCE PANS. THE ENTERPRISE ALUMINUM COMPANY, Massillon, Ohio.
Filed July 28, 1947. Serial No. 522,799. PUBLISHED JUNE 8, 1948. Class 13.

501,986. BASE METAL COOKING HOLLOW WARE, ETC. THE ENTERPRISE ALUMINUM COMPANY, Massillon, Ohio.
Filed July 28, 1947. Serial No. 522,805. PUBLISHED MAY 25, 1948. Class 13.

501,987. FISHING LINE. ASHAWAY LINE & TWINE MANUFACTURING COMPANY, Ashaway, R. I.
Filed July 5, 1947. Serial No. 526,578. PUBLISHED MAY 25, 1948. Class 22.

501,988. RUBBER PLAY BALLS. EAGLE RUBBER CO., INC., Ashland, Ohio.
Filed July 5, 1947. Serial No. 526,921. PUBLISHED MAY 25, 1948. Class 22.

501,989. GARTERS, BRACES, AND SUSPENDERS. PIONEER SUSPENDER COMPANY, Philadelphia, Pa.
Filed July 5, 1947. Serial No. 527,379. PUBLISHED APRIL 6, 1948. Class 39.

501,990. SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,809. PUBLISHED JUNE 1, 1948. Class 13.

501,991. SLIDE FASTENERS AND COMPONENTS THEREFOR—NAMELY, SLIDERS, PULLS, TOP AND BOTTOM STOPS, AND FASTENER CHAIN. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,817. PUBLISHED MAY 11, 1948. Class 13.

501,992. MOTION PICTURE CAMERAS AND PROJECTORS. REVERE CAMERA COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,862. PUBLISHED MAY 18, 1948. Class 26.

501,993. SLIDE FASTENERS AND COMPONENTS THEREFOR—NAMELY, SLIDERS, PULLS, TOP AND BOTTOM STOPS, AND FASTENER CHAIN. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,885. PUBLISHED MAY 25, 1948. Class 13.

501,994. SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,887. PUBLISHED MAY 25, 1948. Class 13.

501,995. SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,894. PUBLISHED MAY 25, 1948. Class 13.

501,996. SPREAD COMPOSED OF CRUSHED SESAME SEED, SUGAR AND CORN SYRUP. GORDON, WOLF, COWEN CO., INC., New York, N. Y.
Filed July 12, 1947. Serial No. 528,461. PUBLISHED JUNE 1, 1948. Class 46.

501,997. POWDERED ALGIN PRODUCT FOR USE AS A HYDROPHILIC COLLOID, ETC. KELCO COMPANY, San Diego, Calif.
Filed July 16, 1947. Serial No. 528,729. PUBLISHED APRIL 13, 1948. Class 46.

501,998. STOCK FEED CONTAINING COTTONSEED MEAL. TRADERS OIL MILL COMPANY, Fort Worth, Tex.
Filed July 17, 1947. Serial No. 528,826. PUBLISHED JUNE 1, 1948. Class 46.

501,999. NEWSPAPERS, PUBLISHED AT LEAST WEEKLY. THE AFRO-AMERICAN COMPANY OF BALTIMORE CITY, Baltimore, Md.
Filed July 22, 1947. Serial No. 529,124. PUBLISHED JUNE 8, 1948. Class 38.

502,000. CRIBBAGE SCORE BOARDS. ROBERT C. SHIPLEY, doing business as R. C. Shipley Manufacturing Company, Kalamazoo, Mich.
Filed July 23, 1947. Serial No. 529,313. PUBLISHED MARCH 30, 1948. Class 22.

502,001. ALE. LOUIS F. NEUWEILER'S SONS, Allentown, Pa.
Filed July 24, 1947. Serial No. 529,397. PUBLISHED JUNE 8, 1948. Class 48.

502,002. PHOTOGRAPHIC CAMERAS. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,552. PUBLISHED MAY 18, 1948. Class 26.

502,003. PHOTOGRAPHIC CAMERAS. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,553. PUBLISHED MAY 18, 1948. Class 26.

502,004. MOTION PICTURE AND STILL PICTURE PROJECTORS. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,554. PUBLISHED MAY 18, 1948. Class 26.

502,005. PHOTOGRAPHIC LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,558. PUBLISHED MAY 18, 1948. Class 26.

502,006. PHOTOGRAPHIC LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,560. PUBLISHED MAY 18, 1948. Class 26.

502,007. PHOTOGRAPHIC LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,561. PUBLISHED MAY 25, 1948. Class 26.

502,008. PHOTOGRAPHIC LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,565. PUBLISHED MAY 25, 1948. Class 26.

502,009. PHOTOGRAPHIC LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,567. PUBLISHED MAY 25, 1948. Class 26.

502,010. MOTION PICTURE PROJECTORS. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,568. PUBLISHED MAY 25, 1948. Class 26.

502,011. PROJECTION LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,569. PUBLISHED MAY 25, 1948. Class 26.

502,012. MOTION PICTURE PROJECTING APPARATUS AND SOUND REPRODUCING APPARATUS ASSOCIATED THEREWITH. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,572. PUBLISHED MAY 25, 1948. Class 26.

502,013. PHOTOGRAPHIC CAMERAS. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,573. PUBLISHED JUNE 1, 1948. Class 26.

502,014. PHOTOGRAPHIC LENSES. BELL & HOWELL COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,577. PUBLISHED JUNE 1, 1948. Class 26.

502,015. BREAD. PECHTER BAKING CO. INC., New York, N. Y.
Filed July 29, 1947. Serial No. 529,925. PUBLISHED JUNE 1, 1948. Class 46.

502,016. ATHLETIC AND SPORTING GOODS—NAMELY, ARCHERY BOWS, ARROWS AND TARGETS, TENNIS, SQUASH AND BADMINTON RACQUETS, ETC. AMCO SPORTS DISTRIBUTORS, St. Louis, Mo.
Filed August 2, 1947. Serial No. 530,277. PUBLISHED MAY 25, 1948. Class 22.

502,017. WRITING PAPER (BOND, VELLUM AND LEDGER). BRIGHTWATER PAPER COMPANY, Dover, Del., and Adams, Mass.
Filed August 12, 1947. Serial No. 531,083. PUBLISHED JUNE 1, 1948. Class 37.

502,018. WRITING PAPER (BOND, VELLUM AND LEDGER). BRIGHTWATER PAPER COMPANY, Dover, Del., and Adams, Mass.
Filed August 12, 1947. Serial No. 531,084. PUBLISHED JUNE 1, 1948. Class 37.

502,019. SNUFF. UNITED STATES TOBACCO COMPANY, Flemington, N. J., and New York, N. Y.
Filed August 15, 1947. Serial No. 531,560. PUBLISHED JUNE 1, 1948. Class 17.

502,020. STEREOTYPE MATS. BURGESS CELLULOSE COMPANY, Freeport, Ill.
Filed August 21, 1947. Serial No. 532,416. PUBLISHED JUNE 1, 1948. Class 37.

502,021. WINE AND VERMOUTH. ALFORD PRODUCTS CORPORATION, New York, N. Y.
Filed September 2, 1947. Serial No. 532,985. PUBLISHED JUNE 1, 1948. Class 47.

502,022. BEER AND ALE. ESSLINGER'S, INC., Philadelphia, Pa.
Filed September 3, 1947. Serial No. 533,151. PUBLISHED JUNE 1, 1948. Class 48.

502,023. LAUNDRY MACHINERY, PARTICULARLY FEATHER CLEANING AND STERILIZING MACHINES, AND PARTS THEREOF. THE AMERICAN LANUDRY MACHINERY COMPANY, Cincinnati, Ohio.
Filed September 23, 1947. Serial No. 535,369. PUBLISHED JUNE 1, 1948. Class 24.

502,024. LAUNDRY MACHINERY, PARTICULARLY FOLDING MACHINES FOR FOLDING FLATWORK, AND PARTS THEREOF. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio.
Filed September 23, 1947. Serial No. 535,370. PUBLISHED JUNE 1, 1948. Class 24.

502,025. LAUNDRY MACHINERY, PARTICULARLY RUG SCRUBBING MACHINES, RUG BEATERS, RUG DRY ROOMS AND RUG DUST COLLECTORS. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio.
Filed September 23, 1947. Serial No. 535,372. PUBLISHED JUNE 1, 1948. Class 24.

502,026. DRY-CLEANING MACHINERY OR APPARATUS, PARTICULARLY DRY-CLEANING WASHERS, AND PARTS THEREOF. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio.
Filed September 23, 1947. Serial No. 535,376. PUBLISHED JUNE 1, 1948. Class 24.

502,027. CHEWING AND SMOKING TOMACCO. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va.
Filed September 29, 1947. Serial No. 536,037. PUBLISHED JUNE 1, 1948. Class 17.

502,028. BULLETIN, HOUSE ORGAN, AND TRADE PUBLICATIONS PUBLISHED FROM TIME TO TIME. OLD COLONY ENVELOPE COMPANY, Westfield, Mass.
Filed October 2, 1947. Serial No. 536,544. PUBLISHED JUNE 1, 1948. Class 38.

502,029. SMOKING AND CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed October 6, 1947. Serial No. 536,916. PUBLISHED JUNE 8, 1948. Class 17.

502,030. SMOKING AND CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed October 6, 1947. Serial No. 536,921. PUBLISHED JUNE 8, 1948. Class 17.

502,031. TRADING STAMPS. TRAVEL PLAN CORPORATION, San Francisco, Calif.
Filed October 9, 1947. Serial No. 537,373. PUBLISHED JUNE 1, 1948. Class 38.

502,032. MONTHLY JOURNAL. AMERICAN HOSPITAL ASSOCIATION. Chicago, Ill.
Filed October 13, 1947. Serial No. 537,647. PUBLISHED JUNE 8, 1948. Class 38.

502,033. CIGARS. A. SENSENBRENNER SONS, Los Angeles, Calif.
Filed October 14, 1947. Serial No. 537,834. PUBLISHED JUNE 1, 1948. Class 17.

502,034. GREETING CARDS. GARTNER AND BENDER, INC., Chicago, Ill.
Filed October 15, 1947. Serial No. 537,888. PUBLISHED JUNE 1, 1948. Class 38.

502,035. WEEKLY PERIODICALS. ARMY AND NAVY BULLETIN, INC., Washington, D. C.
Filed October 22, 1947. Serial No. 538,592. PUBLISHED JUNE 1, 1948. Class 38.

502,036. SMOKING TOBACCO. PENN TOBACCO COMPANY, Wilkes-Barre, Pa.
Filed October 31, 1947. Serial No. 539,746. PUBLISHED JUNE 8, 1948. Class 17.

502,037. PUBLICATION RELATING TO HOMES, GARDENS, AND THE LIKE, ISSUED AT SUBSTANTIALLY REGULAR INTERVALS. MEREDITH PUBLISHING COMPANY, Des Moines, Iowa.
Filed July 29, 1947. Serial No. 541,780. PUBLISHED JUNE 8, 1948. Class 38.

502,038. SERIES OF BOOKS. THE CROWELL-COLLIER PUBLISHING COMPANY, New York, N. Y.
Filed December 9, 1947. Serial No. 543,791. PUBLISHED JUNE 1, 1948. Class 38.

Service Marks

502,039. REPAIRING, RELINING, AND REFINISHING OF LEATHER GOODS—NAMELY, TRUNKS, LUGGAGE, TRAVELING BAGS, BRIEF CASES, LEATHER JACKETS, AND HAND BAGS. ACE LEATHER GOODS REPAIR SERVICE, Chicago, Ill.
Filed July 10, 1947. Serial No. 528,241. PUBLISHED APRIL 27, 1948. Class 55.

502,040. CLEANING, DYEING, PRESSING AND STORING GARMENTS AND HOUSEHOLD GOODS. BORNOT, INC., Philadelphia, Pa.
Filed July 17, 1947, Serial No. 528,757. PUBLISHED MAY 25, 1948. Class 55.

502,041. MOUNTING AND FINISHING LITHOGRAPHED ADVERTISING DISPLAYS AND LAMINATING OR AFFIXING TO A PAPER OR TEXTILE BASE A PLASTIC FILM. ARVEY CORPORATION, Chicago, Ill.
Filed July 24, 1947. Serial No. 529,343. PUBLISHED MAY 4, 1948. Class 55.

502,042. CUTTING AND EDGING OF TEXTILE FABRICS AND MORE SPECIFICALLY THE SLITTING AND EDGING OF TYPEWRITER RIBBON CLOTH ACCURATELY AND UNIFORMLY. TEXTILE CUTTING CORPORATION, New York, N. Y.
Filed August 21, 1947. Serial No. 532,067. PUBLISHED MAY 25, 1948. Class 55.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

502,043. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) AMERICAN MEDICAL GLASS COMPANY, Washington, D. C. Filed Dec. 16, 1947. Serial No. 497,837.

SOFTAGLAS

FOR GLASS WOOL FOR MAKING ORTHOPEDIC AND SURGICAL PADDINGS AND THE LIKE.
Claims use since Mar. 5, 1946.

502,044. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) BECKLIN LIMITED, London, England. Filed October 6, 1947. Serial No. 516,391.

BECKLIN

Applicant claims ownership of British registration No. 638,020, dated June 18, 1945.
FOR COLLAPSIBLE TOYS—NAMELY, DOLL HOUSES, GREENHOUSES, FARM HOUSES, FARM BUILDINGS AND BRIDGES MADE OF CARDBOARD, STRAWBOARD, LEATHERBOARD, SHEET METAL AND THE LIKE SUITABLE MATERIAL, WITH THE WINDOWS MADE OF TRANSPARENT ACETATE PRODUCTS; AND INTERCHANGEABLE PARTS THEREOF.

502,045. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) EDWARD C. WEBB, Louisville, Ky. Filed June 24, 1948. Serial No. 528,594.

WEBB SPECIAL SPINNER

FOR ARTIFICIAL FISHING BAIT.
Claims use since June 14, 1947.

502,046. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ROBERT L. WHITMAN, doing business as Facility Products, Miami, Fla. Filed Oct. 23, 1947. Serial No. 538,835.

LARM-LITE

FOR UNIT COMBINATION LIGHT AND ALARM, MORE PARTICULARLY AN ELECTRIC FLASHLIGHT AND WATCH DRIVEN ALARM CONTAINED AS A UNIT IN A CASE.
Claims use since May 1, 1946.

TRADE-MARK REGISTRATIONS RENEWED

31,839. REPRESENTATION OF A BELL. Registered Aug. 2, 1898. The Firm of F. A. O. Schwartz. Re-renewed Aug. 2, 1948, to F. A. O. Schwartz, New York, N. Y., a corporation of New York. TOYS, DOLLS, AND GAMES. Class 22.

31,884. "PROSPERITY" ETC. AND DESIGN. Registered Aug. 16, 1898. Samuel J. Braun, Toledo, Ohio. Re-renewed Aug. 16, 1948, to Carman & Co., Inc., New York, N. Y., a corporation of New York. WASHING-POWDER. Class 4.

31,930. "BLACK-HAWK" AND REPRESENTATION OF THE INDIAN CHIEFTAIN. Registered Sept. 6, 1898. Revere Rubber Company, Boston, Mass. Re-renewed Sept. 6, 1948, to United States Rubber Company, New York, N. Y., a corporation of New Jersey. HOSE, BELTING, PACKING, VALVES, GASKETS, AND SPRINGS. Class 35.

55,178. TUXEDO COFFEE. Registered Aug. 7, 1906. F. P. Garrettson & Co., Newport, R. I., and New York, N. Y. Re-renewed Aug. 7, 1946, to Gordon F. Waaser, doing business as F. P. Garrettson Co., New York, N. Y. COFFEE. Class 46.

60,089. CROSS WITHIN A CIRCLE DESIGN. Registered Jan. 29, 1907. Société Lorraine des Anciens Etablissements de Dietrich & Cie, de Lunéville. Re-renewed Jan. 29, 1947 (as provided by Public Law 517, July 17, 1946) to Société des Moteurs et Automobiles Lorraine, Paris, France, a corporation organized under the laws of France. AUTOMOBILES, AND PARTS THEREOF, EXCEPT RUBBER TIRES. Class 19.

60,497. THE COUNTRY GENTLEMAN. Registered Feb. 12, 1907. Luther Tucker & Son, Albany, N. Y. Re-renewed Feb. 12, 1947, to The Curtis Publishing Company, Philadelphia, Pa., a corporation of Pennsylvania. AGRICULTURAL JOURNAL. Class 38.

68,404. "GOLDEN CROWN" AND REPRESENTATION OF A CROWN. Registered Apr. 7, 1908. Aughinbaugh Canning Co., Baltimore, Md. Re-renewed Apr. 7, 1948, to The Torsch Canning Co., Milford, Del., a corporation of Maryland. CANNED FRUITS AND VEGETABLES. Class 46.

69,629. "W. KELLY MILLING COMPANY" AND SHIELD AND SEAL DESIGN LINED FOR YELLOW, BLUE, AND RED. Registered June 23, 1908. Wm. Kelly Milling Company. Re-renewed June 23, 1948, to The William Kelly Milling Company, Hutchinson, Kans., a corporation of Kansas. WHEAT FLOUR. Class 46.

69,777. SEA SHELL. Registered July 7, 1908. The Pfaffmann Egg Noodle Co. Re-renewed July 7, 1948, to The Pfaffman Company, Cleveland, Ohio, a corporation of Ohio. MACARONI. Class 46.

69,809. BUFF'S. Registered July 7, 1908. Hanrahan Pharmacal Co. Inc., Portsmouth, Va. Re-renewed July 7, 1948, to Frank C. Hanrahan, doing business as Frank Drug Co., Arlington, Va. COMPOUND PURGATIVE ELIXIR. Class 6.

69,992. "DEANS COUGH DROPS" ETC. AND DESIGN. Registered July 21, 1908. Dean Medicine Company, Milwaukee, Wis. Re-renewed July 21, 1948, to Deans Laboratories, Inc., Chicago, Ill., a corporation of Illinois. MENTHOLATED COUGH DROPS. Class 6.

69,996. "THE HOP LEAF" AND REPRESENTATION OF A LEAF. Registered July 21, 1908. H. & G. Simonds, Limited, Reading, England, a corporation organized under the laws of Great Britain. Re-renewed July 21, 1948. ALE. Class 48.

70,260. BOLSTERS. Registered Aug. 18, 1908. New England Confectionery Co., Portland, Maine, and Boston, Mass. Re-renewed Aug. 18, 1948, to New England Confectionery Company, Cambridge, Mass., a corporation of Massachusetts. CHOCOLATE CANDIES. Class 46.

70,261. LAKEWOOD. Registered Aug. 18, 1908. New England Confectionery Co., Portland, Maine, and Boston, Mass. Re-renewed Aug. 18, 1948, to New England Confectionery Company, Cambridge, Mass., a corporation of Massachusetts. CHOCOLATE CANDIES. Class 46.

70,262. EUREKA. Registered Aug. 18, 1908. New England Confectionery Co., Portland, Maine, and Boston, Mass. Re-renewed Aug. 18, 1948, to New England Confectionery Company, Cambridge, Mass., a corporation of Massachusetts. CHOCOLATE CANDIES. Class 46.

70,263. PARAGON. Registered Aug. 18, 1908. New England Confectionery Co., Portland, Maine, and Boston, Mass. Re-renewed Aug. 18, 1948, to New England Confectionery Company, Cambridge, Mass., a corporation of Massachusetts. CHOCOLATE CANDIES. Class 46.

70,422. ALPHA. Registered Sept. 1, 1908. Alpha Portland Cement Company. Re-renewed Sept. 1, 1948, to Alpha Portland Cement Company, Easton, Pa., a corporation of New Jersey. PORTLAND CEMENT. Class 12.

70,444. ICY-HOT. Registered Sept. 1, 1908. George P. Altenberg, Cincinnati, Ohio. Re-renewed Sept. 1, 1948, to The American Thermos Bottle Company, Norwich, Conn., a corporation of Ohio. BOTTLES AND JARS INSULATED FOR RESISTING CHANGE OF TEMPERATURE OF CONTENTS. Class 2.

70,678. BLACK PRINCE. Registered Sept. 22, 1908. Styles & Cash, New York, N. Y. Re-renewed Sept. 22, 1948, to Chas. S. Hook, Union City, Ind. LEAD PENCILS. Class 37.

70,737. PARACORE. Registered Sept. 29, 1908. National India Rubber Co., Bristol, R. I. Re-renewed Sept. 29, 1948, to United States Rubber Company, New York, N. Y., a corporation of New Jersey. INSULATED WIRE. Class 21.

70,889. LISKURL. Registered Oct. 13, 1908. Lister & Company Limited, Bradford, Yorkshire, England, a company organized under the laws of Great Britain. Re-renewed Oct. 13, 1948. CARPETS AND RUGS. Class 42.

70,961. MAXIM. Registered Oct. 20, 1908. The Neuman & Schwiers Company, New York, N. Y., a corporation of New York. Re-renewed Oct. 20, 1948. SARDINES. Class 46.

71,099. GENIUS. Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING-PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,105. "KNOWLEDGE" ETC. AND DESIGN. Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING-PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,108. "B" AND DESIGN. Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,141. "TROOPER" AND REPRESENTATION OF A TROOPER. Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING-PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,143. VARSITY. Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING-PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,144. "VERITY". Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING-PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,145. "VERITAS" AND REPRESENTATION OF A WOMAN'S HEAD AND DESIGN. Registered Nov. 3, 1908. J. C. Blair Company, Huntingdon, Pa. Re-renewed Nov. 3, 1948, to Western Tablet & Stationery Corporation, Dayton, Ohio, a corporation of Delaware. PAPER FOR WRITING AND PRINTING PURPOSES, DRAWING-PAPER, PENCIL-PAPER, ENVELOPS, WRITING-TABLETS, ETC. Class 37.

71,371. "TWILIGHT" AND DRAWING. Registered Nov. 24, 1908. C. W. Antrim & Sons. Re-renewed Nov. 24, 1948, to C. W. Antrim & Sons, Richmond, Va., a firm. TEA. Class 46.

71,581. "HILLS" AND DESIGN. Registered Dec. 1, 1908. Hills Brothers. Re-renewed Dec. 1, 1948, to Hills Bros. Coffee, Inc., San Francisco, Calif., a corporation of California. COFFEE. Class 46.

147,725. PREMIUM. Registered Oct. 25, 1921. Consolidated Rendering Company, Boston, Mass., a corporation of Maine. Renewed Jan. 5, 1948 (Supplemental Register). GREASE USED IN SOAP-MAKING. Class 4.

165,481. HERALDIC DESIGN. Registered Mar. 13, 1923. Robert Yves Leon Pitet. Renewed Mar. 13, 1943 (as provided by P. L. 517, July 17, 1946), to Etablissements Pitet Aine, Paris, France, a limited liability company organized under the laws of the French Republic. ARTISTS' BRUSHES AND HOUSE PAINTERS' BRUSHES. Class 29.

165,482. "P. A." ETC. AND DESIGN. Registered Mar. 13, 1923. Robert Yves Leon Pitet. Renewed Mar. 13, 1943 (as provided by P. L. 517, July 17, 1946), to Etablissements Pitet Aine, Paris, France, a limited liability company organized under the laws of the French Republic. HOUSE PAINTERS' BRUSHES. Class 29.

170,733. "WAGEMAKERS' TEOLIN" ETC. AND DRAWING. Registered July 24, 1923. N. V. Vernis- en Verffabriek v. h. J. Wagemakers & Zonen. Renewed July 24, 1943 (as provided by P. L. 517, July 17, 1946), to Naamlooze Vennootschap Vernis- En Verfwarenfabriek Voorheen J. Wagemakers & Zonen, Breda, Netherlands, a Dutch Company. PAINTS OF ALL KINDS, INCLUDING PAINTS IN PULVERIZED FORM, PREPARED PAINTS, AND OTHER NAMED ITEMS OF PAINTS AND OILS. Class 16.

171,944. PERFECTION. Registered Aug. 14, 1923. Consolidated Rendering Company, Boston, Mass., a corporation of Maine. Renewed Jan. 5, 1948 (Supplemental Register). TALLOW, A BASIC MATERIAL USED IN MAKING SOAP. Class 4.

174,931. PEERLESS. Registered Oct. 23, 1923. Consolidated Rendering Company, Boston, Mass., a corporation of Maine. Renewed Jan. 5, 1948 (Supplemental Register). TALLOW, A BASIC MATERIAL USED IN MAKING SOAP. Class 4.

198,902. SANOCRYSIN. Registered June 2, 1925. Dansk Chemo-Therapeutisk Selskab ved Ferd, Andersen, I. Siesbye & H. Weitzmann. Renewed June 2, 1945 (as provided by P. L. 517, July 17, 1946), to Dansk Chemo-Therapeutisk Selskab A. S., Copenhagen, Denmark, a corporation organized under the laws of Denmark. MEDICINE FOR PHTHISIS. Class 6.

201,555. "THE STAG" ETC. AND REPRESENTATION OF STAG. Registered July 28, 1925. Société Industrielle de Roquefort. Renewed July 28, 1945 (as provided by P. L. 517, July 17, 1946), to Société Anonyme Des Caves Associees, Roquefort, Aveyron, France, a corporation organized under the laws of the Republic of France. CHEESE. Class 46.

225,082. THE MILKY WAY. Registered Mar. 8, 1927. The Milky-Way Company, Inc., Chicago, Ill. Renewed Mar. 8, 1947, to Mary E. Hall, New York, N. Y., assignor to Katherine Martin, Inc., a corporation of New York. MASSAGE AND CLEANSING CREAM, AND A FACIAL BLEACH PACK. Class 6.

228,333. "ANCHOR BRAND" AND REPRESENTATION OF ANCHOR. Registered May 31, 1927. Garden City Laboratory. Renewed May 31, 1947, to Pritchardsons', Chicago, Ill., a copartnership. SOLDERING FLUX. Class 6.

230,938. POULTRY TRIBUNE. Registered Aug. 9, 1927. Poultry Tribune Company, Mount Morris and Chicago, Ill. Renewed Aug. 9, 1947, to Watt Publishing Co., Mount Morris, Ill., a corporation of Illinois. MONTHLY MAGAZINE. Class 38.

233,919. CLAYETTE. Registered Oct. 11, 1927. Bernard Goldenhorn, doing business as Chavant Mfg. Co. Renewed Oct. 11, 1947, to Joseph F. Marra, doing business as Chavant Manufacturing Co., Jersey City, N. J. PLASTIC MODELING MATERIAL. Class 1.

234,040. ALCO-FLOC. Registered Oct. 18, 1927. Aluminum Ore Company. Renewed Oct. 18, 1947, to Aluminum Ore Company, Pittsburgh, Pa., a corporation of Delaware. CHEMICAL COMPOSITION FOR USE IN THE PURIFICATION OF WATER. Class 6.

236,745. FANCHON. Registered Dec. 20, 1927. The Tebbetts & Garland Store. Renewed Dec. 20, 1947, to Hillman's, Inc., Chicago, Ill., a corporation of Illinois. CANDY. Class 46.

238,440. STAR PATHFINDER. Registered Feb. 7, 1928. Gustave A. Salzgeber, doing business as Star Compass Company, Dorchester, Mass. Renewed Feb. 7, 1948, to Gustave A. Salzgeber, doing business as Star Compass Co., Milton, Mass. MAGNETIC COMPASSES. Class 26.

238,588. KRASNY. Registered Feb. 14, 1928. Luxor, Limited. Renewed Feb. 14, 1948, to Armour and Company, Chicago, Ill., a corporation of Illinois. COLD AND CLEANSING CREAM, TISSUES CREAM, VANISHING CREAM, ETC. Class 6.

238,658. "AIRY FAIRY" AND REPRESENTATION OF SLICED CAKE. Registered Feb. 14, 1928. Commander Larabee Cereal Company, Chicago, Ill. Renewed Feb. 14, 1948, to Commander-Larabee Milling Company, Minneapolis, Minn., a corporation of Delaware. CAKE FLOUR. Class 46.

239,151. "REX" ETC. AND REPRESENTATION OF A FISH. Registered Feb. 21, 1928. M. A. Rex, Los Angeles, Calif. Renewed Feb. 21, 1948. CANNED SARDINES (FISH). Class 46.

239,662. BURTAMEL. Registered Mar. 6, 1928. Wallerstein Company, Inc., New York, N. Y., a corporation of New York. Renewed Mar. 6, 1948. CHILLPROOF CARAMEL COLOR. Class 6.

240,221. SUPRAMEL. Registered Mar. 20, 1928. Wallerstein Company, Inc., New York, N. Y., a corporation of New York. Renewed Mar. 20, 1948. SUGAR-CARAMEL COLOR. Class 6.

240,356. THE KING OF MINNESOTA. Registered Mar. 27, 1928. Empire Milling Company. Renewed Mar. 27, 1948, to Commander-Larabee Milling Company, Minneapolis, Minn., a corporation of Delaware. WHEAT FLOUR. Class 46.

240,487. "WIRELESS" AND DRAWING. Registered Mar. 27, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed Mar. 27, 1948. SELF-RISING WHEAT FLOUR. Class 46.

240,488. "NIFTY" AND REPRESENTATION OF A BABY BOY ENCLOSED BY TRIANGULAR DESIGN. Registered Mar. 27, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed Mar. 27, 1948. WHEAT FLOUR. Class 46.

240,492. CLARKAT. Registered Mar. 27, 1928. Clark Tractor Company. Renewed Mar. 27, 1948, to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan. TRACTORS. Class 23.

241,093. MAGNOLIA. Registered Apr. 17, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed Apr. 17, 1948. SELF-RISING WHEAT FLOUR. Class 46.

241,158. "WHITE FLYER" AND REPRESENTATION OF A SAILBOAT, ETC. IN CIRCULAR OUTLINE. Registered Apr. 17, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed Apr. 17, 1948. SELF-RISING WHEAT FLOUR. Class 46.

241,159. CATRIONA. Registered Apr. 17, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed Apr. 17, 1948. WHEAT FLOUR. Class 46.

242,025. CHICLE ROSADO. Registered May 8, 1928. Wm. Wrigley Jr. Company. Renewed May 8, 1948 (Supplemental Register) to Wm. Wrigley Jr. Company, Chicago, Ill., a corporation of Delaware. CHEWING GUM. Class 46.

242,310. "BIG 4" AND DESIGN. Registered May 22, 1928. General Water Heater Corporation, Los Angeles, Calif. Renewed May 22, 1948, to General Water Heater Corporation, Burbank, Calif., a corporation of Delaware. GAS-HEATED HOT-WATER SYSTEMS AND HOT-WATER HEATERS. Class 34.

242,333. "ALABAMA MAID". Registered May 22, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed May 22, 1948. SELF-RISING WHEAT FLOUR. Class 46.

242,589. LADY CLEMENTINE. Registered May 29, 1928. The Tebbetts & Garland Store. Renewed May 29, 1948, to Hillman's, Inc., Chicago, Ill., a corporation of Illinois. MINT WHIPS, CHOCOLATE CREAMS, ALMOND PASTE, SPAGHETTI, AND MACARONI, CANNED GOODS, AND OTHER NAMED GOODS. Class 46.

243,004. RADIO ENGINEERING. Registered June 12, 1928. Radio Engineering Magazine, Inc. Renewed June 12, 1948, to Bryan Davis Publishing Co., Inc., New York, N. Y., a corporation of New York. MONTHLY MAGAZINE. Class 38.

243,057. MEL'O. Registered June 12, 1928. The Hygienic Products Company, Canton, Ohio, a corporation of Ohio. Renewed June 12, 1948. WATER SOFTENER. Class 6.

243,138. BRITEX. Registered June 12, 1928. Britex Awning Cloth Co. Inc., Richmond Hill, N. Y. Renewed June 12, 1948, to Britex Awning Cloth Co. Inc., Glendale, N. Y., a corporation of New York. AWNING CLOTH. Class 42.

243,158. TELITA. Registered June 12, 1928. Carl Zeiss, Jena, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him June 12, 1948. TELESCOPES, FIELD GLASSES. Class 26.

243,232. DUCHESS. Registered June 12, 1928. Arthur Bott, Little Rock, Ark. Renewed June 12, 1948. BAKERY GOODS—NAMELY, FRUIT CAKES. Class 46.

243,236. GALAN. Registered June 12, 1928. Carl Zeiss, Jena, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him June 12, 1948. TELESCOPES, FIELD GLASSES. Class 26.

243,246. "NUTRENA" AND DESIGN LINED FOR GOLDEN COLOR. Registered June 12, 1928. Nutrena Feed Mills, Inc., Kansas City, Kans. Renewed June 12, 1948, to Nutrena Mills Inc., Minneapolis, Minn., a corporation of Kansas. STOCK AND POULTRY FEEDS. Class 46.

243,316. PIPPINS. Registered June 19, 1928. Albany Packing Co., Inc., West Albany, N. Y. Renewed June 19, 1948, to Tobin Packing Co., Inc., Rochester, N. Y., a corporation of Delaware. FRESH, CURED, AND SMOKED PORK SAUSAGE. Class 46.

243,466. PEARL-TONE. Registered June 19, 1928. The French Ivory Products Limited, Toronto, Ontario, Canada, a company organized under the laws of the Province of Ontario. Renewed June 19, 1948 (Supplemental Register). PYROXYLIN PRODUCTS IN THE FORM OF TOILET ARTICLES SUCH AS CONTAINERS FOR JEWELS, PINS, PUFFS, ETC. Class 2.

243,518. REPRESENTATION OF SEAL AND RIBBONS. Registered June 26, 1928. Albany Packing Co., Inc., West Albany, N. Y. Renewed June 26, 1948, to Tobin Packing Co., Inc., Rochester, N. Y., a corporation of Delaware. SAUSAGE; FRESH, CURED AND SMOKED PORK AND BEEF; LARD, BUTTER, EGGS, AND CHEESE. Class 46.

243,881. "KNOBBY KRAFT" AND DESIGN. Registered July 3, 1928. Lester W. Nerney, doing business as The Knobby Krafters. Renewed July 3, 1948, to Knobby Krafters, Attleboro, Mass., a partnership. BRACELETS, BROOCHES, LINGERIE FASTENERS, CUFF PINS, BAR PINS, ETC. Class 28.

244,001. VARSOL. Registered July 3, 1928. Standard Oil Company of New Jersey, Wilmington, Del. Renewed July 3, 1948, to Esso Standard Oil Company, New York, N. Y., a corporation of Delaware. REFINED, SEMIREFINED, AND UNREFINED OILS MADE FROM PETROLEUM, BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL OILS, FOR ILLUMINATING, BURNING, POWER, FUEL, AND LUBRICATING PURPOSES AND LUBRICATING GREASES. Class 15.

244,117. 999. Registered July 10, 1928. The Howell Company, Inc., New Orleans, La., a corporation of Louisiana. Renewed July 10, 1948. PREPARATION FOR CHILLS, FEVER, COLDS, AND LA GRIPPE. Class 6.

244,207. "PINEE" AND DESIGN. Registered July 17, 1928. Julian F. Thornton, doing business as The Pinee Chemical Co. Renewed July 17, 1948, to Pinee Chemical Company, Kinston, N. C., a firm. ANTISEPTICS. Class 6.

244,436. "WHITE VALLEY" AND SCENIC DESIGN. Registered July 17, 1928. Blish Milling Company, Seymour, Ind., a corporation of Indiana. Renewed July 17, 1948. SELF-RISING FLOUR. Class 46.

244,587. IMPERIAL. Registered July 24, 1928. The Red "C" Oil Company, Baltimore, Md. Renewed July 24, 1948, to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania. ILLUMINATING OIL AND GASOLINE. Class 15.

244,615. REPRESENTATION OF LEAD CONDUCTOR WIRE LINED FOR GREEN AND YELLOW COLORS. Registered July 24, 1928. The Federal Gauge Co. Renewed July 24, 1948, to The Mercoid Corporation, Chicago, Ill., a corporation of Delaware. LEAD WIRES FOR ELECTRICAL CONNECTIONS TO MERCURY-TUBE SWITCHES. Class 21.

244,616. FOOTMOULD. Registered July 24, 1928. Gimbel Brothers, Inc., New York, N. Y., a corporation of New York. Renewed July 24, 1948. LEATHER AND COMBINATION LEATHER AND FABRIC SHOES. Class 39.

244,817. PATROL. Registered July 31, 1928. The Cleveland Heater Company, Cleveland, Ohio, a corporation of Ohio. Renewed July 31, 1948. METAL PIPE FITTINGS, VALVES, COCKS, RELIEF VALVES, REGULATING VALVES, AND CONTROL VALVES. Class 13.

244,904. "RECORD" AND PICTURESQUE DESIGN. Registered July 31, 1928. Emmental Cheese Corporation, New York, N. Y., a corporation of New York. Renewed July 31, 1948. CHEESE. Class 46.

244,905. "EMMENTAL" AND REPRESENTATION OF BUILDING AND MOUNTAIN. Registered July 31, 1928. Emmental Cheese Corporation, New York, N. Y., a corporation of New York. Renewed July 31, 1948. CHEESE. Class 46.

245,190. "MILLER" AND DESIGN. Registered Aug. 7, 1928. The Miller Rubber Company. Renewed Aug. 7, 1948, to The B. F. Goodrich Company, Akron, Ohio, a corporation of New York. STOMACH TUBES, BREAST PUMPS, COMBINATION SYRINGE OUTFITS, ICE CAPS, THROAT BAGS, ETC. Class 44.

245,262. CON-TRAK-TOR. Registered Aug. 7, 1928. United States Rubber Company, New York, N. Y., a corporation of New Jersey. Renewed Aug. 7, 1948. RUBBER TIRES FOR VEHICLES. Class 35.

245,654. RISERTHERM. Registered Aug. 21, 1928. The Federal Gauge Company. Renewed Aug. 21, 1948, to The Mercoid Corporation, Chicago, Ill., a corporation of Delaware. ELECTRIC CONTROLS FOR ELECTRIC SWITCHES, TEMPERATURE-OPERATED ELECTRIC SWITCHES, PRESSURE-OPERATED ELECTRIC SWITCHES, ETC. Class 21.

245,655. RISERSTAT. Registered Aug. 21, 1928. The Federal Gauge Company. Renewed Aug. 21, 1948, to The Mercoid Corporation, Chicago, Ill., a corporation of Delaware. ELECTRIC CONTROLS FOR ELECTRIC SWITCHES, TEMPERATURE-OPERATED ELECTRIC SWITCHES, ETC. Class 21.

245,847. "ELLIOTT" AND RECTANGULAR BACKGROUND DESIGN. Registered Aug. 21, 1928. Elliott Knitting Mills, Inc., Hickory, N. C., a corporation of North Carolina. Renewed Aug. 21, 1948. HOSIERY. Class 39.

245,855. "MILLER" AND DESIGN. Registered Aug. 21, 1928. The Miller Rubber Company. Renewed Aug. 21, 1948, to The B. F. Goodrich Company, Akron, Ohio, a corporation of New York. PNEUMATIC TIRES AND INNER TUBES THEREFOR, CUSHION TIRES, TUBE REPAIR KITS, TIRE FLAPS, ETC. Class 35.

246,132. "DERMATOX" AND OUTLINE DESIGN. Registered Sept. 4, 1928. Morris Noveck, doing business as Dermatox Chemical Co., New Britain, Conn. Renewed Sept. 4, 1948. SKIN LOTION AND AN ANTISEPTIC TOILET CREAM FOR THE TREATMENT OF DISEASES AND AFFECTIONS OF THE SKIN, INCLUDING ECZEMA AND SUNBURN. Class 6.

246,347. SAFEX. Registered Sept. 4, 1928. The Naugatuck Chemical Company. Renewed Sept. 4, 1948, to United States Rubber Company, New York, N. Y., a corporation of New Jersey. DINITROPHENYL DIMETHYL DITHIOCARBAMATE, A CHEMICAL FOR USE IN COMPOUNDING RUBBER. Class 6.

246,386. REPRESENTATION OF CROSS SECTION OF A MUFFLE. Registered Sept. 4, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Sept. 4, 1948. BURNERS USING GAS, OIL, AND OTHER FUELS; FURNACES FOR BOTH LABORATORY AND INDUSTRIAL PURPOSES, PARTICULARLY ASSAY FURNACES, MELTING FURNACES, ETC. Class 34.

246,413. SUNPROOF. Registered Sept. 4, 1928. The Naugatuck Chemical Company. Renewed Sept. 4, 1948, to United States Rubber Company, New York, N. Y., a corporation of New Jersey. CHEMICAL PREPARATION FOR USE IN COMPOUNDING RUBBER. Class 6.

246,452. "PROPR-BILT" AND HEAVY UNDERLINE. Registered Sept. 4, 1928. The Pioneer Shoe Manufacturing Company, Kansas City, Mo. Renewed Sept. 4, 1948 (Supplemental Register), to O'Donnell Shoe Corporation, Humboldt, Tenn., a corporation of Tennessee. LEATHER SHOES AND BOOTS. Class 39.

246,822. REPRESENTATION OF CROSS SECTION OF A MUFFLE. Registered Sept. 18, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Sept. 18, 1948. AIR BLOWERS, CRUSHERS FOR ROCK ORE AND THE LIKE FOR BOTH LABORATORY AND INDUSTRIAL PURPOSES, AND CUPEL MACHINES FOR MOLDING CUPELS. Class 23.

246,823. "DFC" AND DESIGN. Registered Sept. 18, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Sept. 18, 1948. AIR BLOWERS, CRUSHERS FOR ROCK ORE AND THE LIKE FOR BOTH LABORATORY AND INDUSTRIAL PURPOSES, AND CUPEL MACHINES FOR MOLDING CUPELS. Class 23.

246,824. "DFC" AND DESIGN. Registered Sept. 18, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Sept. 18, 1948. SIEVES OF METAL AND WIRE CLOTH FOR TESTING AND LABORATORY USE, GRAPHITE CRUCIBLES (MELTING TYPE), ETC. Class 26.

247,125. SPORTS OF THE TIMES. Registered Sept. 18, 1928. The New York Times Company, New York, N. Y., a corporation of New York. Renewed Sept. 18, 1948. NEWSPAPER SECTION. Class 38.

247,149. REPRESENTATION OF CROSS SECTION OF A MUFFLE. Registered Sept. 18, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Sept. 18, 1948. SIEVES OF METAL AND WIRE CLOTH FOR TESTING AND LABORATORY USE, GRAPHITE CRUCIBLES (MELTING TYPE), ETC. Class 26.

247,186. REPRESENTATION OF A SEATED FIGURE ENCLOSED BY CIRCULAR DESIGN. Registered Sept. 25, 1928. Frank W. Gorse Co., Needham, Mass. Renewed Sept. 25, 1948, to Frank W. Gorse Company, Needham Heights, Mass., a corporation of Massachusetts. COVERED RUBBER THREAD. Class 43.

247,337. "MILLER" AND DESIGN. Registered Sept. 25, 1928. The Miller Rubber Company. Renewed Sept. 25, 1948, to The B. F. Goodrich Company, Akron, Ohio, a corporation of New York. BATHING CAPS, HOUSEHOLD APRONS, RUBBER OVERSHOES, RUBBER GLOVES FOR HOUSEHOLD USE, ETC. Class 39.

247,436. ENTERITE. Registered Sept. 25, 1928. General Cable Corporation, New York, N. Y., a corporation of New Jersey. Renewed Sept. 25, 1948. BARE AND INSULATED ELECTRICAL WIRES AND CABLES. Class 21.

248,261. NORWICH. Registered Oct. 16, 1928. The Norwich Pharmacal Company, Norwich, N. Y., a corporation of New York. Renewed Oct. 16, 1948. ALTERATIVES, ANALGESICS, ANAPHRODISIACS, ANAESTHETICS, ANODYNES, ANTACIDS, ETC. Class 6.

248,295. "FARMER" AND REPRESENTATION OF A FARMER SOWING SEEDS. Registered Oct. 16, 1928. Farmer Seed & Nursery Co., Faribault, Minn., a corporation of Minnesota. Renewed Oct. 16, 1948. FIELD, FARM, AND GARDEN SEEDS. Class 1.

248,504. HUR-MON. Registered Oct. 23, 1928. Cedar Rapids Bottling Works, Cedar Rapids, Iowa, a corporation of Iowa. Renewed Oct. 23, 1948. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS—VIZ, GINGER ALE, ROOT BEER, CREAM SODA, ETC. Class 45.

248,922. PROMAL AND DESIGN. Registered Nov. 6, 1928. Link-Belt Company, Chicago, Ill., a corporation of Illinois. Renewed Nov. 6, 1948. HEAT-TREATED FERROUS METALS. Class 14.

249,043. STOCKAID. Registered Nov. 6, 1928. Rex Research Corporation, Toledo, Ohio, a corporation of Delaware. Renewed Nov. 6, 1948. INSECTICIDE AND INSECT REPELLENT. Class 6.

249,294. "JOHN COTTON'S SMOKING TOBACCO" ETC. AND DESIGN. Registered Nov. 13, 1928. John Cotton Limited, Edinburgh, Scotland, a corporation organized under the laws of Great Britain. Renewed Nov. 13, 1948. SMOKING TOBACCO. Class 17.

249,329. EXTRACTOR. Registered Nov. 13, 1928. Klink Citrus Association, Klink, Calif. Renewed Nov. 13, 1948, to Klink Citrus Association, Ivanhoe, Calif., a corporation of California. FRESH ORANGES, FRESH LEMONS, AND FRESH GRAPEFRUIT. Class 46.

249,544. "DR C. W. PARKER" AND PORTRAIT. Registered Nov. 20, 1928. Edgar W. Parker, doing business as Dr. Parker Medicine Co., Tampa, Fla. Renewed Nov. 20, 1948, to William E. Marsh, doing business as Dr. Parker Medicine Company, Chicago, Ill. GENERAL VITALIZING TONIC IN TABLET FORM. Class 6.

249,578. "GLOBE" AND REPRESENTATION OF A GLOBE. Registered Nov. 20, 1928. The Globe Clothiers, Tulsa, Okla., a corporation of Oklahoma. Renewed Nov. 20, 1948. NECKTIES. Class 39.

249,638. KALPINOL. Registered Nov. 20, 1928. Kali Manufacturing Co., Philadelphia, Pa., a corporation of Pennsylvania. Renewed Nov. 20, 1948. SOLUBLE PINE OIL USED AS A DISINFECTANT AND FOR CLEANING PURPOSES. Class 6.

249,842. "THE CELEBRATED C & K HAT" AND REPRESENTATION OF SIGNS OF THE ZODIAC. Registered Nov. 20, 1928. The Crofut & Knapp Co., South Norwalk, Conn. Renewed Nov. 20, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware. HATS FOR MEN. Class 39.

249,985. 24–A. Registered Nov. 27, 1928. Mueller Electric Co., Cleveland, Ohio, a partnership. Renewed Nov. 27, 1948. CONNECTION CLIPS. Class 21.

250,026. TEMPALOY. Registered Nov. 27, 1928. The American Brass Company, Waterbury, Conn., a corporation of Connecticut. Renewed Nov. 27, 1948. BRONZE INGOTS, CASTINGS, PRESSED PARTS, SHEETS, WIRE, AND RODS. Class 14.

250,027. "TEMPALOY" ENCLOSED BY OVAL OUTLINE. Registered Nov. 27, 1928. The American Brass Company, Waterbury, Conn., a corporation of Connecticut. Renewed Nov. 27, 1948. BRONZE INGOTS, CASTINGS, PRESSED PARTS, SHEETS, WIRE, AND RODS. Class 14.

250,078. "BLACK CHAMPION" AND REPRESENTATION OF BIRD ENCLOSED BY CIRCULAR DESIGN. Registered Nov. 27, 1928. United States Whip Company, doing business as U. S. Line Company, Westfield, Mass., a corporation of Maine. Renewed Nov. 27, 1948. FISHING LINES. Class 22.

250,265. LEVI'S. Registered Dec. 4, 1928. Levi Strauss & Company, San Francisco, Calif., a corporation of California. Renewed Dec. 4, 1948. OVERALLS. Class 39.

250,562. VARSOL. Registered Dec. 11, 1928. Standard Oil Company of New Jersey, Wilmington, Del. Renewed Dec. 11, 1948, to Esso Standard Oil Company, New York, N. Y., a corporation of Delaware. HYDROCARBON SOLVENTS IN THE NATURE OF TURPENTINE SUBSTITUTES. Class 16.

250,866. VARSOL. Registered Dec. 18, 1928. Standard Oil Company of New Jersey, Wilmington, Del. Renewed Dec. 18, 1948, to Esso Standard Oil Company, New York, N. Y., a corporation of Delaware. HYDROCARBON SOLVENTS FOR CLEANING AND DETERGENT PURPOSES. Class 4.

TRADE-MARK REGISTRATIONS CANCELED

187,917. RID-JID. Registered Aug. 12, 1924. The J. R. Clark Company, Minneapolis, Minn. IRONING TABLES. Class 24. Canceled Aug. 18, 1948.

230,289. RID-JID. Registered July 19, 1927. The J. R. Clark Company, Minneapolis, Minn. STEPLADDERS AND STEPLADDER STOOLS. Class 50. Canceled Aug. 18, 1948.

348,690. SLEET-KING AND DESIGN. Registered Aug. 3, 1937. The Sleetex Company, Inc., New York, N. Y. VEHICLE WINDSHIELD WIPER BLADES. Class 19. Canceled Aug. 11, 1948.

353,964. SLEET KING. Registered Jan. 25, 1938. The Sleetex Co. Inc., New York, N. Y. VEHICLE WINDSHIELD WIPER BLADES. Class 19. Canceled Aug. 11, 1948.

364,838. RAIN-CHIEF. Registered Feb. 14, 1939. Sleetex Company, Inc., New York, N. Y. WINDSHIELD WIPER BLADES. Class 19. Canceled Aug. 11, 1948.

415,505. BOROLOY. Registered Aug. 7, 1945. General Aircraft Equipment, Inc., South Norwalk, Conn. METAL CUTTING MACHINE TOOLS—NAMELY, SOLID TOOL BITS, ETC. Class 23. Canceled Aug. 11, 1948.

434,018. ESTRON. Registered Nov. 4, 1947. Tennessee Eastman Corporation, Kingsport, Tenn. SYNTHETIC STAPLE FIBER. Class 1. Canceled Aug. 11, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

97,057. JOHNSONS LA FAMA. Registered May 19, 1914. Johnson Biscuit Company, Sioux City, Iowa. CHOCOLATES. Class 46. Corrected as follows: In the statement, line 1, "we" should be deleted; line 2, "firm" should be *corporation*; lines 5 to 9, "composed of the following members, Northrup R. Johnson, Edward P. Johnson, Elmer L. Johnson, Martin C. Johnson, and William G. Schroer, citizens of the United States of America" should be *organized and existing under the laws of the State of Iowa*; line 10, "have" should be *has*; and at the end of the statement "A Member of the Firm" should be *Treasurer*. In the declaration, lines 2 and 3, "a member of the firm" should be *treasurer*; and in lines 6 and 14, "firm" should be *corporation*.

231,097. RESERVE. Registered Aug. 9, 1927. Godchaux Sugars Inc., Reserve, La. CANE-SUGAR SIRUPS. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "Louisiana" should be *New York*.

263,661. PROVEN CHICK STARTER. Registered Nov. 5, 1929. Albers Bros. Milling Co., San Francisco, Calif. POULTRY FOODS. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "California" should be *Oregon*.

266,004. PROVEN PULLET GROWER. Registered Jan. 7, 1930. Albers Bros. Milling Co., San Francisco, Calif. POULTRY FOODS. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "California" should be *Oregon*.

500,492. PARIMODE. Registered June 1, 1948. Consolidated Retail Stores, Inc., St. Louis, Mo. SHOES CONSTRUCTED OF COMBINATIONS OF LEATHER, RUBBER AND FABRIC. Class 39. Corrected as follows: In the statement, line 18, *by applicant's predecessor in title* should be inserted after "1927"; and in line 20, *by said predecessor* should be inserted after "1927".

500,493. BEVERLY. Registered June 1, 1948. Consolidated Retail Stores, Inc., St. Louis, Mo. SHOES CONSTRUCTED OF COMBINATIONS OF LEATHER, RUBBER, AND FABRIC. Class 39. Corrected as follows: In the statement, line 18, *by applicant's predecessor in title* should be inserted after "1925"; and in line 20, *by said predecessor* should be inserted after "1925".

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 233,102. Registered Sept. 20, 1927. THE CELASTIC CORPORATION, Wilmington, Del., and Arlington, N. J., a corporation of Delaware. Republished by registrant, present location Arlington, N. J.

CELASTIC

FOR PARTLY PREPARED PRODUCT CONSISTING OF FABRIC IMPREGNATED WITH A STIFFENING SUBSTANCE.
Claims use since 1919.

Reg. No. 241,539. Registered May 1, 1928. THE RELIABLE COAL AND SUPPLY COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.

IGNITO LUMP

No claim is made to the word "Lump" apart from the mark as shown.
FOR COAL.
Claims use since Apr. 1, 1925.

Reg. No. 246,488. Registered Sept. 11, 1928. AMES GRAIN AND COAL COMPANY, Ames, Iowa, a corporation of Iowa. Republished by registrant.

CARBON KING

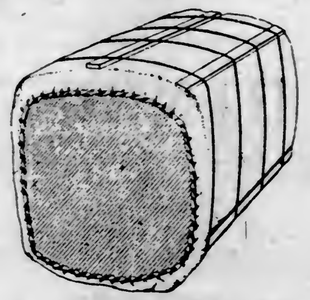
FOR COAL.
Claims use since 1917.

Reg. No. 325,273. Registered June 18, 1935. DELTA COAL MINING COMPANY, Chicago, Ill. Republished by Delta Collieries Corporation, Indianapolis, Ind., a corporation of Indiana.



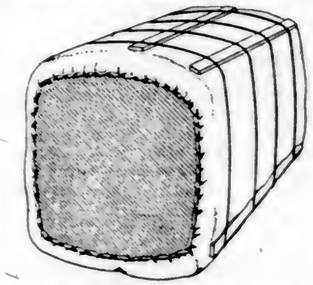
The words "Saline County, Ill.," "Coal," and "Quality Ages Old" are disclaimed apart from the mark as shown.
FOR COAL.
Claims use since Sept. 1, 1934.

Reg. No. 366,428. Registered Apr. 11, 1939. ATKINS & DURBROW, INC., New York, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for the color brown. The representation of the bale is disclaimed apart from the mark as shown.
FOR PEAT MOSS.
Claims use since Sept. 25, 1932.

Reg. No. 366,429. Registered Apr. 11, 1939. ATKINS & DURBROW, INC., New York, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for the color green. The representation of the bale is disclaimed apart from the mark as shown.

FOR PEAT MOSS.

Claims use since Sept. 25, 1932.

Reg. No. 397,687. Registered Sept. 15, 1942. FAIRVIEW COLLIERIES CORPORATION, Indianapolis, Ind. Republished by Fairview Collieries Corporation, Indianapolis, Ind., a corporation of Indiana.



The words "Washed Coal" and "Fulton Co., Ill." are disclaimed apart from the mark as shown.

FOR COAL.

Claims use since Jan. 10, 1942.

Reg. No. 418,999. Registered Jan. 15, 1946. PHILADELPHIA SEED CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

BINGO

FOR GRASS, FIELD AND AGRICULTURAL SEEDS.

Claims use since Dec. 31, 1892.

Reg. No. 419,101. Registered Feb. 5, 1946. WITCO CHEMICAL COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WITCOGUM

FOR POLYMERIZED VEGETABLE OIL USED AS A RUBBER SUBSTITUTE.

Claims use since March 1942.

Reg. No. 427,238. Registered Feb. 4, 1947. THE GREER-HALE CHINCHILLA RANCH, New Market, Va., a co-partnership. Republished by registrant.

SOFT GOLD

The word "Soft" is disclaimed apart from the mark as shown.

FOR LIVE CHINCHILLAS AND CHINCHILLA PELTS.

Claims use since 1942.

CLASS 2

RECEPTACLES

Reg. No. 267,399. Registered Feb. 18, 1930. WM. FILENE'S SONS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Filene's

FOR SEWING BASKETS AND BOXES, BAGS OF TEXTILE MATERIALS FOR HOLDING LAUNDRY, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.

Claims use since on or about Jan. 1, 1928.

Reg. No. 280,826. Registered Mar. 3, 1931. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

DEODORATOR

FOR WALL DIFFUSERS FOR DEODORIZING BLOCS.

Claims use since January 1927.

Reg. No. 289,251. Registered Nov. 24, 1931. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

AQUATONE

FOR PAPER BAGS AND CARTONS.

Claims use since Dec. 2, 1929.

Reg. No. 365,218. Registered Feb. 28, 1939. DETROIT PAPER PRODUCTS CORPORATION, Hamtramck, Mich. Republished by Inland Container Corporation, Indianapolis, Ind., a corporation of Indiana.

TAKE HOME PACK

The word "Pack" is disclaimed apart from the mark as shown.

FOR EMPTY CARDBOARD PORTABLE CONTAINERS FOR BOTTLES.

Claims use since Aug. 27, 1938.

Reg. No. 431,584. Registered July 29, 1947. MILWAUKEE LACE PAPER COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Beakies

FOR PAPER CUPS.

Claims use since July 11, 1945.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 420,425. Registered Apr. 9, 1946. PYRAMID LEATHER GOODS CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

PYRAMID

FOR LADIES', MISSES', AND CHILDREN'S HANDBAGS OF LEATHER, FABRIC AND COMBINATIONS THEREOF.

Claims use since July 8, 1924.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

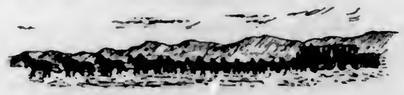
Reg. No. 50,383. Registered Mar. 13, 1906. PACIFIC COAST BORAX COMPANY, San Francisco, Calif. Republished by Pacific Coast Borax Company, New York, N. Y., a corporation of Nevada.

20-MULE-TEAM

FOR BORAX SOAP.

Claims use since about 1896.

Reg. No. 50,555. Registered Mar. 20, 1906. PACIFIC COAST BORAX COMPANY, San Francisco, Calif. Republished by Pacific Coast Borax Company, New York, N. Y., a corporation of Nevada.



FOR BORAX SOAP.

Claims use since about 1896.

Reg. No. 53,307. Registered May 29, 1906. CLING-SURFACE COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.

CLING-SURFACE

FOR PRESERVATIVES AND FILLERS FOR BELTS.

Claims use since about the month of February 1896.

Reg. No. 246,955. Registered Sept. 18, 1928. THE MENTHOLATUM COMPANY, Wichita, Kans., and Buffalo, N. Y., a corporation of Delaware. Republished by registrant, present location Buffalo, N. Y.

MENTHOLATUM

FOR SHAVING CREAM FOR USE BEFORE SHAVING, AND SOAP SHAMPOO.

Claims use since June 15, 1927.

Reg. No. 303,543. Registered May 30, 1933. ANDREW C. CAMPBELL, INC., Bridgeport, Conn. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.

HUDORDISC

FOR ABRASIVE WHEELS.

Claims use since Jan. 16, 1933.

Reg. No. 370,247. Registered Aug. 22, 1939. H. E. BUTT GROCERY COMPANY, Harlingen and Corpus Christi, Tex., a corporation of Texas. Republished by registrant.

H. E. B.

FOR SOAP CHIPS AND A CLEANSER FOR GENERAL HOUSEHOLD USE.

Claims use since Feb. 23, 1939.

Reg. No. 378,824. Registered June 18, 1940. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

HANDEEZ



FOR SOAP.

Claims use since Jan. 15, 1940.

Reg. No. 384,146. Registered Jan. 7, 1941. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.



FOR SOAPS, CLEANING PREPARATIONS FOR FLOORS, LINOLEUM, AND VARNISHED SURFACES, WINDOWS, WINDSHIELDS, CLOSET BOWLS, SINKS,

WOODWORK, TILE, MONUMENTS, METAL CLEANER AND POLISH, AND A GENERAL DETERGENT, DISH WASHING COMPOUNDS, SWEEPING COMPOUND, AND A SPRAY AND FLOOR WASH, HAVING INCIDENTAL DEODORANT PROPERTIES.
Claims use since May 1938.

Reg. No. 390,074. Registered Sept. 9, 1941. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

BRITEWAY

FOR LIQUID CLEANER FOR FLOORS, TILE, WINDOWS, PAINTED WALLS, WOODWORK, AND SIMILAR USES.
Claims use since May 1936.

Reg. No. 408,475. Registered Aug. 15, 1944. R. R. HULSH, doing business as Nabs-Oyle Co., Chicago, Ill. Republished by Nabs-Oyle Corporation, Chicago, Ill., a corporation of Illinois.

NABS-OYLE

The word "Oyle" is disclaimed apart from the mark as shown.
FOR DRYING-UP AND ABSORBENT MINERAL COMPOUND FOR DRYING UP OILS AND USED AS AN ANTI-SLIP OIL ABSORBENT COMPOUND AND AS SWEEPING COMPOUND.
Claims use since June 1943.

CLASS 5

ADHESIVES

Reg. No. 72,172. Registered Jan. 5, 1909. RUSSIA CEMENT COMPANY, Gloucester, Mass. Republished by Le Pages, Inc., Gloucester, Mass., a corporation of Massachusetts.

LEPAGE'S

FOR LIQUID GLUE, MUCILAGE, AND ADHESIVE PASTE.
Claims use since 1880.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 144,796. Registered July 19, 1921. THE HOLLANDER-KOSHLAND CO., Baltimore, Md. Republished by The Maryland Pharmacentical Company, Baltimore, Md., a corporation of Maryland.

REM

FOR MEDICINE FOR THE TREATMENT OF COUGHS AND COLDS.
Claims use since July 19, 1920.

Reg. No. 160,173. Registered Oct. 17, 1922. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

Tink

FOR PRODUCT FOR CLEANING OUT WASTE, DRAIN, OR STOPPED UP PIPES.
Claims use since about June 14, 1921.

Reg. No. 170,031. Registered July 10, 1923. R. J. STRASENBURGH COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

VITAMEXOL

FOR TONIC FOR USE IN CONNECTION WITH CONVALESCENCE, ANAEMIA, MALNUTRITION OF CHILDREN, SENILE DEBILITY AND NEURASTHENIA.
Claims use since Mar. 20, 1919.

Reg. No. 191,480. Registered Nov. 11, 1924. THE F. W. FITCH COMPANY, Des Moines, Iowa, a corporation of Iowa. Republished by registrant.

Lafoma Tonique

The word "Tonique" is disclaimed apart from the mark as shown.
FOR HAIR TONIC.
Claims use since Mar. 12, 1924.

Reg. No. 205,732. Registered Nov. 17, 1925. FLORENCE N. LEWIS, doing business as Elizabeth Arden, New York, N. Y. Republished by Elizabeth Arden Sales Corporation, New York, N. Y., a corporation of Delaware.

VELVA

FOR TOILET LOTIONS, FACE AND SKIN CREAMS; PERFUMES; FACE POWDERS, RUBBING ALCOHOLS, OINTMENTS FOR THE ALLEVIATION OF SUNBURNS, SACHETS, MUSCLE OILS, ROUGE, LIP PENCILS, LIP SALVE, EYEBROW PENCILS, LIP PASTE, EYEBROW MUCILAGE, HAIR TONIC, HAIR OINTMENT, HAIR POMADE, SHAMPOO POWDERS, BATH SALTS, DEPILATORY, AND HAIR ERADICATORS.
Claims use since January 1910.

Reg. No. 227,879. Registered May 17, 1927. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

LA FLEUR BIEN AIMEE

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIPSTICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN ANR HAIR, POWDER AND ROUGE COMPACTS, AND VEGETAL.
Claims use since Jan. 12, 1927.

Reg. No. 233,907. Registered Oct. 11, 1927. E. F. HOUGHTON & Co., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

MYSTOL

FOR OILS OR THE LIKE FOR TREATING COTTON OR OTHER TEXTILE FABRICS.
Claims use since Oct. 8, 1926.

Reg. No. 240,112. Registered Mar. 20, 1928. CHERAMY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BLUE SKIES

FOR PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, COMPACTS, LOTION FOR THE SKIN AND HAIR, VEGETAL, BRILLIANTINE, BANDOLINE, FACE CREAM, ROUGE, LIP STICKS, BATH SALTS, SACHET AND DUSTING POWDER.
Claims use since Oct. 4, 1927.

Reg. No. 268,695. Registered Mar. 18, 1930. R. J. STRASENBURGH COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

CREOTHYOL

FOR MEDICINAL PREPARATION FOR THE RELIEF OF COUGHS AND BRONCHITIS.
Claims use since Nov. 4, 1929.

Reg. No. 280,177. Registered Feb. 10, 1931. ANTONINO R. MARTINO, doing business as Italy Laboratories, New York, N. Y. Republished by Italy Laboratories, Inc., New York, N. Y., a corporation of New York.

DUXIN

FOR HAIR COLOR RESTORER.
Claims use since Oct. 1, 1930.

Reg. No. 281,365. Registered Mar. 17, 1931. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

F. & E. SOLUTION

The word "Solution" is disclaimed apart from the mark as shown.
FOR SOLUTION USED AS A DISINFECTANT AND DEODORIZER.
Claims use since 1912.

Reg. No. 283,876. Registered June 9, 1931. THE F. W. FITCH COMPANY, Des Moines, Iowa, a corporation of Iowa. Republished by registrant.

Fitch's MENTHO PEP FOR AFTER SHAVING The F. W. Fitch Co. DES MOINES IOWA U.S.A.

The words "For After Shaving" and "Des Moines, Iowa," are disclaimed apart from the mark as shown.
FOR AFTER SHAVING LOTION AND HAND LOTION.
Claims use since Aug. 25, 1930.

Reg. No. 287,564. Registered Sept. 29, 1931. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

PURIFEX

FOR CONCENTRATED CHLORINE DISINFECTANT
Claims use since August 1930.

Reg. No. 292,353. Registered Mar. 15, 1932. THE F. W. FITCH CO., Des Moines, Iowa, a corporation of Iowa. Republished by registrant.

LOV LAY

FOR HAIR DRESSING.
Claims use since May 1927.

Reg. No. 295,840. Registered July 12, 1932. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

ALTA-CO

FOR LIQUID DISINFECTANT AND DEODORIZER.
Claims use since 1911.

Reg. No. 298,853. Registered Nov. 8, 1932. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

NOMOLE

FOR PREPARATION FOR EXTERMINATING MOLES.
Claims use since December 1931.

Reg. No. 301,974. Registered Mar. 21, 1933. REED & CARNRICK, Jersey City, N. J., a corporation of New Jersey. Republished by registrant.

ENTACARB

FOR ALKALINE TABLETS FOR USE IN CORRECTING ACID CONDITIONS OF THE STOMACH.
Claims use since Oct. 4, 1932.

Reg. No. 305,415. Registered Aug. 15, 1933. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

Rat-Scat

FOR PREPARATION FOR EXTERMINATING RODENTS.
Claims use since Jan. 11, 1927.

Reg. No. 306,276. Registered Sept. 12, 1933. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

FLI-D-CO



FOR INSECTICIDES.
Claims use since June 1929.

Reg. No. 318,228. Registered Oct. 16, 1934. ANGLO-AMERICAN CHEMICAL CORP., Philadelphia, Pa. Republished by The Lubrizol Corporation, Wickliffe, Ohio, a corporation of Ohio.

ANGLAMOL

FOR CHLORINATED PARAFFINES.
Claims use since May 11, 1934.

Reg. No. 338,411. Registered Sept. 8, 1936. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FOUGÈRE

FOR PERFUMES, EAU VEGETAL, TOILET WATER, AFTER-SHAVING LOTION, SACHETS, SACHET POWDERS.
Claims use since 1899.

Reg. No. 347,327. Registered June 22, 1937. PHILIP WARFMAN, New York, N. Y. Republished by Samuel H. Warfman, New York, N. Y.

bocalav

FOR MOUTH WASH.
Claims use since June 1936.

Reg. No. 356,744. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCO

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since April 1928.

Reg. No. 356,745. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOL

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Mar. 7, 1937.

Reg. No. 356,750. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

TRAGTEX

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since June 22, 1933.

Reg. No. 361,983. Registered Nov. 8, 1938. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

EAU
FLORALE
CONCENTREE

HOUBIGANT

The words "Eau Florale Concentree" are disclaimed apart from the mark as shown.
FOR PERFUME AND TOILET WATER.
Claims use since Mar. 1, 1937.

Reg. No. 363,198. Registered Dec. 13, 1938. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.



FOR PREPARATION FOR CLEANING AND CLEARING STOPPED-UP DRAIN AND SEWER PIPES.
Claims use since June 14, 1921.

Reg. No. 369,782. Registered Aug. 1, 1939. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCO-PEL

FOR CHEMICALS USED AS WATER REPELLENTS.
Claims use since January 1939.

Reg. No. 372,226. Registered Oct. 24, 1939. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELGIN

FOR ALGINATE PRODUCT FOR USE AS A COLLOIDAL AGENT IN COSMETICS AND PHARMACEUTICALS.
Claims use since about Aug. 22, 1938.

Reg. No. 374,872. Registered Jan. 30, 1940. PURITAN COMPRESSED GAS CORPORATION, Kansas City, Mo., a corporation of Missouri. Republished by registrant.



FOR GASES PREPARED FOR MEDICAL PURPOSES, INCLUDING CARBON DIOXIDE, ETHYLENE, HYDROGEN, HELIUM, CYCLOPROPANE, NITROUS OXIDE, OXYGEN, AND VARIOUS MIXTURES THEREOF.
Claims use since Sept. 15, 1934.

Reg. No. 376,772. Registered Apr. 9, 1940. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

VIKOSPRA

FOR DUST SETTLING OIL FOR SETTLING COAL DUST AND THE LIKE.
Claims use since Feb. 1, 1935.

Reg. No. 378,542. Registered June 11, 1940. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

BETAFORM

FOR INSECTICIDES.
Claims use since 1907.

Reg. No. 379,459. Registered July 9, 1940. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOSPUN

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Sept. 17, 1939.

Reg. No. 381,125. Registered Sept. 10, 1940. OSCAR A. BARKE, doing business as Trylon Products Company, Chicago, Ill. Republished by Trylon Products Corporation, Chicago, Ill., a corporation of Illinois.

TRYLON

FOR BATH PREPARATION.
Claims use since Dec. 15, 1939.

Reg. No. 382,263. Registered Oct. 22, 1940. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.



FOR DISINFECTANTS, DEODORANTS, INSECTICIDES, FUNGICIDES, GERMICIDES, PREPARATION FOR KILLING WEEDS, PREPARATION FOR EXTERMINATING ANTS, BEDBUGS, MOSQUITOES, ROACHES, AND MOLES; GARDEN SPRAY FOR ROSES, ORNAMENTALS, AND GARDEN AND ORCHARD CROPS; AND CATTLE SPRAY.
Claims use since May 1938.

Reg. No. 384,261. Registered Jan. 7, 1941. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

SPIX

FOR INSECTICIDES.
Claims use since April 1935.

Reg. No. 384,890. Registered Feb. 4, 1941. ARNOLD, HOFFMAN & Co. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOVEL

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Mar. 31, 1939.

Reg. No. 386,172. Registered Mar. 25, 1941. WALTER B. NISBET, doing business as W. B. Nisbet Company, Los Angeles, Calif. Republished by registrant.

TEBSIN

FOR PRODUCTS FOR TREATING GASTRO-INTESTINAL DISTURBANCES
Claims use since Apr. 19, 1939.

Reg. No. 395,164. Registered May 12, 1942. ABBOTT LABORATORIES, North Chicago, Ill., a corporation of Illinois. Republished by registrant.

OPTI-KAPS

FOR VITAMIN PREPARATIONS.
Claims use since Dec. 10, 1941.

Reg. No. 396,671. Registered July 28, 1942. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

STERIDOL

FOR CUTTING OIL GERMICIDE.
Claims use since Nov. 1, 1941.

Reg. No. 402,839. Registered Aug. 17, 1943. BURROUGHS WELLCOME & Co. (U. S. A.), INC., New York, N. Y., a corporation of New York. Republished by registrant.

'Wellcome'

FOR ASCARIDOLE; ATROPINE SULFATE, U. S. P.; BISMUTH SALICYLATE CREAM WITH CAMPHOR; AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Jan. 1, 1894.

Reg. No. 411,218. Registered Jan. 9, 1945. PARFUMS MASSENET INCORPORATED, New York, N. Y. Republished by George R. Parkinson, New York, N. Y.

LIQUID FLOWERS

FOR PERFUMES AND TOILET WATERS.
Claims use since Apr. 24, 1944.

Reg. No. 417,218. Registered Oct. 16, 1945. PETER L. PESCHEL, Chicago, Ill. Republished by registrant.



The words "Peschel" and "Laboratory Products" are disclaimed apart from the mark as shown.
FOR LAXATIVE CONSISTING OF CASTOR OIL WITH MILK OF MAGNESIA.
Claims use since Aug. 24, 1942.

Reg. No. 428,629. Registered Apr. 1, 1947. THE UPJOHN COMPANY, Kalamazoo, Mich., a corporation of Michigan. Republished by registrant.

P-A-C

FOR MEDICINAL PREPARATION FOR THE TREATMENT OF PAINS, HEADACHES, AND DISCOMFORTS DUE TO COLDS.
Claims use since June 1, 1933.

Reg. No. 428,765. Registered Apr. 1, 1947. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

PERMAX

FOR INSECTICIDES.
Claims use since Oct. 1, 1945.

Reg. No. 431,879. Registered Aug. 12, 1947. DELL ALVOS, Guadalupe, Calif. Republished by registrant.

SULTECH

FOR SULPHUR DIOXIDE.
Claims use since June 1940.

CLASS 7
CORDAGE

Reg. No. 257,243. Registered June 4, 1929. HAZARD WIRE ROPE COMPANY, Wilkes-Barre, Pa. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.



The words "Wire Rope" are disclaimed apart from the mark as shown.
FOR WIRE ROPE.
Claims use since Aug. 20, 1928.

Reg. No. 288,611. Registered Nov. 3, 1931. JANUARY AND WOOD COMPANY, Maysville, Ky., a corporation of Kentucky. Republished by registrant.

HOME-TIES

FOR COTTON TWINE AND CORD.
Claims use since Nov. 15, 1929.

Reg. No. 397,136. Registered Aug. 18, 1942. AMERICAN CHAIN & CABLE COMPANY, INC., Bridgeport, Conn., a corporation of New York. Republished by registrant.

CRESCENT

FOR STRANDED METAL WIRE ROPE AND WIRE CABLE FOR MECHANICAL (NON-ELECTRICAL) PURPOSES.
Claims use since Jan. 5, 1915.

Reg. No. 421,787. Registered June 18, 1946. AMERICAN CHAIN & CABLE COMPANY, INC., New York, N. Y., and Bridgeport, Conn., a corporation of New York. Republished by registrant, present location Bridgeport, Conn.

ACCO-LOC

The word "Loc" is disclaimed apart from the mark as shown.
FOR LENGTHS OF WIRE ROPE PROVIDED WITH SPLICED EYES.
Claims use since Sept. 7, 1945.

CLASS 10
FERTILIZERS

Reg. No. 66,941. Registered Jan. 7, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.

GOOD LUCK

FOR FERTILIZERS.
Claims use since prior to 1898.

Reg. No. 408,834. Registered Aug. 29, 1944. FIDELITY CHEMICAL CORPORATION, Houston, Tex., a corporation of Texas. Republished by registrant.

FIDELITY

FOR FERTILIZERS.
Claims use since on or about Jan. 1, 1906.

CLASS 11
INKS AND INKING MATERIALS

Reg. No. 419,307. Registered Feb. 12, 1946. WITCO CHEMICAL COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FERROX

FOR HYDRATED YELLOW IRON OXIDE USED AS A PIGMENT IN INKS.
Claims use since January 1930.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 283,092. Registered May 19, 1931. STREATOR BRICK COMPANY, Streator, Ill., a corporation of Illinois. Republished by registrant.

Clatex

FOR FACE BRICK.
Claims use since Dec. 11, 1930.

Reg. No. 293,053. Registered Apr. 5, 1932. WESTERN BRICK COMPANY, Danville, Ill., a corporation of Illinois. Republished by registrant.

Mossblende

FOR BRICKS.
Claims use since Oct. 9, 1929.

Reg. No. 296,540. Registered Aug. 9, 1932. WESTERN BRICK COMPANY, Danville, Ill., a corporation of Illinois. Republished by registrant.

WESTMOLD

FOR BRICKS.
Claims use since Mar. 7, 1932.

Reg. No. 362,802. Registered Nov. 29, 1938. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

HIAC

FOR SUPERDUTY FIRE CLAY BRICKS.
Claims use since January 1936.

Reg. No. 362,803. Registered Nov. 29, 1938. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

KAOCEMENT

FOR KAOLIN BASE REFRACTORY BONDING MORTAR.
Claims use since about 1925.

Reg. No. 381,176. Registered Sept. 17, 1940. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

GRCO DRIP POINT

The words "Drip Point" are disclaimed apart from the mark as shown.
FOR SPECIALLY DESIGNED ACID-PROOF BRICK.
Claims use since Feb. 15, 1938.

Reg. No. 411,668. Registered Jan. 30, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ACIDO

FOR STANDARD AND SPECIAL SHAPES OF BRICK AND TILE.
Claims use since June 25, 1925.

Reg. No. 411,669. Registered Jan. 30, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

RIDGE

FOR STANDARD REFRACTORY BRICKS.
Claims use since 1878.

Reg. No. 411,670. Registered Jan. 30, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

SEMALU

FOR STANDARD REFRACTORY BRICKS.
Claims use since January 1929.

Reg. No. 412,099. Registered Feb. 20, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

PRCO

FOR STANDARD REFRACTORY BRICKS.
Claims use since 1933.

Reg. No. 412,235. Registered Feb. 27, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR STANDARD REFRACTORY BRICKS.
Claims use since June 1916.

Reg. No. 413,145. Registered Apr. 10, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR BLOCK AND PLASTIC HEATING INSULATION.
Claims use since November 1941.

Reg. No. 414,717. Registered June 26, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

REX

FOR STANDARD REFRACTORY BRICKS.
Claims use since Mar. 31, 1939.

Reg. No. 415,303. Registered Aug. 7, 1945. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ST. LOUIS

FOR STANDARD REFRACTORY BRICKS.
Claims use since 1889.

Reg. No. 422,618. Registered Aug. 6, 1946. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

RANGER

FOR STANDARD REFRACTORY BRICKS.
Claims use since October 1929.

Reg. No. 426,640. Registered Jan. 7, 1947. GENERAL REFRACTORIES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

FERROCLIP

FOR UNBURNED SUSPENDED ARCH AND WALL BRICKS.
Claims use since Aug. 17, 1944.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 136,551. Registered Nov. 2, 1920. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.



FOR METAL PLUGS FOR DRY OIL AND GAS WELLS, METAL PIPE, PIPE-COUPLINGS, PIPE-REDUCERS, PIPE-UNIONS, PIPE-ELBOWS, PIPE-T's, PIPE-CROSSES, PIPE-CAPS, AND PIPE-NIPPLES, PLUGS FOR STOPPING THE ENDS OF PIPES, PRESSURE-REGULATORS FOR FLUIDS, NUTS, BOLTS, TURNBUCKLES, SCREWS, RIVETS, METAL WASHERS, COCKS AND FAUCETS, PIPE HANGERS AND SADDLES, VALVES, GAS-BRACKETS, HOSE COUPLINGS AND CLAMPS, HOSE-TIPS, HINGES, SPROCKET-CHAINS, AND CHAIN CABLES.
Claims use since 1900.

Reg. No. 162,529. Registered Dec. 19, 1922. THE LAMSON & SESSIONS COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

BULL DOG

FOR WIRE-ROPE CLIPS.
Claims use since the early part of 1903.

Reg. No. 262,417. Registered Oct. 8, 1929. PAGE STEEL AND WIRE COMPANY, Adrian, Mich., and Bridgeport, Conn. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.

PAGE

FOR METAL FENCE, METAL FENCE POSTS, FENCE PARTS, AND FITTINGS, METAL GATES AND BARBED WIRE.
Claims use since July 1, 1883.

Reg. No. 305,957. Registered Aug. 29, 1933. THE ASTRUP COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TENSO-LOK

FOR LATERAL AWNING ARMS.
Claims use since October 1932.

Reg. No. 349,305. Registered Aug. 24, 1937. COPPER RANGE COMPANY, Painesdale, Mich., a corporation of Michigan. Republished by registrant.

C.G.HUSSEY & CO.

FOR COPPER RIVETS.
Claims use since 1872.

Reg. No. 370,577. Registered Aug. 29, 1939. THE NATIONAL SUPPLY COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

CW

FOR METAL PIPES AND TUBES.
Claims use since July 22, 1938.

Reg. No. 392,585. Registered Jan. 6, 1942. BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant, present location Elyria, Ohio.

BW

FOR BRAKE VALVES FOR AUTOMOTIVE AIR BRAKES.
Claims use since Feb. 20, 1940.

Reg. No. 419,985. Registered Mar. 19, 1946. TURNBUCKLES, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Michigan City, Ind.

"ALUMALOY"

FOR TURNBUCKLES.
Claims use since Mar. 6, 1945.

Reg. No. 420,360. Registered Apr. 9, 1946. THE H. M. HARPER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

EVERLASTING FASTENINGS

The word "Fastenings" is disclaimed apart from the mark as shown.
FOR THREADED BOLTS, NUTS, SCREWS, METAL WASHERS, RIVETS, COTTER PINS AND THREADED HOOKS AND EYES.
Claims use since June 11, 1943.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 121,642. Registered May 14, 1918. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.

N.S.CO

FOR METAL BALLS FOR PLUGGING DRY WELLS, BABBITT METAL, SOLDER, PIG-LEAD, SHEET-LEAD, TOOL-STEEL, WIRE, METAL IN THE FORM OF RODS AND BARS, AND ANVILS.
Claims use since 1900.

Reg. No. 233,787. Registered Oct. 11, 1927. HEPPENSTALL FORGE & KNIFE COMPANY, Pittsburgh, Pa. Republished by Heppenstall Company, Pittsburgh, Pa., a corporation of Pennsylvania, by change of name.

OILTEM

FOR STEEL FORGINGS.
Claims use since Feb. 1, 1927.

Reg. No. 288,450. Registered Oct. 27, 1931. PAGE STEEL AND WIRE COMPANY, Adrian, Mich., and Bridgeport, Conn. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.

PAGE

FOR STEEL AND IRON RODS, STEEL AND IRON WIRE, STEEL AND IRON SINGLE WIRE STRAND, WELDING FILLER METAL AND WIRE METAL PRODUCTS—NAMELY, SPRING WIRE, HIGH AND LOW CARBON WIRE AND WIRE ROD.
Claims use since July 1, 1883.

Reg. No. 299,940. Registered Jan. 3, 1933. DETROIT STOKER COMPANY, Monroe and Detroit, Mich., a corporation of Michigan. Republished by registrant.

DSC

FOR STOKER CASTINGS AND FORGINGS IN THE ROUGH.
Claims use since about Mar. 1, 1932.

Reg. No. 348,701. Registered Aug. 3, 1937. COPPER RANGE COMPANY, Painesdale, Mich., a corporation of Michigan. Republished by registrant.

C.G.HUSSEY & CO.

FOR COPPER SHEET, COPPER IN ROLLS, COPPER WIRE, COPPER ANODES, BRASS SHEET, AND BRASS WIRE.
Claims use since 1848.

Reg. No. 354,873. Registered Mar. 1, 1938. SHARON STEEL CORPORATION, Sharon, Pa., a corporation of Pennsylvania. Republished by registrant.

SHARONSTEEL

The word "Sharonsteel" is disclaimed apart from the mark as shown.
FOR HOT ROLLED STRIP STEEL, COLD ROLLED STRIP STEEL, HOT ROLLED STAINLESS STRIP STEEL, COLD ROLLED STAINLESS STRIP STEEL, HOOP AND BAND STEEL, SHEET STEEL, GALVANIZED STEEL AND TERNE COATED STEEL.
Claims use since May 1936.

CLASS 15

OILS AND GREASES

Reg. No. 226,059. Registered Mar. 29, 1927. BURGER-ADAMS PETROLEUM COMPANY, Coffeyville, Kans. Republished by The American Oil Corporation. Coffeyville, Kans., a corporation of Kansas.

Marvelene

FOR LUBRICATING OILS AND GREASES.
Claims use since Nov. 1, 1923.

Reg. No. 233,573. Registered Oct. 4, 1927. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

McCORMICK-DEERING

FOR LUBRICATING OIL.
Claims use since May 1, 1926.

Reg. No. 283,566. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

DECTOL

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 283,567. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

INCA

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 283,568. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

LIPAN

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 283,689. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

COGLUBE

FOR LUBRICATING GREASE.
Claims use since Aug. 27, 1930.

Reg. No. 283,690. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

CASCO

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 283,691. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

CADDO

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 283,692. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

AZTEC

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 283,693. Registered June 2, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

APACHE

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 284,103. Registered June 16, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

OCONOC

FOR LUBRICATING GREASE.
Claims use since Aug. 27, 1930.

Reg. No. 284,307. Registered June 23, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

CREE

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 289,233. Registered Nov. 24, 1931. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

TETON

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 292,339. Registered Mar. 15, 1932. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

PUMPLUBE

FOR LUBRICATING OIL.
Claims use since June 12, 1931.

Reg. No. 292,518. Registered Mar. 15, 1932. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

RACELUBE

FOR LUBRICATING OIL.
Claims use since June 12, 1931.

Reg. No. 297,088. Registered Aug. 30, 1932. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

CIRCOL

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 299,471. Registered Dec. 6, 1932. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

UTE

FOR LUBRICATING OIL.
Claims use since Aug. 27, 1930.

Reg. No. 306,919. Registered Oct. 3, 1933. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

DEMAND

FOR GASOLINE, KEROSENE, MOTOR FUEL OILS, FUEL OIL, AND LUBRICATING OILS AND GREASES.
Claims use since Mar. 7, 1933.

Reg. No. 358,861. Registered July 26, 1938. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

CONOGA

FOR LUBRICATING GREASE.
Claims use since Feb. 1, 1935.

Reg. No. 358,862. Registered July 26, 1938. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

DARMIL

FOR LUBRICATING OIL.
Claims use since Feb. 1, 1933.

Reg. No. 358,863. Registered July 26, 1938. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

JOCOLOG

FOR LUBRICATING GREASE.
Claims use since Feb. 1, 1935.

Reg. No. 359,371. Registered Aug. 16, 1938. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

ADROL

FOR LUBRICATING OIL.
Claims use since June 1, 1931.

Reg. No. 366,687. Registered Apr. 25, 1939. THE SHALER COMPANY, Waupun, Wis., a corporation of Wisconsin. Republished by registrant.

NOK-R-UST

FOR PENETRATING OILS.
Claims use since April 1938.

Reg. No. 367,374. Registered May 16, 1939. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

MAYAN

FOR LUBRICATING OIL.
Claims use since Aug. 6, 1934.

Reg. No. 371,925. Registered Oct. 17, 1939. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

CHEROKEE

FOR LUBRICATING OIL.
Claims use since Aug. 6, 1934.

Reg. No. 379,075. Registered July 2, 1940. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

GRAPHLUBE

FOR LUBRICATING GREASE.
Claims use since Apr. 1, 1932.

Reg. No. 386,967. Registered Apr. 29, 1941. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

Nth

FOR MOTOR OILS FOR LUBRICATING INTERNAL COMBUSTION ENGINES.
Claims use since Sept. 23, 1940.

Reg. No. 399,598. Registered Jan. 19, 1943. THE R. J. BROWN COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Bronoco

FOR NAPHTHA AND LUBRICATING OILS AND GREASES.
Claims use since Apr. 1, 1935.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 382,325. Registered Oct. 22, 1940. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

COLOROCK

FOR FINISH FOR FLOORS, CONSISTING OF A COMPOSITION OF VARNISH AND COLOR, READY-MIXED FOR USE.
Claims use since January 1940.

Reg. No. 384,326. Registered Jan. 14, 1941. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.



FOR FURNITURE POLISH, FLOOR WAX, FLOOR DRESSING RECOMMENDED FOR SEALED AND UNSEALED WOOD AND OTHER TYPE FLOORS, AS A SURFACE POLISH, DRESSING, AND CLEANER; PAINTS IN DRY, PASTE, AND READY-MIXED FORM; PAINT ENAMELS, VARNISHES, AND A FINISH FOR FLOORS, CONSISTING OF A COMPOSITION OF VARNISH AND COLOR, READY-MIXED FOR USE.
Claims use since May 1938.

Reg. No. 407,419. Registered June 6, 1944. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELCO

FOR ALGIN PRODUCT FOR USE IN WATER PAINTS AS A SUSPENDING AND VISCOSITY CONTROLLING AGENT AND TO IMPROVE THE BRUSHING CHARACTERISTICS.
Claims use since on or about Dec. 22, 1936.

Reg. No. 419,308. Registered Feb. 12, 1946. WITCO CHEMICAL COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FERROX

FOR HYDRATED YELLOW IRON OXIDE USED AS A PIGMENT IN PAINTS.
Claims use since January 1930.

CLASS 17

TOBACCO PRODUCTS

Reg. No. 47,704. Registered Nov. 14, 1905. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR CIGARS.
Claims use since 1889.

Reg. No. 58,233. Registered Dec. 11, 1906. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

THE OVERLAND

FOR CIGARS.
Claims use since January 1899.

Reg. No. 176,139. Registered Nov. 20, 1923. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR CIGARS.
Claims use since January 1889.

Reg. No. 204,467. Registered Oct. 20, 1925. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Cigar Co." are disclaimed apart from the mark as shown.
FOR CIGARS.
Claims use since 1891.

Reg. No. 229,043. Registered June 21, 1927. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Coronation

FOR CIGARETTES.
Claims use since Nov. 1, 1926.

CLASS 19

VEHICLES

Reg. No. 54,705. Registered June 26, 1906. ECLIPSE MACHINE CO., Elmira Heights, N. Y. Republished by Bendix Aviation Corporation, Elmira Heights, N. Y., a corporation of Delaware.



FOR BACK-PEDALING COASTER-BRAKES AND PARTS THEREOF.
Claims use since Feb. 6, 1906.

Reg. No. 110,489. Registered May 30, 1916. ECLIPSE MACHINE COMPANY, Elmira, N. Y. Republished by Bendix Aviation Corporation, Elmira Heights, N. Y., a corporation of Delaware.



FOR BICYCLE PARTS, BRAKES, MOTORCYCLE PARTS.
Claims use since 1892.

Reg. No. 228,084. Registered May 24, 1927. IRVING AIR CHUTE COMPANY, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.



The representation of the parachute is disclaimed apart from the mark.
FOR PARACHUTES, PARACHUTE PACKS, AND PARACHUTE HARNESS.
Claims use since March 1926.

Reg. No. 228,085. Registered May 24, 1927. IRVING AIR CHUTE COMPANY, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.



The representation of the parachute is disclaimed apart from the mark.
FOR PARACHUTES, PARACHUTE PACKS, AND PARACHUTE HARNESS.
Claims use since March 1926.

Reg. No. 228,087. Registered May 24, 1927. IRVING AIR CHUTE COMPANY, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.

AIR CHUTES

FOR PARACHUTES, PARACHUTE PACKS, AND PARACHUTE HARNESS.
Claims use since October 1918.

Reg. No. 255,440. Registered Apr. 23, 1929. IRVING AIR CHUTE COMPANY, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.



The representation of the parachute and the word "Parachute" are disclaimed apart from the mark.
FOR PARACHUTES.
Claims use since July 24, 1928.

Reg. No. 385,881. Registered Mar. 18, 1941. BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE COMPANY, Pittsburgh, Pa.,, a corporation of Delaware. Republished by registrant, present location Elyria, Ohio.



FOR FLUID PRESSURE BRAKE CHAMBERS AND PARTS THEREOF.
Claims use since Feb. 20, 1940.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 118,714. Registered Sept. 25, 1917. SPEER CARBON COMPANY, St. Marys, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Speer Hold-Ark" are disclaimed apart from the mark as shown.
FOR NEGATIVE CARBONS USED FOR ILLUMINATION AND PROJECTION.
Claims use since about Jan. 1, 1917.

Reg. No. 207,213. Registered Dec. 22, 1925. TRIMM RADIO MANUFACTURING CO., Chicago, Ill. Republished by Trimm, Inc., Libertyville, Ill., a corporation of Illinois.



The words "Trimm Radio Manufacturing Company Chicago" are disclaimed apart from the mark as shown.
FOR RADIO SUPPLIES—NAMELY, TELEPHONE HEAD SETS, LOUD SPEAKERS, LOUD-SPEAKER UNITS TO BE USED AS ATTACHMENTS TO AMPLIFYING HORNS (FOR EXAMPLE THE HORNS OF TALKING MACHINES) AND PARTS THEREOF.
Claims use since Aug. 1, 1922.

Reg. No. 295,938. Registered July 19, 1932. EDWARDS AND COMPANY INC., New York, N. Y., a corporation of New York. Republished by registrant.

FLUSHCALL

FOR ELECTRICAL GOODS AND APPARATUS CONSISTING OF ELECTRICALLY-OPERATED SIGNALING

BELLS, ELECTRICALLY-OPERATED BUZZERS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since on or about Dec. 10, 1931.

Reg. No. 311,778. Registered Apr. 3, 1934. WILLIAM J. HALLIGAN, Chicago, Ill. Republished by The Hallicrafters Co., Chicago, Ill., a corporation of Illinois.

the hallicrafters

FOR RADIO RECEIVING SETS, LOUD SPEAKERS, SOUND AMPLIFIERS, AND RADIO RECEIVING SETS USED IN COMBINATION WITH PHONOGRAPH RECORD ELECTRIC PICKUP ATTACHMENTS.
Claims use since Sept. 26, 1933.

Reg. No. 317,349. Registered Sept. 25, 1934. THE HART MANUFACTURING COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.

DIAMOND H

FOR MANUALLY OPERABLE, MECHANICALLY OPERABLE, AND ELECTRICALLY OPERABLE SWITCHES FOR CONTROLLING ELECTRIC CIRCUITS, ALSO RECEPTACLES, PLUGS, AND OUTLETS.
Claims use since May 1899.

Reg. No. 317,401. Registered Sept. 25, 1934. THE HART MANUFACTURING COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.



FOR MANUALLY OPERABLE, MECHANICALLY OPERABLE, AND ELECTRICALLY OPERABLE SWITCHES FOR CONTROLLING ELECTRIC CIRCUITS, ALSO RECEPTACLES, PLUGS, AND OUTLETS.
Claims use since May 1899.

Reg. No. 334,721. Registered May 12, 1936. ELECTROMASTER INC., Detroit, Mich., a corporation of Michigan. Republished by registrant.

Mono-Unit

The word "Unit" is disclaimed apart from the mark as shown.
FOR ELECTRIC STOVES AND HEATING ELEMENTS.
Claims use since Nov. 8, 1935.

Reg. No. 353,656. Registered Jan. 11, 1938. ELECTROMASTER, INC., Detroit, Mich., a corporation of Michigan. Republished by registrant.

VITA-MISER

FOR ELECTRIC RANGES AND PARTS THEREOF.
Claims use since July 23, 1937.

Reg. No. 420,247. Registered Apr. 2, 1946. THE HALLICRAFTERS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

ECHOPHONE

FOR RADIO RECEIVING SETS.
Claims use since July 1929.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 53,187. Registered May 29, 1906. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa. Republished by Strawbridge & Clothier, Philadelphia, Pa., a corporation of Pennsylvania.

The Princess Doll

FOR DOLLS.
Claims use since Mar. 1, 1905.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 70,752. Registered Sept. 29, 1908. THE COLLINS COMPANY, Collinsville, Conn., a corporation of Connecticut. Republished by registrant.



FOR PICKAXES, CAVADORES, BARRETONES, TARPALAS, PALAS, SHOVELS, SPADES, CROWBARS, PICKS, HOES, MILL-PICKS, SLEDGES, HAMMERS, WEDGES, WRENCHES, AXES, HATCHETS, ADZES, BUSH-HOOKS, SAWS, MACHETES, TERCADOS, CHISELS, KNIVES, SWORDS, SICKLES, JINCOLAS, BARRAS, MATTOCKS, LANZAS, LANCITAS, ARPONES, AUGERS, BORING-BITS, EARTH AND ROCK DRILLS.
Claims use since 1876.

Reg. No. 70,753. Registered Sept. 29, 1908. THE COLLINS COMPANY, Collinsville, Conn., a corporation of Connecticut. Republished by registrant.

COLLINS

FOR PICK AXES, CAVADORES, BARRETONES, TARPALAS, PALAS, SHOVELS, SPADES, CROW BARS, PICKS, HOES, MILL PICKS, SLEDGES, HAMMERS, WEDGES, WRENCHES, AXES, HATCHETS, ADZES, BUSH HOOKS, SAWS, MACHETES, TERCADOS, CHISELS, KNIVES, SWORDS, SICKLES, JINCOLAS, BARRAS, MATTOCKS, LANZAS, LANCITAS, ARPONES, AUGERS, BORING BITS, EARTH AND ROCK DRILLS.
Claims use since 1826.

Reg. No. 147,943. Registered Nov. 8, 1921. BUFFALO FORGE COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.

BUFFALO

FOR MACHINES AND APPARATUS AND PARTS THEREOF, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION, EXCEPT UPSETTING, STEAM-ENGINES, STEAM-TURBINES, EMERY-WHEEL HOODS, TIRE AND AXLE SETTERS, TIRE AND BOLT UPSETTERS AND COOLING-PONDS.
Claims use since 1878.

Reg. No. 171,567. Registered Aug. 7, 1923. ANDREW C. CAMPBELL, INCORPORATED, Waterbury, Conn. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.



FOR MACHINES FOR CUTTING SHEET METAL, SOMETIMES KNOWN AS NIBBLING MACHINES.
Claims use since Nov. 21, 1922.

Reg. No. 188,662. Registered Sept. 2, 1924. W. A. WHITNEY MANUFACTURING COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant.



FOR TOOLS, COMPRISING METAL PUNCHES AND PARTS THEREOF, PUNCH DIES, AND CHUCK-OPERATED BORING AND DRILLING TOOLS.
Claims use since Jan. 2, 1924.

Reg. No. 210,419. Registered Mar. 16, 1926. NELS J. BILLSTROM, Rockford, Ill. Republished by Nels J. Billstrom, Inc., Rockford, Ill., a corporation of Illinois.



The words "Billstrom," "The Original," and "Glue Clamp Carriers" are disclaimed apart from the mark as shown.
FOR GLUE-CLAMP CARRIERS.
Claims use since on or about Aug. 15, 1925.

Reg. No. 232,872. Registered Sept. 20, 1927. HUDSON MANUFACTURING CO., Minneapolis, Minn. Republished by H. D. Hudson Manufacturing Company, Chicago, Ill., a corporation of Minnesota.

MASTER FOG

FOR HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF.
Claims use since Jan. 1, 1927.

Reg. No. 234,206. Registered Oct. 18, 1927. E. F. HOUGHTON & Co., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

BRUTE

FOR CHECK STRAPS FOR TEXTILE LOOMS.
Claims use since Mar. 31, 1927.

Reg. No. 244,504. Registered July 17, 1928. ADDRESSOGRAPH COMPANY, Chicago, Ill. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

Cardograph

FOR PRINTING MACHINES.
Claims use since Dec. 8, 1927.

Reg. No. 282,879. Registered May 5, 1931. ANDREW C. CAMPBELL, INCORPORATED, Waterbury, Conn. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.

FLOFORMER

FOR METAL-SWAGING MACHINERY.
Claims use since Oct. 19, 1930.

Reg. No. 304,871. Registered July 18, 1933. ANDREW C. CAMPBELL, INC., Bridgeport, Conn. Republished by American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York.

HUDORKUT

FOR ABRASIVE CUTTING MACHINE EXCLUSIVE OF ABRASIVE ELEMENTS.
Claims use since Feb. 17, 1933.

Reg. No. 318,891. Registered Nov. 6, 1934. THE LA BOUR COMPANY, INC., Elkhart, Ind., a corporation of Indiana. Republished by registrant.

HYDROBALANCE

FOR PUMPS AND PARTS THEREOF.
Claims use since Feb. 12, 1934.

Reg. No. 322,069. Registered Feb. 26, 1935. THE NATIONAL SUPPLY COMPANY OF CALIFORNIA, Torrance, Calif. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.

IDEAL AJAX

FOR STEAM ENGINES AND PARTS THEREFOR, INCLUDING LUBRICATORS, THROTTLE VALVES, DRAIN COCKS.
Claims use since July 27, 1921.

Reg. No. 381,435. Registered Sept. 24, 1940. BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant, present location Elyria, Ohio.

ZEPHAIR TONE

The word "Tone" is disclaimed apart from the mark as shown.
FOR FLUID PRESSURE OPERATED HORNS AND AUDIBLE WARNING SIGNALS.
Claims use since Jan. 23, 1940.

Reg. No. 397,123. Registered Aug. 18, 1942. AMERICAN CHAIN & CABLE COMPANY, INC., Bridgeport, Conn., a corporation of New York. Republished by registrant.

CUTALATOR

FOR ABRASIVE CUTTING MACHINE, EXCLUSIVE OF ABRASIVE ELEMENTS.
Claims use since Mar. 23, 1942.

Reg. No. 399,495. Registered Jan. 12, 1943. A. B. CHANCE COMPANY, Centralia, Mo., a corporation of Missouri. Republished by registrant.

TIPS

FOR LIVE LINE MAINTENANCE TOOLS—NAMELY, CHAIN HOISTS, COME-ALONGS, LIFTING YOKE, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Jan. 1, 1926.

Reg. No. 417,141. Registered Oct. 16, 1945. THE OSBORN MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

SITUFT

FOR ROTARY BRUSHES, END BRUSHES, AND TWISTED STEM BRUSHES USED AS MACHINE ACCESSORIES FOR POLISHING AND CLEANING.
Claims use since on or about May 22, 1943.

Reg. No. 417,722. Registered Nov. 13, 1945. HAMILTON KENT MANUFACTURING COMPANY, Kent, Ohio, a corporation of Ohio. Republished by registrant.

REXON

FOR RUBBER VIBRATION MOUNTS FOR MACHINERY AND EQUIPMENT.
Claims use since December 1944.

Reg. No. 421,449. Registered June 4, 1946. AMERICAN CHAIN & CABLE COMPANY, INC., New York, N. Y., and Bridgeport, Conn., a corporation of New York. Republished by registrant, present location Bridgeport, Conn.

PENNSYLVANIA

FOR LAWN MOWERS.
Claims use since 1878.

Reg. No. 424,877. Registered Oct. 29, 1946. AMERICAN CHAIN & CABLE COMPANY, INC., New York, N. Y., and Bridgeport, Conn., a corporation of New York. Republished by registrant, present location Bridgeport, Conn.

INVADER

FOR LAWN MOWERS.
Claims use since 1933.

Reg. No. 426,294. Registered Dec. 24, 1946. GENERAL IMPLEMENT CORPORATION, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.



FOR CORN SHELLERS, DISK HARROWS, AND LIME SOWERS.
Claims use since Aug. 29, 1945.

Reg. No. 430,118. Registered June 10, 1947. THE OSBORN MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

MASTER

FOR WIRE BRUSHES FORMING PARTS OF INDUSTRIAL MACHINES, BRUSHES MADE FROM WIRE FOR MOUNTING UPON SHAFTING, POWER OPERATED ROTARY BRUSHES FOR POLISHING AND CLEANING AND SECTIONS AND PARTS OF SUCH BRUSHES.
Claims use since about April 1923.

Reg. No. 431,675. Registered July 29, 1947. SOUTHERN SAW WORKS, INC., East Point, Ga., a corporation of Georgia. Republished by registrant.

EXTRA X

FOR SAW BITS AND SAW SHANKS.
Claims use since June 22, 1926.

CLASS 25

LOCKS AND SAFES

Reg. No. 255,140. Registered Apr. 16, 1929. E. J. BROOKS AND COMPANY, New York, N. Y. Republished by E. J. Brooks Company, Newark, N. J., a corporation of New Jersey.

AMALEAD

FOR BASE METAL TRUCK, CAR, AND SHIPPING-CASE SEALS, SEALS FOR CONTAINERS AND PACKAGES, AND SEALS FOR TAGS.
Claims use since Apr. 16, 1928.

Reg. No. 415,102. Registered July 10, 1945. NATIONAL LOCK CO., Rockford, Ill., a corporation of Delaware. Republished by registrant.



FOR LOCKS, KEYS, AND KEY BLANKS.
Claims use since Dec. 4, 1944.

Reg. No. 425,586. Registered Nov. 26, 1946. NATIONAL LOCK CO., Rockford, Ill., a corporation of Delaware. Republished by registrant.



FOR LATCHES AND CATCHES.
Claims use since September 1942.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 360,082. Registered Sept. 6, 1938. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich. Republished by Argus, Incorporated, Ann Arbor, Mich., a corporation of Michigan.

CINTAR

FOR PHOTOGRAPHIC EQUIPMENT, MORE SPECIFICALLY LENSES OF ALL TYPES.
Claims use since on or about Jan. 24, 1938.

Reg. No. 395,771. Registered June 9, 1942. IRVING LAMPERT, doing business as Irving Lampert Co., Brooklyn, N. Y. Republished by New York Eye Protection Co., Inc., Brooklyn, N. Y., a corporation of New York.

NAVIEX

FOR EYEGLASS LENSES, SPECTACLE LENSES, GUN SIGHT LENSES.
Claims use since January 1941.

Reg. No. 416,076. Registered Aug. 28, 1945. MUSEBECK SHOE COMPANY, Danville, Ill. Republished by Picture Recording Company, Chicago, Ill., a corporation of Illinois.

SOLARBRITE

FOR PROJECTOR SCREENS FOR RECEIVING LIGHT-PROJECTED PICTURES.
Claims use since Oct. 28, 1943.

Reg. No. 432,543. Registered Sept. 2, 1947. THE WHITE-HAINES OPTICAL COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.

NAKTIC

FOR LENSES FOR OPTICAL PURPOSES.
Claims use since May 1, 1909.

CLASS 27

HOROLOGICAL INSTRUMENTS

Reg. No. 184,904. Registered June 3, 1924. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.



BULOVA

FOR WATCHES.
Claims use since August 1922.

Reg. No. 234,641. Registered Nov. 1, 1927. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Lone Eagle

FOR WATCHES AND WATCHCASES.
Claims use since June 13, 1927.

Reg. No. 248,827. Registered Oct. 30, 1928. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Lady Lindy

FOR WATCHES AND WATCH MOVEMENTS.
Claims use since June 1, 1928.

Reg. No. 258,603. Registered July 9, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

AMBASSADOR

FOR WATCHES.
Claims use since January 1927.

Reg. No. 260,725. Registered Aug. 27, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

The Aeronaut

FOR WRIST WATCHES.
Claims use since about February 15, 1928.

Reg. No. 261,850. Registered Sept. 24, 1929. WESTFIELD WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

AIR KING

FOR WRIST WATCHES.
Claims use since Apr. 10, 1928.

Reg. No. 262,405. Registered Oct. 8, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"MISS UNIVERSE"

FOR LADIES' WRIST WATCHES.
Claims use since about Jan. 2, 1929.

Reg. No. 262,538. Registered Oct. 15, 1929. WESTFIELD WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

MISS UNITED STATES

FOR LADIES' WRIST WATCHES.
Claims use since about the middle of January 1929.

Reg. No. 262,865. Registered Oct. 29, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CO-ED

FOR WRIST WATCHES.
Claims use since on or about Sept. 10, 1928.

Reg. No. 263,544. Registered Nov. 5, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

COMMODORE

FOR WATCHES.
Claims use since the latter part of April 1927.

Reg. No. 264,102. Registered Nov. 19, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Air Queen

FOR WRIST WATCHES.
Claims use since Sept. 18, 1928.

Reg. No. 264,117. Registered Nov. 19, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Aircraft

FOR WRIST WATCHES.
Claims use since Sept. 18, 1928.

Reg. No. 271,234. Registered May 27, 1930. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Miss Liberty

FOR LADIES' WRIST WATCHES.
Claims use since Jan. 18, 1927.

Reg. No. 276,628. Registered Oct. 21, 1930. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SUN-GOLD

FOR WATCHES.
Claims use since April 1929.

Reg. No. 277,684. Registered Nov. 25, 1930. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SKY KING

FOR WATCHES.
Claims use since Feb. 2, 1928.

Reg. No. 279,540. Registered Jan. 20, 1931. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

VIKING

FOR WATCHES.
Claims use since Mar. 15, 1928.

Reg. No. 288,505. Registered Oct. 27, 1931. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

DOLLY MADISON

FOR WATCHES.
Claims use since May 1, 1930.

Reg. No. 289,416. Registered Nov. 24, 1931. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

WOODSIDE

FOR WATCHES.
Claims use since June 1, 1930.

Reg. No. 289,419. Registered Nov. 24, 1931. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ROUND THE WORLD WATCH

The word "Watch" is disclaimed apart from the mark as shown.
FOR WATCHES.
Claims use since July 3, 1931.

Reg. No. 290,379. Registered Jan. 5, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PRINCESS

EUGENIE

FOR WRIST OR STRAP WATCHES.
Claims use since on or about July 29, 1931.

Reg. No. 290,380. Registered Jan. 5, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Martha Washington

FOR WRIST OR STRAP WATCHES.
Claims use since on or about Jan. 23, 1931.

Reg. No. 290,534. Registered Jan. 5, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

EMPRESS EUGENIE

FOR WRIST OR STRAP WATCHES.
Claims use since on or about June 5, 1931.

Reg. No. 290,932. Registered Jan. 19, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Mermaid

FOR WATCHES AND CLOCKS.
Claims use since June 1927.

Reg. No. 295,591. Registered July 5, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SENATOR

FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since on or about Feb. 1, 1925.

Reg. No. 299,818. Registered Dec. 27, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OVERLAND LIMITED

FOR BRACELET WATCHES AND THEIR ATTACHED BRACELETS.
Claims use since May 5, 1931.

Reg. No. 299,819. Registered Dec. 27, 1932. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ENGINEER

FOR BRACELET WATCHES AND THEIR ATTACHED BRACELETS.
Claims use since Mar. 27, 1931.

Reg. No. 302,038. Registered Mar. 21, 1933. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TWENTIETH CENTURY LIMITED

FOR BRACELET WATCHES AND THEIR ATTACHED BRACELETS.
Claims use since June 22, 1931.

Reg. No. 311,909. Registered Apr. 10, 1934. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

AMERICAN EAGLE

FOR WATCHES AND ATTACHED BRACELETS SOLD AS A UNIT.
Claims use since Sept. 7, 1932.

Reg. No. 316,453. Registered Aug. 28, 1934. B. JADOW, INC., New York, N. Y., a corporation of New York. Republished by registrant.

NuVigor

FOR WATCH MOVEMENTS AND PARTS THEREOF, MAIN SPRINGS, WATCH CASES AND PARTS THEREOF.
Claims use since about Mar. 15, 1928.

Reg. No. 316,745. Registered Sept. 4, 1934. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

MINUET

FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since on or about Sept. 1, 1933.

Reg. No. 323,564. Registered Apr. 23, 1935. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

DEBUTANTE

FOR WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES.
Claims use since on or about January 1926.

Reg. No. 335,455. Registered June 2, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

GLOBE

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Dec. 1, 1935.

Reg. No. 335,456. Registered June 2, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PRINCE ALBERT

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Sept. 1, 1918.

Reg. No. 335,457. Registered June 2, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TUXEDO

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Dec. 1, 1935.

Reg. No. 336,172. Registered June 30, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SWEEPSTAKES

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Oct. 1, 1933.

Reg. No. 336,175. Registered June 30, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

AMERICAN CLIPPER

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Oct. 1, 1933.

Reg. No. 336,176. Registered June 30, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

YANKEE CLIPPER

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Oct. 1, 1933.

Reg. No. 336,247. Registered June 30, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CLIPPER

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since or or about Oct. 1, 1933.

Reg. No. 336,248. Registered June 30, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FLYING CLIPPER

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Oct. 1, 1933.

Reg. No. 336,634. Registered July 14, 1936. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PRISCILLA

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about July 1, 1925.

Reg. No. 344,676. Registered Mar. 30, 1937. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SOLITAIRE

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about July 1, 1935.

Reg. No. 360,646. Registered Sept. 20, 1938. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

HEIRESS OF TIME

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Dec. 1, 1937.

Reg. No. 365,454. Registered Mar. 7, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PERISPHERE

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about July 1, 1938.

Reg. No. 365,455. Registered Mar. 7, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TRYLON

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about July 1, 1938.

Reg. No. 365,926. Registered Mar. 21, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BULOVA

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Aug. 1, 1938.

Reg. No. 367,988. Registered June 6, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BULOVA

TRYLON *and* PERISPHERE

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Aug. 1, 1938.

Reg. No. 369,180. Registered July 18, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

QUEEN MARIE

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Oct. 31, 1926.

Reg. No. 369,777. Registered Aug. 1, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

HIS EXCELLENCY

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Feb. 1, 1938.

Reg. No. 369,778. Registered Aug. 1, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

HIS HIGHNESS

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Jan. 21, 1938.

Reg. No. 370,317. Registered Aug. 22, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BIRTHSTONE

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Mar. 8, 1938.

Reg. No. 370,318. Registered Aug. 22, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PEG O'MY HEART

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Mar. 17, 1938.

Reg. No. 371,771. Registered Oct. 3, 1939. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

GOLDEN BOY

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Jan. 20, 1938.

Reg. No. 375,847. Registered Mar. 5, 1940. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

HER EXCELLENCY

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Feb. 8, 1938.

Reg. No. 376,536. Registered Mar. 26, 1940. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

THIN MAN

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Sept. 16, 1938.

Reg. No. 380,471. Registered Aug. 20, 1940. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SEA KING

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Feb. 7, 1939.

Reg. No. 387,729. Registered May 27, 1941. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BLACK HAWK

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Oct. 12, 1939.

Reg. No. 390,038. Registered Sept. 2, 1941. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SLIM

FOR WATCHES—NAMELY, WRIST OR STRAP WATCHES.
Claims use since on or about Feb. 20, 1940.

Reg. No. 392,245. Registered Dec. 16, 1941. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PHANTOM

FOR WATCHES FOR MEN AND LADIES.
Claims use since Nov. 18, 1919.

Reg. No. 399,114. Registered Dec. 15, 1942. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PROVIDENCE

FOR WATCHES FOR MEN AND LADIES.
Claims use since Nov. 18, 1919.

Reg. No. 400,346. Registered Mar. 2, 1943. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

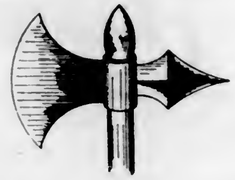
RUBAIYAT

FOR WATCHES FOR MEN AND LADIES.
Claims use since Nov. 1, 1916.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 48,132. Registered Dec. 12, 1905. JONES & WOODLAND, Newark, N. J. Republished by Jones & Woodland Company, Newark, N. J., a corporation of New Jersey.



FOR RINGS.
Claims use since Jan. 1, 1895.

Reg. No. 254,012. Registered Mar. 12, 1929. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

MAXIM

FOR WRISTBANDS OR BRACELETS FOR WATCHES.
Claims use since Oct. 11, 1928.

Reg. No. 288,379. Registered Oct. 27, 1931. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SUN-GOLD

The word "Gold" is disclaimed apart from the mark shown.
FOR BRACELETS AND WRIST BANDS AND STRAPS FOR WRIST WATCHES, SAID WRIST BANDS AND STRAPS BEING COMPLETELY FITTED WITH ATTACHING MEANS.
Claims use since April 1929.

Reg. No. 321,966. Registered Feb. 19, 1935. SCHEIN BROTHERS, INC., New York, N. Y. Republished by Schein Brothers, New York, N. Y., a firm.

Senorita

FOR JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES.
Claims use since Nov. 27, 1933.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 127,357. Registered Nov. 11, 1919. THE CLEVELAND OSBORN MANUFACTURING COMPANY, Cleveland, Ohio. Republished by The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio.

OSBORN

FOR HOUSEHOLD, FACTORY, FOUNDRY, PAINTERS', PAPER-HANGERS', BUTCHERS', DAIRY, HORSE, AUTOMOBILE, BAKERS', FLUE, SCRUBBING, WINDOW, WIRE SCRATCH, WHEEL, PLATERS', BREWERS', AND DRY-CLEANERS' BRUSHES, AND HOUSEHOLD, WAREHOUSE, MILL, FACTORY, STABLE, AND STREET-SWEEPING BROOMS.
Claims use since Jan. 1, 1911.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 285,501. Registered July 28, 1931. GRAND RAPIDS CABINET COMPANY, Grand Rapids, Mich., a corporation of Michigan. Republished by registrant.

ZEROVIZ
(ZERO TEMPERATURE PLUS PERFECT VISIBILITY)

The words "(Zero Temperature Plus Perfect Visibility)" are disclaimed apart from the mark as shown.
FOR REFRIGERATOR CABINETS.
Claims use since Mar. 14, 1931.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 155,676. Registered June 6, 1922. THE EGRY REGISTER COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

AUDITOR

FOR CABINETS FOR REGISTERS.
Claims use since May 1906.

Reg. No. 267,866. Registered Mar. 4, 1930. WM. FILENE'S SONS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Filene's

FOR BABIES' AND CHILDREN'S FURNITURE, MEANING BY SUCH TERM CHAIRS, TABLES, CRIBS, CHIFFONIERS, COSTUMERS, AND DESKS INTENDED FOR USE BY BABIES AND CHILDREN; FOOTSTOOLS, TABLES, MIRRORS, MAGAZINE RACKS, BOOK ENDS, PILLOWS (INCLUDING BOUDOIR).
Claims use since on or about Jan. 1, 1928.

CLASS 33

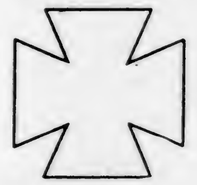
GLASSWARE

Reg. No. 48,250. Registered Dec. 19, 1905. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR SHEET GLASS AND PICTURE-GLASS.
Claims use since January 1902.

Reg. No. 56,329. Registered Sept. 11, 1906. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR MIRROR-PLATES.
Claims use since 1865.

Reg. No. 178,654. Registered Jan. 15, 1924. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Neutralite

FOR COLORED GLASS.
Claims use since about June 1, 1923.

Reg. No. 369,395. Registered July 25, 1939. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MURAGLAS

FOR SHEETS OF COLORED GLASS TO BE CUT UP FOR TILES AND OTHER USES FOR STRUCTURAL WORK.
Claims use since Feb. 3, 1938.

Reg. No. 417,950. Registered Nov. 20, 1945. THATCHER MANUFACTURING COMPANY, Elmira, N. Y. Republished by Thatcher Glass Manufacturing Company, Inc., Elmira, N. Y., a corporation of New York.

ONE-WAY

FOR GLASS BOTTLES.
Claims use since on or about Apr. 13, 1945.

Reg. No. 419,305. Registered Feb. 12, 1946. THATCHER MANUFACTURING COMPANY, Elmira, N. Y. Republished by Thatcher Glass Manufacturing Company, Inc., Elmira, N. Y., a corporation of New York.

Thatcher T-SQUARE

The word "Square" is disclaimed apart from the mark as shown.
FOR GLASS BOTTLES.
Claims use since on or about June 20, 1944.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 234,958. Registered Nov. 8, 1927. DETROIT STOKER COMPANY, Monroe and Detroit, Mich., a corporation of Michigan. Republished by registrant.

UNISTOKER

FOR STOKERS.
Claims use since about July 22, 1926.

Reg. No. 242,823. Registered June 5, 1928. THE DETROIT VAPOR STOVE CO., Detroit, Mich. Republished by Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois.

STAR

FOR GAS AND OIL STOVES.
Claims use since June 9, 1919.

Reg. No. 254,650. Registered Mar. 26, 1929. THE CLEVELAND HEATER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

REX

FOR GAS, OIL, AND VAPOR BURNING WATER HEATERS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since on or about Jan. 1, 1928.

Reg. No. 301,305. Registered Feb. 28, 1933. DETROIT STOKER COMPANY, Monroe and Detroit, Mich., a corporation of Michigan. Republished by registrant.

ROTOSTOKER

The word "Stoker" is disclaimed apart from the mark as shown.
FOR STOKERS.
Claims use since on or about July 1, 1932.

Reg. No. 401,264. Registered May 4, 1943. DETROIT STOKER COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

ROTOGRATE STOKER

The words "Grate Stoker" are disclaimed apart from the mark as shown.
FOR FUEL STOKERS.
Claims use since about October 1940.

Reg. No. 431,664. Registered July 29, 1947. MANUFACTURERS AND FABRICATORS, INC., Elyria, Ohio, a corporation of Ohio. Republished by registrant.

m&f

FOR NON-ELECTRIC INDUSTRIAL FURNACES AND PARTS THEREFOR, INCLUDING HEATING ELEMENT TUBES.
Claims use since Sept. 1, 1945.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 126,536. Registered Sept. 16, 1919. EXCELSIOR LEATHER WASHER MANUFACTURING CO., Rockford, Ill., a corporation of Illinois. Republished by registrant.



FOR PUMP AND VALVE LEATHERS, AND WASHERS OF LEATHER AND GASKETS OF LEATHER.
Claims use since Nov. 17, 1917.

Reg. No. 216,976. Registered Aug. 24, 1926. THERMOID RUBBER COMPANY, Trenton, N. J. Republished by Thermoid Company, Trenton, N. J., a corporation of Delaware.

Thermoid VELVET V-G GRIP

FOR CLUTCH RINGS BEING FRICTIONAL PARTS FOR CLUTCH PLATES AND BEING COMPOSED OF ASBESTOS FABRIC.
Claims use since Nov. 9, 1925.

Reg. No. 245,817. Registered Aug. 21, 1928. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

CRISS-CROSS

FOR INSIDE TIRE PROTECTORS, OUTSIDE TIRE PROTECTORS, PORTABLE TIRE AND TUBE REPAIR OUTFITS, AND REPAIR PATCHES AND BANDAGES.
Claims use since February 1926.

Reg. No. 270,464. Registered May 6, 1930. DUOFLEX PISTON RING COMPANY, Philadelphia, Pa. Republished by Wilkening Manufacturing Company, Philadelphia, Pa., a corporation of Delaware.

UNIflex

FOR PISTON RINGS.
Claims use since Nov. 8, 1929.

Reg. No. 303,322. Registered May 23, 1933. EXCELSIOR LEATHER WASHER MANUFACTURING CO., Rockford, Ill., a corporation of Illinois. Republished by registrant.

XL

FOR CUP LEATHERS, VALVE AND PLUNGER LEATHERS, FLANGE LEATHERS, U and V LEATHERS, AND LEATHER WASHERS AND GASKETS.
Claims use since 1917.

Reg. No. 402,113. Registered June 29, 1943. EXCELSIOR LEATHER WASHER MANUFACTURING CO., Rockford, Ill., a corporation of Illinois. Republished by registrant.



FOR LEATHER GASKETS, PACKINGS, AND WASHERS.
Claims use since Feb. 2, 1943.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 312,649. Registered May 1, 1934. CHESBRO MUSIC CO., Idaho Falls, Idaho, a corporation of Idaho. Republished by registrant.

GOLD MEDAL

GM

The words "Gold Medal" are disclaimed apart from the mark as shown.
FOR INSTRUMENT REEDS.
Claims use since Jan. 1, 1933.

CLASS 37

PAPER AND STATIONERY

Reg. No. 52,731. Registered May 15, 1906. PENINSULAR PAPER CO., Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

FPL

FOR BOOK AND COVER PAPER.
Claims use since about Feb. 27, 1902.

Reg. No. 85,852. Registered Mar. 26, 1912. A. W. FABER, Stein and Berlin, Germany. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

The Winner

FOR LEAD PENCILS, COLORED PENCILS, COPYING PENCILS, AND INK PENCILS.
Claims use since Sept. 14, 1911.

Reg. No. 86,583. Registered May 21, 1912. A. W. FABER, Stein, Germany. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

Black flyer

FOR LEAD PENCILS, COLORED PENCILS, COPYING PENCILS AND INK PENCILS.
Claims use since Sept. 20, 1911.

Reg. No. 100,302. Registered Oct. 20, 1914. A. W. FABER, Stein near Nuremberg, Germany. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

First Step

FOR LEAD PENCILS, COLORED PENCILS, COPYING PENCILS, INK PENCILS, SCREW PENCILS, RUBBER PENCILS, RUBBER ERASERS, AND PENHOLDERS.
Claims use since Oct. 23, 1913.

Reg. No. 146,836. Registered Sept. 20, 1921. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

ORKID

FOR PRINTING, WRITING, COVER, AND BOND PAPER FOR WRAPPING, WRITING, AND PRINTING PURPOSES.
Claims use since February 1902.

Reg. No. 166,926. Registered Apr. 17, 1923. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

TUSCAN

FOR COVER PAPER.
Claims use since Sept. 28, 1922.

Reg. No. 169,182. Registered June 12, 1923. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

Patrician

FOR COVER PAPER.
Claims use since July 1, 1915.

Reg. No. 177,851. Registered Jan. 1, 1924. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

Publicity

FOR COVER PAPER.
Claims use since Apr. 29, 1913.

Reg. No. 180,873. Registered Mar. 11, 1924. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

MAID of the FOREST

FOR TOILET PAPER, PAPER NAPKINS, PAPER TOWELS, AND PAPER TABLECLOTHS.
Claims use since Mar. 17, 1923.

Reg. No. 182,721. Registered Apr. 15, 1924. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

KRAFTEX

FOR TOILET PAPER, PAPER NAPKINS, PAPER TOWELS, AND PAPER TABLECLOTHS.
Claims use since Apr. 13, 1921.

Reg. No. 191,202. Registered Nov. 4, 1924. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

BLEACHTEX

FOR TOILET PAPER, PAPER NAPKINS, PAPER TOWELS, AND PAPER TABLECLOTHS.
Claims use since Apr. 25, 1923.

Reg. No. 197,169. Registered Apr. 14, 1925. ALEXANDER COUNT VON FABER-CASTELL, sole surviving member of the firm of A. W. Faber, Stein, near Nuremberg, Germany. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

„Ivanhoe"

FOR LEAD PENCILS, PENCIL HOLDERS, COLORED PENCILS, PATENT PENCILS, ARTISTS' PENCILS, AND LEADS FOR THEM; COPYING PENCILS, INK PENCILS, CHALK; CHALK PENCILS; CHALK HOLDERS; SLATE PENCILS; ERASERS; SLATE BOARDS, RULERS, DRAWING RUBBERS; BLOTTERS; PENHOLDERS; FOUNTAIN PENS; PEN BOXES; MEMORANDUM BOOKS; RUBBERS; LETTER STANDS; AND OTHER ITEMS SET FORTH IN SAID REGISTRATION.
Claims use since Feb. 3, 1914.

Reg. No. 206,994. Registered Dec. 15, 1925. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

PULL-ONE

FOR TOILET PAPER, PAPER TOWELS, PAPER NAPKINS, AND CRÊPE PAPER.
Claims use since July 1, 1922.

Reg. No. 211,600. Registered Apr. 13, 1926. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

HAVANAP

FOR PAPER NAPKINS, TOILET PAPER, AND PAPER TOWELS.
Claims use since Oct. 29, 1924.

Reg. No. 213,028. Registered May 18, 1926. FORT HOWARD PAPER COMPANY; Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

Facialin

The lining on the drawing is for shading only.
FOR PAPER FABRIC ADAPTED FOR SKIN CLEANSING AND COSMETIC-REMOVING PURPOSES.
Claims use since July 29, 1925.

Reg. No. 226,659. Registered Apr. 19, 1927. NEWARK PARAFFINE & PARCHMENT PAPER CO., New York, N. Y., a corporation of New Jersey. Republished by registrant, present location Newark, N. J.

NEWARK P&P COMPANY

The word "Newark" is disclaimed apart from the mark as shown.
FOR WAXED PAPER.
Claims use since 1907.

Reg. No. 284,501. Registered June 30, 1931. THE EGRY REGISTER COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

TRU-PAK

FOR AUTOGRAPHIC REGISTER AND STATIONERY USED IN CONNECTION WITH AUTOGRAPHIC REGISTERS.
Claims use since May 22, 1930.

Reg. No. 296,366. Registered Aug. 2, 1932. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

LUSTASEEL

FOR WAXED PAPER.
Claims use since Mar. 8, 1932.

Reg. No. 302,374. Registered Apr. 18, 1933. THE EGRY REGISTER COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

HANDIPAK

FOR AUTOGRAPHIC REGISTER AND PAPER FILLERS THEREFOR.
Claims use since Oct. 25, 1932.

Reg. No. 303,583. Registered May 30, 1933. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

NOTRE DAME INTAGLIO

The word "Intaglio" is disclaimed apart from the mark as shown.

FOR COVER PAPER AND ANNOUNCEMENT PAPER.
Claims use since March 1932.

Reg. No. 320,620. Registered Jan. 1, 1935. HANS MAUCHER, doing business as Norma Pencil Company, New York, N. Y. Republished by Norma Pencil Corporation, New York, N. Y., a corporation of New York.

NORMA

FOR PENCILS.
Claims use since Nov. 1, 1932.

Reg. No. 323,265. Registered Apr. 9, 1935. A. W. FABER, INC., Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.



The representation of the goods and the words "Made in U. S. A." appearing on the drawing are disclaimed apart from the mark as shown.

FOR RUBBER ERASERS, LEAD AND CRAYON PENCILS.
Claims use since Oct. 15, 1933.

Reg. No. 326,597. Registered July 30, 1935. SAN-NAP-PAK MFG. CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

PARK LANE

FOR CLEANSING TISSUE.
Claims use since October 1930.

Reg. No. 331,309. Registered Dec. 31, 1935. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

Cottage

FOR TOILET PAPER, PAPER TOWELS, PAPER NAPKINS AND CREPE PAPER.
Claims use since Aug. 19, 1935.

Reg. No. 331,755. Registered Jan. 21, 1936. THE EGRY REGISTER COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

ALLSET

FOR MANIFOLDING FORMS.
Claims use since May 1, 1935.

Reg. No. 334,647. Registered May 12, 1936. SAN-NAP-PAK MANUFACTURING COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Countess

FOR CLEANSING TISSUE.
Claims use since on or about June 1, 1935.

Reg. No. 340,913. Registered Nov. 24, 1936. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

SHO-RAP

The word "Rap" is disclaimed apart from the mark as shown.

FOR WRAPPERS USED FOR BREAD AND OTHER FOODS.
Claims use since Nov. 15, 1935.

Reg. No. 355,787. Registered Mar. 29, 1938. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

CRYSTLPHANE

FOR WAXED PAPER, TRANSPARENT PAPER, AND WRAPPING PAPER.
Claims use since Apr. 30, 1937.

Reg. No. 363,724. Registered Jan. 3, 1939. SAN-NAP-PAK MFG. COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

VELURE

FOR TOILET TISSUE.
Claims use since June 24, 1938.

Reg. No. 386,656. Registered Apr. 22, 1941. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

MIROLITE

FOR WAXED, TRANSPARENT AND WRAPPING PAPER.
Claims use since June 21, 1939.

Reg. No. 411,375. Registered Jan. 16, 1945. NATHAN J. BROWN, Barrington, Ill. Republished by registrant.

TRACEOLENE

FOR TRACING PAPER AND TRACING CLOTH.
Claims use since September 1925.

Reg. No. 427,989. Registered Mar. 4, 1947. EDWARD C. KINNEY, Chicago, Ill. Republished by registrant.

STYLECRAFT

FOR WRITING PAPER, ENVELOPES, AND BLANK GUMMED LABELS.
Claims use since Feb. 10, 1945.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 158,909. Registered Sept. 19, 1922. THE BUTTERICK PUBLISHING COMPANY, New York, N. Y. Republished by The Butterick Company, Inc., New York, N. Y., a corporation of New York.

The PROGRESSIVE GROCER

FOR MONTHLY PERIODICAL.
Claims use since Jan. 18, 1922.

Reg. No. 165,252. Registered Mar. 6, 1923. BANGOR PUBLISHING COMPANY, Bangor, Maine, a corporation of Maine. Republished by registrant.

BANGOR DAILY NEWS
AND
Daily Whig and Courier

FOR A DAILY NEWSPAPER.
Claims use since March 1900.

Reg. No. 278,792. Registered Dec. 30, 1930. THE MEYERCORD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

"KWIKWAY"

FOR DECALCOMANIAS.
Claims use since September 1921.

Reg. No. 281,401. Registered Mar. 17, 1931. THE MEYERCORD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SANS-ARB

FOR DECALCOMANIAS.
Claims use since April 1929.

Reg. No. 359,544. Registered Aug. 23, 1938. THE MEYERCORD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SANS-ONYX

The word "Onyx" is disclaimed apart from the mark as shown.

FOR DECALCOMANIAS.
Claims use since Jan. 20, 1938.

Reg. No. 360,006. Registered Sept. 6, 1938. THE MEYERCORD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SANS-MARB

FOR DECALCOMANIAS.
Claims use since on or about September 1931.

Reg. No. 375,767. Registered Feb. 27, 1940. AMERICAN SOCIETY OF TOOL ENGINEERS, INC., Detroit, Mich., a corporation of Michigan. Republished by registrant.



The words "Approved Data Sheet" is disclaimed apart from the mark as shown.

FOR PUBLICATION, PUBLISHED THREE OR FOUR TIMES ANNUALLY.
Claims use since Mar. 1, 1939.

Reg. No. 427,809. Registered Feb. 25, 1947. CONTINENTAL OIL COMPANY, Ponca City, Okla., a corporation of Delaware. Republished by registrant.

TOURAIDE

FOR MAP BOOKLETS PUBLISHED FROM TIME TO TIME.
Claims use since Apr. 6, 1936.

Reg. No. 428,875. Registered Apr. 8, 1947. THE MEYERCORD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The word "Decals" is disclaimed apart from the mark as shown.

FOR COMMERCIAL AND DECORATIVE DECALCOMANIAS.
Claims use since Jan. 7, 1946.

Reg. No. 428,876. Registered Apr. 8, 1947. THE MEYERCORD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BEAUTY SPOT

FOR COMMERCIAL AND DECORATIVE DECALCOMANIAS.
Claims use since Jan. 7, 1946.

CLASS 39
CLOTHING

Reg. No. 47,685. Registered Nov. 14, 1905. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa. Republished by Strawbridge & Clothier, Philadelphia, Pa., a corporation of Pennsylvania.

Jessica

FOR CORSETS.
Claims use since Feb. 15, 1902.

Reg. No. 56,142. Registered Aug. 28, 1906. PARAMOUNT KNITTING CO., Chicago, Ill. Republished by Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois.

BEAR SKIN

FOR HOSIERY.
Claims use since Dec. 23, 1902.

Reg. No. 64,219. Registered July 30, 1907. ENDICOTT-JOHNSON CO., Endicott, N. Y. Republished by Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York.

HIDE TO WEARER

FOR BOOTS AND SHOES OF LEATHER.
Claims use since Feb. 15, 1907.

Reg. No. 64,335. Registered Aug. 6, 1907. ENDICOTT-JOHNSON COMPANY, Endicott, N. Y. Republished by Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York.

Endwell

FOR BOOTS AND SHOES OF LEATHER.
Claims use since Feb. 6, 1907.

Reg. No. 65,662. Registered Oct. 15, 1907. A. B. ANDREWS COMPANY, New York, N. Y. Republished by Richmond Hosiery Mills, Rossville, Ga., a corporation of Georgia.

LADY BROADWAY

FOR HOSIERY.
Claims use since May 3, 1907.

Reg. No. 66,525. Registered Dec. 10, 1907. PARAMOUNT KNITTING COMPANY, Chicago, Ill. Republished by Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois.

DRESS PARADE

FOR HOSIERY.
Claims use since May 15, 1907.

Reg. No. 68,064. Registered Mar. 3, 1908. HEYWOOD BOOT & SHOE COMPANY, Worcester, Mass., a corporation of Massachusetts. Republished by registrant.

Bunion.

FOR LEATHER BOOTS AND SHOES.
Claims use since Apr. 1, 1891.

Reg. No. 75,547. Registered Oct. 12, 1909. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa. Republished by Strawbridge & Clothier, Philadelphia, Pa., a corporation of Pennsylvania.

EMPRESS

FOR LEATHER GLOVES.
Claims use since 1880.

Reg. No. 116,449. Registered May 1, 1917. PARAMOUNT KNITTING COMPANY, Chicago, Ill. Republished by Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois.

PARAMOUNT

FOR HOSIERY.
Claims use since Jan. 20, 1894.

Reg. No. 151,694. Registered Feb. 14, 1922. BURSON KNITTING COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant.

Knit to fit

FOR HOSIERY.
Claims use since 1904.

Reg. No. 154,712. Registered Apr. 18, 1922. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Wickham

FOR MEN'S AND BOYS' OUTER CLOTHING.
Claims use since Feb. 1, 1921.

Reg. No. 161,311. Registered Nov. 7, 1922. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR MEN'S, YOUNG MEN'S, AND BOYS' HATS AND CAPS.
Claims use since about Jan. 16, 1922.

Reg. No. 164,775. Registered Feb. 27, 1923. BURSON KNITTING COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant.

SHADOW RIB

The word "Rib" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since April 1922.

Reg. No. 166,017. Registered Mar. 27, 1923. MASSACHUSETTS KNITTING MILLS, Boston, Mass. Republished by M. K. M. Hosiery Mills, Inc., Boston, Mass., a corporation of Massachusetts.

MKM

The drawing is lined for shading only.
FOR HOSIERY.
Claims use since the month of August 1918.

Reg. No. 166,197. Registered Mar. 27, 1923. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Wickham

FOR MEN'S, BOYS', LADIES', AND MISSES' SHOES MADE WHOLLY OR IN PART OF LEATHER.
Claims use since Mar. 15, 1921.

Reg. No. 171,242. Registered July 31, 1923. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SHASTA

FOR MEN'S DRESS AND NEGLIGEE SHIRTS, PYJAMAS, AND UNDERWEAR OF TEXTILE FABRIC.
Claims use since Sept. 20, 1922.

Reg. No. 171,297. Registered Aug. 7, 1923. BURSON KNITTING COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant.

VEE POINT

FOR HOSIERY.
Claims use since March 1921.

Reg. No. 174,833. Registered Oct. 23, 1923. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

PARACLOX

FOR HOSIERY.
Claims use since Dec. 26, 1922.

Reg. No. 177,567. Registered Dec. 18, 1923. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

LASALLE

FOR HOSIERY.
Claims use since July 14, 1922.

Reg. No. 182,448. Registered Apr. 8, 1924. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Eazifeed

FOR CHILDREN'S SHOES MADE OF LEATHER.
Claims use since Oct. 13, 1923.

Reg. No. 217,623. Registered Sept. 7, 1926. THE BREARLEY COMPANY, Rockford, Ill. Republished by The Brearley Company, Rockford, Ill., a corporation of Illinois.

SUNSHINE

FOR CAPS FOR USE BY MEN, WOMEN, AND CHILDREN.
Claims use since Mar. 1, 1926.

Reg. No. 219,637. Registered Oct. 19, 1926. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

LAMONTA

FOR HOSIERY.
Claims use since June 18, 1926.

Reg. No. 228,504. Registered June 7, 1927. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

SANDMAN

FOR HOSIERY.
Claims use since Dec. 31, 1926.

Reg. No. 231,079. Registered Aug. 9, 1927. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

PARAJACKS

FOR HOSIERY.
Claims use since Sept. 15, 1916.

Reg. No. 231,131. Registered Aug. 16, 1927. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Buffer

FOR HOSIERY.
Claims use since about Jan. 15, 1925.

Reg. No. 231,133. Registered Aug. 16, 1927. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

PARAKINGS

FOR HOSIERY.
Claims use since May 22, 1922.

Reg. No. 231,142. Registered Aug. 16, 1927. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

RECESS

FOR HOSIERY.
Claims use since Mar. 2, 1927.

Reg. No. 236,437. Registered Dec. 13, 1927. SEXTON MFG. CO., Fairfield, Ill. Republished by Pinehurst Textiles, Inc., Ashboro, N. C., a corporation of North Carolina.

Pinehurst

The word "Pinehurst" is disclaimed part from the mark as shown.
FOR MEN'S UNDERWEAR AND NIGHT WEAR—NAMELY, UNION SUITS, DRAWERS, NIGHTSHIRTS, AND PAJAMAS MADE OF WOVEN TEXTILES.
Claims use since Jan. 30, 1926.

Reg. No. 239,320. Registered Feb. 28, 1928. THE COSHOCTON GLOVE CO., Coshocton, Ohio. Republished by Indianapolis Glove Company, Indianapolis, Ind., a corporation of Indiana.

CO-SHOC

FOR GLOVES AND MITTENS OF FABRIC, LEATHER, KNITTED MATERIAL, AND COMBINATIONS THEREOF.
Claims use since Sept. 28, 1927.

Reg. No. 246,310. Registered Sept. 4, 1928. LUXITE SILK PRODUCTS COMPANY, Milwaukee, Wis. Republished by Holeproof Hosiery Co., Milwaukee, Wis., a corporation of Wisconsin.

Jil D'or A Luxite PRODUCT

The word "Product" is disclaimed apart from the mark as shown.
FOR GLOVE-SILK UNDERWEAR FOR MEN, WOMEN, CHILDREN, AND INFANTS.
Claims use since Jan. 17, 1927.

Reg. No. 252,293. Registered Jan. 29, 1929. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

BABY BEAR

FOR HOSIERY.
Claims use since Nov. 17, 1927.

Reg. No. 253,688. Registered Mar. 5, 1929. BEAR BRAND HOSIERY CO., Chicago, Ill., an Illinois corporation. Republished by registrant.

CECILY

FOR HOSIERY.
Claims use since June 29, 1928.

Reg. No. 254,085. Registered Mar. 12, 1929. THE GOR-JUS HOSIERY MILLS, INC., Baltimore, Md., now by change of name Gor-Jus Hosiery Co., Inc. Republished by Mojud Hosiery Co., Inc., Long Island City, N. Y., a corporation of Delaware.

GOR-JUS Sheer Goodness!

The words "Sheer Goodness" are disclaimed apart from the mark shown.
FOR HOSIERY.
Claims use since May 15, 1928.

Reg. No. 254,816. Registered Apr. 2, 1929. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BROADSHIRE

FOR SHIRTS (DRESS AND NEGLIGEE), NIGHTSHIRTS, AND PAJAMAS.
Claims use since Nov. 6, 1928.

Reg. No. 255,121. Registered Apr. 16, 1929. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Brookwood

FOR NEGLIGEE SHIRTS, HOSIERY, AND PAJAMAS.
Claims use since Aug. 14, 1928.

Reg. No. 260,065. Registered Aug. 13, 1929. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SUPER SHORTS

The word "Shorts" is disclaimed apart from the mark shown.
FOR DRAWERS, SPORT DRAWERS, AND RUNNING PANTS OF TEXTILE FABRIC AND INTENDED FOR MEN'S, WOMEN'S, AND CHILDREN'S WEAR.
Claims use since Mar. 8, 1929.

Reg. No. 271,403. Registered June 3, 1930. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FAN-FLARE

FOR NECKTIES AND CRAVATS.
Claims use since Jan. 13, 1930.

Reg. No. 277,807. Registered Nov. 25, 1930. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

DURATWIST

FOR HOSIERY.
Claims use since July 9, 1930.

Reg. No. 278,386. Registered Dec. 16, 1930. LE RAE HAT CO., St. Louis, Mo. Republished by Baer, Sternberg & Cohen, St. Louis, Mo., a corporation of Delaware.

Wilshire

The word "Wilshire" is disclaimed.
FOR HEADWEAR—NAMELY, GIRLS' AND WOMEN'S HATS.
Claims use since Jan. 1, 1930.

Reg. No. 278,507. Registered Dec. 23, 1930. LE RAE HAT CO., St. Louis, Mo. Republished by Baer, Sternberg & Cohen, St. Louis, Mo., a corporation of Delaware.



FOR HEADWEAR—NAMELY, GIRLS' AND WOMEN'S HATS.
Claims use since Jan. 1, 1930.

Reg. No. 278,657. Registered Dec. 23, 1930. BURSON KNITTING COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant.

AIR - LIGHT

FOR HOSIERY.
Claims use since June 21, 1930.

Reg. No. 279,090. Registered Jan. 6, 1931. BURSON KNITTING COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant.

WIND-WARM

The word "Warm" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since June 23, 1930.

Reg. No. 287,535. Registered Sept. 29, 1931. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Arch Shoe" are disclaimed apart from the mark as shown.
FOR WOMEN'S AND CHILDREN'S SHOES MADE OF LEATHER, RUBBER, CANVAS, AND/OR ANY COMBINATIONS THEREOF.
Claims use since Apr. 21, 1931.

Reg. No. 288,538. Registered Nov. 3, 1931. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR DRESS AND NEGLIGEE SHIRTS, PAJAMAS, MEN'S UNDERWEAR, HOSIERY AND NECKTIES.
Claims use since Apr. 14, 1931.

Reg. No. 293,509. Registered Apr. 26, 1932. BEAR BRAND HOSIERY CO., Chicago, Ill., an Illinois corporation. Republished by registrant.



The use of the words "Summer" and "Sox" is claimed only in combination with the other features of the mark as shown.
FOR HOSIERY.
Claims use since Jan. 10, 1930.

Reg. No. 302,252. Registered Apr. 4, 1933. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

belle-sharmeer

FOR HOSIERY.
Claims use since Sept. 3, 1932.

Reg. No. 304,396. Registered July 4, 1933. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

EDEN ROCK

FOR MEN'S DRESS SHIRTS.
Claims use since July 22, 1932.

Reg. No. 309,347. Registered Jan. 9, 1934. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

All 3

FOR HOSIERY.
Claims use since Aug. 21, 1933.

Reg. No. 309,348. Registered Jan. 9, 1934. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

all-three

FOR HOSIERY.
Claims use since Aug. 21, 1933.

Reg. No. 311,702. Registered Apr. 3, 1934. MANDEL & COHEN, New York, N. Y. Republished by Isador H. Cohen, New York, N. Y.

CRUCIBLE

FOR HOSIERY, PAJAMAS, BATHING SUITS, SWEATERS, BATH ROBES; SCARFS; UNDERWEAR OF KNITTED, NETTED AND TEXTILE FABRICS, FOR MEN, WOMEN, AND CHILDREN; STEP-INS (DRAWERS), BRASSIÈRES, AND KIMONOS FOR WOMEN AND CHILDREN.
Claims use since July 11, 1922.

Reg. No. 313,941. Registered June 12, 1934. CANNON SHOE COMPANY, Baltimore, Md. Republished by Cannon Shoe Company, Baltimore, Md., a corporation of Maryland.



The words "America's Greatest Value" are disclaimed apart from the mark as shown.
FOR SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF, AND HOSIERY.
Claims use since May 15, 1932.

Reg. No. 317,688. Registered Oct. 2, 1934. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

PAR-4

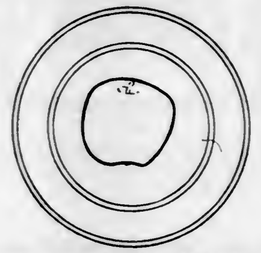
FOR HOSIERY.
Claims use since Apr. 23, 1934.

Reg. No. 318,022. Registered Oct. 16, 1934. CANNON SHOE COMPANY, Baltimore, Md. Republished by Cannon Shoe Company, Baltimore, Md., a corporation of Maryland.



The words "Sturdy and Thrifty," "Shoe for Boys," "Style" and "Size" are disclaimed apart from the mark as shown.
FOR LEATHER SHOES.
Claims use since Mar. 13, 1934.

Reg. No. 321,307. Registered Jan. 29, 1935. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



FOR GLOVES AND MITTENS OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since about 1923.

Reg. No. 322,389. Registered Mar. 5, 1935. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WILSTAY

FOR DRESS AND NEGLIGEE SHIRTS.
Claims use since September 1932.

Reg. No. 323,273. Registered Apr. 9, 1935. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

MOTORMAN & TRAINMAN

FOR HOSIERY.
Claims use since Nov. 5, 1934.

Reg. No. 326,453. Registered July 23, 1935. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

MOTORMAN & TRAINMAN JUNIOR

FOR HOSIERY.
Claims use since Feb. 5, 1935.

Reg. No. 327,246. Registered Aug. 20, 1935. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CUBS

FOR HOSIERY.
Claims use since Feb. 6, 1935.

Reg. No. 329,460. Registered Oct. 29, 1935. MALCOLM KENNETH CO., Boston, Mass. Republished by J. & J. Crombie, Limited, Aberdeen, Scotland, a corporation organized under the laws of Great Britain.

CROMBIE

FOR MEN'S OUTER CLOTHING—NAMELY, TOPCOATS, OVERCOATS, AND SUITS.
Claims use since March 1933.

Reg. No. 329,617. Registered Nov. 5, 1935. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SKIPPER

FOR MEN'S SPORT SHIRTS, SWEATERS, AND TENNIS TRUNKS.
Claims use since Mar. 15, 1933.

Reg. No. 329,908. Registered Nov. 19, 1935. CANNON SHOE COMPANY, Baltimore, Md. Republished by Cannon Shoe Company, Baltimore, Md., a corporation of Maryland.



The words "The" and "Shoe" are disclaimed apart from the mark as shown.
FOR LEATHER SHOES.
Claims use since May 17, 1935.

Reg. No. 331,967. Registered Jan. 28, 1936. BEAR BRAND HOSIERY CO., Kankakee, Ill., a corporation of Illinois. Republished by registrant.

Scuff-Stop

FOR HOSIERY.
Claims use since Sept. 11, 1935.

Reg. No. 332,603. Registered Feb. 18, 1936. MOCK, JUDSON, VOEHRINGER COMPANY OF NEW YORK, INC., Long Island City, N. Y. Republished by Mojud Hosiery Co., Inc., Long Island City, N. Y., a corporation of Delaware.

Sally Sage

FOR HOSIERY.
Claims use since Aug. 9, 1935.

Reg. No. 334,391. Registered May 5, 1936. FORD MANUFACTURING, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

BIG-EZE

FOR LADIES' UNDERWEAR.
Claims use since June 7, 1935.

Reg. No. 337,446. Registered Aug. 4, 1936. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The drawing is lined for the color blue, said lines being spaced from one another by lines of a different color, generally the basic color of the stocking. The representation of the stocking is disclaimed.
FOR HOSIERY.
Claims use since Jan. 29, 1936.

Reg. No. 338,606. Registered Sept. 8, 1936. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

SWAGGER

FOR HOSIERY.
Claims use since Feb. 4, 1936.

Reg. No. 339,152. Registered Sept. 29, 1936. BEAR BRAND HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

CLIPPERS

FOR HOSIERY.
Claims use since May 14, 1936.

Reg. No. 341,893. Registered Dec. 29, 1936. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

Belle-Sharmeer
STOCKINGS
in all leg sizes

The words "Stockings in all leg sizes" are disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since Sept. 3, 1932.

Reg. No. 354,865. Registered Mar. 1, 1938. BEAR BRAND HOSIERY CO., Chicago and Kankakee, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

TRAVELAIR

FOR HOSIERY.
Claims use since Feb. 4, 1936.

Reg. No. 361,477. Registered Oct. 18, 1938. LAMM BROTHERS, INC., Baltimore, Md., a corporation of Maryland. Republished by registrant.

AQ ARID

FOR MEN'S AND BOYS' SUITS INCLUDING COATS, VESTS, AND TROUSERS, TOPCOATS, OVERCOATS, RAINCOATS, SPORT TROUSERS, AND SPORT COATS.
Claims use since Oct. 10, 1937.

Reg. No. 363,497. Registered Dec. 27, 1938. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WEATHER WARDEN

FOR MEN'S SPORT JACKETS.
Claims use since July 25, 1938.

Reg. No. 364,038. Registered Jan. 17, 1939. ROTHSCHILD BROS. HAT COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

MIRAKAL

FOR MEN'S, YOUTHS', AND BOYS' HATS.
Claims use since July 2, 1938.

Reg. No. 366,443. Registered Apr. 11, 1939. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

PANDA

FOR HOSIERY.
Claims use since Nov. 8, 1938.

Reg. No. 367,459. Registered May 16, 1939. BEAR BRAND HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

NOR'WESTER

FOR HOSIERY.
Claims use since Dec. 8, 1938.

Reg. No. 375,896. Registered Mar. 5, 1940. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Chaperon
ARISTOCRATIC fashions

The words "Aristocratic Fashions" are disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since July 15, 1939.

Reg. No. 375,897. Registered Mar. 5, 1940. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Sporkridge Exclusives

The word "Exclusives" is disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since July 15, 1939.

Reg. No. 375,898. Registered Mar. 5, 1940. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Tailored DURWOOD Modes

The words "Tailored Modes" are disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since July 15, 1939.

Reg. No. 376,051. Registered Mar. 12, 1940. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

STAGLEY TAILORED MODES

The words "Tailored Modes" are disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since July 15, 1939.

Reg. No. 378,034. Registered May 21, 1940. BEAR BRAND HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant.

BRUINS

FOR HOSIERY.
Claims use since Jan. 15, 1940.

Reg. No. 378,902. Registered June 25, 1940. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Skywood TAILORED

The word "Tailored" is disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since July 15, 1939.

Reg. No. 379,001. Registered June 25, 1940. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

glenisle

FOR MEN'S MUFFLERS.
Claims use since Aug. 17, 1939.

Reg. No. 385,611. Registered Mar. 11, 1941. THE FASHION BOOTERY, Seattle, Wash., a corporation of Washington. Republished by registrant.

Fashion Debs

The word "Fashion" is disclaimed apart from the mark as shown.
FOR SHOES MADE OF RUBBER, LEATHER AND/OR FABRIC.
Claims use since Nov. 20, 1939.

Reg. No. 386,130. Registered Mar. 25, 1941. BEAR BRAND HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

AIRWAY

FOR HOSIERY.
Claims use since Nov. 6, 1940.

Reg. No. 389,432. Registered Aug. 5, 1941. M. H. RAAB-MEYERHOFF CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

TELLE-VOGUE PIMA

The words "Vogue" and "Pima" are disclaimed apart from the mark as shown.
FOR OUTER SHIRTS.
Claims use since Dec. 10, 1940.

Reg. No. 393,206. Registered Jan. 27, 1942. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Velda ORIGINAL ©

The word "Original" is disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since June 24, 1941.

Reg. No. 393,648. Registered Feb. 24, 1942. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Pinto

FOR MEN'S OUTER SHIRTS.
Claims use since June 24, 1941.

Reg. No. 399,664. Registered Jan. 26, 1943. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RINGSIDER

FOR MEN'S AND BOYS' UNDERWEAR.
Claims use since Mar. 28, 1941.

Reg. No. 402,719. Registered Aug. 10, 1943. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Vera Whistler Original

The word "Original" is disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since Jan. 2, 1943.

Reg. No. 406,699. Registered Apr. 18, 1944. THE FASHION BOOTERY, Seattle, Wash., a corporation of Washington. Republished by registrant.

"Spring About" Casuals

The word "Casuals" is disclaimed apart from the mark as shown.
FOR SHOES MADE OF RUBBER, LEATHER, AND/OR FABRIC.
Claims use since May 15, 1938.

Reg. No. 408,083. Registered July 18, 1944. LAMM BROTHERS, INC., Baltimore, Md., a corporation of Maryland. Republished by registrant.

PITCHSHOULDER

FOR OVERCOATS, RAINCOATS, TOPCOATS, SUIT COATS, AND SPORT COATS.
Claims use since Dec. 12, 1943.

Reg. No. 429,894. Registered May 20, 1947. CARL GUTMANN & CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

PICTORAMA

FOR LADIES', MISSES', MEN'S, AND BOYS' POLO SHIRTS AND SWEATERS.
Claims use since Oct. 15, 1945.

Reg. No. 432,546. Registered Sept. 2, 1947. DAVID FLEGENHEIMER, Jamaica, N. Y. Republished by registrant, present location New York, N. Y.

DEVINET

FOR HAIRNETS.
Claims use since Aug. 27, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 81,756. Registered May 2, 1911. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa. Republished by Strawbridge & Clothier, Philadelphia, Pa., a corporation of Pennsylvania.

HUMIDOR

FOR LINEN PIECE GOODS, TABLE CLOTHS, AND NAPKINS.
Claims use since July 1, 1910.

Reg. No. 184,189. Registered May 20, 1924. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

PENNWOOD

FOR SHEETS, PILLOWCASES, AND BOLSTER CASES.
Claims use since Jan. 1, 1919.

Reg. No. 236,215. Registered Dec. 6, 1927. N. J. RICHMAN CO., New York, N. Y., a corporation of New York. Republished by registrant.



FOR TABLE LINENS EMBROIDERED BY HAND IN SPAIN.
Claims use since June 1, 1927.

Reg. No. 247,075. Registered Sept. 18, 1928. A. S. HERRMANN, INC., New York, N. Y. Republished by Herrmann & Jacobs Corp., New York, N. Y., a corporation of New York.



No claim is made to the word "Linens" apart from the mark as shown.
FOR TEXTILES OF LINEN—NAMELY, TABLECLOTHS, SHEETS, PILLOWCASES, NAPKINS, LUNCHEON SETS, DOILIES, SCARFS, CARD-TABLE SETS, BEDSPREADS, BOLSTER CASES, BOLSTER SHAMS, BREAKFAST SETS, TEA SETS, DINNER SETS, AND TOWELS.
Claims use since June 1927.

Reg. No. 343,192. Registered Feb. 9, 1937. TERHUNE, YERRANCE & WOLFF, INC., New York, N. Y. Republished by Berkshire Woolen Company, Pittsfield, Mass., a corporation of Massachusetts.



The word "Twist" is disclaimed apart from the mark as shown.
FOR WOOLEN AND WORSTED FABRICS IN THE PIECE.
Claims use since November 1935.

Reg. No. 344,803. Registered Apr. 6, 1937. THE ASTRUP COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.



The word "Brand" is disclaimed apart from the mark as shown.
FOR COTTON PIECE GOODS, INCLUDING AWNING FABRICS.
Claims use since Sept. 1, 1936.

Reg. No. 358,438. Registered July 12, 1938. THE ASTRUP COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PEE GEE

FOR COTTON PIECE GOODS—NAMELY, AWNING FABRICS.
Claims use since Jan. 24, 1938.

Reg. No. 399,738. Registered Jan. 26, 1943. N. J. RICHMAN CO., New York, N. Y., a corporation of New York. Republished by registrant.

"Richglow"

FOR TABLECLOTHS, SCARFS, DOILIES, BEDSPREADS, AND NAPKINS.
Claims use since May 1, 1941.

Reg. No. 408,826. Registered Aug. 29, 1944. TERHUNE, YERRANCE & WOLFF, INC., New York, N. Y. Republished by Virginia Woolen Company, Winchester, Va., a corporation of Virginia.

AGOLA

FOR WOOLEN AND WORSTED FABRICS IN THE PIECE.
Claims use since Mar. 14, 1944.

Reg. No. 418,062. Registered Nov. 27, 1945. TERHUNE, YERRANCE, & WOLFF, INC., New York, N. Y. Republished by Berkshire Woolen Company, Pittsfield, Mass., a corporation of Massachusetts.

MOSSDOWN

FOR WOOLEN AND WORSTED FABRICS IN THE PIECE.
Claims use since June 22, 1945.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 68,356. Registered Mar. 31, 1908. CHARLES A. BERTRAM, Chicago, Ill. Republished by Deans Laboratories, Inc., Chicago, Ill., a corporation of Illinois.

EASY

FOR TEMPORARY FILLING FOR TEETH.
Claims use since some day prior to Jan. 1, 1906.

Reg. No. 292,019. Registered Mar. 1, 1932. SAN-NAP-PAK MANUFACTURING CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

STYLEPAK

FOR SANITARY NAPKINS.
Claims use since Mar. 1, 1931.

Reg. No. 303,714. Registered June 6, 1933. SAN-NAP-PAK MANUFACTURING COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

San-nap-pak

FOR SANITARY NAPKINS AND SANITARY BELTS.
Claims use since Dec. 1, 1925.

Reg. No. 409,266. Registered Sept. 26, 1944. THE CELLOSILK MFG. COMPANY, Barrington, Ill., a corporation of Illinois. Republished by registrant.

Cellosilk

FOR CHEMICAL TISSUE FOR USE AS A SURGICAL DRESSING.
Claims use since October 1917.

Reg. No. 414,865. Registered July 3, 1945. SAN-NAP-PAK MFG. CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

SANAPAK

FOR SANITARY NAPKINS.
Claims use since Mar. 6, 1944.

Reg. No. 415,677. Registered Aug. 14, 1945. E. F. MAHADY COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The drawing is lined for the color green.
FOR INVALIDS' BEDSIDE CABINETS, INVALIDS' STRAIGHT CHAIRS, ALLERGY PILLOWS, MEDICATED PILLOWS, AND INVALIDS' MATTRESSES.
Claims use since April 1921.

Reg. No. 418,475. Registered Dec. 25, 1945. HORTON & CONVERSE, Los Angeles, Calif., a corporation of California. Republished by registrant.

PERCUTAINER

FOR COMBINATION CONTAINER AND DEVICE FOR DELIVERING MEASURED AMOUNTS OF SOLID, SEMI-SOLID OR GELATINOUS MATERIALS, FOR PERCUTANEOUS ADMINISTRATION.
Claims use since Oct. 20, 1941.

Reg. No. 428,111. Registered Mar. 11, 1947. PURITAN COMPRESSED GAS CORPORATION, Kansas City, Mo., a corporation of Missouri. Republished by registrant.



FOR EQUIPMENT USED FOR THE ADMINISTRATION OF ANESTHETIC, RESUSCITATION AND THERAPEUTIC GASES—NAMELY, REGULATORS, CYLINDER BASES, CYLINDER TRUCKS, WRENCHES, ADAPTERS, PORTABLE CYLINDER STANDS, FLOWMETERS, AUDIBLE WARNING SIGNALS, AND HUMIDIFYING CONTAINERS INTERPOSED BETWEEN THE FITTINGS WHICH TRANSFER THE GAS FROM THE RESERVOIR OR BOTTLE TO THE POINT OF ADMINISTRATION.
Claims use since Jan. 5, 1944.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 119,429. Registered Nov. 20, 1917. CHIPPEWA SPRINGS CORPORATION, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

CHIPPEWA



FOR NATURAL SPRING WATER, ROOT BEER, SARSAPARILLA, DRY GINGERALE PREPARED OR COMPOUNDED AS BEVERAGES FROM THE SAID NATURAL SPRING WATER.
Claims use since Dec. 16, 1892.

Reg. No. 130,164. Registered Apr. 13, 1920. CHIPPEWA SPRINGS CORPORATION, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

CHIPPEWA

FOR SPRING WATER, ROOT BEER, SARSAPARILLA, DRY GINGERALE, GRAPE, WILD CHERRY, ORANGE, RASPBERRY, AND STAWBERRY CIDER PREPARED OR COMPOUNDED AS BEVERAGES FROM NATURAL SPRING WATER.
Claims use since Dec. 16, 1892.

Reg. No. 369,075. Registered July 11, 1939. H. E. BUTT GROCERY COMPANY, Harlingen and Corpus Christi, Tex., a corporation of Texas. Republished by registrant.

H.E.B.

FOR CANNED CITRUS JUICES FOR BEVERAGE PURPOSES.
Claims use since Apr. 30, 1938.

Reg. No. 369,293. Registered July 18, 1939. HARLINGEN CANNING COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.

BESTEX

FOR CANNED CITRUS JUICES FOR BEVERAGE PURPOSES.
Claims use since Mar. 15, 1937.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 48,459. Registered Jan. 2, 1906. CHARLES GULDEN, New York, N. Y. Republished by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y., a corporation of New York.

DON CARLOS

FOR OLIVES.
Claims use since Jan. 6, 1892.

Reg. No. 50,396. Registered Mar. 13, 1906. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RED CROSS

FOR CEREAL PASTE GOODS, SUCH AS MACARONI, SPAGHETTI, AND VERMICELLI.
Claims use since April 1872.

Reg. No. 52,980. Registered May 22, 1906. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



STAR

FOR CEREAL PASTE FOODS, SUCH AS MACARONI, SPAGHETTI, AND VERMICELLI.
Claims use since April 1, 1868.

Reg. No. 53,099. Registered May 29, 1906. CHARLES GULDEN, New York, N. Y. Republished by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y., a corporation of New York.

KING

FOR OLIVES.
Claims use since Jan. 16, 1905.

Reg. No. 58,713. Registered Dec. 25, 1906. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

SWAN'S DOWN

FOR BAKING POWDER.
Claims use since about Jan. 1, 1894.

Reg. No. 62,560. Registered May 14, 1907. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR CANNED VEGETABLES, CANNED FRUITS, CANNED SOUPS, DRIED AND PRESERVED FRUITS, EGGS, GELATIN (USED AS A FOOD), NUTS, SPICES, SOUP-TABLETS, SAUCES, PICKLES, MUSTARD, TAPIOCA, SAGO, AND VINEGAR.
Claims use since May 1, 1877.

Reg. No. 71,005. Registered Oct. 20, 1908. ZENO MANUFACTURING CO., Chicago, Ill. Republished by Wm. Wrigley Jr. Company, Chicago, Ill., a corporation of Delaware.

ZENO

FOR CHEWING GUM.
Claims use since January 1890.

Reg. No. 79,806. Registered Oct. 11, 1910. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.

Old Mansion

FOR COFFEE.
Claims use since May 27, 1910.

Reg. No. 127,075. Registered Oct. 21, 1919. JOHN F. LALLA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Blackstone

The word "Blackstone" is disclaimed apart from the mark as shown.
FOR CANNED FRUITS, CANNED VEGETABLES, CANNED SALMON.
Claims use since Apr. 8, 1916.

Reg. No. 177,686. Registered Dec. 25, 1923. L. R. HAMILTON, Reedley, Calif. Republished by L. R. Hamilton, Inc., Reedley, Calif., a corporation of California.



The drawing is lined to indicate the color red.
FOR FRESH GRAPES.
Claims use since June 1, 1923.

Reg. No. 181,676. Registered Mar. 25, 1924. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

RED LABEL

FOR CANNED FRUITS AND CANNED VEGETABLES.
Claims use since Apr. 1, 1887.

Reg. No. 185,143. Registered June 10, 1924. SIOUX HONEY ASS'N., Sioux City, Iowa. Republished by Sioux Honey Association, Cooperative, Sioux City, Iowa, a corporation of Iowa.



FOR STRAINED AND COMBED HONEY.
Claims use since on or about Jan. 1, 1923.

Reg. No. 201,540. Registered July 28, 1925. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.

OLD MANSION

FOR TEAS, SPICES.
Claims use since Sept. 13, 1923.

Reg. No. 227,922. Registered May 17, 1927. HENRY NORMAN SAURAGE, doing business as Baton Rouge Coffee Mills, Baton Rouge, La. Republished by Community Coffee Mills, Baton Rouge, La., a firm.

COMMUNITY BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR COFFEE.
Claims use since Apr. 1, 1919.

Reg. No. 229,784. Registered July 5, 1927. H. G. HILL STORES, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

VELVA

FOR BLEND OF PURE COFFEE AND A BLEND OF COFFEE AND CHICORY.
Claims use since November 1925.

Reg. No. 237,680. Registered Jan. 17, 1928. CHAMPION ANIMAL FOOD CO., Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.



The words "Dog Biscuit" and the representation of the dog biscuit are disclaimed apart from the mark as shown.
FOR DOG FOOD.
Claims use since Apr. 1, 1903.

Reg. No. 246,218. Registered Sept. 4, 1928. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.

"Taste is the Test"

FOR COFFEE AND TEA.
Claims use since April 1923.

Reg. No. 255,043. Registered Apr. 9, 1929. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR MACARONI, SPAGHETTI, VERMICELLI, NOODLES AND TABLE SAUCE THEREFOR.
Claims use since Apr. 1, 1868.

Reg. No. 260,296. Registered Aug. 20, 1929. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The drawing is lined for red and blue. The representation of the wrapper is disclaimed apart from the mark shown.

FOR MACARONI, SPAGHETTI, VERMICELLI, AND NOODLES AND VARIETIES THEREOF CALLED ALIMENTARY PASTE GOODS.
Claims use since on or about Dec. 13, 1917.

Reg. No. 265,005. Registered Dec. 10, 1929. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.

BEACON LIGHT



The representation of the goods and the container are disclaimed apart from the mark as shown.
FOR COFFEE.
Claims use since May 16, 1929.

Reg. No. 266,766. Registered Feb. 4, 1930. WM. FILENE'S SONS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Filene's

FOR BABY FOODS, PRESERVES (GINGER, CANDY, NUTS, JELLIES, JAMS), OLIVE OIL.
Claims use since Jan. 1, 1928.

Reg. No. 268,727. Registered Mar. 18, 1930. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BABY

FOR ALIMENTARY PASTE GOODS.
Claims use since on or about Mar. 20, 1929.

Reg. No. 268,939. Registered Mar. 25, 1930. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.

AKUPPA

FOR COFFEE.
Claims use since Feb. 18, 1904.

Reg. No. 278,258. Registered Dec. 9, 1930. JOSEPH ANTOGNOLI & COMPANY, Chicago, Ill. Republished by Joseph Antognoli & Co., Chicago, Ill., a corporation of Illinois.

SOLÉ

FOR CANNED TOMATO PASTE AND CANNED TUNA FISH.
Claims use since Aug. 21, 1929.

Reg. No. 280,986. Registered Mar. 3, 1931. ALBERS PACKING COMPANY, Riverside, Calif. Republished by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y., a corporation of New York.

HOUSE PARTY

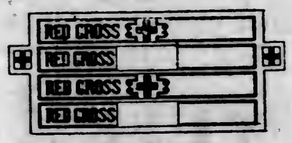
FOR CANNED OLIVES.
Claims use since Sept. 30, 1930.

Reg. No. 293,391. Registered Apr. 19, 1932. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill., a corporation of Delaware. Republished by registrant.



The word "Oil" is disclaimed apart from the mark.
FOR EDIBLE VEGETABLE OILS.
Claims use since Feb. 26, 1931.

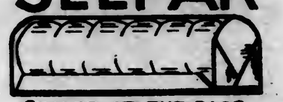
Reg. No. 299,839. Registered Dec. 27, 1932. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The crosses are lined for the color red.
FOR MACARONI, SPAGHETTI, VERMICELLI, AND NOODLES AND VARIETIES THEREOF, WHICH ARE REFERRED TO IN THE TRADE AS MACARONI PRODUCTS AND ALSO AS ALIMENTARY PASTE GOODS.
Claims use since May 16, 1932.

Reg. No. 306,572. Registered Sept. 26, 1933. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

SEEPAK



The representation of the goods and container or any of the words except "Seepak" are disclaimed apart from the mark as shown.
FOR BAKED GOODS—NAMELY, BREAD, PASTRY, CRULLERS, ROLLS, COOKIES, CAKE, AND POTATO CHIPS, DRIED, CANDIED AND BUTTERED POPCORN, DRIED AND CANNED PRUNES, AND RAISINS.
Claims use since Feb. 18, 1932.

Reg. No. 308,792. Registered Dec. 19, 1933. H. G. HILL STORES, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

CREOLE

FOR COFFEE, CANNED PEAS AND OLEOMARGARINE.
Claims use since December 1896.

Reg. No. 321,225. Registered Jan. 22, 1935. EZRA LEVIN, Chicago, Ill. Republished by registrant.

VioBin

FOR CEREAL GRAIN GERM PRODUCT EMPLOYED AS A FOOD OR INGREDIENT OF A FOOD.
Claims use since Dec. 2, 1933.

Reg. No. 323,235. Registered Apr. 9, 1935. THE KOSTO CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

KOSTO-FREEZE

FOR PREPARATIONS USED IN MAKING ICE CREAM AND OTHER FROZEN FOOD PRODUCTS.
Claims use since June 30, 1934.

Reg. No. 331,517. Registered Jan. 14, 1936. PEOPLES BAKING CO., Orangeburg, S. C. Republished by Palmetto Baking Company, Orangeburg, S. C., a corporation of South Carolina.

MELL-O-KRUST

FOR BREAD.
Claims use since July 15, 1935.

Reg. No. 357,471. Registered June 7, 1938. SCOTTS VALLEY FRUIT EXCHANGE, Lakeport, Calif., a corporation of California. Republished by registrant.



No claim is made to the representation of a label.
FOR FRESH DECIDUOUS FRUITS—NAMELY, FRESH PEARS.
Claims use since August 1937.

Reg. No. 359,041. Registered Aug. 2, 1938. CALIFORNIA CONSUMERS CORPORATION, Los Angeles, Calif., a corporation of California. Republished by registrant.

Best Circles

FOR CANNED CITRUS JUICE FOR FOOD PURPOSES.
Claims use since Nov. 5, 1937.

Reg. No. 368,250. Registered June 13, 1939. HARLINGEN CANNING COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.



The representation of the label is disclaimed apart from the mark as shown.
FOR CANNED VEGETABLES.
Claims use since Feb. 2, 1938.

Reg. No. 370,290. Registered Aug. 22, 1939. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELTOSE

FOR ALGINATE PRODUCT FOR USE AS A COLLOIDAL STABILIZER IN MERINGUE, ICINGS, AND CONFECTIONERIES.
Claims use since about Feb. 23, 1939.

Reg. No. 373,130. Registered Nov. 28, 1939. H. E. BUTT GROCERY COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.

H.E.B.

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED CITRUS JUICES FOR FOOD PURPOSES, BREAD, TEA, COFFEE, VEGETABLE SHORTENING, ICE CREAM, WHEAT FLOUR, CORNMEAL, SPICES, BUTTER, CANNED OLIVES, PICKLES, FRUIT PRESERVES, SALAD DRESSINGS, VINEGAR, BREAKFAST CEREALS, RICE, PEANUT BUTTER, BAKING POWDER, COCOA, GELATIN DESSERT, CANNED SOUPS, SOAKED PEAS, CANNED MEXICAN STYLE BEANS, DRIED BLACK EYED PEAS, CANNED PORK AND BEANS, AND CANNED EVAPORATED MILK.
Claims use since Apr. 30, 1938.

Reg. No. 398,438. Registered Oct. 27, 1942. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR ALIMENTARY PASTES, SUCH AS SOUP ALPHABETS AND BABY SEA SHELLS.
Claims use since April 1872.

Reg. No. 398,439. Registered Oct. 27, 1942. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RED CROSS

FOR ALIMENTARY PASTES SUCH AS SOUP ALPHABETS AND BABY SEA SHELLS.
Claims use since April 1872.

Reg. No. 398,527. Registered Nov. 3, 1942. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR ALIMENTARY PASTES SUCH AS SOUP ALPHABETS AND BABY SEA SHELLS.
Claims use since Dec. 13, 1917.

Reg. No. 402,027. Registered June 22, 1943. N. GIANANDREA, San Jose, Calif. Republished by registrant.

KLICK

FOR FRESH VEGETABLES.
Claims use since 1940.

Reg. No. 404,483. Registered Nov. 30, 1943. CALIFORNIA CONSERVING COMPANY, INCORPORATED, San Francisco, Calif. Republished by Hunt Foods, Inc., Los Angeles, Calif., a corporation of Delaware.

PICKLE PUSS



The word "Pickle" is disclaimed apart from the mark as shown.
FOR SWEET PICKLES AND TOMATO CATSUP.
Claims use since Apr. 17, 1942.

Reg. No. 419,335. Registered Feb. 12, 1946. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

SHERBELIZER

FOR ALGIN PRODUCT CONTAINING SUGAR AND DEXTRIN USED TO STABILIZE SHERBETS AND ICES.
Claims use since on or about Apr. 13, 1945.

Reg. No. 432,215. Registered Aug. 26, 1947. CHRIS SORENSEN, Parlier, Calif. Republished by registrant.



FOR FRESH DECIDUOUS FRUITS—NAMELY, PEACHES, GRAPES, NECTARINES, AND PLUMS.
Claims use since June 18, 1945.

CLASS 47

WINES

Reg. No. 310,916. Registered Mar. 13, 1934. BERINGER BROS., INC., St. Helena, Calif., a corporation of Nevada. Republished by registrant.

SPARKLER

FOR WINES.
Claims use since Mar. 10, 1916.

Reg. No. 323,218. Registered Apr. 9, 1935. GORDON-O'NEILL CO. INC., New York, N. Y. Republished by Gordon-O'Neill Company, Jersey City, N. J., a firm.

REDWOOD

FOR WINE.
Claims use since Dec. 22, 1933.

Reg. No. 348,570. Registered Aug. 3, 1937. BISCEGLIA BROTHERS CORP., Philadelphia, Pa. Republished by Margo Wine Company, Philadelphia, Pa., a corporation of Pennsylvania.

ADAIR

FOR WINES.
Claims use since Jan. 2, 1936.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 73,856. Registered May 25, 1909. D. G. YUENGLING & SON, Pottsville, Pa. Republished by D. G. Yuengling & Son, Incorporated, Pottsville, Pa., a corporation of Pennsylvania.



FOR BEER.
Claims use since 1829.

Reg. No. 371,156. Registered Sept. 19, 1939. COLUMBIA BREWING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.





The words "Nothing Finer Out of a Bottle," "Brau" and "Beer" are disclaimed apart from the mark as shown.
FOR BEER.
Claims use since Jan. 12, 1939.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 305,579. Registered Aug. 22, 1933. UNITED DISTILLERS, LTD., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada. Republished by registrant.

COACHING DAYS

FOR WHISKEY AND GIN.
Claims use since July 16, 1930.

Reg. No. 311,120. Registered Mar. 13, 1934. UNITED DISTILLERS, LTD., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada. Republished by registrant.

Golden Slipper

FOR GIN.
Claims use since Sept. 15, 1930.

Reg. No. 311,243. Registered Mar. 20, 1934. UNITED DISTILLERS, LTD., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada. Republished by registrant.

Mountain Rose

FOR WHISKEY.
Claims use since Jan. 1, 1929.

Reg. No. 316,353. Registered Aug. 21, 1934. GORDON-O'NEILL CO. INC., New York, N. Y. Republished by Gordon-O'Neill Company, Jersey City, N. J., a firm.

CASTLE HALL

FOR GIN AND WHISKEY.
Claims use since May 7, 1934.

Reg. No. 316,721. Registered Sept. 4, 1934. "BIG 4" DISTILLERIES, INC., Dundalk, Md. Republished by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada.

COTTON CLUB

The word "Club" is disclaimed apart from the mark as shown.
FOR WHISKEY, GIN AND BRANDY.
Claims use since May 15, 1934.

Reg. No. 316,723. Registered Sept. 4, 1934. "BIG 4" DISTILLERIES, INC., Dundalk, Md. Republished by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada.

BOWLING GREEN

FOR WHISKEY, GIN AND BRANDY.
Claims use since May 15, 1934.

Reg. No. 316,724. Registered Sept. 4, 1934. "BIG 4" DISTILLERIES, INC., Dundalk, Md. Republished by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada, a corporation of The Dominion of Canada.

APPLE BLOSSOM

FOR WHISKEY, GIN AND BRANDY.
Claims use since May 15, 1934.

Reg. No. 318,371. Registered Oct. 23, 1934. POTOMAC DISTILLING CORPORATION, Baltimore, Md. Republished by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada.

HAYMARKET

FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS.
Claims use since July 11, 1934.

Reg. No. 334,203. Registered Apr. 21, 1936. T. J. PENDERGAST WHOLESALE LIQUOR CO., INC., Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Old 1889 Brand

The word "Brand" is disclaimed apart from the mark as shown.
FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS.
Claims use since March 1915.

Reg. No. 346,559. Registered June 1, 1937. T. J. PENDERGAST WHOLESALE LIQUOR CO., INC., Kansas City, Mo., a corporation of Missouri. Republished by registrant.

P AND M

FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS.
Claims use since July 1935.

Reg. No. 354,060. Registered Feb. 1, 1938. GORDON-O'NEILL CO., INC., New York, N. Y. Republished by Gordon-O'Neill Company, Jersey City, N. J., a firm.

BALTIMORE CLUB

B&C

FOR WHISKEY.
Claims use since 1868.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 358,386. Registered July 12, 1938. COLD SPRING GRANITE COMPANY, Cold Spring, Minn., a corporation of Minnesota. Republished by registrant.

DIAMOND GRAY

The word "Gray" is disclaimed apart from the mark as shown.
FOR CEMETERY MONUMENTS, HEADSTONES, GRAVE MARKERS, AND GRANITE MEMORIALS.
Claims use since Jan. 1, 1935.

Reg. No. 360,240. Registered Sept. 13, 1938. COLD SPRING GRANITE COMPANY, Cold Spring, Minn., a corporation of Minnesota. Republished by registrant.

DIAMOND PINK

The word "Pink" is disclaimed apart from the mark as shown.
FOR STONE MONUMENTS, MARKERS, TABLETS, TOMBSTONES, MAUSOLEUMS, AND MEMORIALS.
Claims use since June 28, 1937.

Reg. No. 361,400. Registered Oct. 18, 1938. COLD SPRING GRANITE COMPANY, Cold Spring, Minn., a corporation of Minnesota. Republished by registrant.

RAINBOW

FOR STONE MONUMENTS, MARKERS, TABLETS, TOMBSTONES, MAUSOLEUMS, AND MEMORIALS.
Claims use since July 1, 1925.

Reg. No. 404,871. Registered Dec. 28, 1943. COLD SPRING GRANITE COMPANY, Cold Spring, Minn., a corporation of Minnesota. Republished by registrant.

The RAINBOW LINE

The drawing is lined for the colors red, orange, yellow, green, blue, and violet.
FOR STONE MONUMENTS, MARKERS, TABLETS, TOMBSTONES, MAUSOLEUMS AND MEMORIALS.
Claims use since July 1, 1942.

REISSUES

SEPTEMBER 7, 1948

23,037

SPOTTING PASTE

Leon Adler, St. Louis, Mo.

No Drawing. Original No. 2,396,667, dated March 19, 1946, Serial No. 406,438, August 11, 1941. Application for reissue May 17, 1946, Serial No. 670,335

2 Claims. (Cl. 106—272)

1. A testing paste composition for use with a master standard piece to visibly indicate places of contour deviation of a work piece therefrom, said paste being non-hardening, non-drying and non-volatile and consisting of paraffine wax modified with a substantially non-volatile pasty petrolatum and constituting the dominant ingredients, and a small amount of a dissolved dye to color the paste throughout.

PATENTS

GRANTED SEPTEMBER 7, 1948

2,448,506
PRODUCTION OF ITACONIC ACID
Joseph A. Ambler, New Orleans, La., and Alfred Laurence Curl, Winter Haven, Fla., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application September 10, 1946. Serial No. 696,020
5 Claims. (Cl. 260—537)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

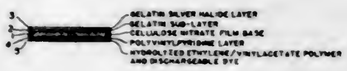
1. A process comprising partially neutralizing an aqueous solution of aconitic acid with a basic inorganic compound to give a resulting pH of the solution from 1 to 4, and heating the resulting solution to decompose the aconitic acid into itaconic acid and carbon dioxide.

2,448,507
PHOTOGRAPHIC ELEMENTS HAVING ANTIHALATION LAYER COMPOSED OF VINYLPYRIDINE POLYMER WITH VINYLPYRIDINE POLYMER SUBLAYER AND OUTER PROTECTIVE LAYER
Francis Peter Alles, North Plainfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application August 1, 1946, Serial No. 687,709
5 Claims. (Cl. 95—9)



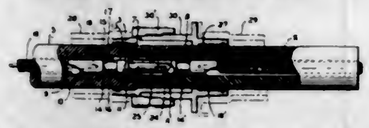
1. A photographic element comprising a support which transmits actinic light, a light-sensitive colloid silver halide emulsion layer on one surface of said support and on the other surface of said support, in order, a clear layer composed of a water-insoluble vinylpyridine polymer which is soluble in 1% aqueous acetic acid, an antihalation layer composed of such a vinylpyridine polymer which is soluble in 1% aqueous acetic acid and contains an antihalation material, and an antiabrasion layer composed of a water-soluble film-forming material.

2,448,508
PHOTOGRAPHIC ELEMENTS HAVING A SILVER HALIDE LAYER AND AN ANTIHALATION LAYER ON A POLYVINYLPYRIDINE LAYER
Francis Peter Alles, North Plainfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 5, 1947, Serial No. 739,645
3 Claims. (Cl. 95—9)



1. A photographic element comprising a support which transmits light rays, a light-sensitive silver halide emulsion layer on one side of the support, a sublayer on the opposite side of the support consisting of a water-insoluble vinylpyridine polymer which is soluble in 1% aqueous acetic acid which carries a water-permeable colloid layer containing a dischargeable dye which absorbs light of wave lengths to which the emulsion is sensitive.

2,448,509
ELECTRICAL CONNECTOR
Charles Antony, Jr., Baldwin, and David Mannheimer, Hempstead, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application May 14, 1943, Serial No. 487,048
5 Claims. (Cl. 173—328)



1. An electrical connector comprising, tapered recessed male and female insulating portions connected together along a long tapered surface, male and female contact members mounted within the recesses of said male and female portions near the low side of said surface, respectively, and spring means mounted on said contact members and engaging in said recessed portions for removably retaining said contact members in place, said spring means having bowed central portions for releasably engaging said recessed portions and said spring means central portions being yieldable upon application of predetermined pulls upon said contact members to effect the disengaging of said spring means from said male and female portions and the release of said contact members therefrom.

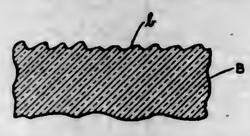
2,448,510
CHLORINATION OF STARCH AND PRODUCTS THEREOF
Harold Nathan Barham, Manhattan, Kans., assignor to Sharples Chemicals Inc., Philadelphia, Pa., a corporation of Delaware
No Drawing. Application February 20, 1945, Serial No. 578,957
28 Claims. (Cl. 260—209)

1. In the chlorination of starch, the process comprising maintaining the starch immersed in liquid chlorine maintained under super-atmospheric pressure until chemical combination between the starch and chlorine has occurred, said chemical combination resulting in the evolution of hydrogen chloride, and maintaining in the sphere of reaction a molecular ratio of chlorine to hydrogen chloride of at least approximately 6 to 1 during any stage of said chlorination when the degree of chlorination of said starch is less than 18%.

2,448,511
GLOSSING CORUNDUM AND SPINEL
Malcolm H. Barnes and Edward L. McCandless, Kenmore, N. Y., assignors to The Linde Air Products Company, a corporation of Ohio
Application October 1, 1943, Serial No. 504,544
14 Claims. (Cl. 117—121)

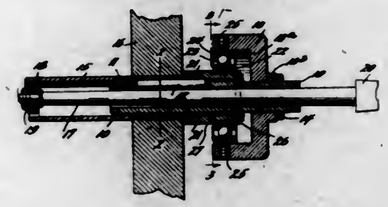
1. A process for glossing a unicrystalline body of material selected from the group consisting

of corundum and spinel comprising applying to a rough surface of such a body in thin film of at least one substance selected from the group consisting of metal oxides and substances forming metal oxides fulfilling at least one of the



following requirements: having a melting point lower than such material forming a eutectic with such material, forming a low melting peritectic with such material, and forming a solid solution with such material; and subsequently heat bonding such film to said surface.

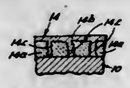
2,448,512
TUBE EXPANDER
Newell Brackett, Bala Cynwyd, Pa.
Application January 8, 1947, Serial No. 720,780
4 Claims. (Cl. 153—82)



1. A tube expanding tool comprising a roller cage, a plurality of expanding rollers rotatably mounted in said cage, a tapered mandrel extending through said cage for rotation therewith and longitudinal movement therein for moving said rollers radially outwardly, a housing mounted on said cage for rotation therewith and longitudinal adjustment therealong, said housing having a cylindrical recess in its forward end, a stop collar rotatably mounted in said housing recess and movable longitudinally with said housing when the housing is adjusted on the cage, said stop collar extending forwardly out of said housing recess for engagement with the end of a tube being expanded to limit the distance said cage and rollers may enter said tube and to cease rotation of the collar upon engagement with said tube to protect the tube against wear during continued rotation of said cage and housing, said stop collar overhanging said expanding rollers so that the inner surface of the collar engages and limits the outward radial movement of said rollers to prevent overexpansion of said tube and to tactually signal the operator when the expanding operation has been completed.

2,448,513
ELECTROSTATIC CONDENSER PLATE
Joseph B. Brennan, Bratenahl, and Leona Marsh Conrad, Cleveland, Ohio; said Conrad assignor to said Brennan
Application November 26, 1942, Serial No. 467,044
1 Claim. (Cl. 204—38)

A plate for an electrostatic condenser comprising a piece of aluminum having a coating of a compound containing aluminum and oxygen thereon, said coating being porous and absorbent and presenting a flat, substantially white, nonmetallic appearance before impregnation, and being produced by subjecting the aluminum to electrolysis in an aqueous solution of a film forming material and a potential condensation prod-



uct of urea and formaldehyde at such a voltage that sparking takes place on the surface of the metal, said coating being impregnated with a dielectric material which fills the pores of the coating and penetrates substantially to the underlying metal and is thereby keyed to the metal.

2,448,514
HEAT-TREATING MACHINE
William F. Butler, Hillside, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application March 24, 1945, Serial No. 584,549
4 Claims. (Cl. 34—113)

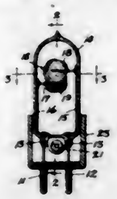


1. A machine for heat treating flexible sheet material, comprising a plurality of horizontally spaced hollow rotatable rolls having cylindrical heat conducting surfaces substantially tangentially engageable at their upper portions only with the moving sheet material, magnetic means on the interior of each of said rolls for holding the sheet material against the upper surfaces of the rolls, means for supporting and rotating the rolls with their sheet engaging surfaces relatively vertically spaced transversely to the direction of travel of the sheets to define an undulatory path of sheet travel so as to flex the moving sheet material, and means for imparting a predetermined temperature to the heat conducting surfaces of said rolls.

2,448,515
DYED CELLULOSE ETHERS AND DYEING OF FABRICS THEREWITH
William B. Carroll, Jr., Schoolfield, Va., assignor to Dan River Mills, Incorporated, a corporation of Virginia
No Drawing. Application September 5, 1947, Serial No. 772,459
9 Claims. (Cl. 117—166)

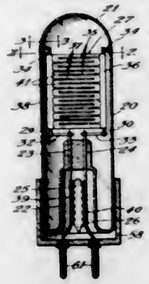
1. A method of dyeing textile material with dyed alkyl cellulose ether, which cellulose ether is originally in finely divided, fibrous form and is dyed by subjecting it in the solid state to the dissolved dyestuffs and developing solutions suitable for dyeing raw stock cotton and thereby producing a dyed cellulose ether in completely developed condition, comprising dissolving said dyed alkyl cellulose ether in an aqueous caustic alkali solution, treating the textile material with this alkali solution, treating the textile material with an acid solution that precipitates the dyed alkyl cellulose ether onto the fibers of the textile material, washing and drying the textile material.

2,448,516
PHOTOCELL OF LEAD SULFIDE
Robert J. Cashman, Glenview, Ill., assignor to Northwestern University, a corporation of Illinois
Application August 1, 1945, Serial No. 608,143
35 Claims. (Cl. 201—63)



1. The method of making a photoconductive resistance element which consists in depositing lead sulfide upon a surface by evaporation and condensation, and subjecting the lead sulfide during or after deposition to limit quantities of oxygen.

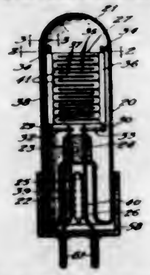
2,448,517
PHOTOCELL
Robert J. Cashman, Glen View, Ill., assignor to Northwestern University, a corporation of Illinois
Application February 9, 1944, Serial No. 521,594
21 Claims. (Cl. 201—63)



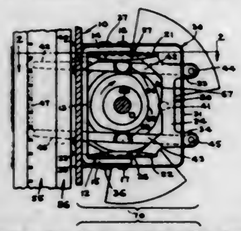
1. In a photo-sensitive cell, a hermetically sealed envelope having a wall capable of transmitting radiations in the infra-red region of the spectrum, a photo-sensitive surface in the envelope adapted to receive infra-red radiations passing through said wall, said surface including a deposit of activated thallous sulfide which has been formed on the surface by evaporating a quantity of chemically pure thallous sulfide in the envelope while under a vacuum and then activating the thallous sulfide which condenses on the surface by admitting limited quantities of oxygen to the envelope.

2,448,518
PHOTOCELL
Robert J. Cashman, Glenview, Ill., assignor to Northwestern University, a corporation of Illinois
Application April 7, 1944, Serial No. 530,038
12 Claims. (Cl. 201—63)

1. The method of activating thallous sulphide which consists in forming a deposit of thallous sulphide on a surface, and causing it to have a limited reaction with oxygen while maintained under partial vacuum in the presence of a catalyst and while under the influence of heat, and then sealing the activated material from the atmosphere without thereafter subjecting it to uncontrolled oxidation.



2,448,519
INTERMITTENT FILM FEED MECHANISM
Roy A. Clapp, Minneapolis, Minn., assignor, by mesne assignments, to Argus, Incorporated, Ann Arbor, Mich., a corporation of Michigan
Application July 19, 1944, Serial No. 545,624
2 Claims. (Cl. 88—18.4)

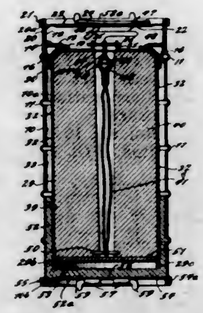


1. Apparatus for intermittently feeding a film having a succession of indicia bearing frames and a cooperating longitudinal series of equally spaced similar feed perforations past an exposure aperture comprising a claw feed mechanism having two fixedly spaced claws adapted to be disposed in non-adjacent perforations respectively above and below said exposure aperture when moving the film, and means for actuating said mechanism to successively insert said claws into said perforations, shift said claws in the desired direction of film movement for a distance slightly more than the longitudinal dimension of one of said frames, withdraw said claws from the film and then shift the claws in the opposite longitudinal direction to return them to starting position, the leading edges of said claws being spaced apart in the direction of film movement a distance slightly greater than the center to center distance between the engaged perforations, so that during the normal film advancing stroke of said mechanism the leading claw is in contact with the leading edge of its associated perforation to thereby pull the film positively past said exposure aperture and the trailing claw is free of contact with the leading edge of its associated perforation and so that when the claws are moved into engagement with the film to start each cycle of film feed the leading claw will slightly clear the leading edge of its associated perforation, and each of said claws having its dimension longitudinally of the film sufficiently less than the corresponding dimension of each perforation that both of said claws will clear the trailing edges of said associated perforations when moved into engagement with the film.

2,448,520
ESTERS
Martin E. Cupery, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 16, 1943, Serial No. 510,487
14 Claims. (Cl. 260—410.8)
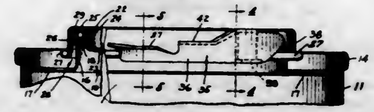
1. A polyhydric alcohol ester of a benzoic acid selected from the group which consists of those in which the carboxy aryl group is linked directly by a single bond to an ethylenically bonded carbon and those in which the carboxy aryl group is linked to an ethylenically bonded carbon through a carbonyl group.

2,448,521
EMERGENCY SIGNALING DEVICE
Martin Dwyer, Hewlett Bay Park, N. Y.
Application May 17, 1943, Serial No. 487,261
7 Claims. (Cl. 102—37.8)



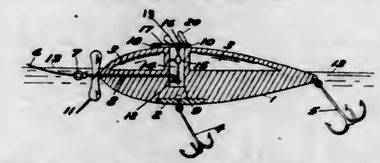
1. In a signalling device adapted to be held in hand during use, an outer container, an inner container for smoke producing compound or the like, means for hermetically sealing said inner container and its contents within said outer container, a cup-like spacing member secured to said outer casing and extending into it, said cup-like member having an opening in its bottom, means extending downwardly from said bottom to center an end of said inner container relative to said outer container, a heat insulating liner lying between portions of said inner container at one end and said downwardly extending means, a jacket of insulating material surrounding said inner container for a part of its length near its other end, said downwardly extending means of said spacing member, said heat insulating liner and said jacket serving to maintain said liner container spaced from said outer container and heat insulated therefrom, said outer container having an opening, a removable closure member normally hermetically closing said last-named opening, said inner container having escape openings to permit easy and voluminous escape therethrough to said last-named opening of smoke developed by said smoke producing compound upon its being burned within said inner container after removal of said closure member from said last-named opening, and means within said outer container for igniting said smoke producing compound access to which is made available upon removal of said closure member.

2,448,522
CAN COVER REMOVER
George C. Erb, Forest Hills West, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application September 5, 1945, Serial No. 614,534
4 Claims. (Cl. 220—43)



2. A container comprising in combination, a neck wall portion projecting outwardly from and surrounding an opening therein and terminating in a curled seat edge, a reclosure cover for said opening, said cover having a peripheral channel engageable over said curled seat edge and defined by an inner upstanding wall frictionally engageable with said curled seat edge and an outer depending wall disposed in spaced and substantially parallel relation to said inner wall and to said neck wall portion, said outer wall terminating in a curled pry-off edge, and a cover pry-off lever disposed adjacent said curled pry-off edge and having a cam end, said lever also having a lateral wall portion extending along one edge thereof for supporting the lever on the pry-off edge of said cover, said lateral wall portion terminating adjacent the outer surface of said depending outer wall of the cover, said lever adjacent its cam end having a locking lug extending beneath said cover pry-off edge and thence outwardly between the depending outer wall of said cover and said outwardly projecting container neck wall portion to a locality adjacent the lateral wall portion of the lever for permanently and loosely connecting the lever to the cover, whereby said lever is freely movable around the cover and vertically tiltable to bring its cam end into engagement with the container with a prying action at will around the cover for removing the cover from the container.

2,448,523
FISH LURE
Augustus F. Fibiger, Toledo, Ohio
Application November 28, 1945, Serial No. 631,443
1 Claim. (Cl. 43—43)



A fish lure body adapted to respond to line draft for less than full submergence in water, a crank shaft extending forwardly from a mid-portion of the body, a line-draft connection to the shaft forwardly of the body, a water wheel fixed to the shaft aft of the connection and forwardly of the body, said body having an upwardly open well from its mid-portion in which well the crank of the shaft is located, a slide guide in the well disposed upwardly from the shaft, a lever pivotally connected to the crank and extending upwardly thru the guide to protrude above the well open top, an eye on the body top forwardly of the well, an arm connected to the eye and to the protruding portion of the lever whereby the arm will respond to the crank rotation by up and down and side sway combined movements, pairs of wing

strips fixed to the arm for approximating water dip for the free end tips thereof in flutter-like movements relatively to the body from the arm operations, and a plurality of fish-ensnaring hooks swingably mounted on the body in intercepting direction of fish ascent toward attacking the wing flutter action of the strips.

2,448,524

COATED GRANULAR RESIN AND PROCESS OF MAKING SAME

Edmund John Gentner, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 7, 1947, Serial No. 784,752
8 Claims. (Cl. 117—100)

4. The process which comprises mixing granular polyvinyl acetate wet with water, with an amount of dialkali metal adipate equal to about 0.1 to 1% of the dry weight of said polymer and a quantity of a sulfated alcohol alkali metal salt having 8 to about 18 carbon atoms equal to 5 to 30% of the weight of said adipate and subsequently drying said polymer at a temperature of about 40 to 100° C.

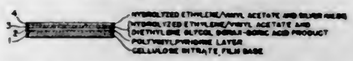
8. As a new composition of matter, granular, thermoplastic polyvinyl acetate having individual granules thereof coated with an amount of dialkali metal adipate equal to about 0.1 to 1% of the dry weight of the polymer and an amount of a sulfated alcohol alkali metal salt containing 8 to about 18 carbon atoms equal to about 5 to 30% of the weight of said adipate.

2,448,525

PHOTOGRAPHIC ELEMENTS BEARING A POLYVINYLPYRIDINE SUBLAYER, A LAYER CONTAINING A SOLUBLE BORON COMPOUND AND A SILVER HALIDE SYNTHETIC HYDROXYL POLYMER LAYER AND THEIR PREPARATION

Charles F. Glick, New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application November 27, 1946, Serial No. 712,733
9 Claims. (Cl. 95—9)



1. A photographic element comprising a support, a water-insoluble film-forming vinylpyridine polymer sublayer on said support, a synthetic hydroxyl polymer intermediate layer on said support containing a soluble boron compound capable of yielding borate ions on said sublayer and a gelled synthetic hydroxyl polymer silver halide emulsion layer on said intermediate layer said hydroxyl polymer containing a plurality of recurring intralinear

$$-CH_2-\underset{|}{C}HOH-$$

groups and said vinylpyridine polymer being soluble in 1% aqueous acetic acid.

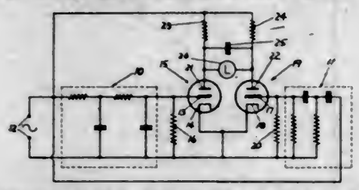
2,448,526

FREQUENCY DISCRIMINATING CIRCUITS

Thomas A. O. Gross, Boston, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application April 10, 1946, Serial No. 660,888
7 Claims. (Cl. 250—27)

1. A frequency discriminator comprising: means connected to a source of alternating voltage of varying frequency for deriving therefrom two alternating-voltage portions whose phases differ equally and oppositely from the phase of said source at a selected frequency; means also connected to said source of alternating voltage for deriving therefrom two additional alternating-voltage portions which are in phase with



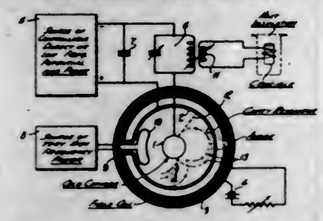
said source; and means receptive of said out-of-phase and in-phase alternating-voltage portions for deriving therefrom a unidirectional output whose amplitude and sense are functions, respectively, of the magnitude and sense of any deviation of the frequency of said alternating voltage from said selected frequency.

2,448,527

COLD CATHODE ELECTRON DISCHARGE DEVICE AND CIRCUITS THEREFOR

Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application September 8, 1944, Serial No. 553,138
14 Claims. (Cl. 250—36)



1. The method of operating a magnetron oscillator having a secondary emissive cold cathode and a surrounding anode structure, which comprises exciting said oscillator with very high frequency power of a frequency higher than the desired output frequency, and supplying said anode with an oscillating potential which oscillates between a value which is positive relative to said cathode and much higher than what would be the normal cut-off potential in the magnetron in the absence of output oscillations to thereby inhibit the growth of secondary electrons from said cathode, and a value below the normal cut-off potential but which is still positive relative to said cathode at which last value there is a growth of secondary electrons.

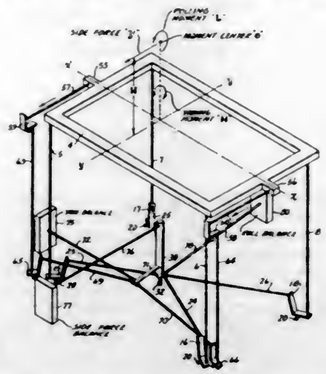
2,448,528

WIND TUNNEL BALANCE

Herbert M. Heuver, Dayton, Ohio

Application May 2, 1944, Serial No. 533,786
9 Claims. (Cl. 73—147)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. In a wind tunnel balance system for measuring forces and moments on a model being tested, a model support, a floating frame secured to said support and having six degrees of freedom with respect to three mutually perpendicular lift, drag and rolling coordinate axes, a floating lever, a lift balance connected to said lever, linkage connected to said lever at a common point, said linkage being adapted to apply components of force therein along the axis of said lever and to apply components of force in planes at right angles to each other and normal to said lever at said common point as a measure of pitch and rolling moments respectively acting on said frame, pitch and rolling moment balances respectively connected to said lever common point in the respective planes of the application of the respec-



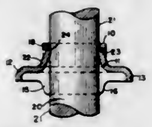
tive moment force components thereto, separate linkages for transmitting drag and side forces from said frame to said lever, said separate linkages being respectively connected to said lever at points spaced from said common point and adapted to produce a reaction at said point equal and opposite the net force thereon due to moments on said frame due respectively to drag and side force moments exerted on said frame, and drag and side force balances connected to said lever beyond the connection of said drag and side force linkages.

2,448,529

VALVE STOP COLLAR

Charles B. Johnson, Pittsburgh, Pa., assignor to Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application June 24, 1946, Serial No. 678,963
10 Claims. (Cl. 251—154)



1. A stop collar for rotary valves having a body provided with stop means and a valve stem projecting therefrom, comprising a die-stamped sheet metal member having a sleeve portion to receive the valve stem and a flange portion at one end of said sleeve portion provided with spaced stop lugs to contact the stop means on the valve body and limit rotation of the valve stem in each direction, and a plurality of resiliently yieldable locking tongues struck inwardly from the wall of said sleeve, projecting from said flange toward the opposite end of the sleeve and having free end edges adapted to bite into surfaces of the valve stem and lock said collar against axial or rotative movement on the stem in axially fixed relation to the valve body.

2,448,530

MODIFIED SILICONE COMPOSITIONS

Henry F. Jones, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

No Drawing. Application November 30, 1945, Serial No. 632,085
17 Claims. (Cl. 260—46.5)

1. A curable composition comprising (1) a solid, elastic, curable methylpolysiloxane containing an average of from 1.98 to 2.00 methyl groups per silicon atom, said solid methylpolysiloxane having been obtained by condensing a liquid consisting of polymeric dimethylsiloxane containing up to 2 mol per cent copolymerized monomethylsiloxane, (2) from 0.1 to 6 per cent, by weight, based on the weight of (1), of a substance selected from the class consisting of mercury, oxides of mercury and salts of mercury, and (3) a peroxide cure accelerator for (1).

2,448,531

RESINOUS COPOLYMER OF ISOPROPENYL ACETATE

William O. Kenyon and Cornelius C. Unruh, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application July 23, 1943, Serial No. 495,888
16 Claims. (Cl. 260—78.5)

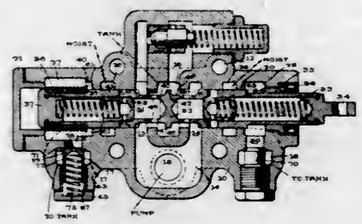
1. A resinous copolymer of isopropenyl acetate and an ester selected from the group consisting of an ester of a monohydric alcohol and maleic acid and an ester of monohydric alcohol and fumaric acid, the molecular ratio of isopropenyl acetate to said ester in the copolymer being from 1:1.9 to 1:0.9.

2,448,532

AUTOMATIC POWER POSITION HOLD FOR CONTROL VALVES

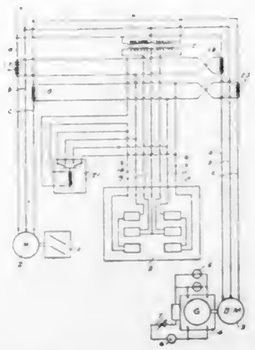
Hall Kirkham, Cleveland, Ohio, assignor to Hydraulic Control Engineering Company, Cleveland, Ohio, a corporation of Ohio

Application September 9, 1946, Serial No. 695,680
11 Claims. (Cl. 277—20)



1. A control valve for use between a pump, a tank and a double acting hydraulic hoist, in combination, a housing having two hoist ports and two low pressure chambers, a plunger reciprocable in said housing, resilient centralizing means for said plunger, each end of the plunger having an effective area exposed in one of said chambers whereby pressure therein exerts longitudinal effort on the plunger, means to connect one of said chambers to one of said ports when the plunger is manually moved in one direction and vice versa, a discharge outlet for each chamber and a spring pressed discharge valve for each outlet to resist flow therethrough.

2,448,533
CONSISTENCY METER
Harold Warren Laurance, Coulee Dam, Wash.
Application June 18, 1946, Serial No. 677,472
1 Claim. (Cl. 73—54)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



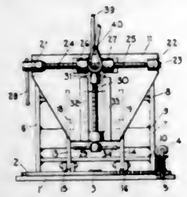
In a device for determining the consistency of a batch of concrete or the like being mixed in a mixing machine driven by an electric motor, a second motor having electrical characteristics similar to those of the mixer motor, a controllable load for said second motor, a potential transformer bank connected in the power line to the two motors, a current transformer in the power line to the mixer motor, a current transformer in the power line to the said second motor, a circuit for balancing the secondary currents of said current transformers, a wattmeter having its potential windings connected to said potential transformer and its current windings connected to said circuit, for indicating any difference in the said secondary currents.

2,448,534
SENSITIZED PHOTOGRAPHIC CELLULOSE ESTER SILVER HALIDE EMULSION
Wesley G. Lowe and Raife G. Tarkington, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 6, 1946, Serial No. 681,766
20 Claims. (Cl. 95—7)

1. A photographic silver halide emulsion in which the silver halide is dispersed in a hydrolyzed cellulose carboxylic ester containing from 19% to 33% by weight of acyl groups, said emulsion containing ethylene diamine.

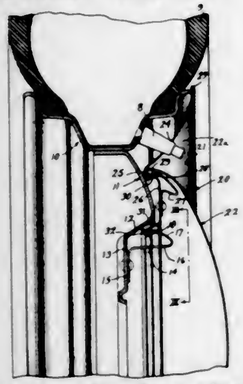
2,448,535
ROTATABLE STAND FOR SUPPORTING CABLE-THIMBLE VISE VERTICALLY OR HORIZONTALLY
Robert M. Leveira, San Francisco, Calif.
Application October 31, 1945, Serial No. 625,929
1 Claim. (Cl. 81—17.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

In a vise, a base, a frame including a pair of uprights and at least one cross member, means supporting said frame on said base for rotatable movement relative thereto about a normally vertical axis, means retaining said frame in rotatably adjusted position, a table hingedly connected to said frame for movement between a horizontally disposed position and a vertically disposed position, bearing means on said table, a spindle journaled in said bearing means and having a right hand screw threaded portion and a left hand screw threaded portion, a pair of clamp blocks threadedly engaged with the threaded portions of said spindle, additional bearing means on said table, a spindle threadedly engaged with



said additional bearing means and disposed perpendicularly to said first named spindle, a clamp block journaled to said second named spindle and being cooperable with said first named clamp blocks to clamp an object, brace means hinged to said frame, means on said table cooperable with said brace means to retain said table in horizontally disposed position, and means on said table cooperable with said cross member to retain said table in vertically disposed position.

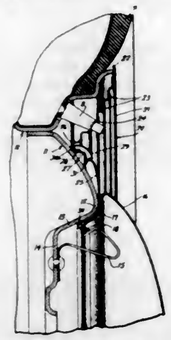
2,448,536
WHEEL COVER
George Albert Lyon, Allenhurst, N. J.
Application May 12, 1945, Serial No. 593,471
6 Claims. (Cl. 301—37)



1. In a cover structure for a wheel including tire rim and body parts and cover retaining means, a wheel cover for the outer side of the wheel having an inner turned margin provided with a resilient flexible cushion and having an outer portion engageable with one of said wheel parts, said cushion upon engagement by said retaining means yielding until said outer portion of the cover tightly bears against said wheel in tensioned engagement therewith.

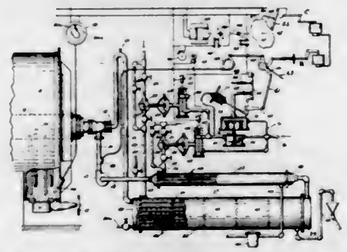
2,448,537
WHEEL COVER
George Albert Lyon, Allenhurst, N. J.
Application August 27, 1945, Serial No. 612,842
6 Claims. (Cl. 301—37)

1. In a cover structure for a wheel including a tire rim and a body part, a cover including inner and outer cover portions extending in substantially divergent relation from an annular axially outward opening junction groove, the outer portion being dimensioned to extend in concealing relation to the tire rim and having its junction portion opposite the body part, said inner portion extending inwardly in concealing relation to the body part and having a generally radially outwardly facing shoulder at the junction and



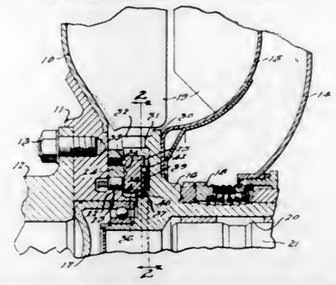
an outwardly opening groove at the axially outer side of said shoulder, and a reinforcing annular bead having an underturned outer edge bottomed in said junction groove and an underturned inner edge resting in said groove in the inner cover portion, said shoulder having radially outwardly protruding retaining bumps behind which said turned inner edge of the reinforcing bead is engaged in snap-on relationship.

2,448,538
CYCLIC REGULATION OF CRYSTALLIZERS
John E. Mason, Denver, Colo., assignor to The Stearns-Roger Manufacturing Company, Denver, Colo., a corporation of Colorado
Application September 20, 1943, Serial No. 503,085
12 Claims. (Cl. 257—4)



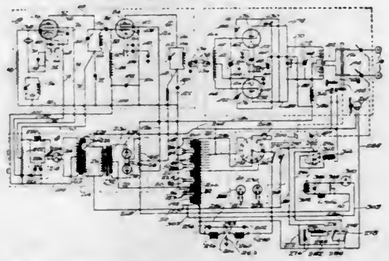
3. In a crystallizer comprising a tank for holding a quantity of mother liquor and a heat transfer element for changing the temperature of the mother liquor, means providing a closed circuit for circulating heat exchange fluid through said element, means for heating the fluid in said closed circuit, means for cooling the fluid in said closed circuit, means automatically movable to a plurality of positions for selectively actuating said heating means and said cooling means, means responsive to the temperature of said fluid for maintaining temperatures of said fluid predetermined in accordance with the position of said actuating means, and signalling means operated upon the actuation of said heating means for indicating the start of the heating period of said crystallizer.

2,448,539
FLUID COUPLING WITH CENTRIFUGAL LOCKUP MEANS
Edwin R. Maurer, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application February 19, 1945, Serial No. 578,631
9 Claims. (Cl. 192—3.2)



1. In combination with a fluid coupling having a driving element, a driven element and a fluid operable therebetween as a driving means, lock-up means for locking said elements against relative rotation, and blocker means for holding said lock-up means out of locking position when said driving element overruns said driven element and for releasing said lock-up means to permit locking said elements at predetermined speeds when said driven element overruns said driving element.

2,448,540
ELECTROPHYSIOTHERAPEUTIC APPARATUS
Rolland H. Maxson, Milton, Wis., assignor to The Burdick Corporation, Milton, Wis., a corporation of Delaware
Application June 25, 1943, Serial No. 492,251
8 Claims. (Cl. 128—422)

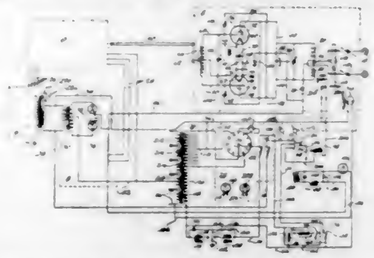


1. An electro-therapeutic apparatus of the type comprising an oscillation generator and a patient's circuit, including an amplifier coupled to said generator and patient's circuit, the coupling between the amplifier and patient's circuit comprising an amplifier plate tank circuit having a very high full load effective Q.

2,448,541
ELECTROPHYSIOTHERAPEUTIC APPARATUS
Rolland H. Maxson, Milton, Wis., assignor to The Burdick Corporation, Milton, Wis., a corporation of Delaware
Original application June 25, 1943, Serial No. 492,251. Divided and this application April 16, 1947, Serial No. 741,769
12 Claims. (Cl. 128—422)

6. An electrotherapeutic apparatus of the type comprising an oscillation generator and a pa-

tient's circuit, including coupling means adjustable between minimum and other coupling positions for transferring energy from the oscillation generator to the patient's circuit, means for adjusting said coupling means, an overload mechanism connected to be responsive to an overload



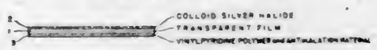
condition in the oscillation generator and operable to cut off the supply of energy to the patient's circuit upon occurrence of such an overload, and means operable by said adjusting means to reset the overload mechanism when said adjusting means is adjusted to substantially the minimum coupling position.

2,448,542

PHOTOGRAPHIC ELEMENTS HAVING ANTIHALATION LAYERS COMPOSED OF VINYLPYRIDINE POLYMERS AND ANTIHALATION MATERIALS

David Malcolm McQueen and Clay Weaver, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application August 1, 1946, Serial No. 687,708
8 Claims. (Cl. 95—9)



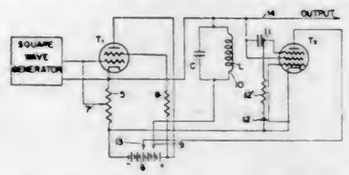
1. A photographic element comprising a support which transmits light, a light-sensitive layer on one side of said support and an antihalation layer on the other side of the support comprising a water-insoluble vinylpyridine polymer which is soluble in 1% aqueous acetic acid and an antihalation material.

2,448,543

CIRCUIT FOR PERIODICALLY GENERATING OSCILLATIONS

James R. Moore, Rumson, N. J., assignor to the United States of America as represented by the Secretary of War

Application November 28, 1942, Serial No. 467,271
4 Claims. (Cl. 250—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



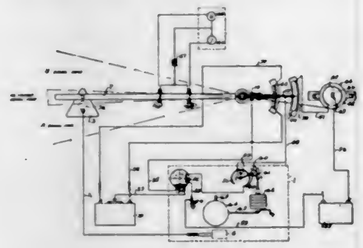
1. Apparatus for producing electrical oscillations comprising, a resonant circuit, means for periodically shunting said resonant circuit with a variable impedance whereby said resonant circuit is caused alternately to oscillate and to cease oscillating, and an electronic circuit having a negative resistance characteristic coupled to said resonant circuit for maintaining the output thereof at predetermined amplitude levels during the oscillating periods.

2,448,544

AUTOMATIC SIMULATED TWO POINTER GLIDE PATH FOR GROUND TRAINING

Carl W. Muller, Osborn, Ohio

Application March 1, 1940, Serial No. 321,727
3 Claims. (Cl. 35—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. A blind landing indicating system for aviation ground trainers, comprising a signalling system for simulating a landing runway localizer beam indicating device and a control means for said signalling system, a reference surface, a course indicator movably supported on said surface and adapted to have a controlled motion proportional to the simulated velocity in flight of an aircraft and in an equivalent direction thereto, a connection between said course indicator and said signal control means for actuating said signal control means in response to deviation of said course indicator from a predetermined course on said reference surface representing the said landing runway, a second signal system for indicating simulated descent of said aircraft along a predetermined simulated glide path, and a control means for said second signal system actuated by said course indicator in accordance with the velocity thereof and simultaneously operated in accordance with the simulated rate of descent of said aircraft.

2,448,545

BATTLE SLED

John W. O'Daniel, Newark, Del.

Application November 28, 1944, Serial No. 565,559
4 Claims. (Cl. 280—12)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



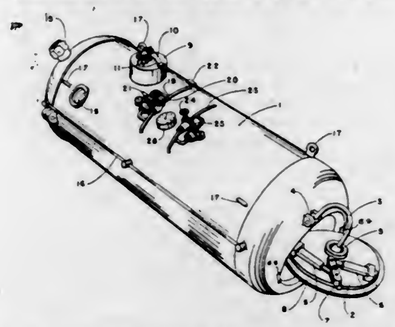
1. In combination with a vehicle, a series of sleds, each of said sleds being substantially of the same size and shape and being adapted to carry a single person in prone position, means to secure the following sleds to the leading sleds, said means including a pin on the rear of the runner of the leading sled and an aperture in the runner on the following sled, said securing means being substantially in the plane of the runner, and means for towingly attaching said series to said vehicle.

2,448,546

PORTABLE RECOMPRESSION CHAMBER

Lawrence M. Piemel and Bl'l J. Abernathy, Jr., United States Navy

Application September 4, 1945, Serial No. 614,326
3 Claims. (Cl. 128—204)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



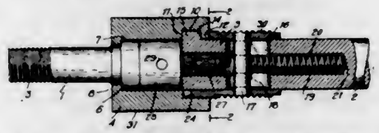
1. In a portable recompression chamber, a casing having a substantially elliptical open end with notches in the periphery of the opening, and a closure device having an arm pivoted to said casing adjacent said opening; said device comprising a substantially elliptical plate universally connected to said arm so that it can be moved into the interior of said casing, and a quick-acting toggle mechanism upon said plate and comprising elements shiftable into said notches to position said plate when it is closed.

2,448,547

COUPLING FOR RODS, CABLES, AND THE LIKE

George W. Purdy, Laurelton, N. Y.

Application August 6, 1943, Serial No. 497,612
13 Claims. (Cl. 287—103)



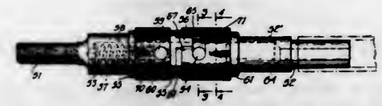
1. A coupler for rods, cables and the like comprising a female member having a channel formed interiorly thereof near one end with a multiplicity of inwardly projecting arcuate shaped lugs, said lugs forming one side of the channel and a part of the end surface of the female member and a male member having a multiplicity of fixed lugs corresponding in shape, position and size to the lugs of said female member which pass through the slots between the lugs of the female member and enter the channel and when locked being disposed behind the lugs of the female member and said male member having longitudinally movable lugs movable as a unit and having widths corresponding to the widths of the slots and the last-named lugs being biased to occupy positions between the first-named lugs when the parts are coupled together, said female member having an end surface flush with the end surfaces of said lugs carried thereby and the lugs of said male member having flush end surfaces for engaging the lugs of the female member.

2,448,548

COUPLING

George W. Purdy, Laurelton, N. Y.

Application April 5, 1944, Serial No. 529,580
9 Claims. (Cl. 287—104)



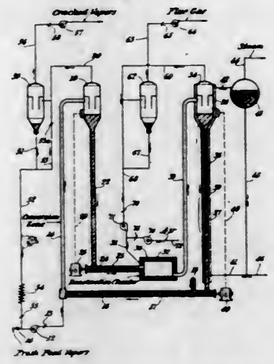
1. A coupler of the character set forth comprising a male member, a female member and a locking sleeve member, said locking sleeve member being non-rotatably mounted upon said male member but longitudinally movable thereon and biased to locking position, said sleeve member having a locking lug projecting from one end thereof, said male member having a coupling lug disposed on the periphery thereof at a point adjacent to said locking lug, and said female member having a longitudinal slot for accommodating the coupling lug in the coupling and uncoupling operations and the locking lug in the coupled position, said slot terminating in a circumferential slot for the reception of the coupling lug, and a coupling member upon which said female member is swiveled for rotary movements and said coupling member and said male member having their ends interlocking for transmission of rotary power.

2,448,549

APPARATUS FOR CATALYTIC CONVERSION OF HYDROCARBON VAPORS

Carl S. Reed, New York, and August Henry Schutte, Tuckahoe, N. Y., assignors to The Lummus Company, New York, N. Y., a corporation of Delaware

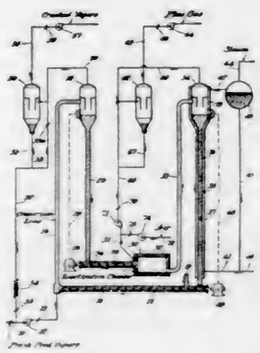
Application January 29, 1941, Serial No. 376,486
4 Claims. (Cl. 23—288)



1. In a catalytic conversion apparatus including a conversion chamber and a catalyst-reactiva-

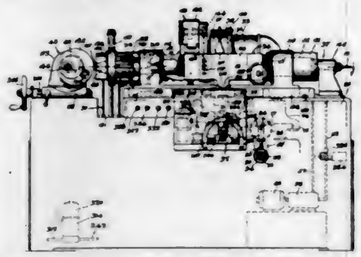
tion chamber, and a closed cyclic catalyst path therebetween including a vertical conduit, means for passing catalyst from one of said chambers to the upper end of said conduit, means for discharging the catalyst from the lower end of said conduit to the other of said chambers, said conduit being constructed to form a column of the received catalyst for compacting of the latter by gravity to maintain a required pressure differential between said chambers by sealing effect of the compacted catalyst, and a level control device responsive to fluctuations in the level of the catalyst in the conduit to control said discharge of the catalyst from the conduit for retention of a head of catalyst sufficient for maintaining said pressure differential.

2,448,550
HEAT RECOVERY SYSTEM FOR CATALYTIC CONVERSION PROCESSES
Carl S. Reed, New York, and August Henry Schutte, Hastings on Hudson, N. Y., assignors to The Lummus Company, New York, N. Y., a corporation of Delaware
Continuation of application Serial No. 476,564, February 20, 1943, which is a division of application Serial No. 376,486, January 29, 1941. This application January 6, 1947, Serial No. 720,394
7 Claims. (Cl. 196—52)



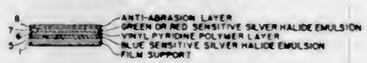
1. The method of continuously carrying out a catalytic hydrocarbon reaction, which comprises continuously feeding catalyst and vaporous reactants through a conversion zone, separating reacted products from spent catalyst, continuously feeding spent catalyst through a reactivation zone in the presence of reactivating gas, continuously separating the reactivating gas from the reactivated catalyst, returning the catalyst to the conversion zone, maintaining a vertical head of catalyst in a gravity-packed mass to form a seal between the first separation zone and the reactivation zone and between the second separation zone and the conversion zone such that a pressure differential may be maintained, maintaining a pressure differential between said zones, introducing water into indirect heat exchange relation with the vertical head of catalyst between the reactivation zone and the conversion zone and removing the steam generated from the zone of indirect heat exchange.

2,448,551
GRINDING MACHINE
Simon E. Schroeder, Ripon, Wis., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis., a corporation of Delaware
Application May 12, 1944, Serial No. 535,339
58 Claims. (Cl. 51—95)



2. A grinding machine comprising, in combination, a grinding wheel mounted on a horizontal axis, a work holder swingable on a horizontal axis substantially parallel to the grinding wheel axis at one side thereof, means for controlling the swinging movement of said work holder and acting thereon in a downwardly direction at a radius from the axis thereof, and work supporting means mounted in said work holder at a radius from the work holder axis considerably less than half of the first-mentioned radius and adapted to be swung in an arc upwardly and toward the grinding wheel at an acute angle to the peripheral surface thereof upon swinging movement of the work holder to feed the work toward the wheel, the difference in said radii and the angular movement of the work toward the grinding wheel thereby providing a relatively small feeding movement of the work for a relatively large movement of the controlling means.

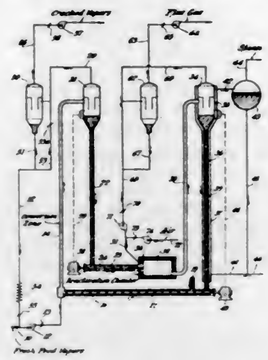
2,448,552
PHOTOGRAPHIC ELEMENTS HAVING LIGHT-SENSITIVE AND WATER-INSOLUBLE VINYLPYRIDINE POLYMER LAYERS
Ferdinand Schulze, Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application November 27, 1946, Serial No. 712,723
8 Claims. (Cl. 95—2)



1. A photographic element comprising a support, a light-sensitive hydrophilic silver halide colloid layer on said support, and a water-insoluble vinylpyridine polymer layer which is soluble in 1% aqueous acetic acid and is in adhesive contact with the colloid layer.
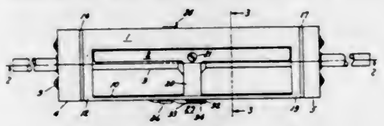
2,448,553
PROCESS FOR RECYCLING CATALYST FINES IN A CATALYST CONVERSION SYSTEM
August Henry Schutte, Hastings on Hudson, and Carl S. Reed, New York, N. Y., assignors to The Lummus Company, New York, N. Y., a corporation of Delaware
Original application January 29, 1941, Serial No. 376,486. Divided and this application April 9, 1946, Serial No. 660,684
8 Claims. (Cl. 196—52)

1. In a catalytic hydrocarbon system wherein hydrocarbon vapors pass through a conversion zone and commingle in said conversion zone with finely divided catalyst in turbulent, suspended phase and thence to a first catalyst separating zone wherein the bulk of the spent catalyst is separated from the effluent vapors of the conversion zone and said spent catalyst is then introduced into a regeneration zone with an oxidizing gas which flows therethrough at such a velocity as to maintain the catalyst in a turbulent suspended phase, and wherein the bulk of re-



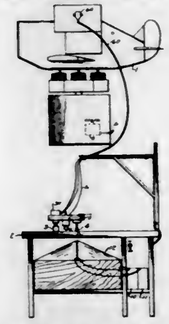
generated catalyst is then separated from the effluent gases of the regeneration zone in a second catalyst separating zone, the regenerated catalyst being returned in a closed circuit to said conversion zone, the improvement which comprises separately separating catalyst fines carried by the effluent vapors of the conversion zone and by the effluent gases of the regeneration zone, respectively, and directly injecting said fines back into the respective zones from which they were obtained.

2,448,554
ULTRA HIGH FREQUENCY TUNING UNIT
Nicholas T. Simopoulos, Dayton, Ohio
Application February 27, 1946, Serial No. 650,439½
3 Claims. (Cl. 250—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A radio frequency tuning unit having inductance and capacity variable by a single tuning operation, comprising stator means formed by a pair of arcuate plates united by structurally continuous arcuate end portions and spaced from each other to form a plurality of diametrical axial slots to provide inductive loops, rotor means formed by a pair of arcuate plates united intermediate their ends by a structurally continuous arcuate rib and spaced from each other to form a plurality of diametrical axial slots extending outwardly from said rib to the ends of said latter plates, said rotor means being radially spaced from said stator means to provide capacitance therebetween, and means for adjusting said rotor means circumferentially with respect to said stator means.

2,448,555
AUTOMATIC RADIO RANGE CONTROL FOR FLIGHT TRAINERS
Edward M. Sorensen, Dayton, Ohio; Helen S. Sorensen, administratrix of said Edward M. Sorensen, deceased
Application April 1, 1940, Serial No. 327,271
10 Claims. (Cl. 35—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



10. In combination, a reference surface, a course indicator movable relative to said reference surface and adapted to indicate the simulated course of an aircraft flight, a plurality of electric oscillators, a directive antenna connected to each of said oscillators for radiating a high-frequency electromagnetic field in definite zones over said reference surface, said fields being of different frequency, antenna pickup means mounted on said course indicator, a pair of resonant circuits respectively coupled to said pickup means and each responsive to the frequency of a different one of said fields, a signal generator for generating a plurality of positional signals of a different character and a plurality of control means each connected to one of said resonant circuits and to said signal generator and responsive to electromotive force generated in its respective resonant circuit for causing said signal generator to generate a signal of a character and volume dependent upon the electromotive force generated in each resonant circuit.

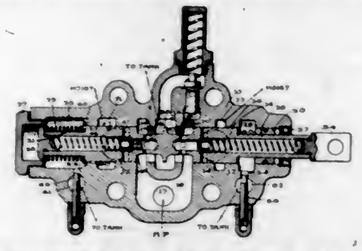
2,448,556
SYNTHETIC ELASTIC AND ELASTOMERIC PRODUCTS
Murray M. Sprung, Scotia, and Charles A. Burkhard, Alplaus, N. Y., assignors to General Electric Company, a corporation of New York
No Drawing. Application January 16, 1947, Serial No. 722,459
13 Claims. (Cl. 260—46.5)

1. A solid, elastic, curable polysiloxane consisting of methyl radicals, and hydrogen, silicon, and oxygen atoms obtained by condensing a liquid consisting of polymeric dimethylsiloxane containing (*a*) up to 2 mol per cent copolymerized monomethylsiloxane and (*b*) from 1.5 to 50 mol per cent copolymerized methylhydrogensiloxane.

2,448,557
CONTROL VALVE WITH OPERATING POSITION HOLD
William T. Stephens, Painesville, Ohio, assignor to Hydraulic Control Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application October 21, 1946, Serial No. 704,661
12 Claims. (Cl. 277—57)

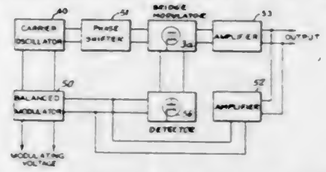
2. In a hydraulic control valve, in combination, a housing having a high pressure inlet chamber,

a liquid return chamber and two power chambers, a valve plunger, resilient means to centralize said plunger in the housing, said plunger being selectively movable manually to either side of center position to connect one power chamber to the in-



let chamber and the other to the liquid return chamber, and means dependent on liquid flow between said last mentioned chambers to hold said plunger in the position manually set in spite of said centralizing means.

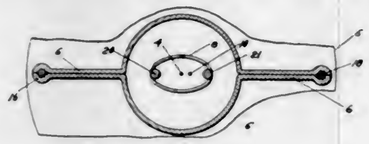
2,448,558
MODULATION NETWORKS
Edwin K. Stodola, Neptune, N. J.
Application November 17, 1942, Serial No. 465,922
47 Claims. (Cl. 179—171.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



6. A wave-length modulation system comprising a source of carrier voltage; a voltage-dividing circuit energized therefrom and including a resistor and an electron tube having such relative characteristics that control of the tube by the grid establishes a plate-cathode voltage drop bearing a substantially linear relationship to the modulating grid-voltage; means for deriving a modulated carrier voltage function from between two points, one being the juncture between the resistor and the tube, and the other being an intermediate point on the carrier voltage source; a source of modulating voltage; a balanced modulator for deriving a side-band voltage from said carrier source, as controlled by the modulating voltage; means for shifting the side-band voltage through a predetermined angle; means responsive to the modulating voltage in excess of a predetermined value for controlling the modulation of the tube to control the carrier voltage function; and means for combining the carrier voltage function and the shifted side-band voltage to provide a resultant phase modulated voltage.

2,448,559
ELECTRON DISCHARGE TUBE
Paul W. Stutsman, Needham, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application May 5, 1944, Serial No. 534,292
6 Claims. (Cl. 250—27.5)

1. An electron discharge tube comprising an hermetically sealed envelope containing an electrode assembly comprising an electron-emissive cathode, an anode, and a thin wire auxiliary electrode adjacent said cathode, the cross-sectional diameter of said auxiliary electrode being less



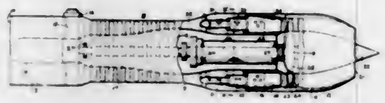
than a critical value of about 0.0015 inch, and the spacing of said auxiliary electrode from said cathode being less than a critical value of about 0.015 inch.

2,448,560
METHOD OF FORMING SCREENS FOR THE RECEPTION OF PROJECTED IMAGES
Robert O. Walker, Hartsdale, N. Y.
Application October 5, 1944, Serial No. 557,309
5 Claims. (Cl. 88—28.92)



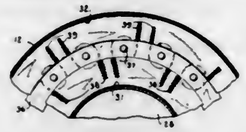
1. The method of forming a projection screen which consists in providing a sheet of closely woven fabric, impregnating said sheet with a sizing solution to stiffen the sheet, punching round holes throughout the area of said sheet with relatively wide separation, supporting said backing sheet in a horizontal plane, spraying upon one face of said sheet a coating of liquid plastic material and building up said coating in liquid state to a thickness which upon drying forms a smooth, outwardly flaring, light-reflecting surface symmetrically arranged around each aperture, and the flaring surfaces surrounding adjacent apertures merge into each other without substantially any intermediate flat surface.

2,448,561
GAS TURBINE APPARATUS
Stewart Way, Churchill Borough, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 1, 1946, Serial No. 666,374
3 Claims. (Cl. 263—19)



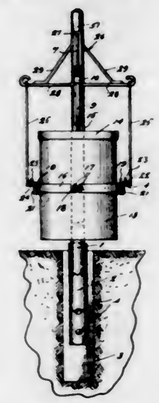
1. In a combustion chamber adapted for admission of fuel to the upstream end thereof and discharge of hot gases from the downstream end thereof, an annular wall comprising a plurality of annular sections of different sizes arranged concentrically and in order of increasing size from the upstream end toward the downstream end of said chamber with adjacent ends of the sections approximately aligned radially and with adjacent terminal portions of the sections radially spaced, and spacer members disposed in the radial spaces between adjacent terminal portions in overlapping relation to the latter.

2,448,562
COMBUSTION APPARATUS
Stewart Way, Churchill Borough, and Edwin P. Walsh, Boothwyn, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 24, 1946, Serial No. 678,932
5 Claims. (Cl. 263—19)



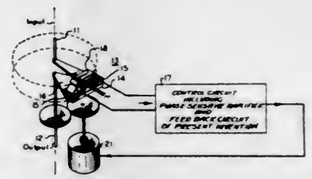
1. In combustion apparatus, wall structure defining a burner space and an overlapping air space, a plurality of spaced nozzles for admission of fuel sprays to said burner space, said wall structure being provided with a plurality of openings therethrough for passage of air from said overlapping air space to alternate spaces between adjacent fuel sprays within said burner space.

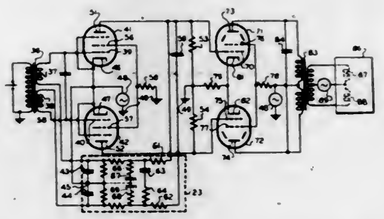
2,448,563
GARBAGE CAN HOLDER
Philip Wetzel, Houston, Tex.
Application November 12, 1946, Serial No. 709,165
5 Claims. (Cl. 248—146)



1. A garbage holder comprising a base, a pole carried by said base and projecting upwardly therefrom, a spindle projecting upwardly from the upper end of said pole and having a head at its upper end, a sleeve loosely mounted about the spindle between the pole and the head at the upper end of the spindle, a supporting arm carried by said sleeve and projecting radially from the spindle and the pole and formed with a recess near the outer end of its upper edge, a hanger having a handle straddling the arm and seated in said recess and arms extending laterally from its lower end, the arms of the hanger having their outer ends bent formed with retainer hooks, suspension bars disposed vertically and having their upper ends formed with openings through which the hooked ends of the hanger arms are passed to support the suspension bars from the hanger, lower ends of the suspension bars being bent inwardly and upwardly to form hooks, a container suspended from the hooks of the suspension bars and open at its top, a removable cover for said container, and a rod disposed vertically and having a forked upper end pivoted to the supporting arm near the outer end of its lower edge for vertical swinging movement into and out of position for its lower end to bear against the cover and hold the cover in place upon the container.

2,448,564
MOTOR CONTROL CIRCUITS
Jefferson R. Wilkerson, Bayside, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application July 24, 1942, Serial No. 452,239
30 Claims. (Cl. 318—31)





1. In a control system for a ponderable object having means for producing a reversible-phase, variable magnitude alternating control signal corresponding to the desired motion of said object and also having a servo system for moving said object, the combination comprising balanced two-channel electronic means for amplifying said signal and producing therefrom a reversible-polarity, variable-magnitude, unidirectional output signal, balanced circuit means responsive to said output signal for producing therefrom oppositely varying unidirectional feed-back signals respectively having components corresponding to the magnitude of said unidirectional signal and to at least one time integral thereof, the amplification of said amplifying means being much larger than the attenuation of said circuit means, means for oppositely and degeneratively controlling the amplification of said two channels by said respective feed-back signals, and means for controlling said servo system by said output signal, whereby said servo system may be controlled in accordance with said control signal and at least one time derivative thereof.

21. In a control circuit of the character described, an amplifier having an input and an output, the voltage output of said amplifier being connected across said output, a feedback circuit connected across said output and connected to said input, and a reactance in said feedback circuit for providing a feedback voltage component corresponding to the voltage applied to said feedback circuit modified with respect to time, said feedback voltage being supplied in a degenerative sense to the input.

2,448,565

DIMETHYL SILICONE ELASTOMERS AND METHOD OF PREPARING THE SAME

James G. E. Wright, Alplaus, and Curtis S. Oliver, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

No Drawing. Application March 14, 1944, Serial No. 526,472
13 Claims. (Cl. 260—37)

1. A composition comprising a solid, elastic, curable methylpolysiloxane consisting of methyl radicals and silicon and oxygen atoms and containing an average of from 1.98 to 2.00 methyl groups per silicon atom, said solid methylpolysiloxane having been obtained by condensing a liquid consisting of polymeric dimethylsiloxane containing up to 2 mol per cent copolymerized monomethylsiloxane, having incorporated therein from 1 to 6 per cent by weight thereof of benzoyl peroxide.

2,448,566

PROCESS OF OBTAINING DIPENTAERYTHRITOL FROM MIXTURES CONTAINING THE SAME

Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, Allentown, Pa., a corporation of New York

No Drawing. Application March 11, 1944, Serial No. 526,128
14 Claims. (Cl. 260—615)

1. The process of separating dipentaerythritol from a mixture of pentaerythritol and dipentaerythritol which form an aqueous equilibrium in solution interfering with the crystallization of dipentaerythritol in substantially pure form therefrom and containing a ratio of dipentaerythritol to pentaerythritol greater than about 8 parts of dipentaerythritol by weight to about 92 parts of pentaerythritol which comprises supplying dipentaerythritol to a solution of said mixture in an amount of raise the ratio of dipentaerythritol to pentaerythritol to a ratio substantially above 30 to 70 to disturb said interfering aqueous equilibrium and furnishing heat to provide a resulting aqueous solution of a temperature above about 68° C. where an interfering molecular complex between pentaerythritol and dipentaerythritol is not encountered; next cooling said aqueous solution to a temperature therebelow to crystallize dipentaerythritol from the solution, the amount of water present being controlled to provide a solution of a crystallization point not greater than said temperature of about 68° C. from which dipentaerythritol substantially in excess of that supplied to the solution will crystallize but in which substantially all of the pentaerythritol of said mixture will remain in solution at the temperature at which the crystals of dipentaerythritol are separated from the aqueous medium; and separating the crystals of dipentaerythritol from the aqueous medium at a temperature below said temperature of about 68° C.

2,448,567

GREASE COMPOSITIONS

William A. Zisman, Washington, D. C., and George M. Hain, United States Navy

No Drawing. Application April 18, 1945, Serial No. 589,008
10 Claims. (Cl. 252—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

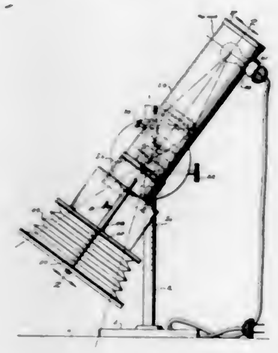
1. A lubricant comprising from about 95% to about 80% by weight of a branched-chain alkyl di-ester of a carboxylic acid having from five to twelve carbon atoms per molecule blended with from about 5% to about 20% by weight of a soap to produce a stable grease, the sum of the percentages of these ingredients totaling 100 percent.

2,448,568

APPARATUS AND METHOD FOR RECTIFYING AND PROJECTING AERIAL PHOTOGRAPHS

Max Zwillinger and Samuel G. Hall, Washington, D. C.

Application March 7, 1941, Serial No. 382,178
12 Claims. (Cl. 88—24)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An apparatus for projecting a tilted aerial photograph, comprising a cylindrical body member, a diaphragm containing a pinhole aperture mounted transversely thereof, a source of illumination, means for mounting said source on one side of said diaphragm, means for converging the rays of light emanating from the said source to obtain an intense illumination at the pinhole aperture for projection therethrough, and means for mounting said photograph on the opposite side of said diaphragm and at an adjustable distance from the pinhole aperture therein, the plane of the photograph being perpendicular to the optical axis of said projector.

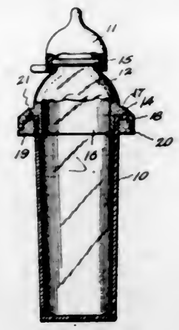
2,448,569

NURSING UNIT

Adda M. Allen, Arlington, Va., assignor to Disposable Bottle Corporation, Washington, D. C., a corporation of Delaware

Application March 14, 1944, Serial No. 526,354
3 Claims. (Cl. 215—11)

1. A nursing unit comprising a reusable collar and nipple, and a disposable container body made of pliant material capable of being pressed inwardly by hand to aid the nursing operation, said container having substantially straight side walls, a closed bottom and an open top end for removable attachment to said collar, said collar comprising a neck portion having a top central opening with means around said opening for the removable attachment of said nipple, said neck portion having a short depending skirt around which the material of the open top end of said container is wrapped and an annular sealing groove adjacent the upper end of said skirt into which the material of the open top end of the container is bent to be sealed therein, said neck portion having a threaded section thereon and said collar further comprising a narrow annular clamping ring of such diameter as to pass upwardly over and around said container from the closed bottom end thereof and to be disposed around the outside of the open top end of said



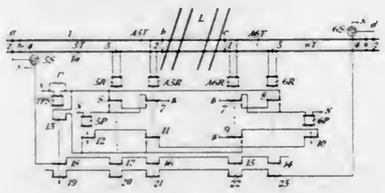
container, leaving the body thereof exposed to be grasped by the hand and compressed as necessary during the nursing operation, said clamping ring being adjustably attached to said neck portion by cooperating threads and having a sealing surface which is presented to the material of the open top end of said container in said groove and which presses said material into sealing engagement with said skirt when said ring is adjusted on said neck portion.

2,448,570

TRAP CIRCUIT CONTROL FOR RAILWAY SIGNALS

Earl M. Allen, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application April 5, 1947, Serial No. 739,569
6 Claims. (Cl. 246—41)



1. In a control arrangement for a trap stick relay in a railway signal control system for a stretch of railway track divided into a first and a second section and also a dead section between said first and second sections, the combination comprising, an insulated joint in one side of each of said first and second sections, a track circuit for each of said first and second sections each including a track relay connected across the rails of the end of its section which is adjacent said dead section and including a source of current connected across the rails of the opposite end of its section and also including a second track relay connected around the said insulated joint in one side of its section, a first and a second pick-up circuit for said trap stick relay one of which is controlled by a back contact of the first track relay and by a front contact of the second track relay for one of said track circuits and the other of which is similarly controlled by the track relays for the other track circuit, a slow pick-up and slow release relay for each of said track circuits each having an energizing circuit controlled by a front contact of the first track relay for its section and each also having a second energizing circuit controlled by back contacts of both track relays for its section, a stick circuit for said trap stick relay controlled by front contacts of both said slow pick-up and slow release relays and by front contacts of both of said first track relays, a second stick circuit for said trap stick relay controlled by a back contact of the first track relay for one of said sections, and a third stick circuit for said trap stick relay controlled by a back contact of the first track relay for the other section.

2,448,571

SIZED ORGANIC DERIVATIVE OF CELLULOSE YARN

Ralph H. Balch and Irma G. McCormick, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application July 18, 1945, Serial No. 605,848
3 Claims. (Cl. 117—139.5)

1. A textile yarn of cellulose acetate sized with a composition comprising about 79% by weight of casein, about 16% of triethanolamine and about 5% of triethyl phosphate.

2,448,572

COMPOSITION COMPRISING AN ACYL PEROXIDE CURED POLYESTER AND AN ALKALINE CARBONATE

Burnard S. Biggs, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

No Drawing. Application April 30, 1943, Serial No. 485,162
10 Claims. (Cl. 260—40)

10. A polymer composition comprising a finely divided alkaline carbonate intimately mixed with an acyl peroxide cured polyester the ester linkages of which are carboxylic ester groups, the ester chains of which are essentially linear, said polyester possessing a degree of linear growth indicated by a ratio of ester groups to total ester, hydroxyl and carboxyl groups of at least 98 per cent, said polyester containing, as the sole non-benzenoid unsaturation, less than five olefinic bonds per 400 atoms in the linear ester chains.

2,448,573

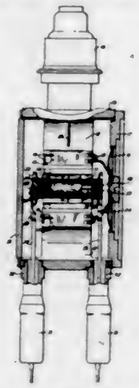
CATHODE STRUCTURE FOR ELECTRON DISCHARGE DEVICES

Charles R. Blazier, Pittsburgh, Pa., and Douglas A. S. Hale, Verona, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 28, 1946, Serial No. 650,962
10 Claims. (Cl. 250—27.5)

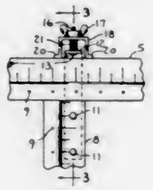
1. A cathode assembly comprising a hollow cylindrical cathode member, a fixed member adjacent one end of said cathode member, a helical heater element within said cathode member and having one end seated against said fixed member, support means for said heater element in lateral

engagement therewith, and means compressing said element against said fixed member to lock



said element against longitudinal movement relative to said support means.

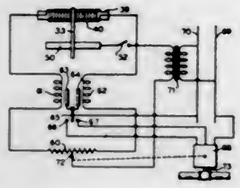
2,448,574
CLAMP FOR CURTAIN STRETCHERS
Werner H. Bothe, Kenosha, Wis., assignor to Worldsbest Industries, Inc., Cudahy, Wis., a corporation of Wisconsin
Application September 4, 1947, Serial No. 772,176
4 Claims. (Cl. 287—54)



1. In a curtain stretcher having frame bars extending at angles to each other, one of said bars abutting an end of the other bar, a fitting for securing said bars in abutting clamped relation comprising a member anchored to one of said bars and having an end in spaced relation thereto, a threaded clamping bolt carried by said end of said member, a clamping head loosely mounted on the shank of said bolt, and engageable at spaced points with the other bar, and a clamping nut mounted on said bolt and engageable with said head to move it to a clamping position.

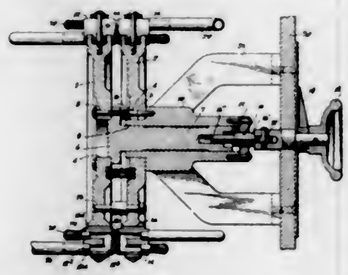
2,448,575
ELECTRICAL INSTRUMENT FOLLOW-UP SYSTEM
Edwin C. Burdick, Philadelphia, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 18, 1942, Serial No. 447,543
11 Claims. (Cl. 318—29)

1. The combination in an electric proportioning system, of a bridge circuit including a measuring potentiometer resistance, a follow-up potentiometer resistance, a measuring contact, means for pressing said contact into engagement with said measuring resistance and thereby creating frictional resistance to the relative adjustment of said measuring contact and measuring resistance, and a follow-up contact in engagement with and adjustable relative to said follow-up resistance, a source of current, means through which said source supplies bridge energizing current to said contacts, a meter element responsive to variations in a control quantity and given movements independent of said frictional resistance and proportional to said variations, means actuated by said meter element to adjust said measuring contact relative to said measuring re-



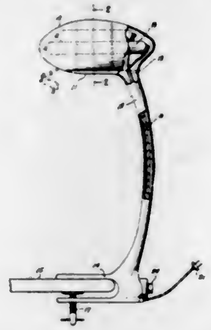
sistance in accordance with said movements, a reversible electric control motor, adjustable motor energizing connections separate from said circuit and through which said source supplies energizing current to said motor, and a relay mechanism jointly responsive to the position of said contacts relative to the said resistances respectively engaged by said contacts for adjusting said motor energizing connections to effect operation of said motor in the direction and to the extent required for the adjustment of said follow-up contact on and in accordance with each adjustment of said measuring contact.

2,448,576
SPARK GAP DEVICE
Emil R. Capita, North Bergen, N. J.
Application September 14, 1945, Serial No. 616,284
17 Claims. (Cl. 315—57)



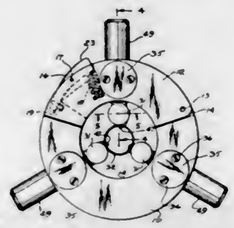
1. In a quench gap device, the combination of a first mounting member, a plurality of spark gap elements secured to said first mounting member, a second mounting member, a plurality of spark gap elements secured to said second mounting member, the spark gap elements on the first mounting member having sparking surfaces facing toward the elements on the second mounting member, the spark gap elements on said second mounting member having sparking surfaces facing toward the sparking surfaces of the elements on said first mounting member and means including a compound screw member for moving said mounting members with respect to each other to vary the lengths of the gaps between the sparking surfaces.

2,448,577
ELECTRIC IRON
Sesto Chiarotti and Anita Chiarotti, Royal Oak, Mich.
Application August 9, 1946, Serial No. 689,455
1 Claim. (Cl. 219—21)



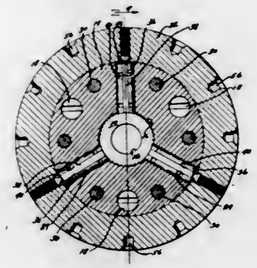
In an electric heating iron, a vertically-disposed hollow post having a horizontally-disposed base on an end thereof, said base being provided with a horizontally-disposed slot for the reception therein of an edge of a supporting surface, clamping means carried by said base for releasably securing the latter to the edge of the supporting surface, a horizontally-disposed plate supported on the other end of said post, an oval-shaped case mounted on said plate and attached thereto, and means within said oval-shaped case for heating the latter, said means comprising a plurality of heating coils disposed within said case, an electrical conductor cable connected to said heating coils for conveying electrical energy from a source of electrical energy, and switch means carried by said post for controlling the flow of electrical energy through said heating coils and cable.

2,448,578
TUBE CUTTER
Ernest E. Condon, Hermanville, Md.
Application October 2, 1946, Serial No. 700,658
7 Claims. (Cl. 30—95)



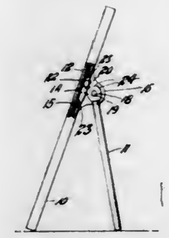
1. A cutter comprising a body having an opening therein, a plurality of spring-pressed plungers supported on said body, each of said plungers having a tube-engaging roller at its inner end lying within said opening, and a spring-pressed knife mounted on each of said plungers having an edge adapted to engage the wall of a tube held between said rollers and extending transversely through said opening, whereby upon relative rotation of said cutter and tube, the tube may be cut by said knives.

2,448,579
CHUCK
Walter Coulson, Detroit, Mich.
Application June 7, 1947, Serial No. 753,320
8 Claims. (Cl. 279—66)



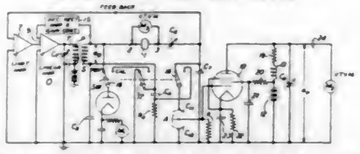
6. A chuck comprising an adapter plate, a retaining ring having an axial bore therethrough secured to said adapter plate, said retaining ring having radially extending and circumferentially spaced bores through the wall thereof intersecting the outer end face of said retaining ring, jaws slidably mounted in the radially extending bores, said jaws being substantially cylindrical and having a beveled outer end face, a flat side portion on said jaws adjacent the intersection of the bores with the end face of said retaining ring, a positioning ring rotatably received on the outer periphery of said retaining ring, a retainer plate secured to the outer end face of said retaining ring in contact with the flat face portion on said jaws, means for urging said jaws outwardly, and radially adjustable projections carried by said rotatable ring for engagement with the beveled end surface of said jaws.

2,448,580
EASEL FRAME
William J. Crosby, Waterbury, Conn.
Application October 30, 1945, Serial No. 625,490
4 Claims. (Cl. 248—37)



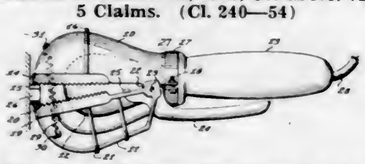
1. An easel frame comprising a panel having an opening therein, a pair of lugs projecting from the rear of the panel on either side of said opening, each of said lugs having a bearing and a channel leading from an edge of said opening to the bearing, a leg, journals projecting from opposite sides of the leg and adapted to slide along said channels and to rotate in said bearings, and a resilient member adapted to seat said journals in the bearings.

2,448,581
TESTING CIRCUITS FOR PIEZOELECTRIC CRYSTALS
Irvin E. Fair, Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 27, 1945, Serial No. 574,953
21 Claims. (Cl. 175—183)



1. A circuit for measuring quality factors of a piezoelectric crystal comprising a crystal to be tested, a source of alternating electric energy, a crystal driving circuit comprising a capacity means coupling the crystal to the source, a frequency determining means in said source coupled to the driving circuit whereby the frequency of said source is controlled to equal the resonant frequency of the crystal and said coupling capacity means, a resistance means and second capacity means connected in series and coupled to the crystal driving circuit so as to have impressed on said series circuit a voltage substantially proportional to the voltage appearing across the first capacity means, said resistance means having a resistance large compared to the reactance of the second capacity means at the frequency of the source of energy, a voltage measuring means, and a switch for selectively connecting the voltage measuring means either across a portion of the crystal driving circuit whereby one quality factor is measured or across the second capacity means whereby a different quality factor is measured.

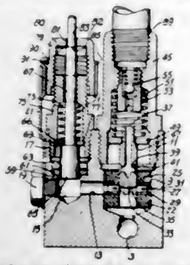
2,448,582
LAMP GUARD
Floyd M. Fike, Flagstaff, Ariz.
Application December 20, 1946, Serial No. 717,375
5 Claims. (Cl. 240—54)



1. In a guard for portable electric lights and the like, a handle in which a lamp bulb is mounted, a shield covering substantially one-half of the bulb having a gripping jaw at the outer end and on the edge thereof, said shield having a rectangular shaped rim extending over the back thereof, a wire frame covering the other half of the bulb, said wire frame also having a gripping jaw at the outer end and on the edge thereof and a rectangular shaped rim extending over the back thereof, means hinging the wire frame to the shield, means resiliently urging the jaws of the shield and frame together, and means clamping the shield on the end of the handle.

2,448,583
LUBRICANT INJECTOR
Alexander P. Fox, University City, Mo., assignor to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri
Application March 31, 1945, Serial No. 585,834
4 Claims. (Cl. 184—7)

1. A lubricant injector comprising a chambered body having an inlet and a coaxial outlet, a check valve in the outlet, spaced annular resilient packing means within the body, annular fluid-transmitting means spacing said packing means, a hollow injector piston movable within the packing and spacer and having a solid face presented to pressure from the inlet and having a port on its other end communicating with said outlet, said piston having a peripheral communication from its hollow portion, means biasing said piston toward an initial position wherein said peripheral means is within said annular spacing



means, an auxiliary chamber in said body, a movable metering piston in said chamber, means biasing said metering piston to an initial position, a fluid connection from said auxiliary chamber to said hollow spacing means, whereby when said injector piston is moved against its bias by pressure from the inlet, fluid is forced from the inlet to said auxiliary chamber to displace the metering piston, and when said first piston is biased toward its initial position by decrease in pressure in the inlet, its hollow form produces a communication between said auxiliary chamber and said outlet.

2,448,584
CURED POLYESTER SYNTHETIC RUBBERS FORMED FROM DISECONDARY GLYCOLS
Carl J. Frosch, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application November 24, 1943, Serial No. 511,591
8 Claims. (Cl. 260—75)

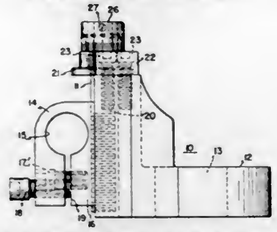
1. A cured synthetic elastomer obtained by curing, with between about .5 per cent and about 5 per cent by weight of benzoyl peroxide, a viscous, gummy 2,3 dihydroxybutane-dicarboxyhydrocarbon polyester, the average molecules of which polyester contain at least 98 ester groups per 100 ester, hydroxyl and carboxyl groups, said polyester containing less than five olefinic bonds per 400 atoms in the linear ester chains calculated by assuming no cross-linking between molecules at the unsaturated bonds, said polyester containing no nox-benzenoid unsaturation.

2,448,585
ORGANIC PEROXIDE-CURABLE AND ORGANIC PEROXIDE-CURED SYNTHETIC POLYESTER RUBBERS
Calvin S. Fuller, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application April 30, 1943, Serial No. 485,202
3 Claims. (Cl. 260—75)

2. A cured synthetic rubber comprising a product obtained by heating to a temperature above about 105° C., with a small amount of benzoyl peroxide, a fusible polyester prepared by the esterification of a reaction mixture consisting of

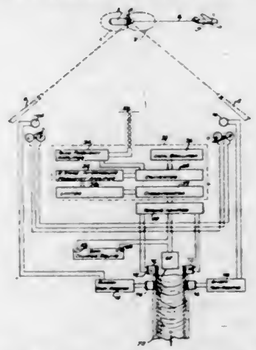
a dihydroxy straight chain alkane and isopropylene glycol, the isopropylene glycol constituting at least 80 per cent of the glycol mixture, together with a mixture of dicarboxylic acids consisting of sebacic acid and maleic acid, the sebacic acid constituting at least 95 mol per cent of the acid mixture, the number of ester groups in said polyester constituting at least 98 per cent of the total number of ester, hydroxyl and carboxyl groups.

2,448,586
TOOLHOLDER FOR LATHES
William A. Gile, Stoneham, Mass.
Application March 13, 1946, Serial No. 654,036
2 Claims. (Cl. 29—96)



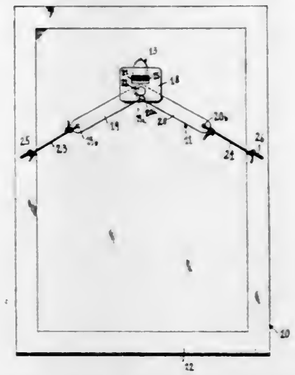
1. A tool holder having a base member including an upstanding face-plate provided with an approximately vertically disposed dovetail mortise, tool-bar-carrying means having a tenon snugly fitting said mortise throughout the length of the tenon, a screw in threaded engagement with said tool-bar-carrying means, a flange on said screw near the upper end thereof, and a cap piece removably secured to the top surface of said face-plate cooperating with said flange and the top surface of said face-plate to prevent axial movement of said flange and screw, whereby the rotary movement of said screw will produce movement of said tool-bar-carrying means relatively to said face plate, and means for locking said tool-bar-carrying means in selected positions.

2,448,587
DIRECTIONALLY SENSITIVE FIRING ERROR INDICATION
Alex E. S. Green, Flushing, N. Y., assignor to California Institute Research Foundation, Pasadena, Calif., a corporation of California
Application March 18, 1944, Serial No. 527,090
8 Claims. (Cl. 177—352)



4. In an apparatus for determining a spatial relation between a target and a passing bullet, a radio transmitter located in the target and comprising: at least a pair of condenser microphones, said microphones including shockwave sensitive diaphragms stretched under tension, means for varying the tension of said diaphragms, and weights carried by said diaphragms, the masses of said weights being so selected and the tensions of said diaphragms being so adjusted that when said diaphragms are excited by a shockwave they vibrate at preselected distinguishable frequencies; and an oscillator common to, and distinguishably modulated by, said microphones.

2,448,588
SUSPENDING DEVICE
George Greenberg, New York, N. Y.
Application May 25, 1946, Serial No. 672,290
1 Claim. (Cl. 248—29)

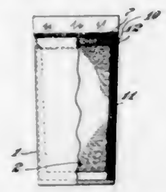


A suspending device for picture frames or the like, the combination, comprising a hook having a plate-like forwardly bent wide portion being in a horizontal position when the hook is secured on a wall or the like, a base plate, an elongated straight opening in the upper part of said plate whereby the same may be suspended on said forwardly bent portion of the hook, its opening then being in a fixed horizontal position, two arms projecting from the lower part of the base plate, their inner ends overlapping part of the base plate in a releasable and adjustable manner, cooperating means on the picture frame or the like object to be suspended, and at the ends of the arms, respectively, said means being adapted to receive a cord secured to them, and an adjustable length of cord tied at its ends to the respective pair of said means.

2,448,589
DOUBLE WALL VESSEL
Russell A. Gulick, Lynnfield, Mass., assignor, by mesne assignments, to Stator Corporation, a corporation of Rhode Island
Application July 3, 1943, Serial No. 493,371
3 Claims. (Cl. 215—13)

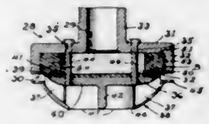
1. A double wall vessel comprising inner and outer containers of ceramic material having upper ends and lower body portions, said upper ends having inner and outer opposing surfaces with a narrow space therebetween and said body portions having opposing surfaces with a wider space therebetween, said inner surface of the upper end of the outer container being fire-colored throughout only a relatively narrow annular zone and

said inner surface of the body portion of the outer container being colored by a surface coat-



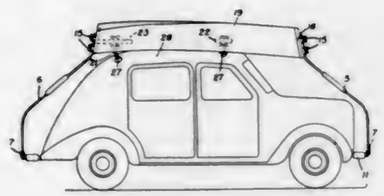
ing, and a band of cementitious material bridging said narrow space in said annular zone.

2,448,590
APPARATUS FOR DISPERSING GASES IN LIQUIDS
Roland E. Gunther, Oceanside, N. Y.
Application October 18, 1946, Serial No. 704,236
4 Claims. (Cl. 261—93)



1. In gas and liquid contact apparatus, a housing defining a compartment, a gas inlet thereto and a downwardly-opening gas outlet therefrom; a cake of porous media within said compartment; and impeller means closing a part of said outlet and providing a support for said cake, including an inverted dome-like portion directly below said cake, being of less diameter than those of said gas outlet and said cake, and impeller blades carried by said portion.

2,448,591
BOAT LOADING DEVICE
George W. Harder, Louisville, Ky.
Application December 17, 1946, Serial No. 716,739
4 Claims. (Cl. 214—77)



1. A loading device for vehicles comprising a pair of angular arms pivoted at their lower ends respectively to the front and rear of a vehicle for vertical swinging movement, said arms having their lower ends pivoted adjacent one side of the vehicle and their upper ends offset and raised toward the center of the vehicle to cause an initial raising movement of the article above the top of the vehicle upon a downward swinging of the arms at said one side of the vehicle, vertically adjustable legs carried by the article for engaging the vehicle.

2,448,592
PLUG CONNECTOR
Carl F. Hart, Miami, Fla., assignor of one-third to Carl J. Frederickson and one-third to Paul J. Mueller, Miami, Fla.
Application June 10, 1943, Serial No. 490,317
1 Claim. (Cl. 173—343)

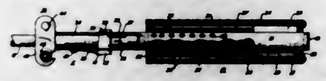


In an electric plug connector, a plug body having a centrally disposed cylindrical opening extending inward from the inner end thereof with the opposite end provided with an annular flange having a concave under surface and with a centrally disposed opening in axial alignment with and communicating with said cylindrical opening, said opposite end having diametrically opposed recesses at the sides of said centrally disposed opening, a pair of diametrically opposed conductors extending lengthwise in said cylindrical opening and positioned against the wall of said plug body, arcuate contact head portions extending circumferentially from said conductors and each terminating in a plane corresponding with the inner ends of the recesses, stop flanges extending radially from said head portions, a plug wedged in said cylindrical opening securing said conductors against the walls of the plug body, one of said conductors extending through said wedge plug and terminating in a free end portion forming one external contact, the other of said conductors extending out of the opening and over the edge of the plug body, a threaded sleeve positioned over the said plug body anchoring the end of the conductor extending over the edge of the plug body providing another external contact, a plug cap having a guide bar with oppositely disposed flat sides projecting at the inner end adapted to be inserted in the centrally disposed opening in the said opposite end of the plug body, said cap having a counterbore around the base of the guide bar, contact prongs with shoes at the outer ends thereof positioned against the flat sides of the guide bar, said contact prongs and shoes adapted to enter the recesses in the said opposite end of the plug body with the guide bar in the centrally disposed opening, said cap having a neck of reduced diameter on the end opposite to the end carrying the guide bar, and means connecting wires of an electric cord entering the cap through the neck to the contact prongs in the said counterbore.

2,448,593
FLASH AND BLAST REDUCER
Raymond A. Heising, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 26, 1944, Serial No. 560,458
1 Claim. (Cl. 89—14)

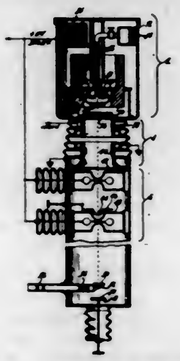
A device for attaching a flash and blast reducer to the muzzle of a firearm having a fixed projection on the barrel thereof comprising a U-shaped trough attached to the rear end of the

reducer and adapted to receive the barrel, a conical seat attached to the front end of said trough and adapted to fit over the muzzle, two opposed slots in the sides of said trough, a wedge adapted to extend through said slots and over the barrel back of the projection to hold said seat against



the muzzle, means for holding said wedge securely in position, means for preventing the removal of said wedge from one of said slots, and an adjustable rear clamp associated with said trough and adapted to contact the barrel at three circumferentially spaced points.

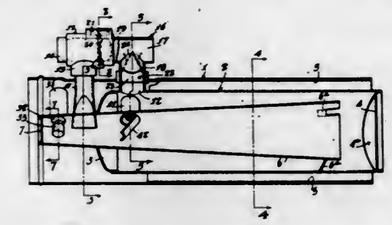
2,448,594
HIGH RESOLUTION MICROSCOPY
James Hillier, Cranbury, and Richard F. Baker, Princeton, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application May 1, 1947, Serial No. 745,340
17 Claims. (Cl. 250—49.5)



1. A method of forming a highly magnified image of a specimen comprising first subjecting said specimen to a beam of ions in an ion optical system in a manner such as to form an ion image of said specimen at relatively low magnification, recording said ion image on a film adapted to exhibit subsequent opacity to the passage of electrons therethrough varying proportionally to the intensity of the ion beam to which it was previously subjected, and utilizing said recorded image as the object in an electron optical system in a manner such that said recorded image is further magnified.

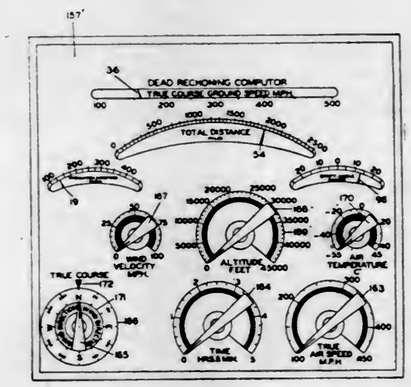
2,448,595
AIR HEATER HAVING REVERTED EXPANDING COMBUSTION CHAMBER
Wallace Holbrook, Los Angeles, Calif.
Application September 16, 1944, Serial No. 554,473
9 Claims. (Cl. 126—116)

1. An air heater comprising: a tubular outer shell open at its ends, a tubular inner shell closed at its ends; radiator elements between said shells; a combustion cone disposed within said inner shell and forming an expanding inner combustion passage, said cone defining with said inner shell an expanding outer combustion passage continuing from the larger end of the inner combustion passage; means forming an inlet for air and exhaust for gases located respectively at the smaller end of said inner passage and at the larger end of said outer passage; and a fuel nozzle



directed into the smaller end of said combustion cone.

2,448,596
FLIGHT COMPUTER
Lewis W. Imm, Glendale, Calif., assignor to Librascope, Incorporated, Burbank, Calif., a corporation of California
Application April 21, 1942, Serial No. 439,874
11 Claims. (Cl. 235—61)

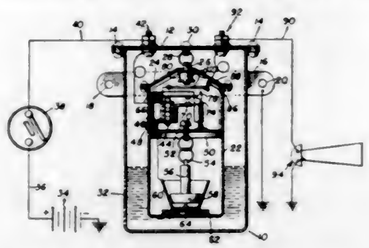


1. In a computer, an air temperature setting means, an altitude setting means, a multiplying mechanism, means to actuate a part of said multiplying mechanism according to the setting of both of said setting means, a true airspeed setting means to actuate another part of said multiplying mechanism, said multiplying mechanism serving as a means to multiply a function of altitude and air temperature by true airspeed, a lever, means to move one end of said lever by said multiplying means, means to move the other end of said lever according to the value set by true airspeed setting means, an indicator and means to operate said indicator from said lever.

2,448,597
AUTO PROWLER ALARM
Leland D. Jolley and Duane L. Jolley, Provo, Utah
Application January 13, 1947, Serial No. 721,804
3 Claims. (Cl. 177—314)

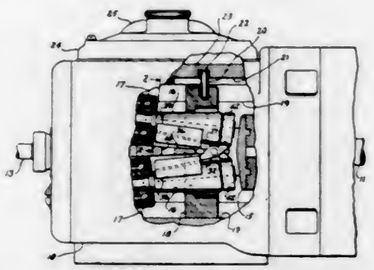
1. A signal device adapted to be used in automotive vehicles, comprising a housing, a receptacle swingingly mounted within said housing, vibration damping means in said housing means

forming, an electrical circuit in said housing and receptacle, sound producing means exterior of said housing and in said circuit, means for intermittently energizing said circuit thereby actuating said sound producing means, said intermittent energizing means including a freely swing-



ing pendulum switch in said receptacle, an electro-magnet controlled thereby, a switch closed by said electro-magnet, means for retaining said switch closed for a predetermined interval and means actuated by said switch for actuating said sound producing means.

2,448,598
VARIABLE-SPEED TRANSMISSION
Lloyd E. Jones, Milwaukee, Wis., assignor to Graham Transmissions, Inc., Milwaukee, Wis., a corporation of Delaware
Application November 20, 1946, Serial No. 711,049
12 Claims. (Cl. 74—281)

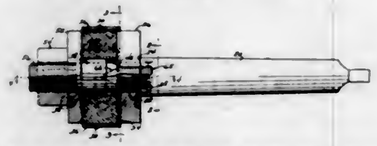


11. In a variable speed transmission, a rotary carrier provided with a central web having a slot therein, a pair of tapered planetary rollers, the narrow ends of which are mounted on said carrier so as to permit each roller to have angular displacement and rotation with respect to said carrier, the wide ends of said rollers being positioned on opposite sides of said web adjacent said slot, pressure blocks mounted on said wide ends, a ring encircling and engageable with said rollers to regulate the planetary action thereof, a pair of levers having interfitting bearing portions mounted on a single pivot pin carried by said web at said slot, said levers being crossed and having long arms and short arms, said long arms being interposed between the narrow end of a respective roller and said web, said short arms engaging a respective block of a roller mounted on the other side of the web from the side on which the long arm of such respective lever extends, and weights carried by said long arms, said weights being shaped to partially encircle the narrow ends of said rollers and positioned between said narrow ends and said web.

2,448,599
SUSPENDING AGENT FOR BEVERAGES
Karl W. Karnopp, Waukegan, Ill., assignor to The Kalva Corporation, Waukegan, Ill., a corporation of Illinois
No Drawing. Application February 17, 1945, Serial No. 578,553
8 Claims. (Cl. 99—25)

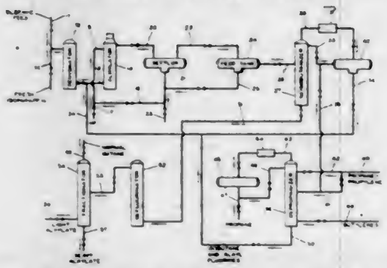
1. A non-settling chocolate flavored beverage including in combination a potable chocolate beverage and a suspending agent consisting of the water soluble extract of Iridophycus.

2,448,600
ADJUSTABLE INTERNAL EXPANSION GRINDER
Spencer R. Keller, Handley, W. Va.
Application January 29, 1946, Serial No. 644,006
5 Claims. (Cl. 51—184.3)



1. A device of the character described, comprising a shaft, a shoulder formed on said shaft, a collar on said shaft abutting said shoulder, a second collar on said shaft segmental grinding elements interposed between said collars, means on said shaft for fixedly retaining said grinding elements between said collars, complementary shaped expanding means positioned intermediately of said grinding elements and means in said first mentioned collar for acting on said expanding means intermediate said elements for adjusting the diameter of said elements.

2,448,601
HYDROCARBON ALKYLATION PROCESS
Carl S. Kelley, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application March 4, 1946, Serial No. 651,963
6 Claims. (Cl. 260—683.4)



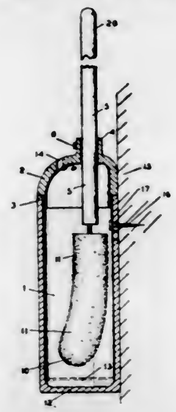
2. In a process for reacting isobutane with a low-boiling olefin in the presence of a hydrofluoric acid catalyst to produce higher-boiling paraffin hydrocarbons, the improvement which comprises passing liquid hydrocarbon effluents of such a reaction containing dissolved hydrogen fluoride to a first fractional distillation means, removing from said means as a low-boiling fraction substantially all of the isobutane and lighter hydrocarbons contained in said effluents together with said dissolved hydrogen fluoride, passing said lighter fraction to a second fractional distillation means, introducing also

into said second distillation means a propane-propylene mixture containing sufficient propylene to react with said hydrogen fluoride and form propyl fluoride, removing from said second means a low-boiling fraction which is substantially free from hydrogen fluoride and which comprises essentially hydrocarbons lower-boiling than isobutane and contains substantially all of the propane contained in said added propane-propylene mixture, removing also from said second means a high-boiling fraction comprising isobutane and propyl fluoride and substantially free from propane, and passing said high-boiling fraction to an alkylation reaction zone.

2,448,602
GLYCIDYL ESTERS
Ernest B. Kester and Henry M. Preusser, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application August 21, 1943, Serial No. 499,504
1 Claim. (Cl. 260—348)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

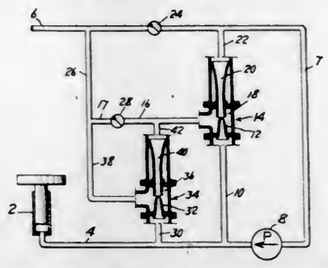
The method of preparing glycidyl esters which comprises reacting an anhydrous alkali metal salt of an acid selected from the group consisting of lauric, myristic, palmitic, stearic, oleic, ricinoleic, linoleic, linolenic, butyric, abietic, elaidic, succinic and sebacic acids, with a molar excess of epichlorohydrin and a minor amount of a substance taken from the group consisting of oxides, hydroxides, and carbonates of alkali and alkaline earth metals under anhydrous conditions at refluxing temperature for a period of about 5 to 9 hours.

2,448,603
SANITARY CONTAINER FOR BRUSHES
Thomas D. Kevin, Oswego, Oreg., and Paul B. Payne, Seattle, Wash.
Application December 11, 1946, Serial No. 715,378
6 Claims. (Cl. 21—83)



1. A device for supporting a cleaning implement, which device comprises a container having an open top, a cap removably seated on the open top of said container, said cap having an opening through the top thereof, a collar extending upwardly from the cap around said opening and adapted to slidably receive therethrough the handle of a cleaning implement, and a gripping member carried by said collar to frictionally engage the implement handle in selectively adjusted position.

2,448,604
PRESSURE SYSTEM
Arthur E. Kittredge, Audubon, N. J.
Application August 30, 1944, Serial No. 551,990
2 Claims. (Cl. 103—11)



1. In combination with means subject to liquid pressure and attaining a final condition involving substantially no liquid displacement and in which the pressure applied thereto should be maximum, a pump connected to said means to apply pressure thereto, an eductor of the jet pump type having its nozzle receiving liquid from the pump, having its discharge connected to the pump to deliver liquid thereto, and having its throat connected to a supply of liquid, a second eductor of the jet pump type having its nozzle receiving liquid from the pump, having its discharge connected to the throat of the first mentioned eductor, and having its throat connected to a supply of liquid, means including a check valve for supplying liquid from a supply directly to the pump, the check valve being on the supply side of the connection between the discharge of the first mentioned eductor and the pump, and a second check valve between the throat of the first mentioned eductor and the supply of liquid to the first mentioned eductor, the second check valve being on the supply side of the connection between the discharge of the second mentioned eductor and the throat of the first mentioned eductor.

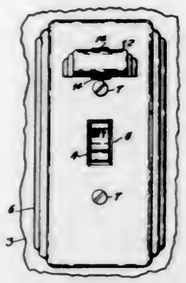
2,448,605
COMPOSITION FOR TREATING COAL AND THE LIKE
Werner E. Kleinicke, Manhasset, N. Y., assignor to The Johnson-March Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application November 13, 1944, Serial No. 563,321
6 Claims. (Cl. 106—123)

5. A composition for application to coal to allay dusting comprising, in admixture, an unsaturated fatty acid having 18 carbon atoms, a petroleum oil soluble wetting agent, a low viscosity hydrocarbon distillate having a high aromatic component solvent for the said acid and wetting agent and miscible with petroleum oil and in dominating proportion a petroleum oil of the order of Bunker C oil.

2,448,606
ILLUMINATED COVER PLATE
William C. Linton, Washington, D. C.
Application February 19, 1947, Serial No. 729,503
1 Claim. (Cl. 240—2)

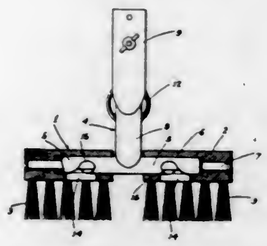
In a device of the character described comprising in combination a cover plate having an

opening formed therethrough for receiving an electrical device, said cover plate having an elongated opening formed therethrough, a lamp housing assembly unit comprising a casing, a portion of the casing of said lamp housing being compatible in design with that of the elongated opening within said cover plate as to be inserted therethrough and snugly fit therein, whereby the rays of light from a lamp within said hous-



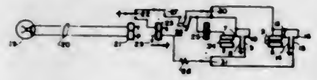
ing may emit therefrom and be projected towards the opening formed within said cover plate receiving the electrical device, laterally extending flanges formed with said lamp housing and engageable with one face of said cover plate, a pair of yieldable walls formed with said lamp housing and a knob formed with each of said walls for engagement with the opposed face of said cover plate.

2,448,607
FOUNTAIN IMPLEMENT WITH PIVOTALLY MOUNTED DUAL BRUSH UNITS
Robert C. Logan, Chowchilla, Calif.
Application June 25, 1946, Serial No. 679,152
1 Claim. (Cl. 15—128)



A dual brush unit comprising a pair of block backed floor brushes disposed in side by side but spaced relation, a tubular T head having opposed legs and a central shank, the blocks having transverse sockets therein open to the inner side edges of said blocks, corresponding legs of the T head relatively rotatably seating in said sockets, the central shank then being disposed between the brushes, means normally preventing separation of the blocks from said legs, means adapted to feed water to the tubular T head, there being registering water delivery openings in the legs and blocks, and a handle secured to said central shank; said separation preventing means being an elongated bolt extending transversely through the blocks and through the legs of the T head.

2,448,608
IMPULSING CIRCUIT INCLUDING A PRE-ENERGIZING CIRCUIT FOR THE IMPULSING RELAY
Clarence E. Lomax, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application December 13, 1945, Serial No. 634,770
9 Claims. (Cl. 179—16)

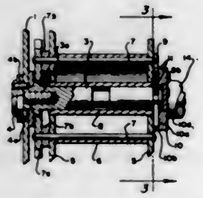


1. In an automatic switch, a stepping magnet having a single armature, a circuit over which a series of impulses are delivered to said magnet, a locking circuit for said magnet, each impulse of a series at times being of insufficient duration to permit complete operation of said armature, a pair of normally open contacts closed by a partial operation of said armature in response to each of said impulses, said contacts closing said locking circuit to insure the complete operation of said armature, said contacts opened in response to the complete operation of said armature and remaining open during the restoration thereof, a pair of normally closed contacts opened by the operation of said armature in response to each of said impulses, and a circuit serially including said normally closed contacts over which said magnet is pre-energized.

2,448,609
COMPOSITION COMPRISING ORGANIC PEROXIDE CURED GLYCOL-DICARBOXYLIC ACID POLYESTER AND RED OXIDE OF IRON
Frank S. Malm, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application April 30, 1943, Serial No. 485,164
11 Claims. (Cl. 260—40)

11. A reinforced cured elastomer composition comprising an organic peroxide cured glycol-dicarboxylic acid polyester intimately mixed with a finely divided, substantially pure, red oxide of iron made up of spheroidal particles having an average size of the order of 60 millimicrons or less, said polyester having a degree of linear growth indicated by a ratio of ester groups to total ester, hydroxyl and carboxyl groups of at least 98 per cent.

2,448,610
SPOOL LOCK FOR FISHING REELS
Henry I. Mandolf, San Diego, Calif.
Application February 9, 1946, Serial No. 646,514
4 Claims. (Cl. 242—84.1)



1. In a spool lock for fishing reels of the class described a combination of a frame, a shaft in

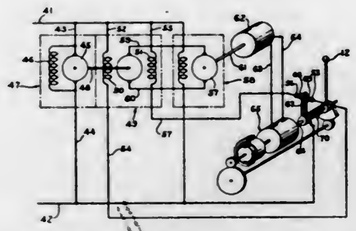
connection therewith extending therefrom and provided with an annular portion circumferentially disposed about the end portion thereof, a spool on said shaft, a cup shaped latch casing secured on said spool, a pair of screws extending through said latch casing and connected with said spool in screw threaded relation therewith, a latch member pivotally mounted in connection with one of said screws and positioned in said annular portion of said shaft and engaging the other of said screws near its extending end.

2,448,611
MAGNETIC BOOKMARK
William Stanley Martin, Sand Springs, Okla.
Application May 14, 1947, Serial No. 747,992
4 Claims. (Cl. 116—119)



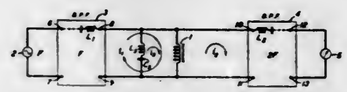
4. A book mark comprising a strip of flexible material, and magnets secured under the folded ends and a strengthening strip secured to the first strip near the edges of the folded ends of the strip to be mutually attracted when placed in alignment on opposite sides of the page to be marked.

2,448,612
AIDED TRACKING AIMING MECHANISM
Peter J. McLaren, New York, N. Y., assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y., a corporation of New York
Application October 30, 1943, Serial No. 508,435
9 Claims. (Cl. 318—257)



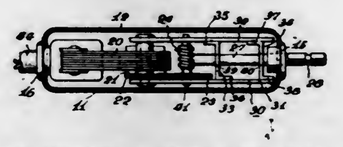
7. In an aiming mechanism including an aimed member, in combination, a driving motor for the aimed member, a control member, biasing mechanism responsive to the position of the control member, speed responsive biasing mechanism energized by the driving motor in accordance with the speed thereof, speed responsive biasing mechanism energized by the control member in accordance with the speed thereof, means controlled jointly by said three biasing mechanisms for determining the speed of operation of the driving motor, limit mechanism for rendering the control member inoperative to influence the motor to drive the aimed member beyond a prescribed limit of movement, and mechanism operated by said limit mechanism to render the speed responsive biasing mechanism which is energized by the control member inoperative to influence the motor to drive the aimed member beyond said limit.

2,448,613
MAGNETIC DETECTOR
Francis G. Merrill, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 16, 1947, Serial No. 748,420
7 Claims. (Cl. 175—183)



1. In a magnetic detecting system, the circuits comprising a source of alternating current of fundamental frequency, a magnetometer having at least one winding thereon, a filter connecting said source to a winding on the magnetometer, said filter passing most readily only currents of fundamental frequency, utilization means responsive to a selected even order harmonic voltage generated in said magnetometer, a second filter connecting the utilization means directly across a winding on the magnetometer, said second filter passing most readily only currents of the selected even order harmonic frequency, and a frequency selective shunt path connected directly across a winding of the magnetometer, said path passing most readily only currents of third harmonic frequency generated by the magnetometer, whereby the selected even order harmonic output voltage of the magnetometer is rendered less sensitive to changes in the excitation voltage of said source of fundamental frequency.

2,448,614
MOTOR DRIVE FOR BRUSHES AND THE LIKE
Gilbert B. Mirus, Akron, Ohio
Application September 14, 1944, Serial No. 554,082
2 Claims. (Cl. 172—36)

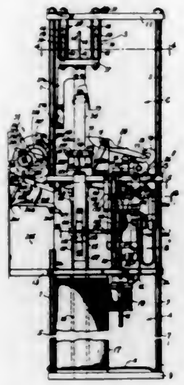


1. The combination with a sectional housing for a motor, a shaft, and power transmitting means between the motor and shaft, of a frame positioned within the housing connected to an end of said motor, comprising spaced parallel walls having apertures forming journals for said power transmitting means, and transverse braces secured between the walls and formed with aligned apertures forming bearing surfaces for the said shaft, said braces each having oppositely extending bases at each end secured to the said walls, to thereby provide a rigid unitary structure with respect to said housing.

2,448,615
SWITCH
Carl E. Mosley, Overland, Mo., assignor to W. N. Matthews Corporation, St. Louis, Mo., a corporation of Missouri
Application February 27, 1946, Serial No. 650,675
14 Claims. (Cl. 200—89)

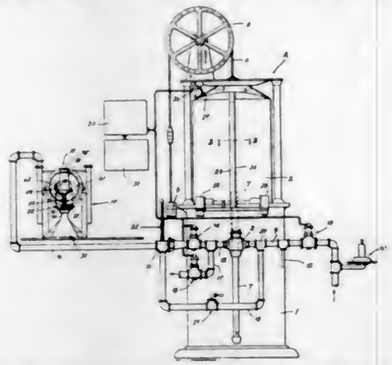
1. In overload disconnecting apparatus, a line switch normally biased toward closing position, a connection in the line and controlled by said switch, said connection including a first main

solenoid, a first electro-thermostatic element, a second solenoid and a second thermostatic element, a first shunt switch operated by the first thermostatic element and a second shunt switch operated by the second thermostatic element, said first shunt switch normally shunting the second thermostatic element and being adapted in response to overload heating of the first thermostatic element to connect said second thermostatic element and to shunt the first thermostatic element and the second solenoid, said second shunt switch effecting a normally open shunt around said second thermostatic element and being operative by said second thermostatic element to close said last-named shunt, overload current from the line in said connection being adapted to operate the main solenoid to apply opening force to the line switch, and said thermostatic elements being adapted in response to said overload current more slowly to operate their respective switches, a detent restraining immediate opening of the line switch in response to said force of the main solenoid, and catches temporarily restraining the detent, one of which catches is operative with time delay from the first thermostatic element and the other of which is operative instantly from said second solenoid and with time delay from said second thermostatic element.

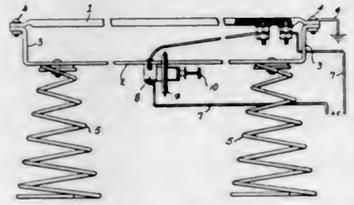


2,448,616
GAS METER PROVER APPARATUS
Thurman Oakley, Bellesville, and Marion J. Westenhaver and Robert E. Eggmann, East St. Louis, Ill., assignors, by direct and mesne assignments, to Electronic Tester of Gas Meters, Inc., St. Louis, Mo., a corporation of Missouri
Application June 19, 1944, Serial No. 541,094
7 Claims. (Cl. 73—3)

1. A meter testing apparatus comprising a prover including a movable bell providing a chamber for a meter-testing medium, piping leading from the chamber of said bell and adapted to be connected to a meter to be tested, an electrically-actuated valve interposed in said piping and operable to control passage of testing medium from the chamber of said bell to the meter being tested, a photo-electric assembly comprising a light source and a photo-electric cell supported in spaced relation with said light source, means electrically associating said valve with said cell so as to control actuation of said valve, and a member movable with said bell in interposed relation with respect to said light source and said photo-electric cell for controlling passage of light from said light source to said photo-electric cell so as to control actuation of said valve in response to operation of said photo-electric cell.

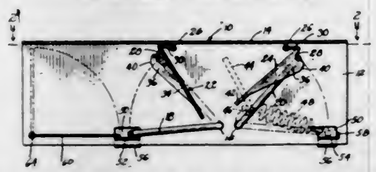


2,448,617
SELF-SUPPORTING, SELF-ADJUSTING ELECTRIC WATERER HEATER
De Witt D. Owens, Crawfordsville, Iowa
Application March 15, 1946, Serial No. 654,762
2 Claims. (Cl. 219—38)



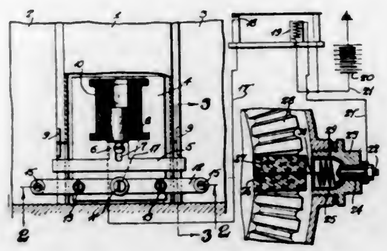
1. The combination with a stock-watering trough arranged in superimposed spaced relation with respect to a supporting surface and supported upon the latter, of a means supporting an electric heater below and exteriorly of the bottom of said trough and resting upon said supporting surface, said means comprising at least one frusto-conical helical spring, the base of said spring resting upon said supporting surface and the apex of said spring urging the heater into engagement with the bottom of said trough.

2,448,618
TRAP
Joshua Patrick, Detroit, Mich.
Application October 4, 1944, Serial No. 557,082
3 Claims. (Cl. 43—82)



2. A trap comprising, a tubular housing having ingress openings in its opposite ends and bottom, a door for alternately opening or closing one end opening and the bottom opening, a pivotally mounted snap arm between the opposite end of said housing and said door, means between the bottom opening and the pivoted point of said snap arm for receiving said snap arm, pivotally mounted latch means for retaining said snap arm in a position spaced from said means for receiving said snap arm, and means for resiliently urging said snap arm into engagement with said snap arm receiving means.

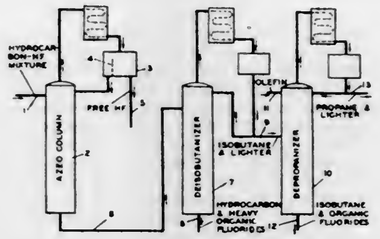
2,448,619
AUTOMATIC ELECTROMAGNETIC AUTOMOBILE DOOR EMERGENCY LATCH
Edward L. Pratt, Pekin, Ill.
Application November 7, 1946, Serial No. 708,345
3 Claims. (Cl. 180—82)



1. In a latching device for the doors of an automobile, hooks on the front and rear doors, a solenoid mounted on the post of the automobile, adjacent the doors of the automobile, a cross bar adapted to be drawn up to engage the hooks when the solenoid is energized, a spring strip electrically connected to the solenoid and having contact screws adapted to engage the post as a door is opened to ground the solenoid, a control switch having a binding post, a relay winding connecting the binding post of the control switch to a battery, a wire spring connected to the binding post, breaker points controlled by said relay winding connected to said solenoid, said binding post being held by and insulated from a plug adapted to fit in a differential housing of the automobile, a cork block connected to the wire spring, said spring adapted to support said cork in close proximity to, but not in engagement with the ring gear of a differential in said housing, and a metal cup contacting the plug and having a hole through which the wire spring passes without contacting the cup when the automobile is at rest, so that when the automobile is in motion, the motion of oil between the ring gear and cork block will cause the wire spring to move into contact with the cup to ground the wire spring and close an electrical circuit through the relay winding to close the breaker points of the solenoid circuit and thereby raise the cross bar to latch the doors.

2,448,620
RECOVERY OF HYDROGEN FLUORIDE BY DISTILLATION WITH AN OLEFIN
George R. Reading and Roy E. Vinyard, Phillips, Tex., assignors to Phillips Petroleum Company, a corporation of Delaware
Application July 17, 1944, Serial No. 545,385
13 Claims. (Cl. 260—683.4)

2. In the alkylation of low-boiling paraffins and olefins in the presence of hydrogen fluoride as the catalyst which comprises the steps of passing a mixture of low-boiling paraffins and olefins into a reaction zone under conditions of alkylation, introducing hydrogen fluoride into said reaction zone, passing a hydrocarbon conversion effluent containing butanes and heavier hydrocarbons and minor amounts of propane and lighter hydrocarbons from said reaction zone to a separator wherein a liquid hydrocarbon phase and a heavier liquid hydrogen fluoride phase are separated, passing said liquid hydrogen fluoride back to said reaction zone, passing said liquid hydrocarbon phase to a fractional distillation, removing an overhead product comprising low-boiling hydrocarbons and hydrogen fluoride, separating said overhead fraction into a liquid hydrocarbon phase and a liquid hydrogen fluoride phase, passing said liquid hydrogen fluoride phase back to said reaction zone, removing a bottom fraction containing a minor amount of hydrogen fluoride from said fractional distillation



and passing same to another fractional distillation, removing an overhead fraction comprising butanes and lighter hydrocarbons with hydrogen fluoride as an impurity therein, removing an alkylate as a bottom fraction from said fractional distillation as a product of the process, passing said overhead fraction to a fractional distillation and removing therefrom a bottom fraction comprising butanes and recycling same to said reaction zone, the improvement which comprises carrying out said last fractional distillation in the presence of an olefin which is present in sufficient amount to react with said hydrogen fluoride contained in said overhead fraction, withdrawing propane and lighter hydrocarbons substantially free of hydrogen fluoride as an overhead product from said last fractional distillation and withdrawing a bottom fraction comprising butanes and hydrogen fluoride in combination with said olefin and recycling the same to said reaction zone.

2,448,621
COMPOSITION CONTAINING TALL OIL RESINS
William J. Rice, Brooklyn, N. Y.
No Drawing. Application April 10, 1945, Serial No. 587,607
9 Claims. (Cl. 106—123)

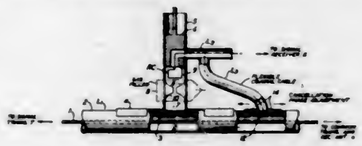
4. A method of making resinous materials adapted for liquid coating compositions which comprises heating talloil to a sufficiently high temperature to cause resinification in the presence of lime, adding thereto a substantial amount of lime, the amount of lime being from 4% to 15% of the mixture, heating said mixture at a temperature between 420° and 525° F. for a sufficient length of time until a sample of said mixture placed upon a glass plate will upon cooling form a hard transparent pill and the material becomes resinous.

2,448,622
LIGHTING TORCH
Floyd R. Rizer, Detroit, Mich.
Application March 4, 1947, Serial No. 732,211
1 Claim. (Cl. 67—6.1)



A lighting torch for oil burners and the like, comprising a tubular jacket having a bore provided with screw threads near its outer end, a long tubular handle secured to the inner end of the jacket and extending axially thereof for a substantial distance, a cylindrical lighting fluid container slidably disposed within the bore and shiftable axially to exposed and covered positions, the container being externally screw threaded near its outer end for engagement with the screw threads of the bore and provided with an externally roughened striking surface inwardly of the external screw threads, the container having a filling opening in its outer end and angularly spaced radial apertures adjacent to the inner end of the striking surface, wicks arranged in the container and extending through the radial apertures, a cap for the filling opening, a spring loaded flint element carried by the sleeve near its outer end and projecting into the bore to resiliently engage the striking surface, a long rod secured to the inner end of the container and extending slidably through the tubular handle, and a knob carried by the free end of the rod for shifting the rod and container axially, the knob engaging the end of the end of the handle to limit the forward shifting of the container.

2,448,623
DUPLEX SWITCH WITH LEAKAGE COMPENSATION
Charles F. P. Rose, Asbury Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 15, 1945, Serial No. 578,073
11 Claims. (Cl. 178—44)

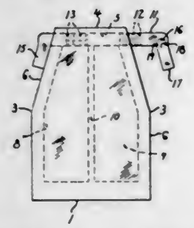


1. In combination, a common line for transmitting at different times high power alternating current signals and relatively low power alternating current signals, a signal receiver, a coupling device normally resonant to the frequency of said low power and high power signals, connecting said receiver to said line, control means connected to said line through a portion of said coupling device, operatively responsive to the energy of the high power signals applied thereto through said device to detune the latter so that the amount of high power signaling energy reaching said receiver is appreciably reduced, said control means being unresponsive to the relatively low power signals applied thereto through said device so that said device is maintained tuned to transmit said low power signals efficiently to said receiver and auxiliary means to provide further protection of said receiver from said high power signals comprising means to continuously abstract sample energy portions of the transmitted signals from said line and means to combine the high power signal components only of the abstracted sample energy portions with the signal output of said coupling device in such manner as to substantially suppress the high power signal leakage through said coupling device when the latter is detuned by operation of the associated control device in response to applied high power signals.

2,448,624
FOUNDRY CORE OR MOLD AND METHOD OF MAKING SAME
Alfred L. Rummelsburg, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 8, 1943, Serial No. 513,486
5 Claims. (Cl. 22—188)

1. A foundry core or mold comprising a comminuted refractory material and a binder consisting of a resinous material having a drop melting point of about 90° to about 160° C. and obtained by the simultaneous heat treatment and air oxidation, in the presence of boric acid, of a material of the group consisting of (1) the residue from the selective solvent refining of FF wood rosin, said residue being characterized by an acid number of 105 to 140, a saponification number of 150 to 170, a drop melting point of 80° to 115° C., an unsaponifiable matter content of 10 to 20%, a gasoline insolubility of 30 to 80%, and a petroleum ether insolubility of 30 to 80%; and (2) the mixture of said residue from the selective solvent refining of FF wood rosin and the substantially petroleum hydrocarbon-insoluble pine wood resin characterized by an acid number of 80 to 110, a drop melting point of 95° to 125° C., a methoxy content of 3 to 7%, and a noncarboxylic hydroxyl content of 5 to 9%.

2,448,625
COMBINATION SALT-AND-PEPPER SHAKER
Thomas W. Ryther, St. Louis, Mo.
Application April 9, 1947, Serial No. 740,438
1 Claim. (Cl. 65—45)

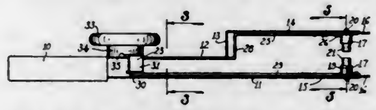


A combination salt and pepper shaker comprising a container divided into compartments and having a solid floor, a perforated closure, stop members on the underside of said closure to prevent its disengagement from said container, said stop members depending from said closure in directions parallel with the end walls of said container, said closure member being provided with a lateral groove at one extremity on its underside and one of said stop members having an extension slidable within said groove to permit of sliding disengagement of said closure and said stop member, and to further permit disengagement of said closure from said container to open said compartments at their upper portions.

2,448,626
ALKYLOL AMINE SALTS OF HYDROXY FATTY ACIDS AND PROCESS FOR THEIR PREPARATION
Benjamin B. Schaeffer, Upper Darby, Pa., assignor to United States of America as represented by the Secretary of Agriculture
No Drawing. Application December 8, 1944, Serial No. 567,295
10 Claims. (Cl. 260—404)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

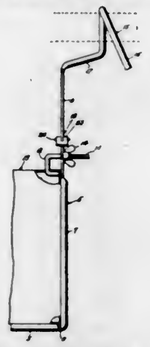
1. An alkylol amine salt of a saturated hydroxy higher fatty acid.

2,448,627
DRESS PATTERN MARKER
Claude Schaffner, New Haven, Conn.
Application June 11, 1946, Serial No. 676,022
11 Claims. (Cl. 120—13)



1. A dress pattern marker comprising means for supporting a pair of crayon holders in opposed aligned relation, and means for rotatably mounting said holders on said supporting means.

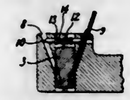
2,448,628
PAINT CAN HANGER
Leo N. Schaller, Corning, N. Y.
Application June 9, 1945, Serial No. 598,515
1 Claim. (Cl. 248—211)



In association with a paint can hanger including a substantially vertical bar, a putty receptacle comprising in combination, an elongated plate forming a tray and having a bifurcated extension at one end thereof, a marginal rim on said tray, and a hinge pin, said pin extending through the furcations of said extension and detachably connecting said tray to said bar.

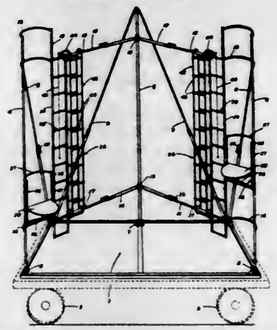
2,448,629
KNIFE SHARPENER
Benjamin F. Schmidt, Los Angeles, Calif.
Application September 10, 1945, Serial No. 615,271
5 Claims. (Cl. 76—88)

1. In a knife sharpening device, a body member having a top surface, a bore extending from said surface into the body, a slot extending from said surface at one side of said bore, said slot being disposed in a plane intersecting the bore at an acute angle, a cutter comprising a strip of relatively hard material disposed in said bore, said strip having a cross-section of such geometrical shape as to provide a corner projecting into the slot whereby a knife blade disposed in said slot and drawn therealong will engage the



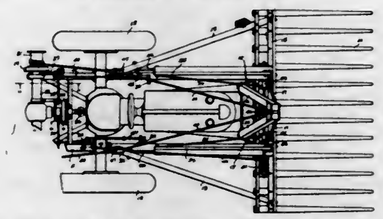
exposed corner of said cutter, said slot tapering from a large width adjacent the top surface of said body to a smaller width adjacent the bottom of the slot, and means extending into said slot for engaging and urging a knife blade disposed in said slot against that wall of the slot most distant from the bore.

2,448,630
FRUIT PICKING TOWER
Robert R. Schutz, Roseville, Calif.
Application September 3, 1946, Serial No. 694,523
9 Claims. (Cl. 304—9)



1. A fruit picking tower comprising a substantially rectangular base, front corner posts upstanding from the base, a central rear post upstanding from the base, diagonal braces extending from the front corner posts to the rear corners of the base, other diagonal braces extending from the central rear post to said rear corners of the base, frame means connecting between each of the front corner posts and central rear post, and a vertically adjustable platform carried by each of said frame means.

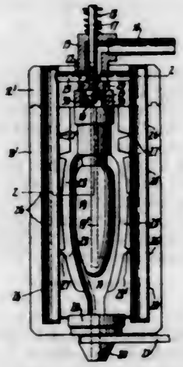
2,448,631
POWER HAY BUCK
Frank L. Selak, Albia, Iowa
Application March 1, 1946, Serial No. 651,063
9 Claims. (Cl. 214—131)



1. A hay stacker structure comprising a pair of boom members pivotally secured to the rear

portion of a tractor chassis and extending forwardly of the tractor, a hay rake secured to the forwardly projecting end portions of said boom members, a post structure pivotally secured to the front end of the tractor chassis and normally extending forwardly and upwardly with respect to the tractor, a flexible member connecting the upper portion of said post structure to the hay rake, said post structure being adapted to rotate in a rearward direction in the vertical plane of the tractor to thereby elevate the rake, a ram member slidably mounted for longitudinal movement on said rake and extending transversely thereof, said ram member being adapted to be moved forwardly on said rake to discharge hay therefrom, a power take off device adapted to be driven by the tractor power shaft, a control member for said power take off device, a first cable means connected between said power take-off device and said post structure adapted to rotate said post structure rearwardly when said control member is in a first position, a second cable means connected between said power take-off device and said ram member adapted to move said ram member forwardly when said control member is in a second position, spring means biasing said control member to a third position substantially intermediate said first and second positions, and brake means adapted to lock said first cable means in stationary condition when said control member is in its third position.

2,448,632
SUCTION MOLD
Arthur Edgar Smith, Darling Point, Sydney, New South Wales, Australia
Application July 28, 1943, Serial No. 496,496
In Australia April 11, 1942
17 Claims. (Cl. 49—65)



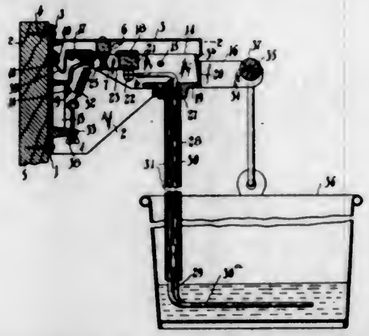
1. A suction mould having a mould cavity therein and comprising at least two separable sections which coact to form a joint when the mould is closed, a suction tube arranged in said joint one at least of said mould sections having a groove into which said suction tube projects when the mould is closed, said suction tube having at least one opening in the wall thereof whereby the interior thereof communicates with said joint, and means forming an air withdrawal passage which communicates with one end of said suction tube whereby the interior of said tube may be placed in communication with a source of reduced pressure.

2,448,633
INSULATED ELECTRICAL CONDUCTOR
Charles C. Smith, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application June 23, 1943, Serial No. 491,968
2 Claims. (Cl. 174—124)



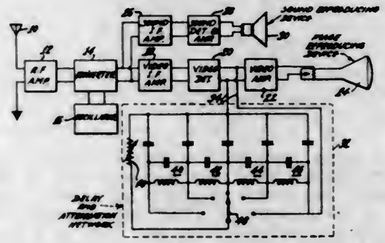
1. An insulated electrical conductor comprising a conductor core, and a single end of cellulose acetate rayon yarn spirally wound with overlapping edges on the core and formed of a multiplicity of continuous filaments held in a uniformly complete group free to spread into a uniform cover with interlocking filaments at the overlapping edges by a low twist in the yarn from .3 to .75 turn per inch.

2,448,634
ELECTRIC HEATING APPARATUS
Elmore Stanley Smith, Weston, Ontario, Canada, assignor to Moffats Limited, Weston, Ontario, Canada
Application November 14, 1947, Serial No. 785,839
In Canada May 20, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires May 20, 1960
9 Claims. (Cl. 219—41)



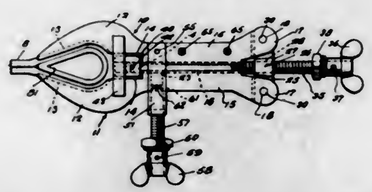
1. Electric heating apparatus comprising an arm pivoted on a bracket; a switch for connection with an electrical power supply operable by the rocking of the arm for opening and closing the switch; a heating element electrically connected with the switch, the element being adapted to heat the contents of a container when the latter is supported on one end of the arm; means tending to turn the arm on its pivot to cause the switch to be opened when the weight of the container and its contents is less than a predetermined magnitude; and a snap action spring engaging the other end of the arm and the bracket, the said spring being adapted to snap over from one side to another of a dead centre point when the arm is rocked in either direction of rotation to ensure a sharp opening or closing of the switch.

2,448,635
ECHO REDUCING CIRCUIT FOR TELEVISION RECEIVERS
James Ernest Smith, Jackson Heights, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 30, 1945, Serial No. 585,688
1 Claim. (Cl. 250—20)



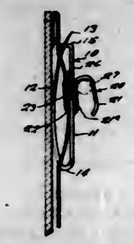
In a television system in which distortion in the reproduced image results from the multipath reception of the transmitted signal, the combination of means for receiving both the desired signal and the reflected signal, a multi-section delay and attentuation network, manually-adjustable means for applying a portion of the received signal selectively to at least one section of said delay and attenuation network, and means for combining the output of said delay and attenuation network with the remaining portion of said received signal, said delay and attenuation network including an adjustable terminating resistor having a maximum value approximately equal to the surge impedance of the network.

2,448,636
CABLE SPLICING VISE
Frank J. Surk, Menominee, Mich.
Application October 18, 1944, Serial No. 559,316
2 Claims. (Cl. 81—17.5)



1. A cable splicing vise comprising a pair of spaced jaw members having shanks forming a recess at the juncture of said jaw members, guide grooves formed longitudinally in the inner surfaces of said shanks, outwardly flared bifurcations integral with said shank opposite said jaw members, a rigid member having a central threaded aperture and reduced opposed ends, pivot pins connecting the reduced ends and said bifurcations, a screw extending through said central aperture and positioned within said guide grooves, a block movably mounted in said recess and having said screw swivelly connected thereto, guide means attached to said block and slidably associated with the outer surfaces of said jaw members, and a clamp secured to said shanks for holding said jaw member in a selected position.

2,448,637
DRAPERY HOOK
Eva C. Swanson, Detroit, Mich., assignor to Ethel Swanson, Detroit, Mich.
Application June 23, 1944, Serial No. 541,809
3 Claims. (Cl. 24—86)

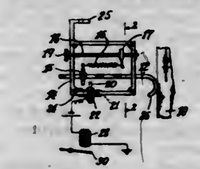


1. A drapery hanger comprising a base having a series of longitudinally spaced apertures, a hook having supporting means and an attaching arm insertable through a pair of adjacent apertures of said base, said attaching arm having a straight portion and a pointed extremity extending at an angle to said straight portion, said extremity extending into one of said apertures in said base, through said drape at two points and projecting outwardly through an adjacent aperture in said base.

2,448,638
HEAT-SEALING ADHESIVE TAPE
Thomas F. Murray, Jr., and George F. Sharrard, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application October 1, 1943, Serial No. 504,640
4 Claims. (Cl. 117—122)

1. A heat-sealing adhesive tape comprising a support coated with a condensation product prepared by mixing one molecular proportion of melamine with three molecular proportions of aqueous formaldehyde at pH 7 and a temperature of 80° C. and adding the resulting aqueous condensation product to an aqueous water soluble organic solvent solution of a partially hydrolyzed homopolymer of vinyl acetate containing an acetate group content equivalent to from 65 to 90 per cent by weight of homopolymeric vinyl acetate, the melamine constituting from 8 to 20 per cent by weight of the partially hydrolyzed homopolymeric vinyl acetate.

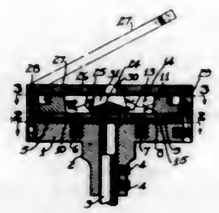
2,448,639
FABRIC CONTACTING CIRCUIT CLOSER FOR KNITTING MACHINES
Michael Wachsman, Brooklyn, N. Y.
Application August 10, 1946, Serial No. 689,735
1 Claim. (Cl. 66—166)



A fabric contacting circuit closer for knitting machines comprising a box, a detector slidably supported in the box, a spring in said box secured to said detector for holding the same in normal frictional contact with the fabric, a

normally open electric stop circuit for the knitting machine, a fixed contact in said circuit supported in the said box, a contact member carried by said detector and adapted to engage the said fixed contact to close the said circuit when an abnormal condition in the fabric causes a termination of the said normal frictional contact between the detector and the fabric and means in the said box for regulating the tension of the said spring, said means comprising a spring tension regulating member secured to said spring, a shaft in threaded engagement with said member to actuate the same and a knob on said shaft for operating the later from outside the said box.

2,448,640
WAX CASTER
Cornelius F. Weston, Santa Monica, Calif.
Application April 13, 1946, Serial No. 662,015
5 Claims. (Cl. 18—26)

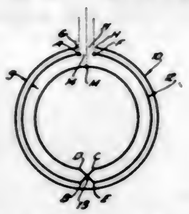


1. In a wax casting device, a housing, a mold holder carried by said housing, a plurality of rubber molds radially held in said holder, a cavity in the center of said holder, ports in said molds to provide a passage from said cavity to the cavity in said mold, spring means exerting pressure on one side of said molds, a cover on said housing against which said spring means compress said molds.

2,448,641
ALKYLATION OF CYCLIC UNSATURATED HYDROCARBONS USING ALKALI METAL CATALYST
Gerald M. Whitman, Claymont, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 27, 1946, Serial No. 650,729
12 Claims. (Cl. 260—666)

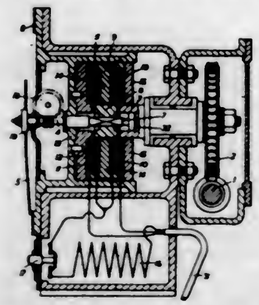
1. A method for the preferential alkylation of cyclic hydrocarbons on methylene and alkyl groups alpha to a ring double bond which comprises bringing into contact in a reaction zone an alkali metal catalyst, a monoolefin hydrocarbon and a cyclic hydrocarbon having at least two hydrogens on a carbon atom which is directly attached by a single bond to a nuclear carbon atom which in turn is attached by a double bond to another nuclear carbon atom, and selected from the class consisting of aromatic and hydroaromatic hydrocarbons, heating the mixture of hydrocarbons and alkali metal catalyst in said reaction zone at a temperature of 150° to 450° C. under superatmospheric pressure of 50 to 3000 atmospheres, collecting the reaction products and isolating therefrom an alkylated cyclic hydrocarbon formed by condensation of the olefin with the cyclic hydrocarbon on a group alpha to the ring double bond as aforesaid.

2,448,642
TUNER
Frank Wilburn, Burbank, Calif.
Application March 3, 1947, Serial No. 731,937
2 Claims. (Cl. 171—777)



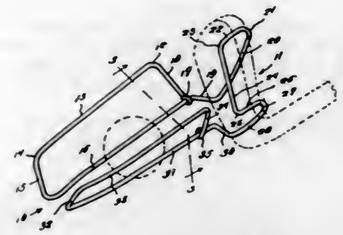
1. A tuner embodying a pair of coaxial coils, one of substantially one turn and one of substantially two turns, arranged for relative rotation on their common axis; said one-turn coil comprising a substantially 360° ring in a plane at right angles to the coil axis, said ring having a split forming an air gap therein; said two-turn coil comprising a substantially 360° ring in a plane parallel to the first mentioned plane, said ring being slotted to form two end portions, and two substantially 180° ring segments in a third plane parallel to the other two planes and close-spaced to the first mentioned plane, said ring segments being arranged with gaps between opposed ends thereof, and cross-over connections between the end portions of the 360° ring portion of the two-turn coil and the adjacent ends of the 180° ring segments.

2,448,643
REVOLUTION COUNTER ADAPTED TO OPERATE OVER VARIABLE PREDETERMINABLE PERIODS OF TIME
Herbert Cornelius Wilkins, Dalton-in-Furness, England, assignor to Vickers-Armstrongs Limited, London, England, a company of Great Britain
Application November 19, 1943, Serial No. 510,897
In Great Britain December 2, 1942
2 Claims. (Cl. 235—104)



1. A revolution counter adapted to be effectively connected to, and disconnected from, the rotary means the revolutions of which are to be counted over a given period of time, comprising a graduated counter to display the number of revolutions of the said rotary means made over the selected period, a spindle driving the counter, a further spindle adapted to be driven from the said rotary means, a reduction gear to connect said latter spindle to the rotary means, an electro-magnetic clutch interposed between the two spindles adapted to effect momentarily the effective connection and disconnection of the two spindles, an armature of said clutch in slidable and positive driving connection with said first-mentioned spindle, a pair of co-axial coils of said clutch spaced apart and disposed about said armature, a housing accommodating the clutch and spindles, a relatively fixed clutch face in said housing adapted to be engaged by said armature to arrest rotation of the first-mentioned spindle, a clutch face associated with the second-mentioned spindle adapted to be engaged by the armature to effectively connect the two spindles, and means to alternately connect the two coils to a source of electrical energy, the arrangement being such that the operative displacement of said armature eliminates any measurable lag or lost motion between the said rotary means and the spindle driving the counter.

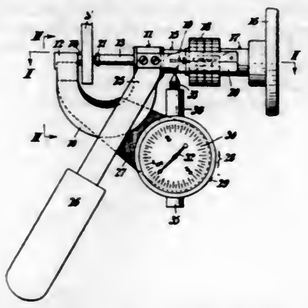
2,448,644
GOLF BALL RETRIEVER
Ray C. Williams, Holland, Ohio
Application December 14, 1945, Serial No. 635,018
1 Claim. (Cl. 294—19)



In an attachment for golf clubs and the like, the combination, which comprises a pair of juxtapositioned elongated substantially rectangularly-shaped wire loops with the lower strands thereof extending from the ends of the loops, and diagonally backward from a plane in which said lower strands are positioned, then upward at an angle of substantially 90°, and then over toward the loops with arcuate extensions providing a clip and having a bar joining the ends of said arcuate extensions.

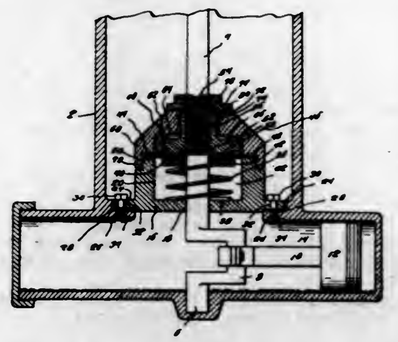
2,448,645
HARDNESS TESTER
William A. Williams, Philadelphia, Pa., assignor to The American Pulley Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 30, 1945, Serial No. 607,681
6 Claims. (Cl. 73—81)

1. A hardness tester comprising a flexible yoke with an anvil on one of its extremities, and a screw spindle with a penetrating point rotatably adjustable in the other extremity for engaging opposite faces of the specimen to be tested, said spindle having circumferential graduations for direct reading of the degree of penetration by coordination with a marker on the yoke; a lever arm with one end thereof rigidly secured to the end of the spindle-carrying extremity of the yoke and otherwise free; an indicator on the lever arm influenced by flexure of the yoke as the load is applied to the test piece by the screw spindle, said indicator having a point contact plunger in yielding lateral engagement with the spindle-carrying extremity of the yoke, and a



pointer actuated by the plunger and coordinative with a scale graduated in terms of load units.

2,448,646
BEARING SEAL
John M. Wisniewski, Prattsburg, N. Y.
Application May 7, 1946, Serial No. 667,911
2 Claims. (Cl. 286—11)



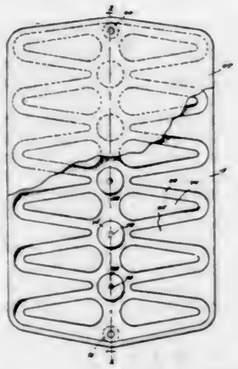
1. A fluid seal comprising a shaft rotatable in a housing having a bore, a flanged member carried by said shaft and rotatable with the shaft in said bore, said bore being enlarged to form a shoulder, said flanged member having on its flange an upstanding first annular ridge bearing against said shoulder to form a tight seal, said flange having on its lower surface a depending second annular ridge, an annular flexible sealing washer having its rim clamped in said housing to form a tight seal between said washer and the housing, said sealing washer having an axial aperture through which said shaft extends and being so arranged that its upper surface bears against said second annular ridge, pressure plate means for pressing an intermediate portion of said sealing washer upwards against said second annular ridge to form a tight seal, a spring disposed in said enlarged bore with its lower end resting on the floor of the bore and with its upper end pressing against said pressure plate biasing it upwards against said sealing washer to maintain a tight seal as said shaft rotates, and means acting against the flanged member and sealing washer for tightly sealing the shaft to the housing.

2,448,647
CALLING DEVICE
Fredric E. Wood, McHenry, Fred Gienger, Highland Park, Erik Decker, Chicago, and Robert L. Sargisson, Berwyn, Ill., assignors to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application October 30, 1946, Serial No. 706,608
5 Claims. (Cl. 179—90)



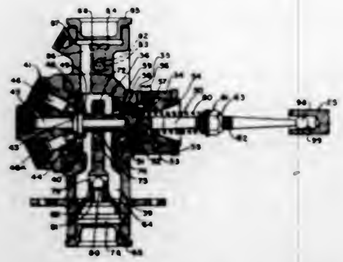
1. In an impulse sending device, a die-cast casing, a number plate, a number plate spring having bent over ends for holding said number plate on said casing, a driving spring for transmitting motion, a driving spring tension plate having lugs for holding said driving spring, ears on said driving spring tension plate extending through holes in said casing and said number plate spring for assembling said number plate spring, said casing and said driving spring tension plate; a hub extending through a hole in said number plate spring, a hole in said casing and a hole in said driving spring tension plate; said driving spring tension plate being force-fit on said hub, a shoulder on said hub abutting against said number plate spring, and a ringstake pressed from said hub against said driving spring tension plate to firmly clamp said casing between said spring tension plate and said number plate spring.

2,448,648
SOLAR WATER HEATER
Ernest E. Zideck, Pontiac, Mich., assignor of one-half to Clinton L. Stockstill, Wayne County, Mich.
Application September 8, 1944, Serial No. 553,259
2 Claims. (Cl. 257—256)



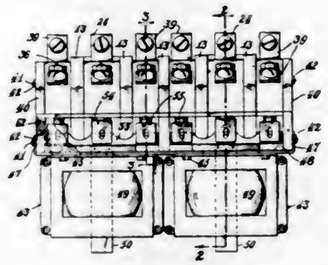
1. A solar water heater unit comprising a plate-like member having an inner surface provided with a depressed channel formation therein, said channel formation comprising a vertically extending medial passageway extending from end to end of the unit and horizontally disposed V-shaped channels projecting laterally from opposite sides of said medial passageway and extending from end to end of the unit, the channels at intervals throughout the length thereof communicating directly with said medial passageway, tapered islands formed coincidentally within and defining some of the wall portions of said channels with intervening alternate pointed peninsulas defining the opposite wall portions of said channels, said islands and said peninsulas together defining a multiplicity of communicable openings between said channels and said medial passageway, circular islands formed within said medial passageway at the communicable openings of the channels with said medial passageway, a complemental plate-like covering member attached to said first-mentioned plate-like member and at intervals throughout the area thereof to said circular islands, water inlet means provided at one end of the unit communicable with the adjacent ends of the channels and the adjacent communicable end portion of the medial passageway, and water outlet means provided at the opposite end of the unit and communicable with the adjacent portions of said channels and the adjacent end portion of said medial passageway.

2,448,649
DUPLEX FOUR-WAY VALVE
Harold W. Adams, Santa Monica, and Orville A. Wheelon, Pacific Palisades, Calif., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif.
Application April 17, 1944, Serial No. 531,390
6 Claims. (Cl. 251—18)



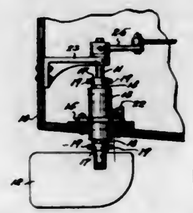
1. In a control valve of the character described, the combination of: a hollow body having spaced walls, one of said walls having an interior concave spheroidal face with port means therein, and the other of said walls having an opening opposite said face; a swingable member extending through said opening into said body, having on the inner portion thereof a closure member for sliding engagement with said face; a spherical shoulder carried by said swingable member; means sleeving said swingable member slidably mounted in said opening; a concave spherical seat formed on said sleeving means for receiving said shoulder and cooperating therewith for supporting said swingable member for universal movement whereby said closure member may be moved relative to said spheroidal face; adjustable means engaging said sleeving means for positively holding said seat against said shoulder and said swingable member in a position in which said closure member is maintained in good sealing engagement with said spheroidal face; and means forming a seal between said swingable member and said opening.

2,448,650
ELECTRIC CONTROL SWITCH
William J. Aitken, Manitowoc, Wis.
Application March 22, 1944, Serial No. 527,580
1 Claim. (Cl. 200—104)



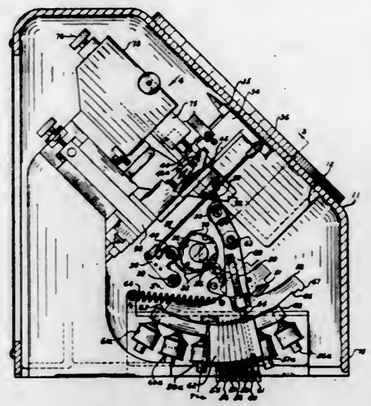
In a switch including electromagnetically operable means disposed below a lateral support and having a movable armature and an actuator movable by said armature, a block of electrically non-conductive material mounted on said support, said block being formed to provide a vertically disposed rear wall carried on said support, a top wall formed integrally with said rear vertical wall and spaced above said support and having an integral comparatively short depending front wall to provide a hooded arc chamber beneath said top wall, said actuator extending upwardly above said support, end plates of electrically non-conductive material mounted at opposite ends of said block and closing opposite ends of said arc chamber, means for removably securing said end plates to said block, a pair of stationary terminal contacts within said arc chamber, and an electrically connected pair of movable contacts within said arc chamber above said support yieldably carried on an electrically non-conductive bar which is connected with and movable by said actuator whereby said movable contacts are moved into make and break contact with said stationary terminal contacts, said bar having an intgeral extension providing a vertical closure wall disposed below and partially overlapping said depending front wall and being movable relatively to said front wall, said bar and said vertical closure wall cooperating with said front wall to complete the enclosure of said arc chamber.

2,448,651
NOISELESS RUDDER POST BEARING
Evender S. Aker, West Point Pleasant, N. J.; Florence L. Aker executrix of said Evender S. Aker, deceased
Application May 15, 1945, Serial No. 593,837
3 Claims. (Cl. 114—169)



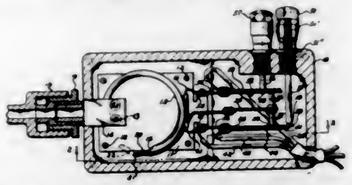
1. The combination with a boat bottom of a metallic rudder post bearing affixed thereto and therethrough, whereby the lower portion thereof projects exteriorly into the water, a rudder post, means within the boat to suspend said rudder post for downward extension through the axial bore of said bearing, said bore substantially exceeding in diameter the diameter of said rudder post, a pair of opposed journal members mounted on said rudder post, said journal members being respectively entered in opposite ends of said bearing body bore, each said journal member comprising an internal metallic sleeve slidable on said rudder post, each metallic sleeve terminating at its outer end in an annularly enlarged collar portion, and an external sleeve of rubber bonded to each internal metallic sleeve, said rubber sleeves having external diameters corresponding to the internal diameter of said bearing body bore so as to engage and turn in contact with the walls thereof, the collar portions of said journal members having means to releasably secure the latter to said rudder posts, and packing material intermediate the rudder post and the walls of said bearing body and to which inner ends of said journal members are opposed, said journal members being relatively adjustable axially to compress said packing material therebetween.

2,448,652
APPARATUS FOR ARRANGING, GAUGING, AND ASSORTING ARTICLES ACCORDING TO SIZE
Willis Fay Aller, Dayton, Ohio, assignor to The Sheffield Corporation, Dayton, Ohio, a corporation of Ohio
Application November 10, 1944, Serial No. 562,777
3 Claims. (Cl. 209—88)



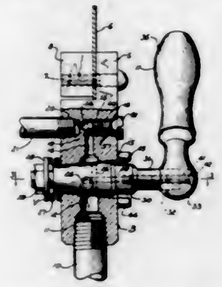
1. A gauging device comprising a holder for articles to be gauged, means for arranging the articles to be gauged in an advancing line, feeding means for periodically moving an article from the advancing line to a gauging station, gauging means at the gauging station, a series of electric switches operated by said gauging means for gauging different dimensions of the articles, a series of article receivers, a pivoted selector arm having a conduit for carrying the articles from the gauging station to a selected receiver, cam means for swinging said arm to carry the end of said conduit along the series of article receivers, and a series of solenoid operated stops controlled by said switches for arresting the swinging movements of said arm, and power means for driving said cam means, said arranging means and said feeding means in timed relation.

2,448,653
SIZE GAUGING DEVICE
Willis Fay Aller, Dayton, Ohio, assignor to The Sheffield Corporation, Dayton, Ohio, a corporation of Ohio
Application April 10, 1946, Serial No. 660,901
4 Claims. (Cl. 73—37.5)



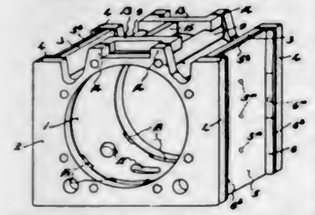
1. In a precision gauging apparatus for gauging the size of an object by measuring the amount of air leakage supplied under pressure through a gauging nozzle or nozzles cooperating with the object, in combination, a gauging nozzle for cooperation with the object to be gauged, a pressure responsive curved tube having a fixed end and having a closed free end which has expansive movement in a plane in accordance with pressure changes, a support for the fixed end of said tube, means placing the fixed end of said tube in communication with said nozzle, a rigid arm fixedly secured at one end thereof to the free end of the tube and projecting from the tube to a remote location so the remote end of the arm moves in accordance with the movement of the free end of the tube, a rigid switch blade at each side of said arm, a flexible spring blade at each side of said arm biased to contact with its respective rigid blade and movable from its respective rigid blade by said arm, means fixed with respect to said support for carrying said blades, and means for independently adjustably setting said rigid blades to precisely located positions.

2,448,654
HIGH-LOW GAS VALVE
Harry W. Anderson, Chicago, Ill.
Application June 4, 1947, Serial No. 752,425
5 Claims. (Cl. 277—64)



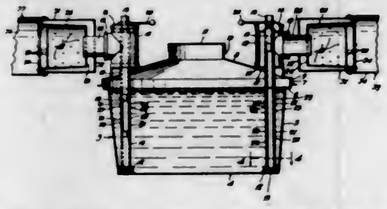
1. A gas valve having a body through which is a passageway in connection with an inlet and outlet and a tapered opening traversing the body and intersecting the passageway therethrough, a tapered valve plug rotatably fitted in the tapered opening and provided with a pair of angularly-related transverse ports therethrough, one large and the other small, each adapted separately in one rotative position of the plug to establish communication with the passageway and in a second rotative position to disestablish communication with the passageway, the valve plug being axially extended exteriorly of the body in the form of a stem, a handle fitted non-rotatably to the stem for operation of the valve plug, limit stops engageable with the handle to confine its operative movements to a range between the two positions of the plug above noted, there being formed in the plug an axial bore communicating with the smaller transverse port and extending therefrom to the outer end of the stem, screw threads formed within the axial bore, a regulating screw within the bore coacting with the screw threads therein adapted, upon rotation, to advance toward or recede from the inner end of the bore, whereby to open or close the smaller transverse port in varying degree, and a lock screw within the bore having a head exteriorly thereof in engagement with the handle, the lock screw coacting with the screw threads of the bore to secure the handle against axial displacement from the stem.

2,448,655
AXLE BOX
Cedric Albert Bowen, Aston, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application July 20, 1945, Serial No. 606,134
In Great Britain March 2, 1945
13 Claims. (Cl. 308—39)



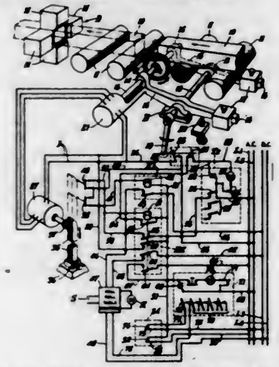
1. A built-up welded axle box comprising an internal tubular barrel unit, an outer box-like frame composed of separate plate members welded together and permanently attached to the barrel unit to form a body unit, and a plurality of longitudinally-extending gusset plates disposed in longitudinal planes above and below the axis of the axle box and welded at their inner and outer edges respectively to the said barrel unit and to the outer frame.

2,448,656
MULTIPLE ORCHARD BURNER
James L. Breese, Santa Fe, N. Mex., assignor, by mesne assignments, to Breese Burners, Inc., Santa Fe, N. Mex., a corporation of Delaware
Application August 12, 1943, Serial No. 498,279
8 Claims. (Cl. 158—91)



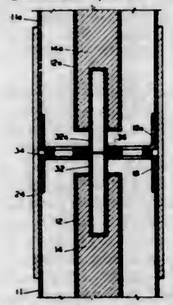
1. In a vaporizing burner, a vaporizing container adapted to hold a substantial body of liquid fuel, a burner, including a burner pot, a connecting tube extending between the burner pot and the vaporizing container and adapted to direct vaporized fuel from the container to the burner and an air inlet tube extending through said connecting tube and adapted to direct outside air toward the surface of the liquid fuel in the container at a point adjacent the inlet end of said tube.

2,448,657
FULLY AUTOMATIC DESURFACING CONTROL SYSTEM
James H. Bucknam, Cranford, N. J., assignor to The Linde Air Products Company, a corporation of Ohio
Application August 28, 1945, Serial No. 613,183
4 Claims. (Cl. 266—23)



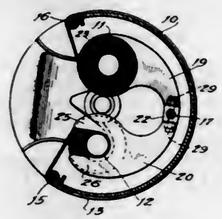
1. In an automatic control system for thermally treating a metal body on a conveyor, the combination comprising, detector means including a wheel operable by the body as it is advanced by the conveyor, means including a switch responsive to the operation of said detector means for changing the speed of the advancing movement of said body, and means including a Selsyn system driven by said wheel so as to be responsive to the advancing movement of the body at such speed for adjusting such movement for starting treatment when the body is in proper position for starting the thermal treatment thereof.

2,448,658
METHOD FOR MAKING EXPLOSIVE ASSEMBLIES
Claude H. Carey, Rush Township, Schuylkill County, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application March 2, 1946, Serial No. 651,563
3 Claims. (Cl. 86—31)



1. A process for the manufacture of explosive assemblies which comprises arranging, in an upstanding communicating series, shells having exit and entrance ports, pouring melted explosive into said series, then, after cooling said series until said explosive solidifies, separating a shell not filled with solidified explosive from said series, placing said unfilled shell at the bottom of a subsequent series, and repeating the process.

2,448,659
DEVICE FOR WINDING HECTOGRAPH ROLLS EVENLY
William J. Champion, La Grange, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application April 26, 1944, Serial No. 532,862
8 Claims. (Cl. 101—132)



1. In a duplicating machine having a platen, a gelatin band extending across the face of said platen, a spindle adjacent one end of the platen on which one end of the gelatin band is mounted, a second spindle adjacent the other end of the platen on which the other end of the band is mounted, said spindles being mounted for rotation so that the band may be drawn across the platen and wound on one spindle as it is unwound from the other, means to prevent spiraling of the band on the spindles, comprising a bifurcated plate mounted in a plane substantially perpendicular to the axis of one spindle adjacent one end thereof in position to engage the edge of the band wound thereon, a second bifurcated plate mounted in a plane substantially perpendicular to the axis of the other spindle adjacent the other end thereof in position to engage the other side edge of said band, the spindles being received between the bifurcations of said plates.

2,448,660
PREPARATION OF ETHER ACETALS
Willard J. Croxall, Bryn Athyn, and Harry T. Neher, Bristol, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application October 30, 1947, Serial No. 783,210
6 Claims. (Cl. 260—615)

1. A process for preparing ether acetals which comprises reacting at 0° C. to 75° C. in the presence of a mercury catalyst and a strongly acidic catalyst a vinyl ester of a saturated monocarboxylic acid of two to four carbon atoms and an ether alcohol of the formula

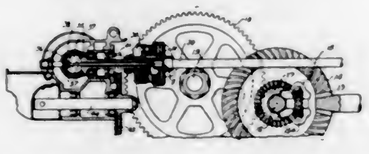
$$R'(OR'')_xOH$$

wherein R' is a hydrocarbon group, R'' is an alkylene group of two to three carbon atoms, and x is an integer from one to twelve, destroying the acidic catalyst in the reaction mixture, and separating therefrom an ether acetal.

2,448,661
METHOD OF PREPARING PARASITICIDES CONTAINING ALUMINUM HYDROXIDE
Homer L. Cupples, Alexandria, Va.; dedicated to the free use of the People in the territory of the United States
No Drawing. Application September 28, 1944, Serial No. 556,242
1 Claim. (Cl. 167—33)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

A process of preparing parasiticides comprising the mixing of xanthone, a vegetable gum, aluminum sulphate, water, and ammonium hydroxide, the latter three ingredients being in the proportion of about 60 milliliters of 10% aluminum sulphate, to about 2835 milliliters of water, to about 55 milliliters of ammonium hydroxide (specific gravity 0.90 diluted from one to ten volumes), thereby precipitating aluminum hydroxide in situ.

2,448,662
POWER TAKEOFF
Frank Douglas Dale, Coldwater, Kans., assignor to Harry Ferguson, Inc., Dearborn, Mich., a corporation of Delaware
Application January 25, 1945, Serial No. 574,530
6 Claims. (Cl. 74—11)



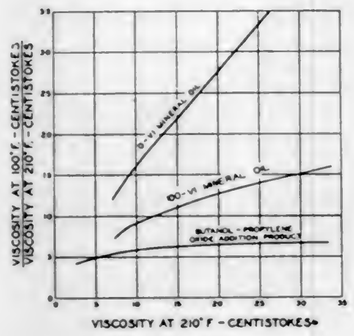
1. A power-take-off unit assembly for use on tractors with a transmission case having an opening at the rear end and provided with a rearwardly extending propeller shaft which is directly connected with the crank shaft and independent of the tractor transmission shaft and clutch, said assembly comprising a housing boltable to said open rear end, a power-take-off shaft supported in said housing and carrying on its end and arranged to be supported upon and driven by the end of the propeller shaft a second clutch provided with driving and driven members, means for affording packing pressure to the members and means for releasing said packing means, said means including connections passing longitudinally through the said power-take-off shaft and devices by which said connections may be operated to release the clutch.

2,448,663
COMPOSITE SHOE PLATFORM
Fred J. Diamant, New York, N. Y.
Application November 29, 1945, Serial No. 631,546
1 Claim. (Cl. 36—30)



A composite shoe platform comprising an upper layer of hard felt, a lower layer of fiber board, and an intermediate layer of felt padding, united to form a composite unit.

2,448,664
POLYOXYPROPYLENE COMPOUNDS
Harvey R. Fife, Mount Lebanon, Pa., and Frederick H. Roberts, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation, a corporation of New York
Application May 30, 1944, Serial No. 538,098
6 Claims. (Cl. 260—615)



3. Compositions of matter having lubricating properties predominantly comprising liquid, water-immiscible monohydroxy 1,2-polyoxypropylene monoethers having an average molecule weight by acetyl values between 1000 and 3000, said monoethers being obtained by adding propylene oxide to a heated body of a liquid acyclic alkanol having from 1 to 20 carbon atoms and containing an alkaline catalyst at such a rate as to maintain a substantially uniform concentration of unreacted propylene oxide in the reaction zone, said monoethers being further characterized by having a viscosity of at least about seven centistokes at 210° F. and being further characterized by their ratio of kinematic viscosity at 100° F. to their kinematic viscosity at 210° F. being less than 6.6, by thermochemical stability at 500° F., and by pour points lower than —20° F.

2,448,665
LOW-TEMPERATURE NONCRYSTALLIZING DDT-ALKYLATED NAPHTHALENE INSECTICIDE
Elmer E. Fleck, Silver Spring, and Robert K. Preston, Cumberland, Md.; dedicated to the free use of the People in the territory of the United States
No Drawing. Application June 22, 1945, Serial No. 601,054
1 Claim. (Cl. 167—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

An insecticidal composition which will remain free from crystal formation of DDT at all temperatures between about —20° F. and 140° F. comprising a solution of about from 95 to 80 parts, by weight, of a kerosene mixture of DDT and about from 5 to 20 parts, by weight, of substantially pure alkylated naphthalenes, said kerosene mixture containing about from 3 to 10 percent DDT.

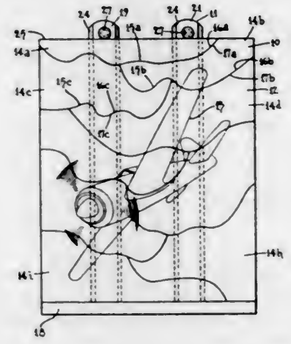
2,448,666
POLYETHYLENE-POLYVINYL ACETAL COMPOSITION
David A. Fletcher, Pompton Plains, and Malcolm M. Renfrew, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 14, 1944, Serial No. 540,314
6 Claims. (Cl. 260—45.4)

1. An article having an at least semi-rigid surface, said surface bearing a coating essentially composed of a uniform mixture of 10 parts of a polyvinyl acetal resin of the composition:

	Per cent
Ester content as polyvinyl ester	Up to 10
Hydroxyl content as polyvinyl alcohol	Up to 30
Acetal content as polyvinyl acetal	Above 60

and 5–20 parts of polyethylene having a molecular weight above 6,000.

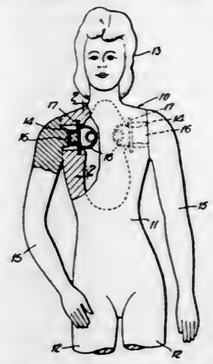
2,448,667
JIGSAW PUZZLE AND RACK THEREFOR
Sheldon H. Gainsley, Minneapolis, Minn.
Application November 30, 1944, Serial No. 565,817
3 Claims. (Cl. 273—157)



2. A puzzle comprising a number of complementary pieces having meandering edges adapted to fit the edges of other pieces, said pieces being adapted to be assembled to form a composite figure, a rack including a rack bar, a dovetailed tongue on said rack bar, and dovetailed grooves formed in said pieces and adapted to receive said tongue to hold the pieces in assembled relation.

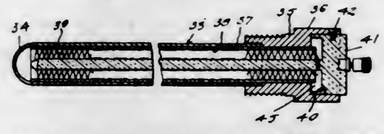
2,448,668
JOINTED MANNEQUIN DOLL
Max Geller, Brooklyn, N. Y.
Original application September 22, 1942, Serial No. 459,233. Divided and this application January 26, 1945, Serial No. 574,708
1 Claim. (Cl. 46—173)

In a doll having a hollow body with a round opening therein, a keeper ring securely mounted in said opening and concentric relative thereto, the interior diameter of the ring being less than the diameter of said opening, a member having a reduced projection extending into said opening, and a spring loop member larger than the inside diameter of said ring, carried by said reduced projection and extending through the opening in the keeper ring and having interlocking



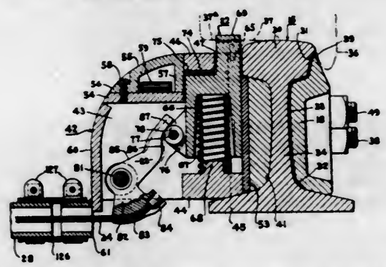
engagement with the inner peripheral edge of the ring member.

2,448,669
ELECTRIC HEATER FOR TANKS
Thomas F. Green, Jr., Ormond Beach, Fla.
Application December 22, 1945, Serial No. 636,816
1 Claim. (Cl. 219—38)



A tank heater comprising a tubular housing for extension into a tank, a closed inner end on said housing, a ceramic core loosely disposed in said housing and formed with a plurality of circumferentially spaced apart bores, a resistance coil loosely disposed in said bores, a plug in the outer end of said housing, said plug formed with an annular recess on the inner end thereof adjacent the outer end of said core, a pair of terminals carried by said plug extending therethrough and into said recess and connected to said coil, and means removably securing said plug in said housing.

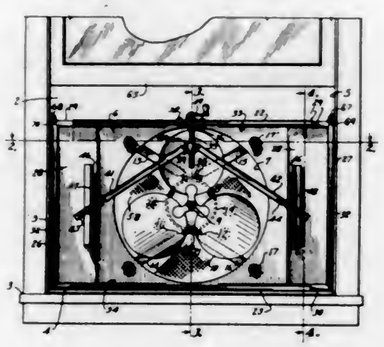
2,448,670
RAIL LUBRICATOR
Warren C. Heidenthal, Middletown, N. Y., assignor to American Brake Shoe Company, New York, N. Y., a corporation of Delaware
Application March 17, 1944, Serial No. 526,894
10 Claims. (Cl. 184—3)



8. In a track lubricator, a track having a lubricant-applying device, a lubricant tank, delivery

apparatus for transferring lubricant from said tank to said applying device, a reciprocable plunger member mounted on said track to be engaged by wheels running on said track, a drive member operatively connected to said delivery apparatus, an operating mechanism between said operating member and said driven member for driving the latter, said operating mechanism including a cam element and a roller in engagement therewith, said cam element being movable with said driven element, said roller being journaled on said plunger member, said cam element having a fall portion and a dwell portion, said roller moving along said fall portion with the first part of movement of said plunger member caused by a car wheel, said roller moving along said dwell portion with further movement of said plunger member beyond said first part movement, whereby said operating mechanism transmits said first part movement of said plunger member to said driven member and does not transmit said further movement of said plunger member to said driven member.

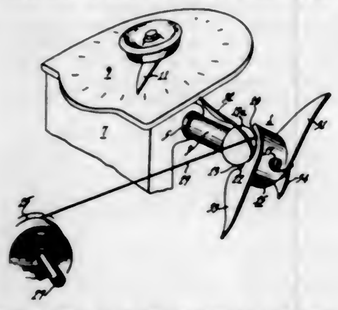
2,448,671
FRAME STRUCTURE FOR VENTILATING FANS
Paul E. Hord, Tebbetts, Mo.
Application March 10, 1947, Serial No. 733,600
5 Claims. (Cl. 98—94)



1. A frame for a window ventilating fan comprising, top, bottom and side members forming a housing having a central opening, means for supporting the fan in the housing coaxial with said opening, a pair of extension panels slidably connected with the respective sides of said housing, a threaded rod rotatably carried by and depending from the top member of said housing, a threaded collar on said rod, and links connecting said collar with said panels, whereby said panels are extended on said housing so that their outer side edges engage the faces of the window frame.

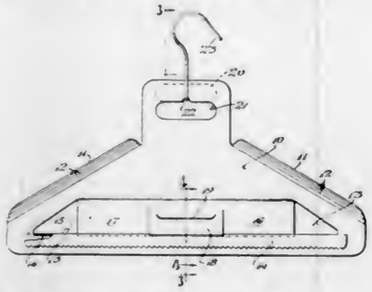
2,448,672
ART OF WINDING ODD-SHAPE COILS
Harry V. Knauf, Jr., Oaklyn, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application December 30, 1944, Serial No. 570,663
7 Claims. (Cl. 140—92.2)

1. A winding head having an axis of rotation and a plurality of coil-forming slots arranged around said axis and extending into said head in alternately longitudinal and transverse directions with respect to said axis, and means responsive to rotation of said head for directing a strand



sequentially into said longitudinal and transverse coil-forming slots.

2,448,673
GARMENT HANGER
William R. Kohl, Glenview, Ill.
Application January 13, 1943, Serial No. 472,221
2 Claims. (Cl. 223—87)

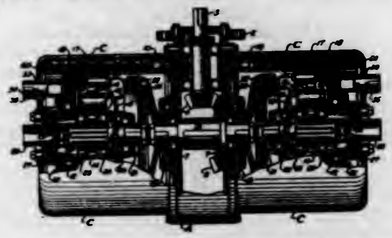


1. A garment hanger comprising a sheet of stiff resiliently yieldable material which is cut in generally triangular form to present an upstanding center portion and two laterally sloping side portions, said hanger being provided above its lower edge with a horizontally extending slot and with a plurality of downwardly extending flaps which form the upper edge of the slot, and a separate downwardly opening channel strip positioned on the lower edge of the slot beneath the flaps in substantially centered relation to said edge, said flaps being deflectable in opposite directions with respect to the center of the channel strip whereby to frictionally engage and prevent sliding movement of a garment hung over the strip.

2,448,674
HOIST
Frank P. Lawler, Chicago, Ill., assignor of one-third to Charles H. Grant, San Francisco, Calif., one-third to Frank P. Lawler, Chicago, Ill., and one-third to Paul J. Tyler, Oroville, Calif.
Application April 23, 1945, Serial No. 589,921
4 Claims. (Cl. 254—185)

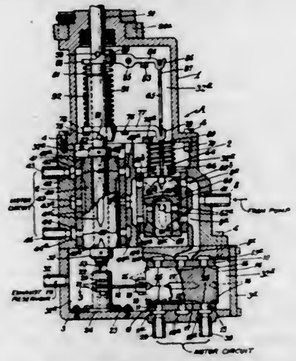
2. In a double drum hoist, a central housing, a pair of cable drum housings disposed one on each side of the central housing and secured thereto, a drive shaft journaled in the central housing, an intermediate shaft also journaled in said housing but at right angles to the drive shaft, a driven shaft mounted in each cable drum

housing, a cable drum disposed within each cable drum housing, said intermediate and driven shafts being concentric to the cable drums, a reduction gear train mounted within each cable drum and completely enclosed thereby, said reduction gear train connecting the driven shafts with the respective cable drums, a clutch inter-



posed between each driven shaft and the intermediate shaft, brakes to arrest motion of the cable drums when the clutches are disengaged, a pair of control levers one for each cable drum, and means actuated by each lever for selectively engaging or disengaging either the clutch or the brake on an adjacent cable drum.

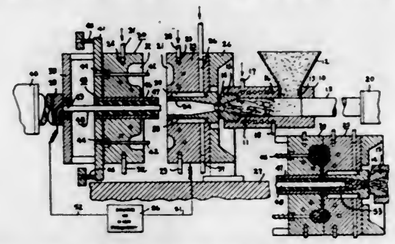
2,448,675
CONTROL MECHANISM FOR A PLURALITY OF MOTORS
Peter L. Loewe, Kalamazoo, Mich.
Application November 6, 1943, Serial No. 509,255
12 Claims. (Cl. 60—97)



4. A hydraulic system including a pump, a plurality of motors, a separate circuit for each said motor, a hydraulic fluid supply from which the pump may draw fluid, and to which the motors may exhaust fluid, a bleeder valve interposed between the pump and both motors and motor circuits, and adapted to be moved to control the discharge of motive fluid under pressure from the pump, a throttle valve interposed between the bleeder valve and the motor of each said circuit, and means for operating said valves in unison.

2,448,676
METHOD OF INJECTION MOLDING
Howard F. MacMillin and George A. Waldie, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, a corporation of Delaware
Application April 23, 1943, Serial No. 484,139
3 Claims. (Cl. 18—55)

1. A method of injection molding plastic material which includes, heating a plastic material to a flowable condition within a heating chamber, moving the heated plastic material through a sprue chamber and between electrodes that are connected to a source of high frequency current for producing a field in said chamber and thereby intensely heating the plastic material only while passing through the high frequency field between the electrodes to a temperature sub-



stantially above that of the plastic material in the heating chamber, cooling the wall of the sprue chamber that is in contact with the plastic material, said cooling being carried out concurrently with the heating of the plastic material in the sprue chamber to avoid absorption of heat by the wall of the sprue chamber, and delivering the plastic material at the elevated temperature from between the electrodes into a mold cavity.

2,448,677
CLOSURE FOR INFLATABLE STRUCTURES
Gerald D. Mallory, Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
Application June 6, 1944, Serial No. 538,969
1 Claim. (Cl. 24—205.1)

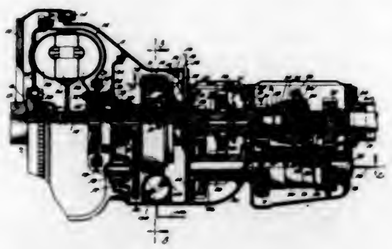


A sealable closure means for disengageably securing together the edges defining an opening in a container and the like, said closure means comprising a slide fastener for uniting the edges of the opening; and sealing means attached adjacent the edges of the opening and arranged to interfit in complemental relation when the edges of the opening are united by the slide fastener, each of said sealing means being characterized in cross section by two reversed arcuate portions tangentially joined to one another and having at the extremity of one of the arcuate portions a thin knife-edged flexible fin which is disposed in generally overlapping arrangement with a similar fin at the extremity of one of the arcuate portions of the other sealing means when both of said sealing means are interfitted by the uniting of the edges of the opening by the actuation of slide fastener.

2,448,678
MOTOR VEHICLE TRANSMISSION AND CONTROL MECHANISM THEREFOR
Forest R. McFarland, Huntington Woods, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application September 16, 1942, Serial No. 458,494
25 Claims. (Cl. 74—472)

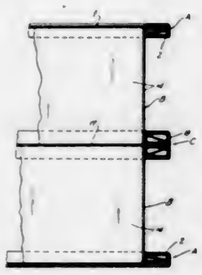
1. In a transmission, a driving shaft, a driven shaft, a hydraulic torque converter operative to

couple said shafts, said converter including a reversely operated reaction member, abutment means for restraining said reaction member from being driven reversely, control means operable to



hold or release said abutment means, and coupling means being operable to drivingly connect the driven shaft with the abutment means for reverse drive when said abutment means is released by said control means.

2,448,679
KNOCKDOWN TRAY STACK
John W. Meinhardt, St. Louis, Mo., assignor to Gaylord Container Corporation, St. Louis, Mo., a corporation of Maryland
Application July 14, 1944, Serial No. 545,019
2 Claims. (Cl. 229—41)

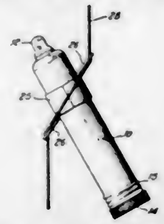


1. A knockdown tray stack made entirely of corrugated board or the like comprising duplicate upper and lower side wall sections permanently closed on all sides and open at their tops and bottoms, duplicate closure sections, one for the top of the upper side wall section and the other for the bottom of the lower side wall section, and a partition section between said upper and lower side wall sections, each of said closure sections comprising a closure panel disposed in abutting relation to the adjacent end of a side wall section and a relatively wide flat tubular edge frame permanently secured to said closure panel and fitting around said end of said side wall section in outstanding relation thereto, said partition section comprising a closure panel disposed between and in abutting relation to the adjacent ends of said upper and lower side wall sections and a relatively wide flat edge frame permanently secured to said last mentioned closure panel and having tubular portions disposed above and below the latter and fitting around said adjacent ends of said upper and lower side wall sections in outstanding relation thereto.

2,448,680
METHOD OF PRODUCING CORN STEEP NUTRIENT
Robert P. Myers and Marvin L. Speck, Baltimore, Md., assignors, by mesne assignments, to National Dairy Research Laboratories, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 5, 1944, Serial No. 557,378
9 Claims. (Cl. 195—103)

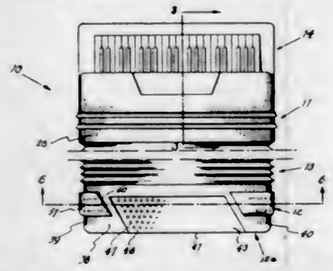
1. A method of producing a nutrient for microorganisms from corn steep water which comprises concentrating the corn steep water to increase its total solids content, adding yeast to said steep water to ferment carbohydrates present in said steep water, adding an alkali to said steep water to render it strongly alkaline, heating said alkaline steep water to precipitate coagulable solids, separating the precipitated solids from the liquid components, and susbtantially neutralizing said liquid components.

2,448,681
FISH BITE SIGNAL DEVICE
Okey K. Nutter, Jamaica, N. Y.
Application September 21, 1944, Serial No. 555,128
3 Claims. (Cl. 43—17)



1. Means for securing a fishing line to a signalling device so that the device normally is held in a non-signalling position and is movable into a signalling position in response to a pulling force exerted on the hook end of the line, said means consisting of a clamping member applicable to said device, and laterally disposed line-engaging arms on said member, arranged obliquely and diametrically opposite each other.

2,448,682
SOUND DEFLECTOR FOR ACCORDIONS
Roberto Pancotti, Brooklyn, N. Y.
Application March 7, 1947, Serial No. 733,061
9 Claims. (Cl. 84—376)



1. In an accordion construction comprising treble and bass reed chambers interconnected by bellows, each of said chambers having sound transmitting openings in portions thereof, sound wave deflecting means on each of said chambers adapted to direct the sound waves emanating from said chambers towards each other.

2,448,683
TITANIUM OXIDE PRODUCTION
James Howard Peterson, Oak Ridge, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 9, 1944, Serial No. 521,685
7 Claims. (Cl. 23—202)

1. A process for obtaining small particle size, soft-textured, friable, anhydrous TiO_2 having an average particle size corresponding to the colloidal TiO_2 from which it is prepared, which comprises neutralizing a peptized colloidal TiO_2 dispersion free from extender particles, by means of an alkaline reagent, and then calcining the coagulated TiO_2 product at a temperature ranging from 300–700° C., in the presence of the salt formed by reaction between the alkaline agent and the peptizing agent in said colloidal dispersion.

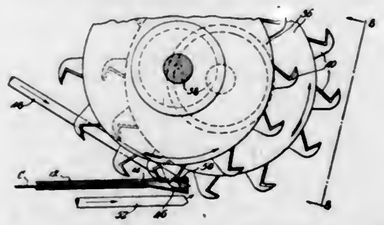
2,448,684
PROCESSES OF DE-EMULSIFICATION OF WATER GAS TAR EMULSIONS AND OIL GAS TAR EMULSIONS
Sebastian A. Petrino, Brooklyn, N. Y.
No Drawing. Application August 10, 1946, Serial No. 689,816
6 Claims. (Cl. 252—332)

1. A method for de-emulsifying a water-in-tar emulsion resulting from a gas-making operation which comprises adjusting the pH of the water phase of the emulsion to a value between about 9 and 11 and heating the resulting mixture in the presence of a water soluble solphonate of an aromatic hydrocarbon.

2,448,685
ELECTRICAL CONTACT BRUSH
Dimiter Ramadanoff, Cleveland, Ohio, assignor to National Carbon Company, Inc., a corporation of New York
No Drawing. Application April 29, 1944, Serial No. 533,401
2 Claims. (Cl. 171—325)

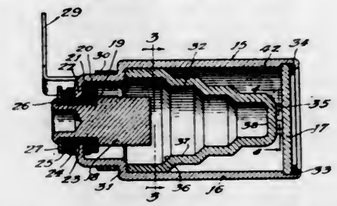
1. Electrical contact brush comprising a major proportion of a mixture of graphite and copper, and a minor proportion of at least one of the rare earths of the thorium, cerium, and yttrium groups, such rare earth or earths amounting to about 15% by weight of the brush.

2,448,686
LOOP CUTTING MECHANISM
Charles G. Richardson, Springfield, Vt., assignor to Parks & Woolson Machine Co., Springfield, Vt., a corporation of Vermont
Application May 11, 1946, Serial No. 669,167
9 Claims. (Cl. 26—11)



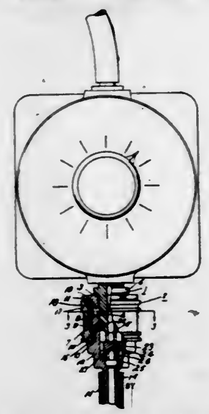
1. A selvage loop cutting machine comprising means for supporting a strip of cloth to be moved longitudinally along a predetermined path in a flat plane, means providing a guide for supporting a marginal edge of the cloth in said path, a notch in the marginal edge of the guide, means for directing an air jet upon the cloth in the notch to form a salient, a pair of loop cutting units in juxtaposed relation at the notch, each unit having a plurality of loop cutting knives disposed in spaced relation on and along a movable support in position successively to pass through the notch and the salient transversely of the marginal edge of the cloth, and means for diverting selvage loops of said marginal edge toward said units as the cloth passes the notch.

2,448,687
LIQUID AND GAS TRANSFER IN MERCURY SWITCHES
Ernst Walter Rickmeyer, Berkeley, Ill., assignor to Jefferson Electric Company, Bellwood, Ill., a corporation of Illinois
Application October 26, 1945, Serial No. 624,790
8 Claims. (Cl. 200—80)



2. In a mercury switch of the class described a switch envelope, a porous dividing wall in the envelope forming two separate chambers, the wall being cup shape with tapered walls, and sloping surfaces on the inner faces of the walls projecting into the cup.

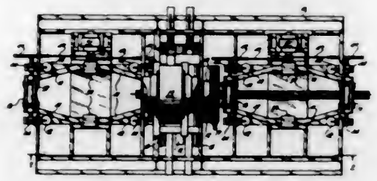
2,448,688
COUPLING
Albert T. Scheiwer, Erie, Pa.
Application May 21, 1945, Serial No. 594,929
2 Claims. (Cl. 285—97.3)



1. A coupling comprising a male member having a connecting portion with a peripheral groove; and a female member comprising a sleeve having radially extending ball-retaining apertures thereabout, ball members carried in said apertures, a member externally of said sleeve forming with said sleeve an annular groove and a flat annu-

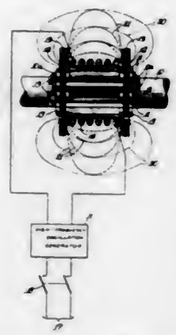
lar-shaped spring for disposal in said groove and in engagement with the outer periphery of said inner sleeve adapted to engage said ball members and force them inwardly.

2,448,689
DEBARKING APPARATUS
Auxilius P. Schnyder, Teaneck, N. J.
Application October 16, 1944, Serial No. 558,810
4 Claims. (Cl. 144—208)



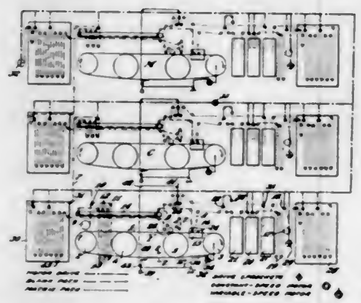
1. A de-barker, comprising in combination, a rotary drum provided with de-barking instruments, and log guide means at one end of said drum, said guide means including upper and lower pivoted arms carrying guide rolls, one of which rolls is power driven, weights urging said rolls toward the central axis, and spring means disposed to partially support the lower roll.

2,448,690
APPARATUS FOR BONDING WEAR-RESISTANT FACING ELEMENTS TO MACHINE ELEMENTS
Herbert F. Storm, West Allis, Wis., assignor to Sunbeam Corporation, a corporation of Illinois
Application June 7, 1944, Serial No. 539,107
2 Claims. (Cl. 219—12)



1. Apparatus for bonding a plurality of elongated cutting elements to teeth arranged about and radiating from the shank of a rotary tool bit cutter, comprising holding elements disposed against said cutting elements in the tooth slots separating said teeth to hold said cutting elements against the sides of said teeth and projecting radially beyond said cutting elements, one or more tensioned conductive metallic strands surrounding said shank and tightly wrapped around the projecting parts of said holding elements to force said holding elements into said tooth slots, thereby to bias each of said cutting elements against the sides of each of said teeth respectively, means for developing a high frequency magnetic field surrounding said cutter comprising a high frequency inductor surrounding said cutter and of a length substantially equal to the distance between said conductive strands, and means for substantially shielding the conductive strands from said high frequency field to prevent excessive heating thereof.

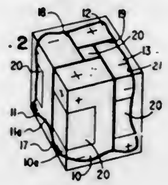
2,448,691
CINEMATOGRAPHIC METHOD AND APPARATUS
Frank W. Taylor, Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif., a corporation of Maine
Application June 15, 1945, Serial No. 599,593
10 Claims. (Cl. 271—2.3)



1. In the art of cinematography which comprises successively registering auxiliary films with a main film on a plurality of carriers which hold the films in registered contact throughout paths of considerable length, the main film feeding successively from one carrier to the other and one auxiliary film feeding into superposition with the main film on each carrier, the films feeding to and from the carriers through processing chambers and over driven sprocket wheels which engage the films throughout relatively short lengths, the method of propelling the films which comprises driving said sprocket wheels at constant and equal speed, driving each of said carriers at variable speed, and regulating the speed of each carrier in accordance with variations in the length of one of said films between that carrier and an adjacent one of said sprocket wheels, whereby the films are maintained in synchronism while keeping the speed constant in said processing chambers, even though said carriers and sprocket wheels have different degrees of inertia.

9. In the art of cinematography which comprises successively registering auxiliary films with a main film on a plurality of endless belts respectively, each belt having a succession of register teeth engaging the sprocket holes of the films, the main film feeding successively from one belt to the other and one auxiliary film feeding into superposition with the main film on each belt, the films feeding to and from the belts through processing chambers and over driven sprocket wheels, apparatus comprising means kinematically interconnecting said sprocket wheels so that they must rotate in unison, a motor for driving said means, means for driving each of said belts at variable speed, and means for regulating the speed of each belt in accordance with variations in the length of one of said films between that belt and an adjacent one of said sprocket wheels, whereby the films are maintained in synchronism while keeping the speed constant in said processing chambers.

2,448,692
MAGNETIC BLOCK
Macy O. Teetor, New Castle, Ind.
Application December 29, 1945, Serial No. 638,103
7 Claims. (Cl. 175—367)



1. A magnetic block comprising a plurality of permanent U magnets having their respective legs directed outwardly and their respective inner and side surfaces adjacent to but spaced from each other and having a plurality of north poles in spaced relationship and a plurality of south poles in spaced relationship exposed on each side of said block and arranged with said north poles in attracting juxtaposition with said south poles, and spacer means composed of non-magnetic material between said respective inner and side surfaces of said magnets.

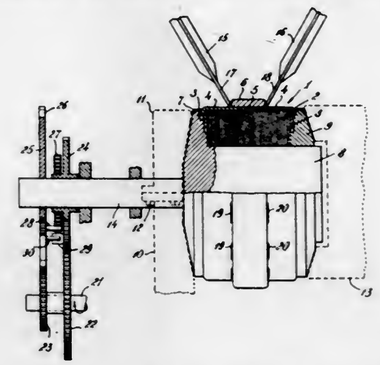
2,448,693
EVISCERATING METHOD AND APPARATUS
Richard D. Treiease and Carl H. Koonz, Chicago, Ill., assignors to Swift and Company, Chicago, Ill., a corporation of Illinois
Application December 27, 1943, Serial No. 515,670
4 Claims. (Cl. 17—11)



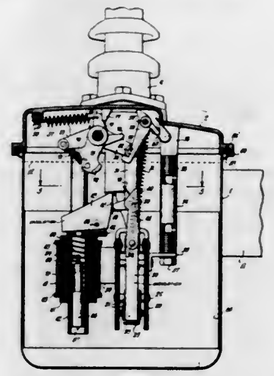
3. A method for eviscerating poultry carcass comprising the step of cutting a slit in the posterior portion of the carcass, manually removing through the slit a substantial portion of the viscera, particularly the intestines, liver, and gizzard, and thereafter removing by pneumatic suction the lungs, kidneys, testes, ovaries, and other loose viscera not previously manually removed, simultaneously severing while pneumatically removing viscera which is normally not readily separable from other portions of the carcass, and pneumatically cleaning the internal surfaces from which the viscera has been removed.

2,448,694
ELECTRIC WELDING APPARATUS
Joseph M. Tyrner, New York, N. Y., assignor to Air Reduction Company, Incorporated, a corporation of New York
Application April 13, 1946, Serial No. 662,033
5 Claims. (Cl. 219—8)

1. Welding apparatus of the type described comprising means for holding a welding electrode in juxtaposition to the work, means for producing relative motion between the work and the electrode, and variable speed driving means for producing said relative motion comprising a constant speed drive shaft, a countershaft connected to the work, a pair of gears fixed to said drive shaft, a second pair of gears carried by said countershaft, one of said second pair of gears being fixed to the countershaft and the other being loosely mounted thereon, and a spring interconnecting the gears on the countershaft, the said gear fixed to the countershaft having blank spaces at intervals around the periphery thereof whereby this gear is alternately driven by a gear on the drive shaft at a speed corresponding with normal welding speed, and then at a higher speed by the action of the other gear on the countershaft and the said spring.

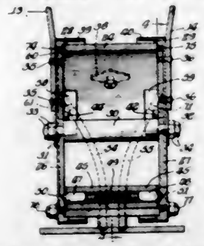


2,448,695
CIRCUIT BREAKER
Anthony Van Ryan, South Milwaukee, Wis., assignor to Line Material Company, a corporation of Delaware
Application July 24, 1944, Serial No. 546,245
12 Claims. (Cl. 200—89)



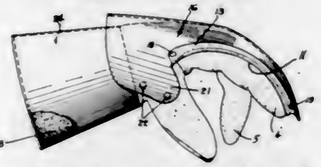
1. A circuit breaker comprising switch means, normally extended toggle link mechanism having one end operatively connected to said switch means, latch means normally holding the other end of said toggle link mechanism from motion of translation, means for detaching the said other end of said toggle link mechanism from said latch means when said toggle link mechanism executes collapsing motion, and means including condition responsive means for causing said toggle link mechanism to execute collapsing motion.

2,448,696
CONTROL UNIT
Charles A. Arens, Chicago, Ill., assignor to Arens Controls, Inc., Chicago, Ill., a corporation of Illinois
Application May 17, 1943, Serial No. 487,238
12 Claims. (Cl. 74—501)



1. A control unit comprising a frame, a control member pivotally mounted on said frame, said control member having a cylindrical indicator portion extending radially beyond and over the frame, and a transmission member connected at one end to said pivoted control member and adapted to be connected at its other end to a device to be controlled, said control member having a groove receiving the transmission member and within which the transmission member is maintained by a portion of the frame, said transmission member being axially shiftable by the operation of the pivoted control member, and said transmission member during its axial shifting in a given direction having uniform areas of contact with said frame.

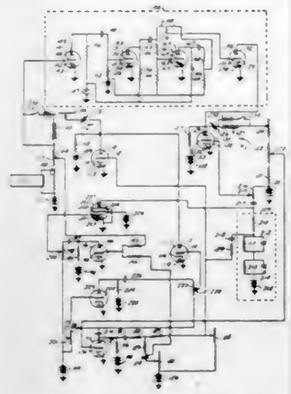
2,448,697
WELDING GLOVE
Robert Bakke, Minneapolis, Minn.
Application May 23, 1946, Serial No. 671,798
4 Claims. (Cl. 2—161)



1. In a welder's glove comprising the usual back, palm, and finger portions, seams securing together said back and palm portions along the sides of the glove, a strip of flexible material interposed between the back and palm portions along the forefinger side of the glove and secured therebetween by the seam securing together said portions, and a fireproof shield having one of its side edge portions secured to said flexible strip and overlying the back of the glove with its opposite edge suitably secured to the opposite side of the glove, thereby to provide a protective covering for the back of the glove against sparks and bits of molten metal which may fly from the work during a welding operation.

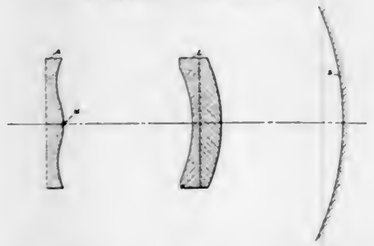
2,448,698
FLUTTER PREDICTING APPARATUS
Maurice A. Biot, Pasadena, and Thomas H. Wiancko, Altadena, Calif.
Application October 21, 1944, Serial No. 559,822
7 Claims. (Cl. 235—61)

1. Electrical means for predicting the behavior of a fluid-mechanical system capable of exhibiting the phenomenon of flutter, said means comprising an electric circuit for each degree of freedom of the mechanical system, a plurality of nonsymmetrical coupling impedances interconnecting said circuits, the character of the impedances



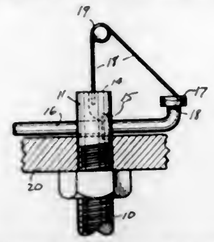
of said circuits and the character of said coupling impedances being such that the equations defining the currents in said electric circuits are identical in form to the equations defining the displacements with respect to each degree of freedom in the mechanical system.

2,448,699
SCHMIDT TYPE IMAGE FORMER WITH NEGATIVE MENISCUS LENS SPHERICAL ABERRATION CORRECTOR
Albert Bouwers, Delft, Netherlands, assignor to N. V. Optische Industrie "De Oude Delft," Delft, Netherlands
Application December 18, 1945, Serial No. 635,687
In the Netherlands October 16, 1945
2 Claims. (Cl. 88—57)



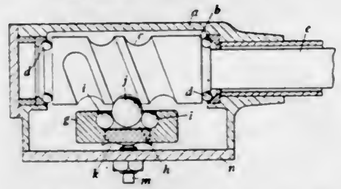
1. An optical system comprising a concave spherical mirror, a refractive correction element having spherical refractive surfaces and having the character of a negative meniscus lens, the centers of curvature of said surfaces being within a distance from the center of curvature of said mirror less than one-fourth the radius of curvature of said mirror, said element being positioned between the mirror and the center of curvature thereof to be traversed only once by light rays entering the system, and a correction plate comprising an aspherical refractive surface placed substantially at the center of curvature of said mirror, said correction element and said correction plate substantially eliminating the spherical aberration introduced in said system by said mirror.

2,448,700
TOGGLE BOLT
Hugh N. Boyer, near Canfield, Ohio
Application August 12, 1946, Serial No. 689,860
4 Claims. (Cl. 85—3)



3. A toggle bolt for mounting through an opening in a horizontal member, said toggle bolt including a threaded portion and an unthreaded portion, the said unthreaded portion having a transversely positioned opening formed therein and an adjacently formed slot and a toggle member positioned in the said transverse opening, and slot and spring means for urging the said toggle member out of the said slot and partially through the said transverse opening.

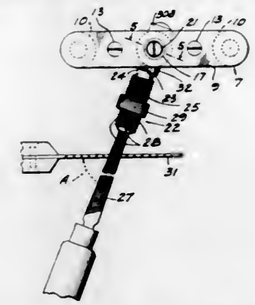
2,448,701
VEHICLE STEERING MECHANISM
Walter Henry Briggs, Birmingham, England, assignor to Burman & Sons Limited, Birmingham, England
Application October 8, 1946, Serial No. 701,868
In Great Britain November 6, 1945
2 Claims. (Cl. 74—500)



1. A vehicle steering mechanism of the kind specified, having in combination a helically grooved cylindrical member, a rock shaft arranged at right angles to said member, a lever on said rock shaft, a single ball engaging the groove in said member, a ring of balls carried by said lever and supporting said single ball, a fixed member, and a relatively adjustable cam-shaped track and abutment arranged between said lever and fixed member so as to cause said lever to hold said single ball in constant uniform contact with said groove.

2,448,702
COMBINED HANDLE MEANS AND FILE GUIDE FOR SAW FILES
Frederick C. Brothers, Los Angeles, Calif.
Application June 2, 1947, Serial No. 751,857
3 Claims. (Cl. 76—36)

2. In a file holder of the class described, an elongated handle forming member attachable to the outer end of a file preparatory to filing a saw therewith, a turnably adjustable cylindrical housing member carried by the midlength portion of said handle forming member and frictionally maintained thereby in its adjusted position, said housing member having through its midlength portion a diametrical bore, a sleeve turnably adjustable in said bore, said sleeve having an arcuate circumferentially extending slot, a clamping screw extending axially into the end of said housing member, the inner end of said screw being positioned in said slot to limit the range of adjustment of said sleeve, a chuck having an open end for the insertion of an end of a file thereinto, the opposite end of said chuck projecting into said sleeve with a working fit, a pin projecting radially from said chuck in a spaced rela-



tion to its end, the aforesaid sleeve being provided with notches in its end portions, the individual notches in one end of said sleeve being diametrically opposite to corresponding individual notches in the opposite end thereof, said pin when seated in a given notch at one side of the aforesaid handle member, correctly positioning a file for filing one side of each of a series of saw teeth and when engaging the diametrically opposite notch in the opposite end of the sleeve automatically positioning the file for filing the opposite sides of each of said series of saw teeth.

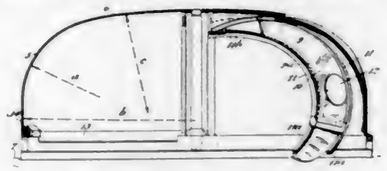
2,448,703
COPOLYMERS OF HALO ALLYL ESTERS OF CARBOXYLIC ACIDS
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application May 16, 1941, Serial No. 393,777
1 Claim. (Cl. 260—93)

A copolymer comprising 2-chloroallyl propionate interpolymerized with butadiene-1,3, each monomer being present in the ratio of about 20% to 80% of the total reacted monomers.

2,448,704
GUN TURRET FOR AIRCRAFT
Evelyn Cecil Muschamp d'Assis-Fonseca, Bristol, England, assignor to The Bristol Aeroplane Company Limited, Bristol, England, a British company
Application October 28, 1944, Serial No. 560,825
In Great Britain October 4, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires October 4, 1963
4 Claims. (Cl. 89—36)

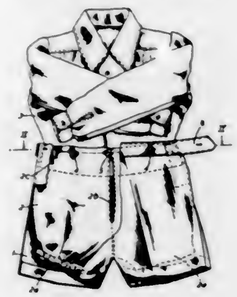
1. A gun turret comprising a cupola circular in plan, dish-shaped with a curved side wall of smaller radius than the plan radius and a generally flat top and having a slot in its side wall extending upwardly and part-way over the top of the cupola in a chordwise direction, guide means on the cupola extending along each side of the slot, and a strip of flexible material as an air-shield to close the slot and movable along

the guide means, the strip being so shaped that its long edges define helices the radii of which



approximate to the normal distances from a diametral axis to the edges of said slot.

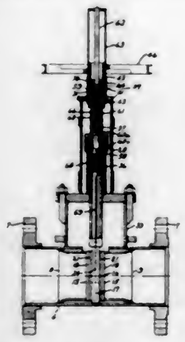
2,448,705
TROUSERS, SHORTS AND THE LIKE
Jessica Dobson, Whickham, England
Application February 25, 1946, Serial No. 649,796
In Great Britain November 10, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires November 10, 1964
2 Claims. (Cl. 2—70)



1. A garment comprising an upper waist portion and a lower body portion connected together adjacent the waist-line, said body portion including an outer member and a lining; said waist portion having buttons disposed around same underlying the upper portions of the outer member and lining; said upper portion of the outer member and lining having button holes registering with the buttons through which the said buttons are secured; said lining having a slit extending upwardly through the upper edge thereof; means for detachably securing the upper ends of the slit together; and button-holed straps at the waist-line of the outer member also engaging said buttons.

2,448,706
VALVE
Samuel H. Edwards, Richmond, Calif.
Application June 6, 1945, Serial No. 597,728
7 Claims. (Cl. 251—65)

1. A valve comprising a valve body having an inlet and an outlet, an inlet valve seat, an outlet valve seat, said seats being opposite each other and having substantially parallel faces, a gate movable between said seats to control the rate of fluid flow from said inlet to said outlet, a threaded stem adapted to be moved between a raised position and a depressed position to raise and lower said gate, said gate including a seating member on each side thereof for engagement with one of said seats, flexible sealing means supporting each seating member on said gate and forming a closed chamber with the seating members, a nut cooperatively positioned with respect to said stem, a hand wheel for rotating said nut to raise and lower said stem, and means for supplying fluid under pressure to said chamber to force said seating members into engagement with



the valve seats, including a cylinder on an end of said valve stem and a piston movable by said nut and hand wheel to force fluid against said seating members to move said members against their respective seats.

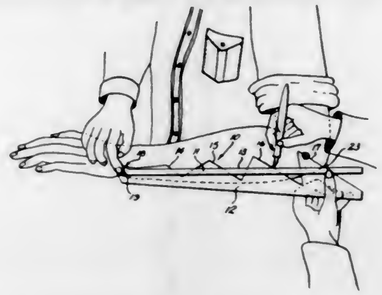
2,448,707
FEED TROUGH
Carl E. Erickson and Frederick L. Zufelt, Northfield, Minn., assignors to Northfield Iron Company, Northfield, Minn., a corporation of Minnesota
Application August 30, 1943, Serial No. 500,468
5 Claims. (Cl. 119—61)



4. A trough construction including a pair of panels arranged in trough formation, a pair of opposed end partition walls secured at the ends of said trough, a rotatable tumbler bar, and eccentric pins projecting from the opposite ends of said bar and supported by said opposed end walls, one of said eccentric pins projecting from said bar in diametrically opposite relation with respect to the axis of the bar to the other of said pins.

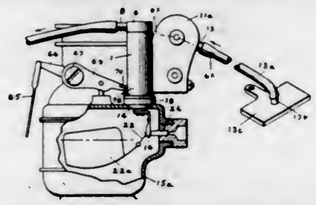
5. A trough comprising a pair of panels arranged in V formation and substantially joining along one longitudinal edge of each panel, partition walls intersecting said panels, said partition walls having slots therein extending from opposed edges thereof toward the vertex of the V formed by said panels, said panels including slots extending from said one longitudinal edge toward the opposite longitudinal edge thereof, said slots in said panels embracing portions of said partition walls and said slots in said partition walls embracing portions of said panels, and strip means supported by said partition walls extending along the free edges of said panels to lock said panels in place.

2,448,708
MEDICAL DIVIDER
Carl G. Geissler, Alameda, Calif.
Application December 5, 1944, Serial No. 566,761
3 Claims. (Cl. 33—192)



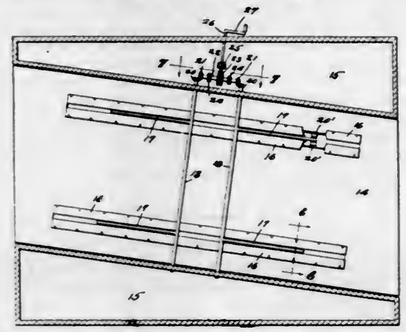
1. A measuring device comprising a pair of relatively movable members, one having a straight edge and the other having a series of tooth-shaped portions presenting spaced parallel edges intersecting said straight edge, said members upon relative movement indicating at the intersections of said straight and parallel edges variably but equally spaced alined points, and means associating said members for relative pivotal movement.

2,448,709
DEVICE TO REGULATE DEPTH OF GASOLINE IN THE FLOAT CHAMBER OF A CARBURETOR
Lewis W. Gilbert, Bradford, Pa., assignor to Frank Keiper, Rochester, and Nora E. B. Gilbert, Seneca Falls, N. Y.
Application October 30, 1943, Serial No. 508,407
19 Claims. (Cl. 123—119)



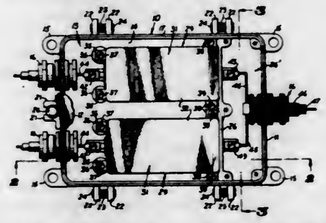
1. In a device to regulate the depth of gasoline in the float chamber of a carburetor, a float and a valve for maintaining the gasoline at a standard level, a regulating device that will depress the float and hold the valve closed until the level of gasoline in the float chamber is sensibly reduced, said regulating device comprising a connection between the intake manifold of the engine and a hot spot that will draw a current of air through the regulating device while the engine is running without depressing the float and will cause the float to be depressed after the air passing through the regulating device has become sufficiently warmed up, a thermostat affected by said warm air, a piston held against movement by said thermostat until the air becomes warm enough to cause it to release the piston, the vacuum of the intake manifold then causing the piston to move and depress the float and hold it in depressed position with the valve closed, means for positively holding the piston in its moved position during fluctuations in the vacuum.

2,448,710
VERTICALLY ADJUSTABLE BOOKKEEPER'S TABLE
William F. Graeske, Clearwater, Fla.
Application February 16, 1945, Serial No. 578,283
1 Claim. (Cl. 311—39)



A table of the class described comprising a table top having a well formed therein, a vertical movable book support operating within the well, tracks extending along the lower surface of the vertically movable book support, said tracks embodying elongated housings, one side of each housing comprising plates having their inner longitudinal edges spaced apart providing a clearance, spaced parallel operating rods extending across the bottom of the well, arms extending laterally from the operating rods, said rods having upturned ends disposed between the longitudinal edges of the plates, rollers mounted on the free ends of the arms, said rollers operating within the elongated housings in contact with the flanges, gears secured to the ends of the rods, a transverse shaft mounted at the ends of the parallel operating rods, gears on the ends of the transverse shaft meshing with the gears on the parallel rods operating the rods and arms as the transverse shaft is operated, a power shaft and gear operating the transverse shaft, and a crank handle formed integral with the power shaft by means of which the power shaft is operated, and the crank handle being disposed beyond the front edge of the table for easy operation.

2,448,711
DUAL FILTER AND CONNECTION SHIELD
Elton C. Hallett, Inglewood, Calif., assignor to Hallett Manufacturing Company, Inglewood, Calif., a corporation of California
Application September 28, 1945, Serial No. 619,236
1 Claim. (Cl. 174—35)



A shielded filter housing comprising a water tight, metallic box having relatively high side walls, a cover for the box having a sealing recess encompassing the tops of the walls, a resilient packing in the recess adapted to engage the tops of the side walls forming a water proof non-

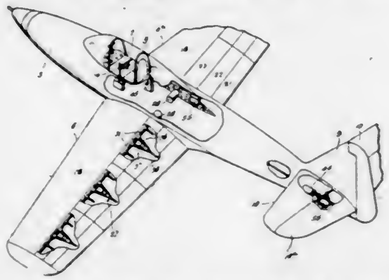
metallic seal, and a metallic connection between portions of the cover and the box, said box having a lateral partition wall in the interior forming a separate compartment for connections, a separate metallic cover for the compartment spaced from the lid, a filter case anchoring bracket secured at one end by a metal to metal contact to the side of the partition remote from the compartment and at the other end to the bottom of the box and adapted to anchor a filter case in the box in erect position with terminals at opposite ends thereof exposed respectively inside and outside the compartment, and water proof terminal connections on the walls communicating with interior of the box respectively inside and outside the compartment for communication with the respective filter terminals.

2,448,712

MEANS FOR CONTROLLING THE OPERATION OF WING AND TAIL-PLANE ELEMENTS OF AN AIRPLANE

William J. Hampshire, Cygnet, Ohio

Application February 26, 1944, Serial No. 524,045
4 Claims. (Cl. 244—44)



1. In an airplane, the combination of a fuselage having oppositely extending wing panels, each of said panels being provided with a plurality of trailing divisions, each composed of a plurality of hinged sections movable to vary the lift of said panels, means associated with each panel to simultaneously move the hinged sections of its divisions with a differential movement between the sections of each division and between those of the outboard and inboard divisions, a reversible motor for operating each of said last-named means, dynamic pressure controlled reversing switch means responsive to predetermined variations in the speed of the airplane to automatically place said motors in operation in the proper direction and speed according to increase or decrease of said speed, and further switch means operatively connected with a movable section of each wing panel to automatically render said motors inoperative when the movable wing sections have been moved predetermined distances for varying the lift of the wing panels in accordance with the variations in speed.

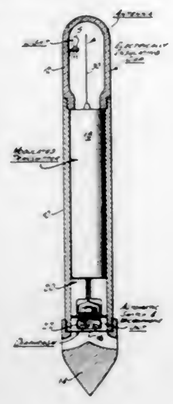
2,448,713

RADIO LISTENING BUOY

Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application December 2, 1944, Serial No. 566,321
15 Claims. (Cl. 177—386)

1. In signalling apparatus, a buoyant container adapted to be free floated in fluid during operation, a portion of said container being resilient and capable of movement under pressure, wave energy generating apparatus and transmitting apparatus coupled thereto, said generating apparatus and transmitting apparatus being located within said container, said apparatus including a circuit having at least one contact to be closed, a contact closing member linked to said resilient



portion of said container and positioned to close said contact when the container is placed in fluid which applies pressure to said resilient portion and a pressure responsive modulator including said resilient portion connected to aforesaid apparatus for modulating the generated wave energy.

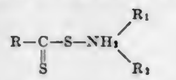
2,448,714

DITHIO ACID DERIVATIVES

Albert F. Hardman, Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware

No Drawing. Application January 5, 1944, Serial No. 517,108
4 Claims. (Cl. 260—345)

1. As a new composition of matter, a compound conforming to the structural formula



in which R is furyl, R_1 is selected from the group consisting of aliphatic and aromatic radicals and R_2 is selected from the group consisting of aliphatic radicals and hydrogen.

2,448,715

CONDENSATION PRODUCTS OBTAINED FROM ANACARDIC MATERIALS

Mortimer T. Harvey, South Orange, N. J., assignor to The Harvel Corporation, a corporation of New Jersey

No Drawing. Application August 25, 1945, Serial No. 612,714
4 Claims. (Cl. 260—473)

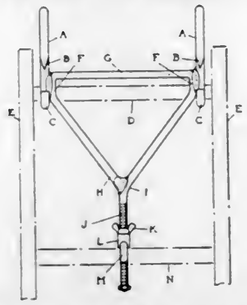
1. An oily organic condensation reaction product obtained by reacting under alkaline conditions an anacardic material selected from the group consisting of cashew nut shell liquid and distillates of cashew nut shell liquid, said distillates having a boiling point of about 225° C. at 10 mm. of mercury pressure with a hydrocarbon polychloride having at least one alkyl group, having at least one of its chlorine atoms on a terminal alkyl group and having at least two carbon atoms.

2,448,716

HOOK ATTACHMENT FOR LADDERS

George K. Hurd, Toronto, Ontario, Canada

Application December 9, 1944, Serial No. 567,377
3 Claims. (Cl. 228—51)



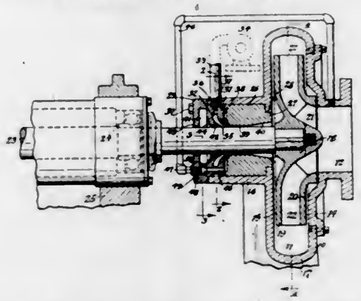
1. A hook attachment for ladders, comprising a pair of curved roof engaging hooks formed of bar stock extending downwardly to overlie the upper... ng on the outward side and curved inwardly and upwardly to embrace the adjacent rung, a bar steel frame formed of a rigid triangular loop having a central stem extending rigidly from one corner and having the other corners bent into straight parallel relation and welded to said hooks and supporting them in parallel relation, and a rung hook adjustably mounted on the central stem of said frame.

2,448,717

SEALING MEANS FOR PUMPING APPARATUS

Howard W. Jeffcock, Baldwinsville, N. Y., assignor to Morris Machine Works, Baldwinsville, N. Y., a corporation of New York

Application May 1, 1945, Serial No. 591,343
8 Claims. (Cl. 103—113)



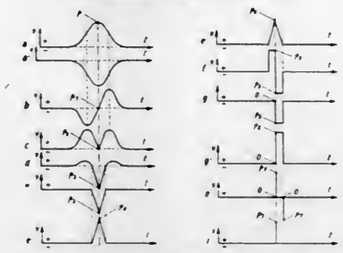
1. A sealing means for a pumping apparatus comprising a casing having a fluid inlet, a fluid outlet and a hub in a wall thereof, a rotatable impeller arranged in the casing and a shaft for driving the impeller extending through the hub; said sealing means including an inwardly tapering conical nozzle surrounding said shaft and operating to change the fluid from a relatively high pressure and low speed to a low pressure and high speed, and an inwardly flaring conical diffusion chamber which surrounds said shaft and has its small outer end communicating with the small inner end of said nozzle and its large inner end communicating with said casing and operates to change the fluid from a low pressure and high speed to a low speed and high pressure upon entering said casing.

2,448,718

METHOD OF AND DEVICE FOR P...CING PULSES AT THE MAXIMUM GR...IMUM OF AN ELECTRIC IMPULSE

Maurice Koulicovitch, Geneva, Switzerland, assignor to Societe Genevoise D'Instruments De Physique, Geneva, Switzerland

Application December 21, 1943, Serial No. 515,178
In Switzerland January 14, 1943
3 Claims. (Cl. 178—44)



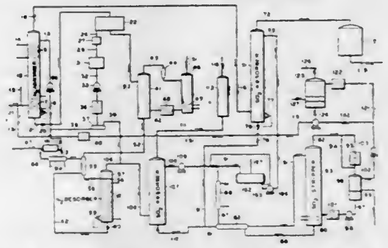
1. The method of transforming an electric impulse whose tension progressively reaches to a maximum or minimum then progressively recedes from this value, into an impulse whose tension passes abruptly from zero to a definite value, which consists in transforming the initial impulse into an intermediate impulse whose voltage curve presents a cusp coinciding with the maximum or minimum value of the original impulse, the derivative of the curve at this cusp having two values, at least one of which is distinct from zero, and in further transforming the said intermediate impulse into an instantaneous impulse taking place at the very same instant as the initial impulse passes through its maximum or minimum.

2,448,719

METHOD FOR REMOVING NONCOMBUSTIBLES FROM FUEL GAS

John W. Latchum, Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware

Application December 18, 1944, Serial No. 568,766
17 Claims. (Cl. 23—3)



11. A continuous process for upgrading the heating value of a natural gas containing noncombustible nitrogen gas comprising the steps of contacting said natural gas with liquid sulfur dioxide at superatmospheric pressure and at substantially atmospheric temperature whereby the nitrogen passes into the liquid sulfur dioxide and some sulfur dioxide vaporizes into the natural gas, separating the liquid sulfur dioxide from the natural gas containing vaporous sulfur dioxide, separating the nitrogen from the liquid sulfur dioxide at a subatmospheric temperature, and removing the nitrogen as a secondary product of the process, and recycling the latter sulfur dioxide

into the original contacting step at substantially atmospheric temperature and at superatmospheric pressure; contacting the so treated natural gas containing sulfur dioxide vapors with diethylene triamine at essentially atmospheric temperature and at superatmospheric pressure wherein the sulfur dioxide vapors become absorbed in the diethylene triamine, separating the finally contacted natural gas from the amine and removing said gas as the natural gas of upgraded heating value and primary product of the process: treating the latter amine at a superatmospheric temperature for removal of absorbed sulfur dioxide, separating said sulfur dioxide from the amine and recycling the amine into first said diethylene triamine at essentially atmospheric temperature and at superatmospheric pressure, and recycling said latter separated sulfur dioxide into the original contacting step at essentially atmospheric temperature and at superatmospheric pressure.

2,448,720

NOVEL GREASES

Francis J. Licata, West Caldwell, N. J., assignor to Nopco Chemical Company, Harrison, N. J., a corporation of New Jersey

No Drawing. Original application August 14, 1942, Serial No. 454,825, now Patent No. 2,431,760, dated December 2, 1947. Divided and this application March 14, 1946, Serial No. 654,529

5 Claims. (Cl. 252—36)

1. A lubricating grease comprising mineral oil, 2% to 20% of an aluminum soap of a saturated higher fatty acid and 0.1% to 5.0% of a barium soap of a higher fatty acid, the quantity of the barium soap being only a fraction of that of the aluminum soap.

2,448,721

ALUMINUM SOAP GREASES

Francis J. Licata, West Caldwell, N. J., assignor to Nopco Chemical Company, Harrison, N. J., a corporation of New Jersey

No Drawing. Original application August 14, 1942, Serial No. 454,825, now Patent No. 2,431,760, dated December 2, 1947. Divided and this application March 14, 1946, Serial No. 654,530

9 Claims. (Cl. 252—35)

1. A lubricating grease comprising mineral oil, 2% to 20% of an aluminum soap of a saturated higher fatty acid and 0.1% to 5.0% of a heavy metal soap selected from the group consisting of iron, cobalt, nickel, zinc and copper soaps of higher fatty acids, the quantity of heavy metal soap being only a fraction of that of the aluminum soap.

2,448,722

5-BENZIMIDAZOL DERIVATIVES OF BARBITURIC ACID

Gustav J. Martin, Philadelphia, and Souren Avakian, Oreland, Pa., assignors to The National Drug Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application April 4, 1946, Serial No. 659,666

4 Claims. (Cl. 260—257)

3. Disubstituted barbituric acids wherein the substituents are in the 5-position, and wherein one of said substituents is a member selected from the class consisting of alkyl and alkenyl groups and the other is a member selected from the class consisting of 2-benzimidazole, 2-alkyl-benzimidazole, and 2-alkenyl-benzimidazole groups.

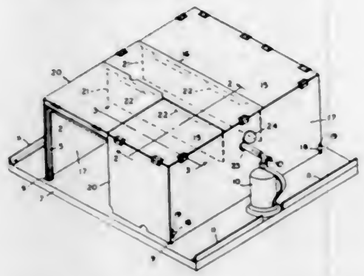
2,448,723

OVEN FOR HEATING ASPHALT TILE AND THE LIKE

Michael Mayer, Cleveland, Ohio

Application July 7, 1945, Serial No. 603,667

4 Claims. (Cl. 263—19)



1. A heating oven comprising a rectangular frame, legs at the respective corners of said frame for supporting the same, plates attached to said frame forming top, side and end walls, and two plates depending from said frame intermediate of the ends thereof and defining a space for the reception of highly heated gases, said intermediate plates being formed with cutaway portions in their upper edges.

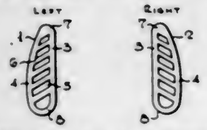
2,448,724

NASAL FILTER

Clarence L. McGovney, Elizabeth, N. J.

Application April 2, 1946, Serial No. 659,068

8 Claims. (Cl. 128—148)



2. Nasal filter made of moulded flexible elastic oil-insoluble synthetic rubber composition, having a wall thickness of about $\frac{1}{32}$ inch to $\frac{1}{16}$ inch, a substantially uniform side wall height of about $\frac{1}{8}$ inch to $\frac{3}{8}$ inch, a horizontal section substantially corresponding to the interior contour of the human nostril, the bottom of said filter being open, and the top having a number of cross-hatch openings amounting to at least about 40% of the top area of said filter, and said cross-hatch openings being positioned at an angle of about 20 to 60° from the crosswise axis of the filter, whereby a resiliency is imparted to the entire filter, both in a crosswise direction and in a longitudinal direction.

2,448,725

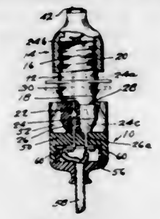
ELECTRICAL SOCKET AND ADAPTER

Arthur Morris, Los Angeles, Calif.

Application November 20, 1945, Serial No. 629,865

2 Claims. (Cl. 173—343)

1. In an electrical connector comprising an adapter and a socket, in combination, a shoulder on said adapter, repressible means in said socket, said last mentioned means being adapted to engage and rest upon said shoulder when said adapter and socket are in union, a cam, said cam being finger actuated and slidably positioned on said adapter and being adapted to engage and repress said repressible means whereby said adapter and socket may be disengaged, and means in said adapter and socket to conduct electrical energy therethrough upon connection with an exterior power source.



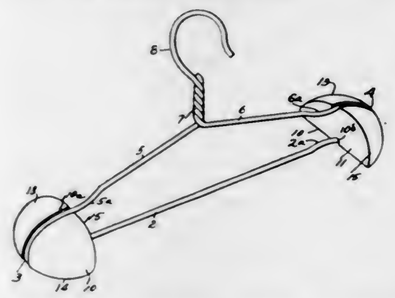
2,448,726

SHOULDER PAD FILLER GARMENT HANGER

Clifford H. Nelson, Tujunga, Calif.

Application March 5, 1946, Serial No. 652,061

4 Claims. (Cl. 223—88)



1. A shoulder garment hanger including a frame having shoulder end bows of resilient material, and shoulder-shape, substantially quadripartite spherical sector fillers which are clinched with their convex surfaces uppermost and outermost in respective, opposite end bows of the frame.

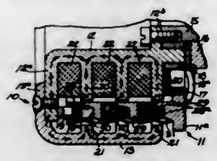
2,448,727

SOLENOID WITH ARMATURE

John George Oetzel, Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, Beloit, Wis., a corporation of Illinois

Application March 27, 1944, Serial No. 528,194

17 Claims. (Cl. 175—337)



12. In an electric solenoid, the combination of a magnetizable core providing an annular outwardly facing pole, an armature ring encircling said pole and urged axially by flux threading the two, and a nonmagnetic ring fixed to said core and guiding said armature for axial sliding movement.

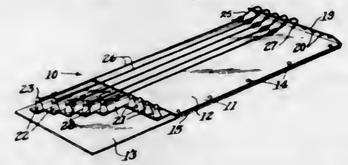
2,448,728

FISHHOOK HOLDER

Arthur S, Omohundro, Temple City, Calif.

Application June 15, 1946, Serial No. 676,924

5 Claims. (Cl. 43—32)



1. A fish hook holder comprising a pair of plates secured together in spaced relationship; means secured at one end of said plates to receive the pointed ends of fish hooks; a plurality of elongated relatively narrow sliders disposed for longitudinal movement between said plates, said sliders being slightly bowed to provide friction to maintain the adjusted positions thereof; and means on said sliders for receiving the looped ends of snells secured at their opposite ends to said fish hooks.

2,448,729

METHOD OF PROCESSING RICE BRAN AND RICE POLISH

Ataullah K. Ozai-Durrani, Stuttgart, Ark.

No Drawing. Application September 11, 1943, Serial No. 501,971

5 Claims. (Cl. 99—80)

1. The method of treating material consisting of at least one of the products rice bran and rice polish to effect the removal therefrom of the vegetable oil content thereof, which comprises mixing therewith an amount of water at least sufficient to solubilize at least a part of the natural sugar, starch and gluten content to form a binder, agglomerating the moistened material into larger sized aggregates, drying the said aggregates at a maximum temperature of about 140° F. to avoid decomposition of the vitamin and food values contained therein and in an inert atmosphere substantially free of oxidizing gases, and subjecting the dried aggregates to the oil extractive action of a fluid vegetable oil solvent under reduced pressure and at a maximum temperature of about 140° F.

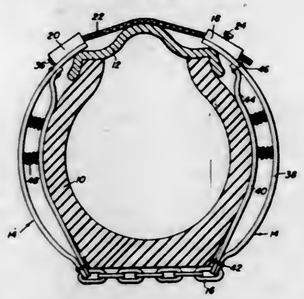
2,448,730

SKIDLESS STEEL GRIP FOR AUTO TIRES

Louis Paraskevas, Washington, D. C.

Application October 29, 1947, Serial No. 782,726

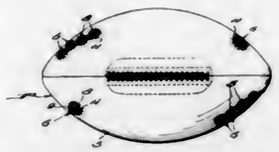
7 Claims. (Cl. 152—237)



1. An emergency tire chain comprising a tire non-skid tread member, side members joined to

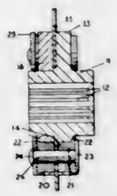
each end of said tread member, fastening members secured to the upper ends of each of said side members, a cable connected to one of said fastening members and detachably secured to the other fastening member, said fastening members comprising sleeves, said cable having one end secured in one of said sleeves, a spring connected to said cable and to said sleeve in the interior thereof, the other end of said cable being slidably received in the other sleeve and a clamping means carried by said other sleeve for retaining said cable therein.

2,448,731
GRIPPING MEANS FOR GAME BALLS
Arthur Park, Wheaton, Ill.
Application October 14, 1946, Serial No. 703,151
6 Claims. (Cl. 273—60)



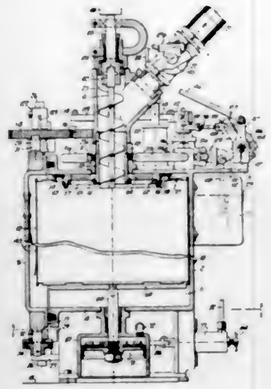
1. In combination with a game ball including a shaped leather casing provided with an opening of a size substantially corresponding to the area of a finger or thumb tip, a gripping element comprising a resilient disc having its margin secured to the inner surface of said casing in surrounding relation to said opening, said disc having a substantially central raised portion fitting and protruding outwardly through said opening and having a roughened outer surface.

2,448,732
FLEXIBLE DRIVE COUPLING
Arthur Henry Pattison, Coventry, England, assignor to Arthur Pattison Limited, Coventry, England
Application December 17, 1946, Serial No. 716,858
In Great Britain March 22, 1946
5 Claims. (Cl. 64—27)



1. A flexible drive coupling between a hub and an annular plate-like member, including a radial flange fast with the hub, a ring which is slidingly mounted on the hub but held against rotation with respect thereto, the plate-like member being interposed between the ring and the flange, the ring and flange each having a circle of axially-extending holes which are aligned with one another, a set of compressed rubber bushes in each circle of holes, and pins extending through the bushes and carried by the member, the pins serving to axially compress the bushes against the member.

2,448,733
POWDER FILLING APPARATUS
David D. Peebles, Hillsborough, and Guy P. Hensley, San Francisco, Calif., assignors to Golden State Company, Ltd., San Francisco, Calif., a corporation of Delaware
Application September 20, 1943, Serial No. 503,082
10 Claims. (Cl. 249—62)

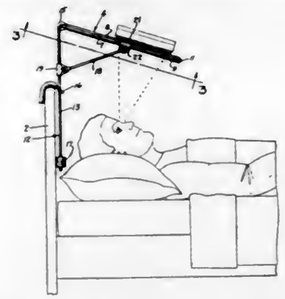


2. In apparatus for filling containers with powder, a chamber adapted to receive a container to be filled, the chamber including a door for permitting removal or introduction of the container, means serving to mount the door for swinging movement between open and closed positions, means serving to connect the interior of the chamber to a source of vacuum, valve means for controlling said last named means, means operated by the swinging of the door to closed position to effect opening of said valve means, a filling pipe communicating with the chamber and adapted to deliver a stream of powder to the container, valve means serving to control flow of powder through the filling pipe, means responsive to a predetermined degree of vacuum within the chamber for effecting opening of said last named valve means, and means responsive to introduction of a predetermined amount of powder into the container for effecting closure of the valve means for the filling pipe, for effecting closing of the valve means controlling communication with the source of vacuum, and for venting gas into the chamber to reduce the pressure therein to substantially atmospheric.

2,448,734
BOOKHOLDER FOR BEDSTEADS
Raymond L. Phillips, Minneapolis, Minn.
Application May 25, 1944, Serial No. 537,240
3 Claims. (Cl. 45—82)

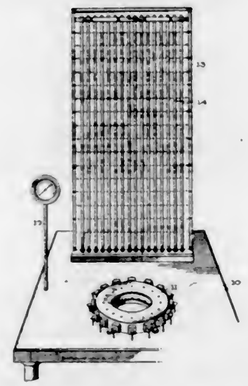
1. In a device of the class described, a U-shaped support having means for securing it to a bedstead whereby it may be vertically adjusted thereon, an open frame pivotally mounted on said support and having front, rear, and opposed side frame members and a centrally disposed frame member, said centrally disposed frame member having its ends secured respectively to the front and rear frame members, rods slidably mounted on said front and rear frame members and movable thereon towards or away from said central

frame member and cooperating therewith to support a book, said centrally disposed frame mem-



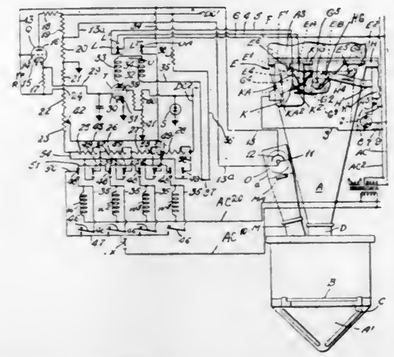
ber and said rods being located respectively above and below the median plane of said frame.

2,448,735
APPARATUS FOR MEASURING FORCE EXERTED BY A RESILIENT ANNULUS
Reginald J. S. Pigott, Pittsburgh, and Paul G. Exline, Penn Township, Allegheny County, Pa., assignors to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
Application May 28, 1945, Serial No. 596,260
12 Claims. (Cl. 73—120)



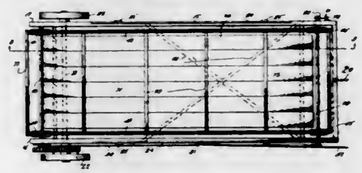
2. An apparatus for measuring the force exerted by a piston ring upon the walls of a cylinder comprising a test cylinder having a plurality of holes circumferentially arranged in the cylinder, plungers protruding through the holes and adapted to compress a piston ring placed in the cylinder adjacent said plungers, and a plurality of force measuring units adapted to operate said plungers each such unit comprising a body attached to said test cylinder having therein a fixed orifice and a variable orifice, a disk valve adapted to control said variable orifice and operate the respective plunger associated therewith, a source of fluid under pressure adapted to pass through said fixed orifice and operate said disk valve and consequently its respective plunger and means for indicating the resistance of said disk valve to the passage of said fluid.

2,448,736
PHOTOGRAPHIC SHUTTER OPERATING AND CONTROL MECHANISM
Jacob Rabinowitz, Brooklyn, N. Y., assignor to Pavelle Color Incorporated, New York, N. Y., a corporation of Delaware
Application November 16, 1946, Serial No. 710,251
6 Claims. (Cl. 95—53)



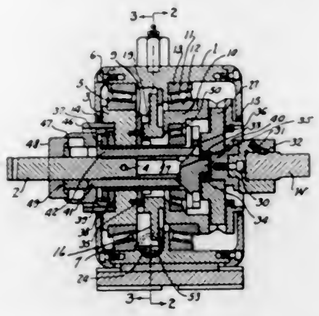
5. The combination with a photographic shutter, of mechanism for moving said shutter back and forth between open and closed position comprising the winding and armature of an electromagnet and a mechanical connection between said armature and shutter through which movement of said armature from a first position into a second position and thence back into its first position moves the shutter from either of its open and closed positions into the other of said positions, switch controlled electric circuit means for energizing said winding to move said armature from its first position into its second position, and bias means for moving said armature from its second position into its first position.

2,448,737
COMBINE HARVESTER AND STRAW BUNCHER
William F. Reisenweber, Newark, S. Dak.
Application October 18, 1945, Serial No. 622,974
3 Claims. (Cl. 214—83.36)



1. In a device of the class described, a gear wheel arranged to rotate with a traction wheel, a second gear wheel spaced away from and behind said rotating gear wheel, said second gear wheel being rigidly arranged on an end of a rotatable and rockable shaft, a means to rock said shaft to cause meshing action of said second gear wheel with said rotating gear wheel, said shaft having an endless conveyor trained thereover whereby rotation of said second gear wheel will move said conveyor, and a second shaft over which the conveyor is trained and connected to said means whereby complementary ends of the shafts will be rocked in unison.

2,448,738
CHUCK OR WORK HOLDER
Bernard O. Richard, Hillsdale, Mich., assignor to Allied Products Corporation, Detroit, Mich., a corporation of Michigan
Application July 9, 1945, Serial No. 603,757
12 Claims. (Cl. 82—40)



1. In a chuck or work holder for holding work for machining or grinding non-circular shapes, the combination of a stationary housing, a driving head and a driven head mounted to rotate in said housing, a work holding slide arranged to travel back and forth diametrically and periodically in said driven head, a second slide mounted in the driven head and arranged to slide back and forth diametrically in said head to alternately lock the driven head to the stationary housing and then to the driving head and means for causing such alternate sliding movements of said second slide to effect these purposes.

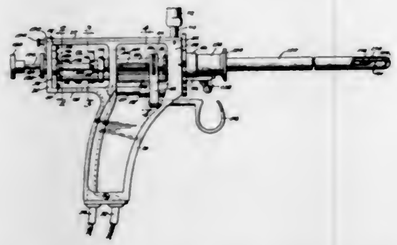
2,448,739
BROMINATION OF UNSATURATED ORGANIC COMPOUNDS
John Ross, Ramsey, N. J., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware
No Drawing. Application April 15, 1942, Serial No. 439,085
9 Claims. (Cl. 260—660)

1. In the process of adding bromine to an unsaturated organic compound, the improvement which comprises intimately contacting said compound with bromine while at least one of said compound and said bromine is dissolved in liquid sulphur dioxide, the liquid sulphur dioxide being maintained during the addition reaction at a temperature at least as high as —40° C. but below the critical temperature of sulphur dioxide.

2,448,740
PROCESS FOR PREPARING STABLE COLLOIDAL SOLUTIONS OF METAL SULFIDES
Fernand Frederic Schwartz, Santiago, Chile
No Drawing. Application October 15, 1945, Serial No. 622,490
8 Claims. (Cl. 252—313)

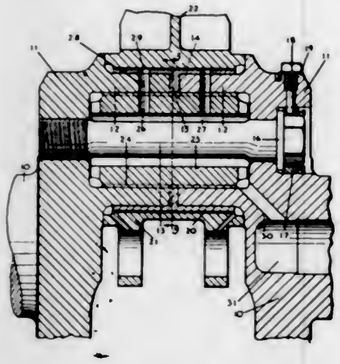
1. A process for the production of a stable colloidal solution of a metal sulfide, which comprises decomposing a member selected from the group consisting of the ammonium thio-salts of As, Mo, Sb, Sn, Pt and Au, by reacting the same in aqueous solution with a member selected from the group consisting of water-soluble aldehydes and water-soluble ketones.

2,448,741
ENDOSCOPIC SURGICAL INSTRUMENT
William W. Scott and August Lutz, Chicago, Ill., assignors to American Cystoscope Makers, Inc., a corporation of New York
Application April 25, 1945, Serial No. 590,208
8 Claims. (Cl. 128—303.15)



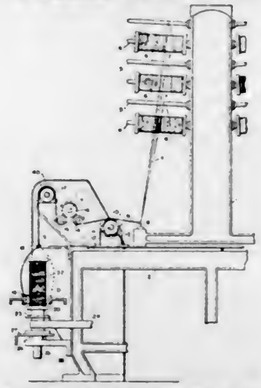
5. A surgical instrument comprising a grip member, an instrument carrier rotatably and reciprocably mounted upon the grip member, a cutting electrode removably secured to the instrument carrier and rotatable and reciprocable therewith, a telescope secured to and rotatable with the instrument carrier, means carried by the grip member for imparting reciprocation to the instrument carrier, and means carried by the grip member for imparting rotation to the instrument carrier with respect to the grip member through 360°.

2,448,742
BUILT-UP CRANKSHAFT
George T. Smith-Clarke and Arthur Francis Varney, Coventry, England, assignors to Alvis Limited, Coventry, England
Application March 20, 1945, Serial No. 583,752
In Great Britain January 13, 1945
5 Claims. (Cl. 74—598)



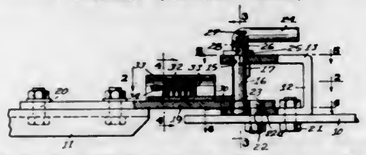
1. A built-up crankshaft, for an internal-combustion engine, comprising coaxial hollow portions of a crankpin, a sleeve having an internal flange, said sleeve mounted on said portions with its flange extending between said portions, said sleeve having an external bearing surface, and a rigid means providing keying connections for said flange and said portions in the interior of said flange and portions.

2,448,743
CORD PROCESSING APPARATUS
Raymond E. Solliday and Herbert E. Riggs, Akron, Ohio, assignors to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
Application May 4, 1946, Serial No. 667,332
8 Claims. (Cl. 57—35)



1. In a thread processing apparatus embodying a plurality of thread supply packages, means joining the several threads, twisting means, and positively driven feeding means for delivering the joined threads to the twisting means at a substantially constant rate, rotatable burnishing means between the feeding means and the twisting means for contact with the joined threads, means actuating the feeding means and the burnishing means and differential drive means associated with the actuating means to afford a rotational speed differential between the feeding means and the burnishing means.

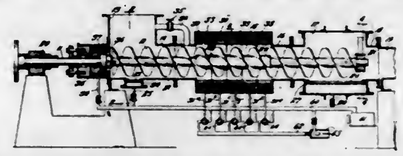
2,448,744
TRACTOR-TRAILER COUPLING DEVICE
Spencer R. Strader, Hanford, Calif.
Application April 26, 1946, Serial No. 665,679
7 Claims. (Cl. 280—33.15)



1. A trailer hitch or coupling comprising a rearwardly directed fixed arm on a tractor vehicle and a forwardly directed arm on a trailer vehicle; a clevis member fixed on one of said arms and having an upper and lower jaw spaced apart, a hitch bolt adapted for entering axially aligned apertures in said jaws, a pivot pin fixed on the lower jaw, said other arm consisting of a drawbar being provided with a suitable opening for simultaneous engagement with said hitch bolt and said pivot pin, the rear edge of said opening being covered on the radius from the axis of said pivot pin and means for taking up slack between said hitch bolt and said arms.

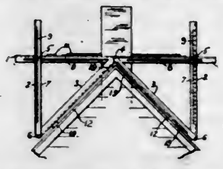
2,448,745
CONVEYING PULVERIZED MATERIAL
Holger Struckmann, Riverside, Calif.
Application November 16, 1943, Serial No. 510,555
4 Claims. (Cl. 302—50)

1. Apparatus for conveying pulverized material, comprising a screw impeller; a casing surrounding the screw impeller and providing a feed hopper at the entrance end of the screw conveyor, a porous cylindrical wall surrounding an intermediate part of the screw impeller and a non-cylindrical portion having a porous floor under the rear portion of the screw impeller; means



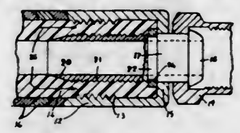
providing a chamber surrounding said cylindrical wall and means for maintaining a partial vacuum in said chamber; and means for providing a chamber under said porous floor and means for maintaining a super-atmospheric pressure in said chamber.

2,448,746
ADJUSTABLE SCAFFOLD
Ray A. Sundeen, Valparaiso, Ind.
Application March 9, 1946, Serial No. 653,366
1 Claim. (Cl. 304—20)



A unitary chimney scaffold made in duplicate halves each half comprising a pair of roof members, duplicate platform members and duplicate vertical platform supports, each member being angular in cross section, the platform supporting members having lengthwise slots and adjacent notches, the platform supporting members having slots formed lengthwise thereof, the roof members at their lower end having spacing tie members attached thereto to join a roof member on one side of the chimney with a duplicate roof member on the other side of the chimney, attachable and detachable diagonal braces from one vertical member of a half unit on one side of the chimney with the vertical members of the other half unit on the other side of the chimney, and means for pivoting the several members to each other with the flat portion of the angles in engagement with each other.

2,448,747
PIPE COUPLING
Frank Edward Swain, Ewell, England, assignor of one-half to Douglas Darby, Northwood, Middlesex, England
Application April 3, 1945, Serial No. 586,384
In Great Britain January 12, 1945
3 Claims. (Cl. 285—84)



1. In combination with the end of a flexible hose, a rigid sleeve screwed thereon, said sleeve having a flange abutting the end of the hose but

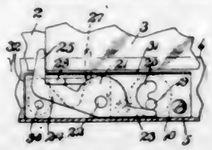
not extending radially inwardly as far as the bore of the hose when uncompressed, a rigid member screwed into the end of the hose, the screw-threads of said sleeve and member being of opposite hands, and a ring the internal periphery of which is shaped to receive the screw-thread on said member, said ring disposed in the end of the hose and interacting between the axially-inner face of said flange and a peripheral groove of said member.

2,448,748

SLIDING DOOR LOCK

Anthony Vanderveld, Grand Rapids, Mich., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich., a corporation of Michigan

Application March 4, 1946, Serial No. 651,682
7 Claims. (Cl. 70—82)



4. The combination with a pair of sliding doors mounted in a guide member of a lock therefor comprising a lever pivoted between its ends, a finger on one end of the lever adapted to engage one door, means acting upon the other end of said lever to move said finger into engagement with said door, a second pivoted lever having a finger movable into engagement with the other door, means coacting between the levers to actuate the second lever by movement of the first lever and spring means acting to move said fingers on said levers out of engagement with said doors.

2,448,749

TREATED PLANOGRAPHIC PRINTING PLATE

Charles H. Van Dusen, Jr., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 24, 1947, Serial No. 724,231
4 Claims. (Cl. 101—149.2)

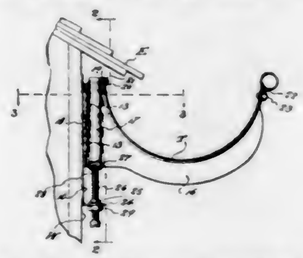
1. A paper planographic printing plate impregnated with 2 amino, 2 methyl, 1,3 propanediol.

2,448,750

ADJUSTABLE EAVES TROUGH SUPPORT

Charles H. Van Wert, Chatham, N. J.

Application December 13, 1945, Serial No. 634,687
2 Claims. (Cl. 248—48.2)



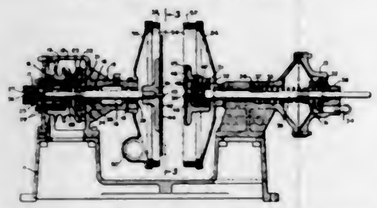
1. An eaves trough hanger comprising a base plate adapted to be affixed to a building wall adjacently beneath the eaves of the building roof, said base plate having a perpendicular slide-way means along its front face, a trough supporting bracket arm having a rigid perpendicular butt section of enlarged cross section and substantial length, integral slide wings laterally extending from the rearward side of said butt section to slidably engage said slideway means of the base plate so as to dispose said butt section closely adjacent to the latter, a bearing member outwardly projecting from said base plate below said slide-way means thereof, said bearing member having an internally screw-threaded way aligned with the axis of said bracket arm butt section, and an adjustable jack screw threaded through said way and adapted to engage the lower end of said butt section, whereby to exert a direct non-canting upward axial thrust upon said butt section and its slidable connection with said base plate.

2,448,751

RECORD EDGING LATHE

Frank G. Volkel, Los Angeles, Calif., assignor to Volkel Bros. Machine Works, Los Angeles, Calif., a corporation of California

Application August 10, 1946, Serial No. 689,675
6 Claims. (Cl. 51—237)



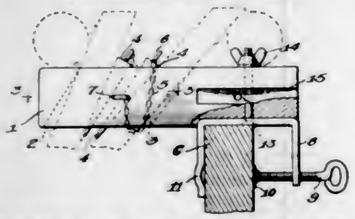
3. In a lathe, axially aligned supporting members, one of which is reciprocable only and the other of which is rotatable and reciprocable; clamping members mounted in confronting relationship on said supporting members and adapted to grasp a work piece when moved thereby to adjacency, that clamping member mounted on said first defined supporting member being rotatable with respect thereto; means for reciprocating said first defined supporting member; means actuatable by said last mentioned means for rotating said second defined supporting member; and a bisected enclosure for said clamping members having one part secured to said first defined supporting member and reciprocable therewith to effect closing and opening of said enclosure.

2,448,752

FISHING ROD HOLDER

Simon P. Wagner, Rockville, Md.

Application July 26, 1945, Serial No. 607,196
3 Claims. (Cl. 248—42)



1. A fishing rod and reel holder including a solid block adapted to be detachably connected to a part of a boat or other support, said block having an inclined opening extending entirely therethrough and oversized with respect to the handle of the rod which is adapted to be inserted and held therein offset with respect to the inclination of the opening, the extent of the insertion of the handle being limited by the reel contact with a face of the block, and supplemental holding means insertable at any point between the oversized opening and handle adapted to vary the angle of the rod with respect to the block.

2,448,753

HEAT-TREATING AND COLD-ROLLING HADFIELD MANGANESE STEEL

Carl W. Weesner, Warren, Ohio, and Wallace B. Leffingwell, Sharon, Elvan R. Babylon, New Wilmington, and Homer L. Schell, Sharon, Pa., assignors to Sharon Steel Corporation, Sharon, Pa., a corporation of Pennsylvania

No Drawing. Application December 16, 1943, Serial No. 514,548
10 Claims. (Cl. 148—12)

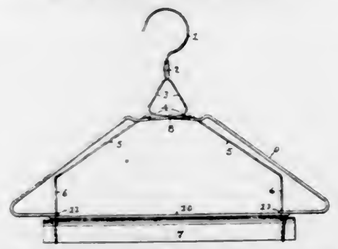
2. The method of making cold rolled Hadfield manganese steel strip, less than 0.109" in thickness, having a fully and uniformly austenitic structure with carbides in solution, and being free of surface decarburization and embrittlement; which comprises, completely austenitizing 0.109" thick hot rolled Hadfield manganese steel strip by heating the strip as it moves continuously through a furnace to a strip temperature of 1900° F. to 2000° F., then before sufficient time has elapsed for the occurrence of surface decarburization quickly water quenching the continuously moving strip immediately as it leaves the furnace to keep the carbides in solution, and then cold rolling the strip down to 0.075" to 0.080" thick strip.

2,448,754

GARMENT HANGER

Emil Weibel, Paterson, N. J.

Application September 25, 1945, Serial No. 618,483
6 Claims. (Cl. 223—91)



1. A garment hanger comprising two stiff upright members of which the first is generally loop-shaped and has the lower portion of its loop extending substantially straight and horizontal, and the second of which members has a substantially straight portion parallel to the straight horizontal portion of the first member, the second member being movable downwardly and upwardly relative to the first member to advance its straight horizontal portion into clamping relation with the straight horizontal portion of the first member and to retract it therefrom, respectively, the first and second members having sliding engagement with each other at a plurality of locations for guiding the second member on the first member during such movement, and selectively operable means at one of said guiding locations for locking the second member to the first member with the straight horizontal portions of such members in confronting clamping position relative to each other.

2,448,755

PROCESS OF PREPARING 1,4-DICYANO BUTENE-2 FROM CORRESPONDING HALOGEN COMPOUNDS

Carl N. Zellner, Elizabeth, N. J., assignor to Tide Water Associated Oil Company, Bayonne, N. J., a corporation of Delaware

No Drawing. Application March 28, 1941, Serial No. 385,692
4 Claims. (Cl. 260—465.8)

1. A method of producing a 1,4 dicyano butene-2 which comprises reacting a 1,4 dihalo butene-2 of the group consisting of 1,4 dichloro butene-2 and 1,4 dibromo butene-2 with a copper cyanide to replace each of the halogen atoms in said dihalo butene-2 with a cyano group, said reaction being conducted under substantially non-aqueous conditions in the presence of a substantially non-aqueous non-polar liquid, said liquid being a solvent for said 1,4 dihalo butene-2 and unreactive with 1,4 dicyano butene-2, copper cyanide and the aforesaid dihalo butene-2.

2,448,756

METHYL SILOXANE ELASTOMERS

Maynard C. Agens, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

No Drawing. Application March 14, 1944, Serial No. 526,473
18 Claims. (Cl. 260—37)

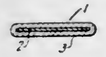
1. A solid, elastic, curable methyl polysiloxane consisting of methyl radicals and silicon and oxygen atoms and containing an average of from 1.98 to 2.0 methyl groups per silicon atom, said solid methyl polysiloxane being the product of condensation of a liquid polymeric dimethylsiloxane containing up to 2 mol per cent copolymerized monomethylsiloxane.

2,448,757

ELECTRICAL RESISTOR

Clarence F. Alban, Pontiac, Mich., assignor to W. M. Chace Company, Detroit, Mich., a corporation of Michigan

Application November 15, 1945, Serial No. 628,706
8 Claims. (Cl. 201—63)

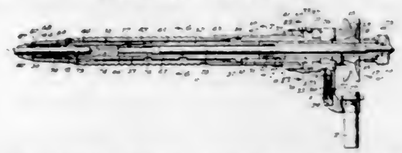


1. An electrical resistor having high strength and high corrosion resistance at high temperatures and a predetermined cross-sectional area and length and a predetermined electrical resistance consisting of a metallic outer layer having high strength and corrosion resistance and an inner layer of a different metallic material wherein the cross sectional areas and resistivities of the inner and outer layers are correlated according to the following formula:

$$\frac{r_2^2}{R}=\frac{(r_2-r_1)(r_2+r_1)}{R_1}+\frac{r_1^2}{R_2}$$

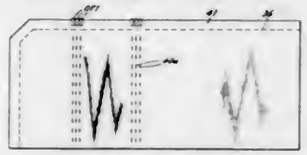
wherein R is the resistivity of the composite resistor, R_1 the resistivity of the alloy comprising the outer layer, R_2 the resistivity of the metal or alloy comprising the core, r_2 the radius of the outside tube, and r_1 the radius of the core.

2,448,758
DENTAL ENGINE HAND PIECE
Robert C. Angell, Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company, a corporation of Pennsylvania
Application September 22, 1944, Serial No. 555,245
7 Claims. (Cl. 32—26)



1. A dental engine handpiece comprising a wrist-joint support, a sheath removably carried by said support, means arranged to yieldingly engage said sheath with said support, a tool actuating spindle having relatively separable complementary sections operatively connected in slip-joint relation to rotate as a unit, and respectively mounted independently in bearings in said sheath and in said support and arranged to be relatively disconnected by the axial withdrawal of said sheath from said support, tool chucking means adjustable to effect clamping and releasing of a tool, and including a chuck rod extended through and beyond said spindle and adjustably engaged therewith, and means exterior to said spindle arranged to actuate said tool chucking means to effect grip or release of said tool.

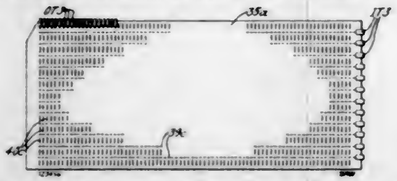
2,448,759
WOVEN SENSING GRIDS FOR PERFORATED RECORDS
John W. Armbruster, East Rockaway, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application February 5, 1944, Serial No. 521,232
6 Claims. (Cl. 235—61.11)



4. A circuit connecting device comprising a pair of sheets of insulation material, a plurality of regularly spaced conducting lines woven in and out in a horizontal direction along the material of one of said sheets, a plurality of regularly spaced conducting lines woven in and out along a vertical direction in another adjacent one of said sheets, said lines of adjacent sheets extending at intervals, whereby contact is selectively made between lines through a perforated record interposed between said sheets to provide contact paths for electrical control impulses.

2,448,760
WOVEN SENSING GRIDS FOR PERFORATED RECORDS
John W. Armbruster, East Rockaway, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 23, 1947, Serial No. 781,576
5 Claims. (Cl. 235—61.11)

5. A flat data sensing device comprising a pair of sheets of insulation material, each of said sheets provided over a data representing area with a woven set of spaced horizontal conducting wires representing data value and a woven set of spaced vertical conducting wires representing ordinal position, said wires having warp and woof portions extending outward from said sheets, said sets of wires of different sheets of said pair of sheets arranged in contiguous relation and selectively contacting at intersecting points where the wires have said portions, with terminals of said sets of wires exposed at the edges of both sheets,



whereby a data sheet with differentially located data representing perforations can be inserted between said pair of sheets and said sets of wires to permit said contacting through said perforations so that data representing impulses can enter into the horizontal set of wires, selectively pass through the data sheet at the contacting points and emerge from the other set of wires of the next insulation sheet, said impulses representing the data of the perforated sheet.

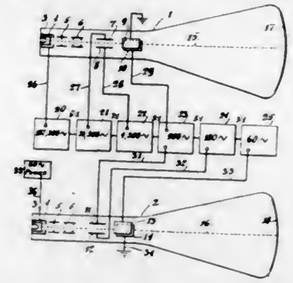
2,448,761
CIRCUIT BEARING ELEMENT
John W. Armbruster, East Rockaway, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 23, 1947, Serial No. 781,577
5 Claims. (Cl. 235—61.12)



4. A flat data representing device comprising a sheet of insulation material, said sheet provided over a data representing area with a woven set of spaced horizontal conducting wires representing data value and a woven set of spaced vertical conducting wires representing ordinal position, said wires having warp and woof portions being either together or separated from each other and said sets arranged in contiguous regulation and contacting electrically at certain predetermined intersecting points where the wires have said portions which are together, with terminals of said sets of wires exposed at the edge of said sheet, whereby data representing impulses can enter into the horizontal set of wires, selectively pass through the contacting points and emerge from the other set of wires, said impulses representing the data of the sheet.

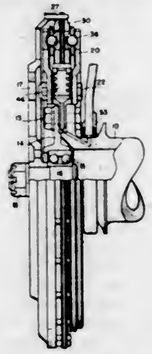
2,448,762
PROCESS AND APPARATUS FOR MONITORING SYNCHRONIZING GENERATORS
Harold Edward Beste, East Rutherford, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application February 13, 1945, Serial No. 577,699
10 Claims. (Cl. 315—9)

1. A device for monitoring a series of connected sawtooth wave generating oscillators the frequency of each one of which is an integral multiple of a preceding one, which comprises a cath-



ode-ray tube and a direct lead from each one of at least three of said oscillator to a different deflection electrode of said tube.

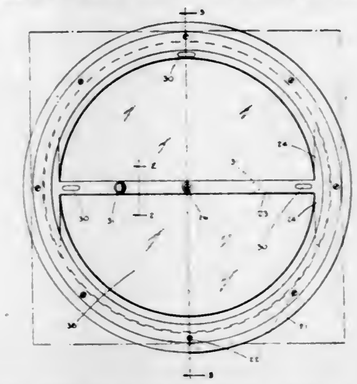
2,448,763
CLUTCH MECHANISM
John J. Bloomfield, Burbank, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application December 14, 1944, Serial No. 568,181
22 Claims. (Cl. 192—44)



1. A clutch mechanism comprising a driving element, a driven element, friction means for transmitting rotation from one element to the other, actuating means energized by angular movement between the elements for operating the friction means, means for holding the actuating means against operation upon overrunning rotation of the driven element with respect to the driving element without interfering with operation of the actuating means produced by rotation of the driving element relative to the driven element, and fluid pressure actuated means operable at the will of the operator for rendering the last named means ineffective so that angular movement of the driven element will energize the actuating means for the transmission of rotation from the driven element to the driving element instead of overrunning the same.

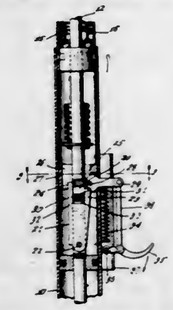
2,448,764
ROUND WINDOW WITH REVOLVING SASH
Gaylord A. Brinson, Mooreland, Ind.
Application February 21, 1945, Serial No. 579,065
3 Claims. (Cl. 20—52)

1. A circular window construction, comprising a circular frame provided with internal circular walls of different diameter, said frame formed of semi-circular sections meeting end to end, a plate fixed to both sections at their point of jointure to hold the sections in assembled circular relationship, a sash confining flange on the outer part of each section, a semi-circular sash fitting in one of said circular walls inwardly of said sash confining flange, a circular stationary sash supporting frame element mounted in the frame inwardly of said sash adjacent said sash, a sash confining flange on the stationary sash supporting frame, the rim of said sash being rabbeted to receive the sash confining flange of the stationary sash supporting frame, a semi-circular sash having a rabbeted inner rim fitting in said sta-



tionary sash supporting frame inwardly of the sash confining flange thereon, means for pivotally connecting said semi-circular sashes so that said sashes will swing about a common axis of rotation, a framing rim secured to said frame outwardly of said last mentioned sash to retain said sashes in said frame, the internal diameter of said rim being equal to the internal diameter of said sash retaining flanges, a cross bar on each semi-circular sash, side extensions on each cross bar, said extensions adapted to relieve the weight of said sashes on said pivot means and provide holds for mounting said sashes, and a latching device for holding the sashes in open and closed positions.

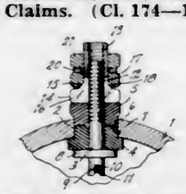
2,448,765
TRIGGER MECHANISM
Leander Browning, Greenwood, Ind.
Original application April 14, 1944, Serial No. 530,975. Divided and this application October 11, 1945, Serial No. 621,768
3 Claims. (Cl. 188—67)



1. Trigger means, comprising a main body, a reciprocable member carried by the main body, a

pivoted latch carried by said reciprocable member and biased laterally thereof, and a trigger comprising a plate pivoted on an axis transverse of the line of movement of the reciprocable member, said plate having an abutment surface engageable by the latch to restrain movement of said reciprocable member in one direction and a finger engaging said latch to swing its free end away from said abutment surface to eliminate said restraint, one edge of said plate projecting laterally beyond the reciprocable member with said edge slidable in a guide groove extending lengthwise of the line of movement of the reciprocable member.

2,448,766
CONNECTOR FOR ELECTRIC CABLES AND THE LIKE
Vincent D. Burke, South Haven, Mich., assignor to Abbott-Becker Distributing & Manufacturing, Kalamazoo, Mich., a partnership
Application March 19, 1947, Serial No. 735,762
5 Claims. (Cl. 174—153)



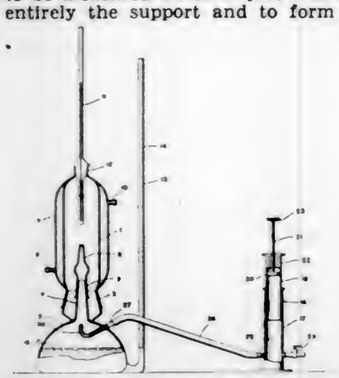
1. A connector for electric cables comprising a threaded post provided with a flange at its inner end adapted to engage insulation arranged on the post, an internally threaded sleeve threaded upon the post and having a head at its inner end adapted to engage insulation and adapted to receive a wrench, the outer end of said sleeve being externally threaded, there being a conical shoulder at the inner end of the threads, said sleeve having a longitudinal slot extending from its inner end through the head and into its threaded portion but terminating substantially short of the outer end of said sleeve, a sleeve clamping nut threaded upon the sleeve to cover said slot and internally beveled to coact with said conical shoulder, and a second nut threaded upon said sleeve and adapted to clamp a cable terminal against said sleeve clamping nut and to constitute a lock nut therefor.

2,448,767
PROCESS OF HYDROXYETHYLATION
Warner W. Carlson, Pittsburgh, Pa., assignor to Mellon Institute of Industrial Research, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application December 5, 1942, Serial No. 467,991
14 Claims. (Cl. 260—284)

1. The method of introducing the hydroxyethyl radical into a substance of the group that consists of the phenols, the mercaptans, amines containing reactive hydrogen, the alcohols, and the carboxylic acids, which consists in reacting such substance with an ethylene ester of a group that consists of ethylene carbonate and ethylene sulfite.

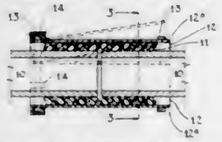
2,448,768
METHOD AND APPARATUS FOR MEASURING SURFACE TENSION
Hans M. Cassel, Plainfield, N. J.
Application March 29, 1945, Serial No. 585,411
10 Claims. (Cl. 73—53)

10. The method of measuring the interfacial tension of a liquid with a fluid bubble by means of a flat support having an aperture which comprises wetting the support with a quantity of the liquid to be measured which is just sufficient to cover entirely the support and to form a flat



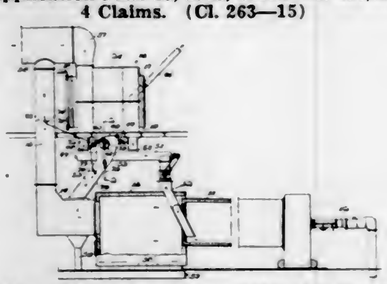
liquid lens, forcing a fluid bubble through the aperture into said lens, and determining the maximum pressure required to drive said bubble through the aperture.

2,448,769
FLUID-COUPLING ASSEMBLY
James M. W. Chamberlain, Fairlawn, Ohio
Application September 7, 1945, Serial No. 614,903
5 Claims. (Cl. 285—193)



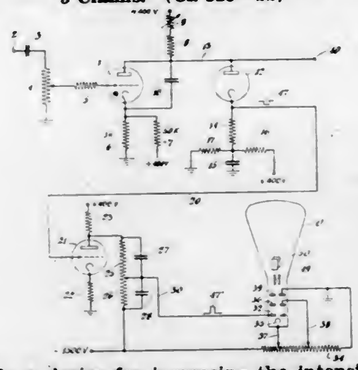
3. A fluid-coupling assembly comprising two pipes presented endwise to each other, a deformable, tubular sealing member mounted upon the adjacent pipe ends and bridging the joint between them, and an external backing for the sealing member, said backing comprising a radially contractible shell structure bridging the said joint and an endless ring surrounding said shell structure and holding it contracted, said ring having articulation to the elements of said shell structure for holding them in orderly relation when they are apart from the other elements of the assembly.

2,448,770
DRIER HEATING SYSTEM
Richard D. Cheesman, Allentown, Pa., assignor to Traylor Engineering & Mfg. Co., Allentown, Pa., a corporation of Delaware
Application June 15, 1943, Serial No. 490,920
4 Claims. (Cl. 263—15)



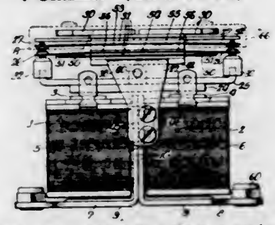
1. In combination, a kiln, means for supplying heat to the kiln, a drier for slurry to be fed to the kiln, a conduit for leading the hot gases from the kiln to the drier, a by-pass conduit, dampers in said conduits respectively, an auxiliary heater with variable output arranged to deliver to said first mentioned conduit, whereby to supplement the heat of said gases, and means for interdependently controlling said heater and dampers.

2,448,771
CATHODE-RAY OSCILLOGRAPH CIRCUIT
Peter S. Christaldi, Upper Montclair, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application September 23, 1943, Serial No. 503,502
3 Claims. (Cl. 315—22)



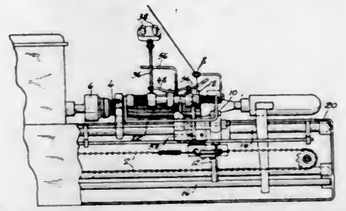
1. In a device for increasing the intensity of the cathode-ray beam in the cathode-ray tube of an oscillograph during the application of a sweep deflection potential to said cathode-ray tube, means for generating a rectangularly shaped pulse of potential during the interval of said sweep potential, said means comprising a sawtooth signal generator, an electron discharge device of which the space current is made to vary between two predetermined values corresponding substantially to the extreme potentials of said sawtooth signal, said electron discharge device being connected to the output of said sawtooth signal generator, a load resistor connected to the output of said discharge device and across which said current generates said rectangularly shaped pulse of potential, and means for coupling said rectangularly shaped pulse of potential to a current-controlling electrode of said cathode-ray tube.

2,448,772
DIFFERENTIAL RELAY
Carl P. Clare and George Weinreich, Chicago, Ill., assignors to Cook Electric Company, Chicago, Ill., a corporation of Illinois
Application November 26, 1943, Serial No. 511,814
7 Claims. (Cl. 200—98)



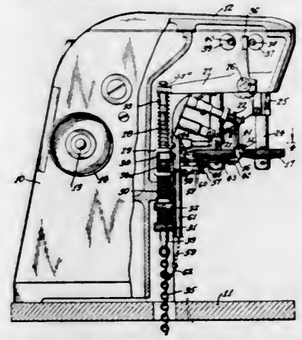
1. In an electromagnetic relay, a pair of spaced magnetic cores each having an energizing winding thereon, a heel piece for each core, said heel pieces being substantially of identical magnetic capacity throughout and having portions lying between said cores and windings and being positioned opposite to one another, and a sub-assembly carried by said heel portions, said sub-assembly including a yoke, and armature and a bracket, said bracket carrying said armature, and a pair of upstanding ears on said bracket for pivotally mounting said bracket and said armature upon said yoke.

2,448,773
BOBBIN MARKING MECHANISM
George Clark, Trenton, N. J.
Application July 2, 1946, Serial No. 681,100
5 Claims. (Cl. 242—1)



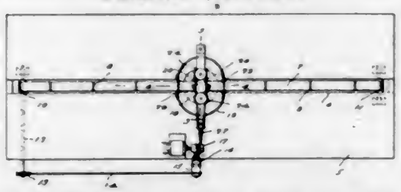
1. A bobbin marking device comprising marking means pivotally mounted adjacent a bobbin to be marked, cam means controlling operation of said marking means, a spring for urging said marking means toward said bobbin, and means actuated by said cam means for tensioning said spring means.

2,448,774
SEWING MACHINE
Martin L. Cook, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application December 28, 1946, Serial No. 719,059
13 Claims. (Cl. 112—18)



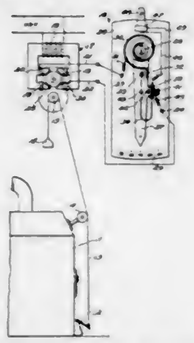
1. In a cup feed sewing machine having a main frame, a pair of feed cups adapted to engage and feed the work, a shaft connected with each of said cups for driving the same, one of said shafts having its axis in fixed relation to said frame and the other of said shafts having its axis shiftable in relation to the frame to separate the feed cups, a puller member arranged to cooperate with one of said feed cups, means carried by said frame for shiftably supporting said puller member, and treadle operated means for shifting the axis of said other of said shafts and concurrently shifting said puller member away from said one of said feed cups.

2,448,775
HONEYCOMB UNCAPPER
Dan S. Crane, Shelbyville, Ill., assignor to Robert Bruce Crane, Shelbyville, Ill.
Application April 29, 1944, Serial No. 533,356
2 Claims. (Cl. 6—12)



1. A honeycomb uncapping device including an elongated rigid table, a channel extending throughout the length thereof, a conveyor belt operating within the channel, said channnel being enlarged centrally, an enclosure encompassing said enlargement, a decapping means within the enclosure comprising a pair of spaced vertically disposed brushes between which said honeycombs may be continually passed on said conveyor.

2,448,776
THERMOSTATIC CONTROL AND SIGNALING DEVICE
George W. Crise, Columbus, Ohio
Application January 19, 1944, Serial No. 518,857
4 Claims. (Cl. 177—311)



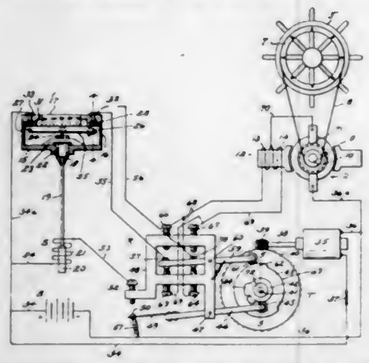
1. Temperature-controlling and indicating apparatus comprising a base, spaced terminals on said base adapted for connection with conductors forming a circuit in which is located an associated electrically operated heater control unit, a bimetallic element on said base electrically connected with the first of said terminals, said element having the free end movable in response to variations in adjacent temperatures, a resilient U-shaped switch member having a stationary arm and a movable arm, an adjustable contact supported in connection with said base and electrically connected with said second terminal, said contact being normally engaged with the movable arm of said switch member to complete said circuit when said movable arm is engaged by the free end of the bimetallic element, an electrically energized signal, a conductor leading from the fixed arm of said switch member to said signal and from the latter to the second of said terminals, whereby extreme deflection of said bimetallic element produces flexure of the movable arm of said switch member to separate the same from said adjustable contact and thereby divert current flow through said signal.

2,448,777
MASSAGING APPARATUS
George W. Crise, Columbus, Ohio
Application January 19, 1944, Serial No. 519,619
4 Claims. (Cl. 128—33)



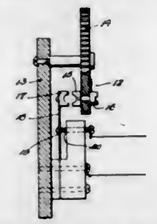
1. Massage apparatus comprising an elongated frame, a horizontal bed provided at the top of said frame composed of a plurality of parallel longitudinally extending relatively flexible slats, means for supporting said slats at their ends in connection with said frame, and means engaging the under sides of said slats for flexing the same longitudinally.

2,448,778
AUTOMATIC BOAT-STEERING MECHANISM
George W. Crise, Columbus, Ohio
Application November 23, 1944, Serial No. 564,828
9 Claims. (Cl. 318—489)



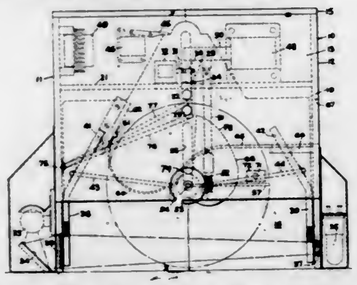
4. Automatic steering mechanism for marine craft comprising a reversible steering control-operating electric motor, the latter being provided with a pair of polarity-changing field coils, a compass switch for governing the controlled excitation of said coils, said switch embodying a casing comprising a base and a contact-carrying member adjustably mounted on said base, a magnetic north-seeking needle pivotally mounted for turning movement in said casing, a stationary contact on said casing member engageable with one end of said needle, a pair of electrically spaced stationary contacts carried by said casing and engageable with the other end of said needle, a movable support for said needle normally maintaining the latter out of engagement with said contacts, a conductor leading from each of said pair of contacts to one of said field coils, a return conductor leading from said motor to a source of electrical energy, a conductor extending from said energy source to the single stationary contact, a solenoid operative when energized to actuate said needle support to advance said needle into circuit-completing engagement with a pair of said contacts with which the needle registered immediately prior to the energizing of the solenoid, an operating circuit for said solenoid including said energy source, a periodically operating switch in said solenoid circuit for intermittently energizing and deenergizing the solenoid, and an intermittently operating reversing switch cooperative with the conductors leading from said compass switch to the field coils of said motor for alternating the excitation of said field coils when said motor circuit is closed by the operation of said magnetic switch.

2,448,779
SWITCH MECHANISM FOR AUTOMATIC STOKERS
George W. Crise, Columbus, Ohio
Application December 8, 1945, Serial No. 633,815
6 Claims. (Cl. 200—19)



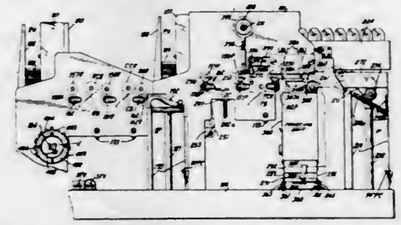
1. In a mechanism of the character described, a time-operated switch comprising a rotatable element driven by chronometric motor means, an adjustable magnet attached to said rotatable element and movable thereon so as to cause a circular displacement of its magnetic field, a second magnet in spaced longitudinal relationship with the circumference of said rotatable element and having a resilient supporting body, and a pair of oppositely disposed contact terminals having an operating circuit, one of said contact terminals being rigidly attached to and movable with the resilient supporting body of the second magnet.

2,448,780
ANIMAL TRAP
Chester W. Crumrine, Irondequoit Township, Monroe County, N. Y., assignor, by mesne assignments, to L F C Corporation, Rochester, N. Y., a corporation of New York
Application August 10, 1943, Serial No. 498,077
13 Claims. (Cl. 43—99)



1. An animal trap comprising a casing having an unobstructed animal passage extending therethrough and an adjacent disposal zone, closure means at opposite ends of said passage and means releasably retaining said closure means in elevated position whereby said closure means are adapted to drop to closed position upon release of said retaining means, depending pivoted sweeps extending longitudinally at opposite sides of said passage and means connecting said sweeps to said closure means whereby dropping of the latter is accompanied by movement of the sweeps toward each other to constrict the transverse area of said passage, and means movable to traverse the constricted passage and move an animal body therefrom to said disposal zone.

2,448,781
RECORD CONTROLLED MACHINE
George F. Daly, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application March 14, 1942, Serial No. 434,773
18 Claims. (Cl. 101—93)



2. In a machine controlled by records having data represented by designations in columns of index-point positions, each column having index-point positions representing a series of digits, one of said positions containing a designation to represent a selected digit; means to sense said designations in a single continuous cycle, means controlled by the sensing means and operative during one half of said cycle to store representations of said digits, a printing member movable between two limiting positions during the other half of the cycle while the sensing device is sensing the remaining index-point positions, and means controlled alternatively by the sensing device or by the storage device for stopping said printing member in a position represented by either a stored designation from the first half or by a designation in the second half of the column.

2,448,782
COMPOSITE STRAND AND FABRIC
Archibald H. Davis, Washington, D. C.
Application May 14, 1945, Serial No. 593,693
4 Claims. (Cl. 57—140)

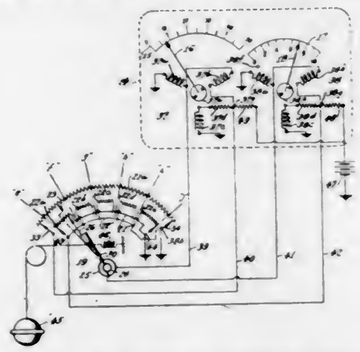


1. A composite textile strand comprising an organic plastic fiber and at least one glass fiber intertwisted therewith in contact with a portion only of the surface of the organic plastic fiber, the relative twist of the glass fiber being greater than that of the organic plastic fiber by an amount sufficient to project the glass fiber to the periphery of the strand.

2,448,783
ELECTRICAL VERNIER TYPE TELEMETRIC INDICATING SYSTEM
Clarence A. de Giers, Forest Hills, and Louis M. Campani, Freeport, N. Y., assignors to The Liquidometer Corporation, Long Island City, N. Y., a corporation of Delaware
Application September 29, 1944, Serial No. 556,330
3 Claims. (Cl. 177—351)

1. Telemetric device comprising an electrically controlled indicating means including a permanently magnetized rotor and a plurality of deflecting coils effective to control the position of

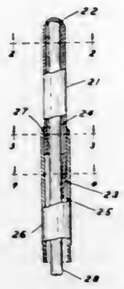
said rotor for coarse indications, said indicating means being calibrated to indicate a range including a plurality of units to be measured, a similar electrically controlled indicating means including a permanently magnetized rotor and a plurality of deflecting coils effective to control the position of said rotor for fine indications, said fine indicating means being calibrated to indicate one unit of the total range of the coarse indicating means on an enlarged scale; controlling means including a resistor electrically connected in a circuit with the deflecting coils of said coarse indicating means and a source of current, a plurality of resistance elements connected in parallel in a circuit with the deflecting coils of said fine indicating means and said source of current, corresponding terminals of each of said resistance elements being at the same potential, said resistance elements being equal in number with the number of units measured by the coarse indicating means, a contact slidably engaging the resistor for changing the effective resistance value thereof, a second contact constructed to slidably



engage successive resistance elements for changing the effective resistance value of the engaged resistance element, said resistance elements all having the same total resistance but being so wound, disposed and arranged as to extend over portions of said controlling means corresponding respectively to predetermined equal ranges of the variable physical magnitude to be indicated independently of the lengths of the respective portions of the path of said second contact subtended by said ranges, so as to provide accurate indications of said magnitude on a uniformly calibrated scale on said indicating means, means adapted to be controlled by a variable physical magnitude to be measured for simultaneously and similarly moving both slider contacts, said contact moving means being arranged and adjusted so as to move the second slider contact over the entire length of one of said resistance elements thereby causing the fine indicating means to move through its total range when and while the first slider contact is moved over a single section of said resistor causing the coarse indicating means to move through one of the units thereof.

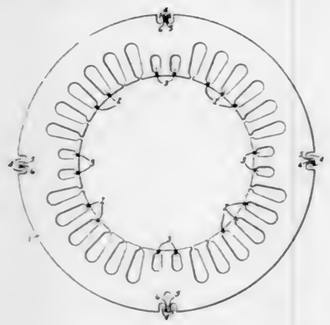
2,448,784
THERMAL-MECHANICAL ELEMENT
Horace Dickinson, South Gate, Calif.
Application April 12, 1947, Serial No. 741,100
7 Claims. (Cl. 297—14)

1. A thermal-mechanical element comprising a metallic tube one end being adapted to form a zone for exposure to temperature changes, a portion of said tube away from said exposure zone being cut to form a longitudinal tongue adapted for attachment to a central rod; a central rod of metal secured at one end to the inside of said tube at the outer end of said exposure zone, said rod



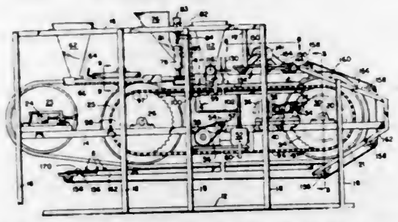
also being attached to said longitudinal tongue; and said tube and said rod having different amounts of linear expansion with changes in temperature.

2,448,785
LAMINATED CORE CONSTRUCTION
Loyd M. Dolan, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application May 3, 1945, Serial No. 591,692
8 Claims. (Cl. 171—252)



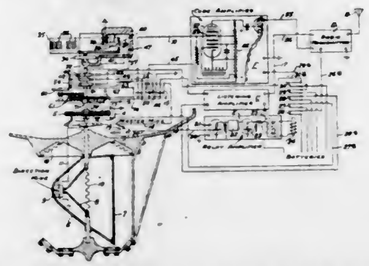
6. An electrical device core including an assembly of a plurality of laminations of magnetic material with a plurality of sets of relatively deep winding slots and a plurality of sets of relatively shallow winding slots formed in the inner edge of said core, said shallow winding slots being arranged intermediate adjacent sets of said relatively deep slots and providing a relatively wider core section between the base of said shallow winding slots and the outer periphery of said core than said relatively deep slots, pairs of closely spaced shallow notches in the edge of each of said core laminations opposite said sets of relatively shallow winding slots forming relatively narrow short teeth extending longitudinally of the outer peripheral surface of said assembled core laminations, the outer edge of said tooth being below the outer periphery of said core laminations, and shallow welds of the outer edges of said laminations along the outer end of said teeth for securing together said laminations in assembled relationship.

2,448,786
CONFECTIONERY FORMING MECHANISM
Charles E. Faxon, Republic, Wash.
Application June 8, 1946, Serial No. 675,488
6 Claims. (Cl. 107—8)



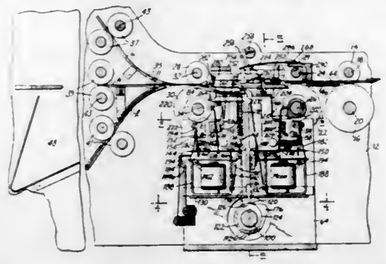
1. A machine for forming confections, comprising: a frame; supported in said frame for rotation about a horizontal axis, a pair of wheels spaced apart from each other; an endless belt enclosing said wheels, said belt having on its exterior face a series of bottom-vented cup-like depressions; a resilient membrane enclosing said belt; means for causing said belt and membrane to travel about the path defined by said wheels; means forming a vacuum chamber beneath the upper flight of said belt; means for evacuating said chamber; means above said belt and said vacuum chamber for depositing confection material in cups formed in the membrane by the action of negative pressure through the bottom vents of the cups of said belt; and an endless retainer belt operable against the face of said membrane from a position above a portion of said chamber to a point substantially therebeyond to retain in said cups, for setting, confections thus produced.

2,448,787
APPARATUS FOR DETECTING AND LOCATING ENEMY VESSELS
Clyde B. Ferrel, San Francisco, Calif., assignor to Ferrel Industries, Inc., Reno, Nev., a corporation of Nevada
Continuation of application Serial No. 423,994, December 22, 1941. This application August 18, 1944, Serial No. 550,060
34 Claims. (Cl. 177—386)



1. An apparatus for detecting and locating vessels, comprising a buoy anchored at a known location, a code amplifier and a listening amplifier both connected with a radio transmitter and all carried by the buoy, a sound detector connected with the listening amplifier, a pair of code transmitters connected with the code amplifier, one of said code transmitters transmitting a code indicating the line of direction of a detected vessel and the other code transmitter transmitting a code whereby a buoy transmitting is identified.

2,448,788
MACHINE FOR SORTING CARDS PERFORATED IN ALPHABETICAL CODE
Eugene A. Ford, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application May 3, 1947, Serial No. 745,835
7 Claims. (Cl. 209—110)

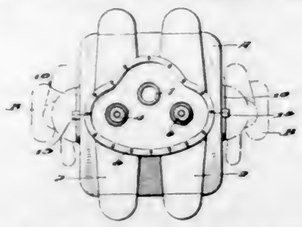


1. In a cyclically operable sorting machine for record cards having zone and numeric index points and including sensing means for sensing numeric and alphabetic perforations occurring at said index points, a plurality of card-receiving stations, a plurality of sorting blades forming passages for directing the cards to said stations, said blades being biased so as to normally assume lowered positions, a plurality of blade lifters, one for each blade, each lifter being movable from a lowered position through an intermediate or partially elevated position to a fully elevated position wherein it engages its respective blade to elevate the same, said blades and their respective lifters being separated into numeric and alphabetic zones, means operable during each card cycle for moving said lifters from their intermediate positions to their lowered positions in each zone in seriatim simultaneously in unison, a holding latch movable from a retracted position to an advanced position wherein it engages the partially elevated lifters of the alphabetic zone to maintain the same partially elevated, a numeric zone latch movable from a retracted position to an advanced position wherein it engages the partially elevated lifters in the numeric zone to maintain the same elevated, an alphabetic zone latch movable from a retracted position to an advanced position wherein it engages the partially elevated lifters in the alphabetic zone and maintains the same partially elevated, means operable upon sensing of a numeric perforation in a record card to project the numeric zone latch and the holding latch substantially simultaneously, means operable upon sensing of an alphabetic perforation in a record card for projecting said alphabetic zone latch, and means operable near the end of each card cycle for elevating the projected zone latches.

2,448,789
SUPERCHARGED MULTIPLE MOTOR INTERNAL-COMBUSTION UNIT FOR AIRCRAFT
Archibald Graham Forsyth, Cheam, England, assignor to The Fairey Aviation Company Limited, Hayes, England
Original application May 16, 1942, Serial No. 443,231. Divided and this application November 17, 1943, Serial No. 510,669
1 Claim. (Cl. 60—97)

A power unit for aircraft and the like, comprising two internal combustion motors having a common crankcase one end wall of which terminates in a facing with the crankshaft ends ex-

tending through said end wall, whereby housings containing different types of gearing may be detachably mounted over said facing, the side walls of said crankcase near the other end wall having faced openings, whereby superchargers may be detachably secured to the facings of said openings, an extension housing detachably secured to



said end wall facing, said extension housing having side faced openings over which superchargers may be detachably disposed, crankshaft extensions disposed in said housing and extending through the forward wall thereof, and means on said crankshaft extensions for driving the superchargers when they are attached.

2,448,790
PROCESS FOR THE PRODUCTION OF PENICILLIN
Jackson W. Foster and Lloyd E. McDaniel, Rahway, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application May 15, 1943, Serial No. 487,140
13 Claims. (Cl. 195—36)

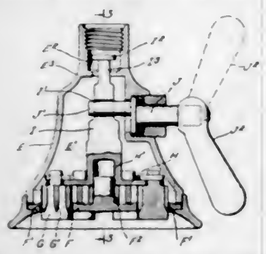
1. A process for the production of penicillin which comprises subjecting an aqueous medium containing inorganic nutrient salts and a carbohydrate of the class consisting of molasses and brown sugar to the action of a penicillin-producing strain of a mold belonging to the genus Penicillium, under aerobic submerged conditions, while maintaining a pH of about 6.0–8.5.

2,448,791
PRODUCTION OF PENICILLIN IN COTTONSEED MEAL MEDIUM
Jackson W. Foster, New York, N. Y., and Lloyd E. McDaniel, Rahway, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application January 22, 1946, Serial No. 642,748
12 Claims. (Cl. 195—36)

4. The process for the production of penicillin which comprises propagating a penicillin-producing strain of *Penicillium notatum* in an aqueous medium containing cottonseed meal under aerobic submerged conditions, the pH of said aqueous medium, during said propagation, falling within the range 6.0 to 8.5.

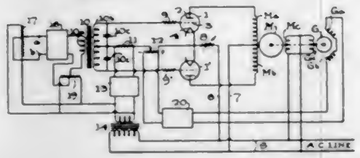
2,448,792
SHOWER HEAD
James Fraser, Wilmington, Del., assignor to Speakman Company, Wilmington, Del., a corporation of Delaware
Application June 25, 1946, Serial No. 679,171
4 Claims. (Cl. 299—144)

1. In a shower bath spray head, the combination with a chambered showerhead body formed with an inlet port and with one or more outlet openings, of flow obstructing means comprising a discharge obstructing member extending into each such opening and adjustable therein between one position in which it makes the unobstructed flow area through said opening relatively small and a second position in which it makes said area relatively large through intermediate positions in which said flow area is increased and decreased by said member as the latter is adjusted respectively toward and away from said second position, a supply obstructing member adjustable relative to said port to vary the unobstructed flow area through said port and



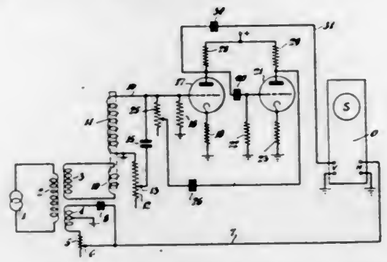
actuating mechanism operatively connected to each of said members for adjusting each of the latter, said obstructing means, inlet port, outlet opening or openings and mechanism being so relatively arranged that when said discharge obstructing member is in said one position and in said intermediate positions said supply obstructing member is in a position in which it makes the unobstructed flow area through said port relatively large and when said discharge obstructing member moves into and out of said second position, it abruptly decreases and increases the unobstructed flow area through said port, respectively.

2,448,793
RECTIFIER FED MOTOR SYSTEM
Paul Glass, Chicago, Ill., assignor to Askania Regulator Company, a corporation of Illinois
Application August 17, 1943, Serial No. 498,998
6 Claims. (Cl. 318—257)



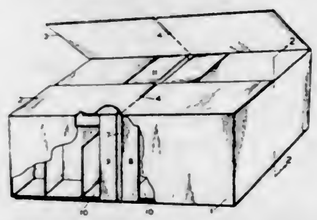
1. A speed control circuit comprising, in combination, a motor, a source of alternating current, a gaseous discharge tube having an anode circuit and a grid circuit, said anode circuit being connected to supply current to said motor from said source, means for supplying a biasing voltage to said grid circuit from said source substantially opposite in phase to the anode voltage of said tube and having a value sufficient to prevent firing of said tube in the absence of a signal, means for supplying to said grid circuit an alternating current signal voltage leading the anode voltage by substantially 90° to cause firing of said tube, and speed responsive means driven by said motor for applying to said grid circuit a direct current biasing voltage to negatively bias the grid of said tube by an amount which varies directly with the speed of said motor.

2,448,794
DEVICE FOR TESTING MAGNETIC MATERIALS
Thomas T. Goldsmith, Jr., Cedar Grove, and Estle Ray Mann, Upper Montclair, N. J., assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application June 4, 1943, Serial No. 489,652
4 Claims. (Cl. 175—183)



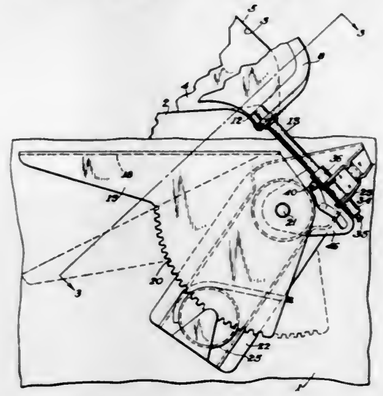
1. A device for testing specimens of magnetic materials by examining their magnetic properties, which comprises a high frequency vacuum tube oscillator having an inductance coil in the oscillator circuit thereof with a condenser in parallel with said coil, one end of said coil and the corresponding side of said condenser being grounded, an inductance coil aligned with said first named coil, said coils being adapted to be coupled magnetically by the specimens of material to be tested, means to produce low frequency oscillations in said second named inductance coil and an oscillograph having one set of deflection plates connected to the output of said high frequency oscillator and another set of deflection plates connected to said means which produces low frequency oscillations whereby a visible pattern is produced on said oscillograph which is characteristic of the magnetic properties of said material.

2,448,795
DIVISIBLE CARTON
Louis P. Greeco, Portland, Oreg.
Application May 24, 1946, Serial No. 672,094
1 Claim. (Cl. 229—28)



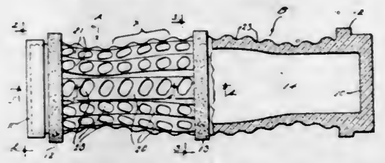
A divisible carton for bottles, comprising a hollow rectangular fiberboard box having single thickness top, bottom and end walls save for gluing overlaps, two duplicate compartmented fillers therein, said fillers comprising back to back transverse partitions with glue flaps attached to the sides of the box, a compartmented filler secured to each partition, said fillers unattached to the box, and of such size that they tend to support the box from the inside, and being of less height than the inside of the box to leave the bottle necks projecting above the filler when the tops are opened.

2,448,796
WINDOW REGULATOR FOR AUTOMOBILES AND THE LIKE
Leo S. Greenmun, Cleveland, Ohio
Application November 18, 1944, Serial No. 564,071
7 Claims. (Cl. 296—44)



1. In a window assembly for vehicles, the combination of a window opening, a deflector window panel swingable about a substantially vertical axis, a pivotally mounted main window panel completely closing such opening and rotatable in a substantially vertical plane, which plane is parallel to and removed from the plane of the deflector panel in its fully closed position, a single regulator for adjusting both panels, and means responsive solely to rotation of the regulator for rotating both panels simultaneously.

2,448,797
DEVICE FOR EXERCISING AND TREATING FEET
Walter Gustlin, Elsinore, Calif.
Application September 6, 1943, Serial No. 501,353
3 Claims. (Cl. 128—24.3)

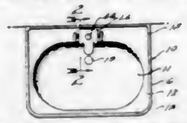


1. A device of the character described including an elongate hollow body having spaced roller portions and a tread portion between the roller portions and concentric therewith, there being longitudinal ribs projecting from the tread portion, the crest portion of each rib having diagonally disposed notches, the ribs being uniformly spaced around the tread portion and the notches being uniformly spaced and equally pitched.

2,448,798
LAVATORY SUPPORTING BRACKET
Alfred H. Haberstump, Detroit, Mich., assignor to The Murray Corporation of America, Detroit, Mich., a corporation of Delaware
Application December 23, 1944, Serial No. 569,583
1 Claim. (Cl. 4—170)

A lavatory having a top platform portion and a bowl extending downwardly therefrom contain-

ing a drain aperture, an apron extending downwardly from said platform portion at the front and at the sides, a flange extending downwardly at the rear of the lavatory, an angle-shaped bracket disposed medially of the apron portions at the side of the lavatory having a wide web portion in the plane of the flange for engagement with the wall upon which the lavatory is supported, said bracket having a frontwardly projecting portion containing an aperture aligned with the

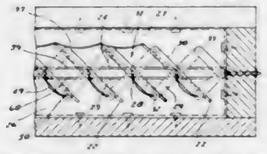


drain aperture of the bowl, a tubular fitting projecting through said bowl and said bracket apertures in secured and sealed relation thereto, a hanger secured to the wall and having an outwardly projecting lip for receiving said flange at the rear of said platform portion, said bracket having an offset adjacent to said flange with a portion engaging the surface of the flange to which it is spot-welded, said offset forming a recess below the flange for receiving said hanger.

2,448,799
ETHYLENE POLYMER COMPOSITIONS
William B. Happoldt, Jr., Arlington, and Alfred Stockfleth, North Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 3, 1945, Serial No. 626,572
7 Claims. (Cl. 260—23)

1. A plastic composition essentially comprising a mixture consisting of polythene and, by weight of said mixture, 2%–30% of a microcrystalline hydrocarbon wax, and 0.1%–10.0% of a metal salt of a long chain fatty acid.

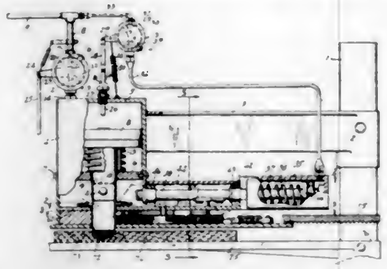
2,448,800
WINDOW SHADE
Walter Arnold Harju, Daly City, Calif.
Application April 17, 1945, Serial No. 588,863
3 Claims. (Cl. 160—168)



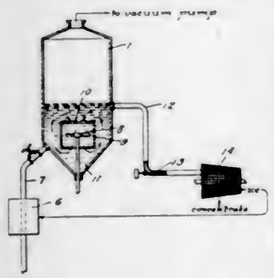
3. A screen formed of a series of vertically suspended slats, means for opening and closing the same, means whereby the slats will normally overlap when in operative position, means whereby said slats may be held angularly adjusted in said operative position, a toggle device from which the slats are pivotally suspended, and said overlapping means comprising springs connecting parts of the toggle member.

2,448,801
MACHINE FOR SEVERING AND DRIVING CORRUGATED FASTENERS
Albert E. Cranston, Jr., Portland, Oreg.
Application July 31, 1945, Serial No. 608,019
7 Claims. (Cl. 1—8.1)

1. A machine for severing and driving corrugated fasteners, said machine comprising means for supporting work pieces in position to receive a fastener, fluid pressure actuated means for advancing a supply strip of fastener material through a cutting mechanism and means operable by said pressure actuated means for severing the supply strip to form a fastener of predetermined length, and means for driving said fastener into the work pieces.



2,448,802
METHOD FOR CONCENTRATING AQUEOUS SUSPENSIONS AND SOLUTIONS
Richard Holzcker, Lake Wales, Fla., assignor to Florida Frozen Fruits, Inc., a corporation of Florida
Application December 29, 1944, Serial No. 570,428
5 Claims. (Cl. 62—124)

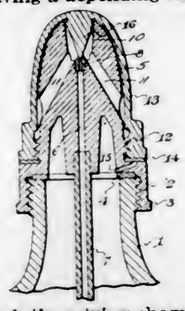


4. Method for concentrating fruit juice and the like comprising cooling the juice to the point of ice formation by the evaporation of some of its water under vacuum, continuing the application of vacuum until a sufficient fraction of the partially concentrated juice has been frozen to substantially pure water ice crystals to bring the mass to a state of wet slush, and separating the remaining liquid content from the ice crystals.

2,448,803
NASAL SPRAYER
James F. Hunter, Tulsa, Okla.
Application January 30, 1947, Serial No. 725,189
1 Claim. (Cl. 128—239)

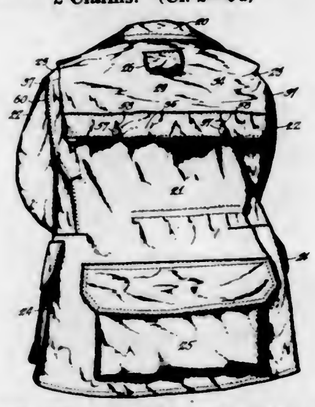
A nasal spray nozzle comprising a body member adapted to be placed on a receptacle, a discharge port through said nozzle, a discharge orifice above said discharge port, the upper end of said nozzle above the orifice having an upwardly flared mixing chamber, upwardly converging gradually diminishing air ports at opposite sides of the discharge port and terminating in the lower end of the mixing chamber adjacent the discharge orifice, an annular shoulder carried by the lower end of the nozzle, an air vent extending through said shoulder, a gasket on said shoulder

normally covering the air vent, a closure cap for said nozzle threaded on the nozzle above the shoulder and cooperating with the gasket, said closure cap having a depending tapered valve ex-



tending through the mixing chamber and cooperating with the orifice for closing the orifice and preventing leakage when the cap is threaded onto the nozzle.

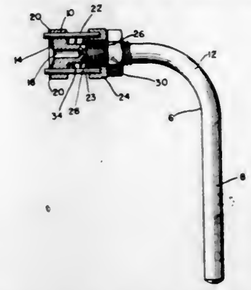
2,448,804
HUNTING AND FISHING GARMENT
Harry M. Hutchinson, Carlisle, Pa., assignor to C. H. Masland & Sons, Carlisle, Pa., a corporation of Pennsylvania
Application September 28, 1946, Serial No. 700,114
2 Claims. (Cl. 2—94)



1. A coat having a collar and a back, provided with a ventilation opening below the collar and between the shoulders, a generally rectangular cape extending across the back from shoulder to shoulder, secured at the top to the coat, covering the ventilation opening and open at the bottom, said cape having sides which stand out from the coat, are closed at the lower portion of the sides and are provided with side ports in the sides and, gutters, one secured to the back of the coat on each side of the ventilation opening inside the cape adjoining each side port and adapted to divert moisture entering the side ports away from the ventilation opening and to the open bottom.

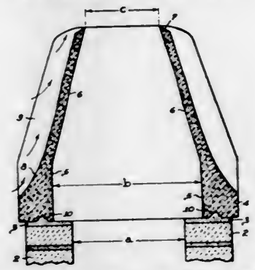
2,448,805
ADJUSTABLE DETENT WRENCH FOR SCREW CALKS
Bernard Ingram, Berkeley, Calif.
Application August 10, 1946, Serial No. 689,759
3 Claims. (Cl. 81—90)

2. A screw calk wrench consisting of a handle bent to form a crank; a head formed as part of said handle and having a greater diameter than said handle; a screw thread on said handle adjacent said head, the root diameter of said screw thread being greater than the diameter of said handle; a plurality of detent openings passing through said head parallel to the horizontal axis of said screw thread; an engaging surface on the outer face of said head having



means for centering said wrench; a plurality of detents disposed for reciprocation in said detent openings; an annular detent ring to which said detents are secured in parallel relationship and to slidably engage said screw thread; a positioning nut operable on said thread to position said base ring and means urging said annular detent ring against said nut.

2,448,806
CHIMNEY CAP
Ezra W. Kepple, Greensburg, Pa.
Application March 5, 1945, Serial No. 581,100
4 Claims. (Cl. 98—67)

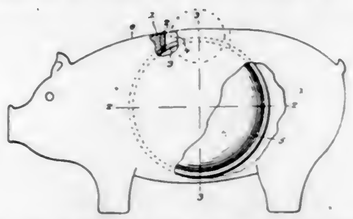


1. In combination with a chimney top having a single normal flue opening, a superimposed rectangular cap mounted thereon having a substantially reinforced supporting base and upwardly and inwardly inclined walls converging towards a terminal exit opening between bevel edge wall terminals and surrounding a lowermost maximum circulation area greater than that of the flue and converging to said terminal opening of an area less than that of the flue, the corner portions of the cap having freely exposed outwardly extending wind arresting and guiding extensions continuous from the reinforced base to the wall terminals.

2,448,807
FATTEN-THE-PIG SAVINGS BANK
June W. Kimball, Athens, Ohio
Application October 18, 1946, Serial No. 703,962
4 Claims. (Cl. 46—2)

1. In a savings bank in the form of an animal with a circular hole initially open at opposite

sides thereof, a coin slot in said bank, a cylinder in said hole, a slot in said cylinder in alinement with the slot in said bank, a pair of hemispheres positioned in said cylinder, half slots in said hemispheres to form a slot coinciding with the



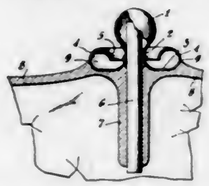
slot in the cylinder, and a covering of flexible cloth for the animal, adapted to cover said holes in the sides and to be expanded by said hemispheres when a number of coins are placed in said bank.

2,448,808

CONTACT TERMINAL FOR VACUUM TUBES

Stanley J. Koch, Clifton, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware

Application May 2, 1945, Serial No. 591,465
2 Claims. (Cl. 250—27.5)



1. A metal contact terminal anchored in the wall of a glass tube, which comprises an integral hollow metal head and neck, the lower end of said neck merging into a metal disc the edge of which terminates in an annular inturned flange surrounding said neck, a metal rod tightly fitting in said neck and passing through said wall, and a glass tube integral with said wall fused on said rod on the opposite side of said wall from said head to hold said tube securely on said rod.

2,448,809

PROCESS FOR PREPARING HOMOGENEOUS PARTIALLY CHLORINATED DERIVATIVES OF RUBBER

Carel Koningsberger, Delft, Netherlands, assignor to Rubber Stichting, Amsterdam, Netherlands

No Drawing. Application October 1, 1945, Serial No. 619,690. In the Netherlands July 29, 1944
4 Claims. (Cl. 260—772)

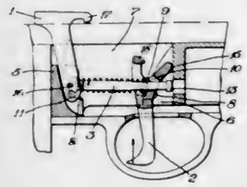
1. A process for preparing homogeneous, partially chlorinated derivatives of hydrocarbon rubbers, selected from a class consisting of natural rubber, balata and gutta percha, said derivatives containing from about 5 to 50% of chlorine, which comprises mixing a solution of such a hydrocarbon rubber with sulphuryl chloride while maintaining the temperature below about 10° C. so that no substantial reaction takes place and thereafter heating the mixture to reaction temperatures of the order of 40° to 60° C. until the reaction is substantially completed.

2,448,810

REMOVABLE TRIGGER HOUSING GROUP FOR FIREARMS

Josef Koucký and František Koucký, Prague, Czechoslovakia, assignors of one-third to Zbrojovka Brno Narodni Podnik, also named Brno Arms Factory, National Corporation, Prague, Czechoslovakia, a corporation of Czechoslovakia

Application January 20, 1948, Serial No. 3,198
In Czechoslovakia January 23, 1947
7 Claims. (Cl. 42—69)



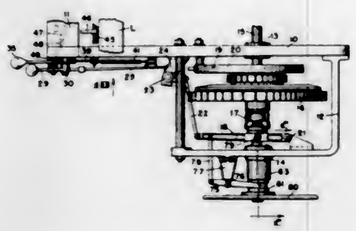
1. A removable trigger and hammer releasing mechanism for firearms, comprising a hammer and a trigger cooperating therewith each being provided with a cross pin permitting a swing movement of said hammer and trigger, a U-shaped bearing for each of said pins, the opening of the two U-shaped bearings being directed against each other, and a compression spring arranged between and acting upon said hammer and trigger.

2,448,811

HANDWHEEL FOR LOOMS

Alexander C. Krukonis, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application October 29, 1945, Serial No. 625,321
8 Claims. (Cl. 139—1)



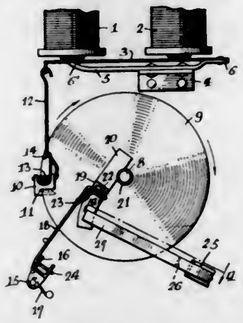
1. In a loom having a shaft which turns during loom operation to reciprocate a lay and in which the shaft and lay are at rest when the loom is not operating, shipper mechanism controlling operation of the loom and movable to running and stopping positions, loom protector mechanism to move the shipper mechanism from running to stopping position by a force derived from the lay upon improper presence of a shuttle in the warp shed, a stationary bearing surrounding the shaft, a hand wheel rotatable on and slidable longitudinally along said bearing axially of the shaft, and connections between said shipper mechanism and said hand wheel effective when the shipper mechanism is moved to stopping position by the protector mechanism to move the hand wheel bodily axially of the shaft and connect the hand wheel operatively to the shaft.

2,448,812

ELECTRIC TIMING MOTOR

Joseph Lemire, Drummondville, Quebec, Canada, assignor of fifty per cent to Nobert Boisvert, Drummondville, Quebec, Canada

Application September 30, 1946, Serial No. 700,264
2 Claims. (Cl. 172—126)



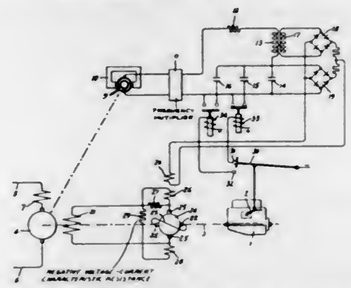
1. In an electric motor, an electromagnet, an armature adapted to be vibrated thereby, a disk rotatably mounted adjacent to said armature, a slotted plate engaging the periphery of said disk, with the periphery received in the slot of the plate, and a link connection extending from said armature and pivotally attached to said plate, and a spring between said plate and link connection and tensioned oppositely to the attraction direction of said armature, whereby to space the walls of said slot from said disk when said armature is released from said magnet.

2,448,813

POWER SYSTEM

Thomas X. Lewis, Rugby, England, assignor to General Electric Company, a corporation of New York

Application December 29, 1945, Serial No. 638,377
In Great Britain November 17, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires November 17, 1964
13 Claims. (Cl. 290—17)



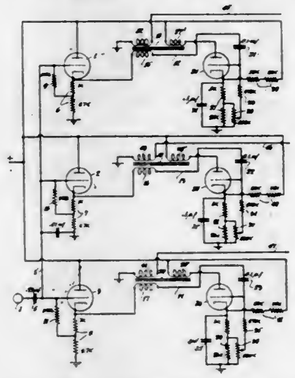
1. A power system including a prime mover having a throttle control, a main generator, means for providing a source of alternating current responsive in frequency to the speed of said main generator, means including a resonant circuit connected to said alternating current source and arranged to provide a predetermined voltage at a predetermined frequency of said alternating current source corresponding to a predetermined speed of operation of said main generator, and means responsive to the voltage of said resonant circuit for providing a predetermined excitation to said main generator maintaining a predetermined loading thereon for a given setting of said throttle.

2,448,814

DEVICE FOR SELECTING METAL PIECES

Estle Ray Mann, Upper Montclair, and Thomas Toliver Goldsmith, Jr., Cedar Grove Township, Essex County, N. J., assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware

Application July 12, 1944, Serial No. 544,608
5 Claims. (Cl. 209—81)



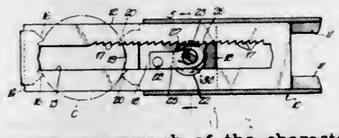
1. A device for separating metal pieces of the same shape and size but having different core losses when subjected to alternating magnetic fields, which comprises a series of blocking tube oscillators connected in parallel and so adjusted that a stronger pulse is required to cause each one in said series to oscillate than is required for the preceding one, relays connected to the outputs of said oscillators and adapted to be closed seriatim by said oscillators, and means controlled by said relays to sort said metal pieces in accordance with their having high, medium or low core losses when subjected to said fields.

2,448,815

SCREW COVER WRENCH

Edgar H. Mattocks, Chicago, Ill.

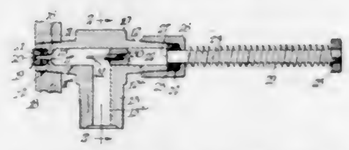
Application October 23, 1944, Serial No. 559,988
4 Claims. (Cl. 81—3.42)



4. A screw cap wrench of the character described comprising an elongated open ended casing provided with a transversely disposed slot; an elongated lengthwise slotted plate slidable in the casing with its forward end disposed beyond the casing and provided with a rearwardly disposed cap-engaging surface, one side wall of the elongated slot having a plurality of teeth; a second plate provided with a circular hole and arranged in the casing beneath and slidingly supporting said slotted plate, the forward end of said second plate extending beyond the casing and provided with a cap-engaging surface; a spring controlled pawl arranged on said second

plate within the slot of the first plate and normally engaging said teeth to control the outward sliding movement of the first plate while permitting the latter to slide inwardly; a rotatable cam action disc arranged in the circular hole in said second plate; a finger operated member extending to the casing exterior and connected with said disc whereby the latter may be rotated and the second plate advanced into cap-binding position, said member also extending through an opening in said pawl to pivotally maintain the latter in place; and a pin projecting from said pawl and disposed through the casing slot whereby the pawl may be moved out of engagement with said teeth and the first plate permitted to slide outwardly.

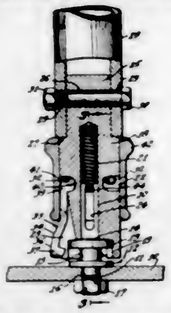
2,448,816
CONTINUOUS BLOWOFF VALVE FOR STEAM BOILERS
Henry E. May, Chicago, Ill., assignor to Dearborn Chemical Company, Chicago, Ill., a corporation of Illinois
Application October 27, 1944, Serial No. 560,666
2 Claims. (Cl. 251—29)



1. A blow off valve embodying therein a valve body having aligned water inlet and plunger receiving branches at opposite ends thereof and a water outlet branch leading from said body between said branches, a cross wall in and spaced from the extremity of said inlet branch and having an axial opening therethrough and defining a recess in the associated end of said inlet branch, a plug located in said recess with one end engaged with said cross wall and having an axial flow orifice therethrough in line with said opening in said cross wall, a plunger arranged for longitudinal movement in said valve body toward and away from said cross wall and passing through and extending beyond packing means in said plunger receiving branch of the body, and a point carried by one end of said plunger and capable of passing through said opening in said cross wall and through said orifice in said plug for removing accumulated foreign matter from and outwardly through the extremity of said orifice passage when said plunger is moved toward said cross wall.

2,448,817
FASTENING DEVICE
Warren McArthur, Bantam, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y., a corporation of the United States
Application November 11, 1944, Serial No. 562,987
8 Claims. (Cl. 287—20.5)

8. In a device of the class described, a body having at least one recess and a plurality of spaced grooves intersecting said recess formed therein, a member carried by said body and movable therealong, a plurality of hook elements, at least one part of each hook element being disposed in said recess and another part registering with a corresponding groove, resilient means engaging a part of each element in the region of said recess to form a hinge connection with said hook element and said recess, said hook elements and said means being so constructed and arranged that a portion of each hook element is swung about said hinge connection in a direction

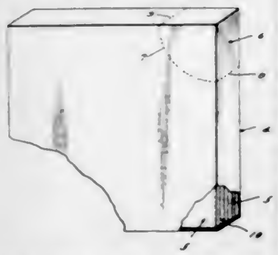


away from the body in response to predetermined movement of the member along said body in one direction, and in a direction toward the body upon predetermined movement of the member along said body in the opposite direction.

2,448,818
PROCESS OF ISOLATING LOW-METHOXYL PECTINIC ACIDS
Rolland M. McCready, Harry S. Owens, and William D. Maclay, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application September 14, 1945, Serial No. 616,445
10 Claims. (Cl. 260—209.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

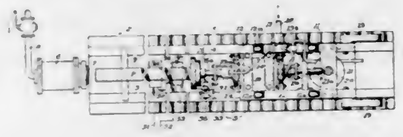
1. A process comprising adjusting an aqueous solution of a low-methoxyl pectinic acid to a pH not exceeding about 2 with a mineral acid thereby to precipitate the low-methoxyl pectinic acid, and separating the low-methoxyl pectinic acid from the acidified solution.

2,448,819
POCKET-TYPE TISSUE CONTAINER
William A. J. Mitchell, Appleton, Wis.
Application December 20, 1944, Serial No. 569,051
2 Claims. (Cl. 206—57)



2. A pocket-sized paper handkerchief packet of the class described comprising a pocket-size paper stock handkerchief packaging and dispensing container, said container being substantially flat and rectangular in form, a predetermined corner portion of the marginal rim of said container being provided with transversely extending straight across score lines, one of said lines being on one side of and spaced from said corner portion and the other line being spaced from and on the opposite side of said corner portion, arcuate score lines formed in opposed side walls of the container at said corner portion and having their ends adjoining adjacent ends of said first named score lines and defining therewith a readily separable and removable four-walled corner-cap, said cap, when torn out and removed, providing a completely open corner permitting access to be had to the interior of the container, and substantially square-shaped handkerchiefs in said container removable through said open corner after the corner-cap has been detached, each handkerchief being folded into symmetrical halves, and then again folded transversely intermediate the ends of said halves to provide quarter folds, said handkerchiefs being arranged in the container so that the coacting folds provide a pointed corner grip which is exposed when the cap is removed, whereby to facilitate the step of grasping said corner grip and withdrawing the handkerchief, without tearing, through said corner-opening.

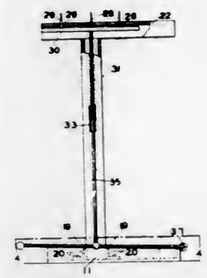
2,448,820
PIPE TESTING APPARATUS
Arthur Motycka, Beaver, Pa., assignor to Pittsburgh Tube Company, Monaca, Pa., a corporation of Delaware
Application March 11, 1946, Serial No. 653,649
6 Claims. (Cl. 73—37)



1. In a pipe testing machine of the type having two fittings between which a length of pipe to be tested is supported, one of said fittings being mounted on a carriage which is movable toward and away from the other fitting, said carriage being provided with means including a cylinder fixed to the carriage and a piston in the cylinder for moving the fitting which is carried thereby, there being a piston rod between the piston and the fitting, the herein described invention which comprises providing said piston rod with a rearwardly extending projection, and a mechanical back-up means on the carriage movable into and out of engagement with the projecting end of the piston rod.

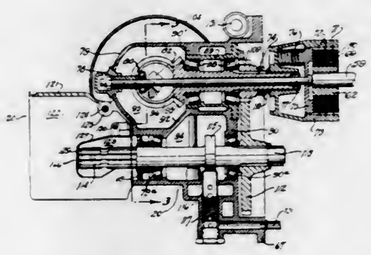
2,448,821
BAG HOLDER
John E. Murphy, Denver, Colo.
Application March 1, 1946, Serial No. 651,093
1 Claim. (Cl. 248—97)

A bag holder including a top frame, a bottom frame, each of said frames comprising two halves adjustably connected with each other, a vertical channel post fastened to each half of the bottom frame and supporting a half of the top frame, a plurality of vertically movable spikes normally extending through and above each half of the top frame, a plate underneath each half of the top frame and supporting the spikes extending therethrough, a vertical slot in the intermediate portion of each post, a release rod extending vertically downwardly from each plate on the inside of the post, then laterally through the slot in the post, and then vertically downwardly on the outside of the post to the bottom of the bag holder, a treadle connected to the lower extremity of both release rods and adapted to move them and the spikes downwardly, and



a spring anchored to the top frame and connected to the lateral portion of each release rod for urging the release rod upwardly to hold the spikes in normal position.

2,448,822
POWER TAKE-OFF DRIVE UNIT
Charles P. Pinardi, Dearborn, and Harold L. Brock, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application December 29, 1944, Serial No. 570,292
1 Claim. (Cl. 74—11)



A power takeoff unit, comprising: a housing having a mounting flange at one end thereof; partition means in said housing dividing the same into a gear chamber and a pump chamber; an operating shaft journaled in said gear chamber and having one end projecting forwardly from said housing; a transverse shaft journaled in said gear chamber and having one end thereof projecting externally of said housing; means effecting a driving connection between said transverse and operating shafts; a clutch mounted on the forward end of said operating shaft including an element connected with said operating shaft and another element adapted to be connected with a driving shaft of a power source; means normally urging said clutch elements into driving engagement; means for effecting disengagement of said clutch elements; a power takeoff shaft journaled in said pump chamber and having its rear end projecting rearwardly of said housing; means drivingly interconnecting said operating shaft with said power takeoff shaft; a lubricant pump in said pump chamber; and means on said power takeoff shaft arranged to actuate said pump.

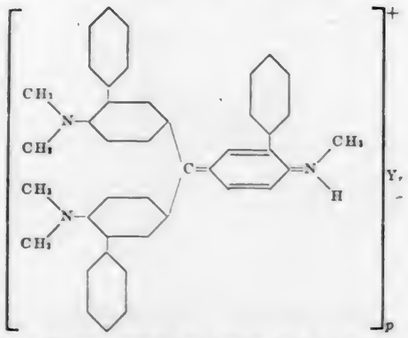
2,448,823

TRIBIPHENYLMETHANE DYESTUFF AND PIGMENT DYESTUFFS AND PROCESS FOR MAKING THE SAME

Alexander H. Popkin, Bronx, N. Y., assignor to Sun Chemical Corporation, a corporation of Delaware

No Drawing. Application March 11, 1944, Serial No. 526,131
9 Claims. (Cl. 260—387)

3. A coloring agent represented by the formula:



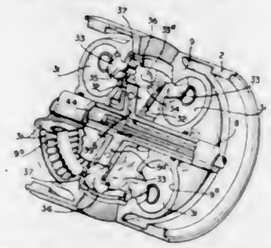
where Y represents an anion and p and r are small whole numbers.

2,448,824

ROTARY TURBINE-TYPE HYDRAULIC COUPLING

Nathan C. Price, Hollywood, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.

Application November 24, 1944, Serial No. 564,993
12 Claims. (Cl. 60—54)



1. A hydraulic coupling consisting of a pair of spaced toroidal fluid filled containers having side openings facing each other, a drive shaft on which said containers are free to rotate, said containers being provided with fixed generally radial vanes internally, a circular spider in driven association with said shaft and extending between said containers, and variable angle vanes supported by and balanced relative to said spider and protruding into the openings in the fluid containers to form part of the fluid circulating path defined by the vanes therein.

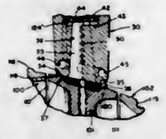
2,448,825

TURBINE ROTOR

Nathan C. Price and Harold A. Greenwald, Hollywood, Calif., assignors to Lockheed Aircraft Corporation, Burbank, Calif.

Application March 20, 1944, Serial No. 527,306
3 Claims. (Cl. 253—39)

3. A gas turbine rotor comprising a plurality of separately formed annular drum sections having radially-spaced hub and rim flanges connected by radially extending webs of reduced axial extent, said drum sections being arranged with their hubs in end-to-end axial alignment so that the internal surfaces of the hub flanges define a central bore which is large in diameter in relation to the radial wall thickness of the assembled drum sections and so that the circumferential marginal edges of adjacent rim flanges are spaced apart to provide narrow, annular expansion slots, said rim flanges forming a flow channel boundary, welds joining the hubs of adjacent drum sections and securing said sections so that said hub and rim flanges are related in the manner described, said rim flanges being formed with annular channels, pre-formed circumferentially extending V-shaped serrations formed in the bottom walls of said channels, and blades having their roots located in said channels and resistance butt welded to the walls thereof to fill said serrations.

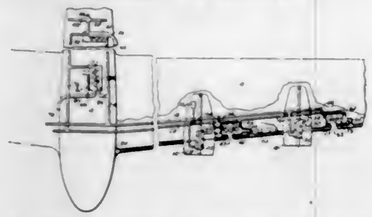


2,448,826

AIRCRAFT HEATING AND DEICING SYSTEM

Wilbur W. Reaser, Pacific Palisades, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif.

Application January 30, 1945, Serial No. 575,218
3 Claims. (Cl. 244—134)



1. A heating system for an aircraft having an internal combustion engine and a wing comprising in combination: conduit means from a closed thermal circuit and including a heat exchanger subjected to the hot exhaust gases from said engine; a substantially non-condensible, non-combustible gas confined in said circuit; means for circulating said gas through said closed circuit to be warmed by said hot exhaust gases; a compartment formed within said wing; heat exchanging means located within said compartment, said compartment having an opening formed in the leading edge of said wing for admitting ram air into the same; and means for conducting the ram air after it has passed over said heat exchanging means along the leading edge of said wing to heat the same and thereby prevent the formation of ice thereon.

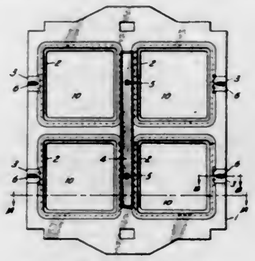
2,448,827

SECTIONAL MATCH PLATE

Emil Edward Reder, Jr., Chicago, Ill.

Application May 20, 1946, Serial No. 671,006
1 Claim. (Cl. 22—157)

A match plate comprising in combination a unitary rigid main frame having sides, ends and a centrally disposed member forming at least two openings in the frame, said sides, ends and centrally disposed members being recessed about the sides facing said openings, flanged pattern carrying blocks disposed in said openings in such fashion that the flanges on said blocks are received in the recesses in said openings, clamping strips removably secured to said main frame, a slot in each clamping strip whereby said strip may be moved over an outer flange of an adja-



cent pattern carrying block to engage said flange and clamp said block into said recessed opening and a centrally disposed removable runner bar adapted to be positioned on said central member and over an inner flange of each pattern block, whereby said inner flange may be clamped into said recessed opening, each clamping strip and runner bar cooperating to form a clamp securing a pattern block in the recessed opening provided therefor.

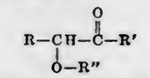
2,448,828

PHOTOPOLYMERIZATION

Malcolm M. Renfrew, Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 4, 1946, Serial No. 694,836
9 Claims. (Cl. 204—162)

1. Process of preparing polymers comprising irradiating, with light having a wave length of 1800–7000 angstroms, a photopolymerizable ethylenically unsaturated organic compound containing 0.01%–1.0%, by weight thereof, as a photopolymerizable catalyst therefor, of an acyloin ether of the formula



wherein R, R′ and R″ are monovalent hydrocarbon radicals.

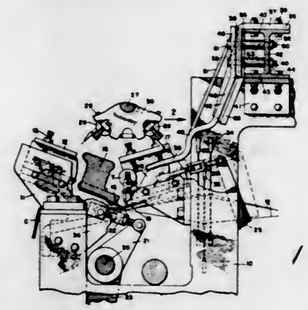
2,448,829

TUFT CUTTING MECHANISM FOR AXMINSTER LOOMS

Walter Y. Robb, Whitinsville, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application October 9, 1947, Serial No. 778,864
12 Claims. (Cl. 139—2)

1. In tuft yarn cutting mechanism for an Axminster loom, a front cutter bar extending across the loom and supporting a front cutter blade, a back cutter bar extending across the loom and supporting a back cutter blade under which the front blade moves during a tuft cutting operation, the front blade during said cutting operation exerting an upward force on the back blade tending to raise and vibrate the back cutter bar, and means engaging the back bar and exerting a downward force thereon during the cutting operation and resisting upward movement and vibration of said back bar and blade.

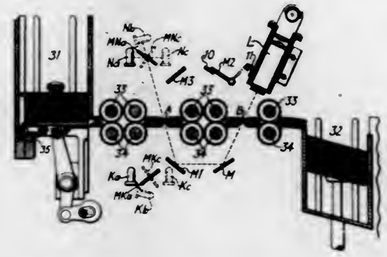


2,448,830

RECORD SENSING AND COMPARING MEANS

Joseph J. Robbins, New York, and Robert T. Blakely, Amityville, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application April 15, 1947, Serial No. 741,644
7 Claims. (Cl. 250—41.5)

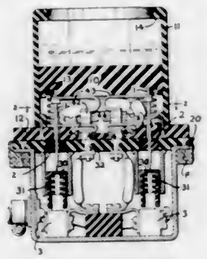


1. In a machine having means to feed a plurality of records concurrently to spaced sensing stations, respectively, where the records are to be sensed and compared for agreeing and disagreeing relations of data designating light-pervious points in index positions of the records; a single sensing and comparing unit for the records at the spaced stations, said unit including an optical system of light projecting and reflecting elements to direct a single ray of light successively upon corresponding index positions of the records at the spaced stations to pass through any of the latter index positions which bears a light-pervious point or to be deflected by any blank one of these index points, so that the optical system in conjunction with the records at the spaced stations directs the ray of light into selective paths depending on agreeing or disagreeing relation of said corresponding index positions with respect to data designating light-pervious points, said unit further including a photo-sensitive element in one of said paths to be activated by the ray of light as a manifestation of one of asid relations, and a machine-controlling circuit selectively governed by the photo-sensitive element according to whether or not the photo-sensitive element has been activated.

2,448,831
PRODUCTION OF ITACONIC ACID
Earl J. Roberts and Joseph A. Ambler, New Orleans, La., and Alfred Laurence Curl, Winter Haven, Fla., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application September 10, 1946, Serial No. 696,022
1 Claim. (Cl. 260—537)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

A process comprising treating an aqueous suspension of an alkali earth aconitate with sulfuric acid in an amount less than chemically equivalent to the actions present in the aconitate but sufficient to give a pH from 1 to 4, thereby to convert most of the aconitates to aconitic acid leaving present a small quantity of the aconitates, and heating to decompose the aconitic acid in the solution to itaconic acid and carbon dioxide in the presence of the aconitates.

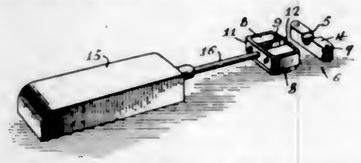
2,448,832
PIN ANCHORED ELECTRIC OUTLET AND SWITCH
Donald S. Ross, Moclips, Wash.
Application September 14, 1943, Serial No. 502,281
16 Claims. (Cl. 200—51.09)



3. An electric outlet comprising a floor plate, exposed electric terminals carried by said floor plate, an outlet block, electric contacts carried by said outlet block for engagement with said terminals when the outlet block is placed on said floor plate, an insert of resilient, penetrable self-sealing material mounted in said floor plate, a holding pin carried by said outlet block operable to pierce said insert when the outlet block is in place on the outlet to restrain relative lateral movement thereof, a switch adapted to energize one of said electric terminals, and switch control means beneath said penetrable material insert and engageable by said pin piercing said insert to condition said switch for energization of the terminal controlled thereby.

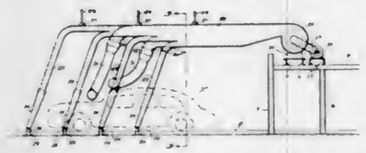
2,448,833
APPARATUS FOR MOUNTING A ROLLER IN A CAVITY IN A MEMBER
Marcel Royer, St. Eustache sur le Lac, Quebec, Canada
Application May 28, 1947, Serial No. 751,160
2 Claims. (Cl. 1—1)

1. An apparatus for mounting a roller in a cavity of a member, comprising a rest block adapted to fit in such cavity and having a seat adapted to support a roller, a guide block having a groove alined coaxially with said seat and adapted to support a pin, and a flat spring bound around said guide block and having its ends



spaced apart at the end of said groove nearer said rest block.

2,448,834
MOTOR VEHICLE DRYING APPARATUS
Leo J. Rousseau, Grosse Pointe, Mich., assignor, by mesne assignments, to Minit-Man, Inc., Detroit, Mich., a corporation of Michigan
Application June 30, 1945, Serial No. 602,585
12 Claims. (Cl. 34—243)

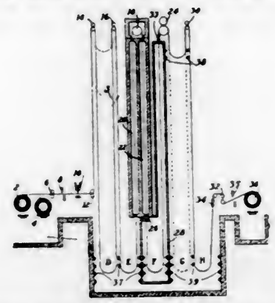


11. In a motor vehicle cleaning apparatus with a vehicle pathway along which vehicles are adapted to be conveyed, a vehicle drying apparatus comprising a supporting structure mounted adjacent said pathway, a series of air conduits supported by said supporting structure and extending to the opposite sides of said pathway, elongated air discharge nozzles connected to said air conduits and arranged along the sides of said pathway to discharge air onto the sides of said vehicle, and air blower mechanism connected to said air conduits for supplying air to said air conduits and nozzles, said nozzles having elongated air outlet openings inclined downwardly, inwardly and rearwardly relatively to said pathway for directing blasts of air downwardly and rearwardly upon the sides of said vehicle in a direction opposite to the direction of vehicle travel along said pathway whereby to sweep the water off the sides of said vehicle in a downward and rearward direction.

2,448,835
APPARATUS FOR CONTINUOUSLY PROCESSING STRIPS
Frederick K. Schefe, Gary, Ind., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application January 30, 1945, Serial No. 575,292
3 Claims. (Cl. 266—3)

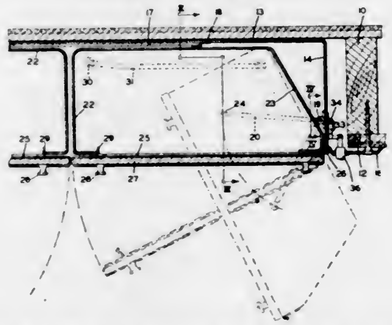
3. Apparatus for continuously processing strip which comprises means for fastening coils of strip end to end, means for forming two freely hanging loops of strip, means for preheating said strip as it passes upwardly in the first loop, means for heating said strip as it passes downwardly in the second loop, means for cooling said strip as it passes upwardly in the second loop, means between the fastening means and the first loop for storing sufficient strip to enable the strip to continue moving through the heating means while fastening the coils together, a coiler at the end of the processing line, means for cutting said strip located in front of the coiler, and

means between the second loop and cutting means for storing sufficient strip to enable the strip



to continue moving through the heating means while removing a coil from the coiler.

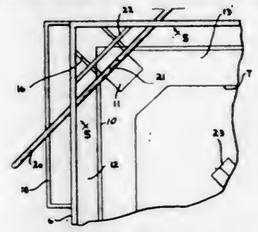
2,448,836
COMBINED MIRROR AND CABINET
Simon C. Schonfield, Youngstown, Ohio
Application May 11, 1945, Serial No. 593,284
9 Claims. (Cl. 312—112)



6. A combined mirror and cabinet structure comprising in combination an open-faced housing having a mirror attached to its rear wall, a shelf housing mounted in said first mentioned housing and having a front door with a mirror thereon, and means mounting said shelf housing in said first mentioned housing for sliding and angular movement in a horizontal plane whereby the face of the mirror on said door may move from a position in front of and generally parallel to said first mentioned mirror to a position extending angularly outward of said first mentioned mirror.

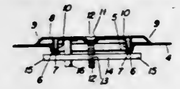
2,448,837
BASEBALL GAME
Carl Edwin Siberts, Jackson, Miss.
Application June 27, 1945, Serial No. 601,733
2 Claims. (Cl. 273—90)

2. Apparatus for playing baseball comprising a game board having a home plate corner, and upstanding side walls diverging from said corner, a home plate at said corner, an oscillating batting device comprising a rod extending across said plate diagonally of said corner and walls and with ends journalled in said walls for oscillation of the device in batting, said rod having a ball batting crank thereon oscillated thereby and being slidable in said walls endwise to variably position said crank relative to said plate in batting the ball, and a second rod extending between said



walls for engagement by said crank to limit oscillation thereof and prevent mis-operation of said device.

2,448,838
CLOSURE FOR CONTAINERS
Fred W. Sohnlein, San Diego, Calif., assignor of one-half to Granville M. Bowman, San Diego, Calif.
Application January 23, 1946, Serial No. 642,889
2 Claims. (Cl. 220—25)



1. In a closure for receptacles, the combination of a circular outlet the edges of which are depressed inwardly to form a ledge having an annular rounded channel therein, a closure plate of larger size than the opening of said outlet and positioned to cover and extend beyond the same, said closure plate having a downwardly depending annular rounded rib closely engaging with said channel and said plate having an aperture through which extends a screw inside of said receptacle, and a bar in rotatable threaded engagement with said screw, a lug secured to said plate and positioned to contact said bar and limit the rotation thereof, the arms of which bar are located to engage with the bottom of said ledge upon the tightening of said screw, and thereby to effect the hermetic sealing of the outlet of said receptacle.

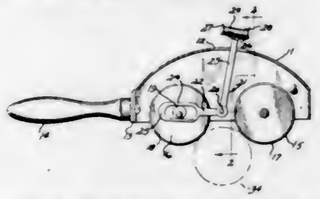
2,448,839
STRAP EXTENDER
Libera L. Steigerwald, Chicago, Ill.
Application February 22, 1945, Serial No. 579,284
1 Claim. (Cl. 2—230)



In combination with a garment having a strap member and a body member, said strap member being provided with a button and said body member being provided with a buttonhole, a device for extending the effective length of the strap comprising a flat strip of material which is relatively wide at its bottom and equipped with a button in one corner of the enlarged bottom portion, said

member tapering upwardly and inwardly toward the top thereof and being provided with an inclined slit in the corner of the upper end which is diagonally opposite to the button on the lower end of the strip, said button being adapted to be received within the buttonhole of the body member with the wide bottom portion thereof extending in contact with the body member and said inclined slit at the top of the strip of material receiving the button of said strap, said strip having a grip extension extending in substantial alignment with said slit and terminating in a free end slightly above the slit.

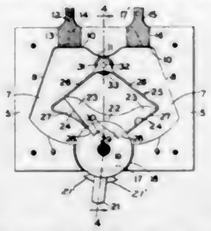
2,448,840
DENTAL AMALGAMATOR
Byron Stewart, Columbus, Ohio
Application February 21, 1947, Serial No. 730,135
3 Claims. (Cl. 259—75)



1. A dental amalgamator device of the class described which may be power-driven from a conventional dental lathe chuck comprising, a housing having an open bottom side and provided with a longitudinal slot in its upper wall, a handle extending from the rear end wall of said housing, a forward shaft having its opposite ends journaled in said side walls, a front roller on said shaft, a rear shaft having its opposite ends journaled in said side walls and disposed in parallelism with said forward shaft and in substantially the same horizontal plane therewith, said rear shaft being provided with an eccentric, a rear roller on said rear shaft, an intermediate shaft journaled in said side walls and disposed between said forward and rear shafts in parallelism therewith, a bent lever pivoted on said intermediate shaft including a substantially horizontal rearwardly-extending arm and a relatively vertical arm projecting upwardly through said slot in said housing, said horizontal arm being provided with means engaging said eccentric, a spring clip on the upper end of said projecting arm having gripping fingers, and a capsule frictionally gripped between said fingers, all adapted and arranged whereby the device may be manipulated so as to bring the front and rear rollers into engagement with the conventional lathe chuck so as to bring about rotation of the eccentric and rocking of the upwardly projecting arm and consequent reciprocating motion to the capsule.

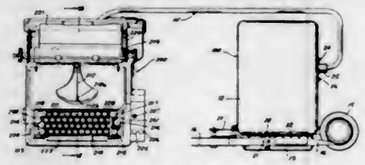
2,448,841
ELECTRIC SWITCH
Ellen Graves Taylor, Miami, Fla.
Application May 2, 1946, Serial No. 666,711
3 Claims. (Cl. 200—154)

1. A switch comprising a support having a projection, contact units carried by the support and arranged upon opposite sides of the projection, a swinging carrier mounted upon the support and having shoulders extending generally radially beyond such carrier, a resilient frame having its ends mounted upon the carrier and having parts to engage the shoulders, each part being movable in one direction from the shoulder, and a contact element carried by the frame and mov-



able from one contact unit to the other contact unit and across the projection.

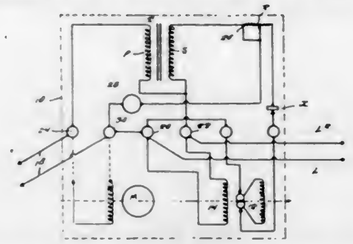
2,448,842
RECORD-CONTROLLED PRINTING APPARATUS
Henry L. Tholstrup, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application June 9, 1945, Serial No. 598,540
9 Claims. (Cl. 197—20)



5. In signal-controlled printing apparatus, the combination of cyclically operable mechanism for producing in succession signals representing, respectively, character data in accordance with a predetermined code system and said mechanism including a cycle control member movable the same amount during each cycle and at a predetermined time rate and means operable by said member during its said movement to produce a signal; printing means comprising a plurality of character type members selectively operable to effect printing on a copy sheet; means responsive to the producing of each character representing signal and operated by the movement of said cycle control member, during the cycle in which the signal is produced, for effecting a printing operation of the character type member corresponding to such signal; a device operable when rendered effective to provide for the successive cyclic operations of said cyclically operable mechanism; and means for controlling the operation of said device in accordance with the duration of said printing operations and effective upon the initiation of a printing operation during an operating cycle of said cyclically operable mechanism to render said device ineffective to provide for the next succeeding operating cycle, and effective upon the completion of said initiated printing operation to render said device effective to provide for said succeeding operating cycle.

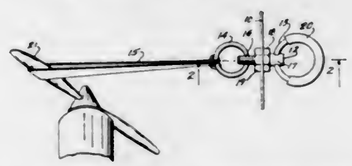
2,448,843
AUTOMATIC POWER FACTOR CONTROLLER
Henry E. Thomas, Vallejo, Calif.
Application July 27, 1945, Serial No. 607,363
6 Claims. (Cl. 323—104)

1. A power factor controller for an alternating current circuit, comprising a balanced bridge connected to said circuit, an alternator having its output connected across opposite terminals of said bridge to supply compensating current to said circuit when the bridge is unbalanced due to variations in load on the circuit causing changes in current and voltage and lowering power fac-



tor, and an exciter field for said alternator adapted to receive direct current from one side of said bridge, said alternator operating as a synchronous motor by taking its exciting current from said circuit when said bridge is restored to balance.

2,448,844
ENGINE STARTING DEVICE
Harry E. Throsel, Waukegan, Ill.
Application February 28, 1947, Serial No. 731,486
10 Claims. (Cl. 123—185)



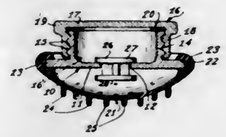
1. An engine starting device comprising two ring members secured together; a guard member secured in operative position between said ring members; and a flexible member secured at one end to one of said ring members and having its other end arranged to engage a blade of a propeller driven by a miniature propeller driving engine.

2,448,845
COLLAR CLASP
Theodore Thoreson, Wausau, Wis.
Application November 17, 1944, Serial No. 563,863
4 Claims. (Cl. 24—81)



4. A collar clasp comprising a channel-shaped connector provided with a pair of transversely disposed tongues, a pair of flat elongated members arranged in superposed relation and mounted for sliding movement relative to each other within said connector, one of the flat faces of each of said members being provided adjacent its outer end thereof with a resilient gripping means embodying a knob and a cooperating spring clip for receiving a wing of a collar therebetween, and a leaf spring provided with a transverse groove fixedly mounted on the flat face of the one of said pair of elongated members complemental to the back portion of said connector, said pair of tongues of the connector engaging the transverse groove of said leaf spring to thereby hold the elongated members in adjusted position.

2,448,846
LIQUID DISPENSING DEVICE
Marie L. Trochim, Portland, Oreg.
Application March 4, 1947, Serial No. 732,180
4 Claims. (Cl. 128—65)



4. In a manually portable device for applying a liquid to the hair or skin of the user, a rigid receptacle having a bottom wall provided with an aperture therethrough; a flexible liquid applying member secured to said bottom wall and extending over said aperture; and a double acting valve in said aperture manually operable by the application of controlled pressure to said liquid applying device to control the flow of liquid through said aperture from said receptacle to the interior of said liquid applying device.

2,448,847
CONTROL CABLE FOR AIRCRAFT
Edward E. Van Dyke, Sherman Oaks, and Kingdon Kerr, Los Angeles, Calif., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif., a corporation of Delaware
Application May 9, 1944, Serial No. 534,746
7 Claims. (Cl. 244—1)

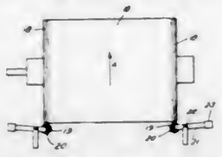


1. A high strength control cable for use in aircraft control systems comprising: a plurality of wires of high strength aluminum alloy laid together in helical wraps to constitute an aluminum alloy cable; a tubular sheath of material of lesser tensile strength than said aluminum alloy serving to maintain said wires in position and to protect the same; and a length of steel cable connected to at least one end of said aluminum alloy cable to enable said control cable to flex readily around a pulley or the like where used in an aircraft control system by the engagement of said length of steel cable with said pulley.

2,448,848
ELECTROPHORETIC SEPARATING APPARATUS
William F. Van Loenen, Los Altos, Calif., assignor, by mesne assignments, to Permanente Metals Corporation, a corporation of Delaware
Application July 18, 1944, Serial No. 545,500
1 Claim. (Cl. 204—300)

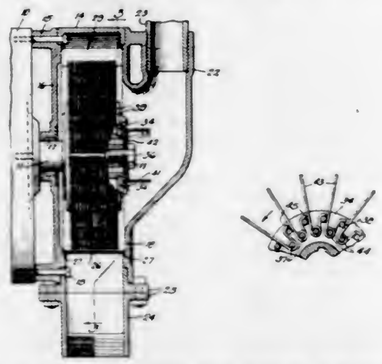
Apparatus for removing particles in suspension from liquids comprising a horizontally disposed

rotating cylindrical electrode having a smooth medial portion and at each of the outer edges of the cylindrical surface thereof a series of helical grooves cut in a direction toward the center of said rotating electrode, the grooves forming substantially an acute angle with a plane perpendicular to the axis of rotation of the said electrode, a fixed electrode adjacent to a substantial portion of the surface of said revolving electrode and having an electrostatic charge thereon different from said revolving electrode, fluid discharge means adjacent to the upper portion of said fixed electrode and adapted to spread a film of liquid containing said particles across the surface of said rotating electrode for subjecting said



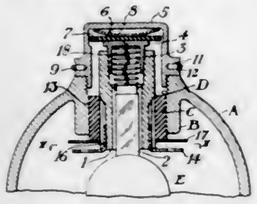
film to said electrostatic charge, said film tending to flow over the surface of said rotating electrode in a direction opposed to the normal movement of said surface, said series of helical grooves to feed toward the center of said revolving electrode for a predetermined direction of rotation thereof any liquid tending to overflow the edges of said revolving electrode, and means for cleaning the said outer edges of said revolving electrode, said cleaning means comprising rotatable brushes having radially disposed bristles, the brushes being so mounted that the bristles are pressed substantially perpendicularly into the said helical grooves whereby rotation of the electrode causes rotation of the brushes.

2,448,849
ROTOR CONSTRUCTION FOR COMMINUTING AND MIXING MACHINES
Harold H. Wagner, Cincinnati, Ohio, and Elmer G. Magnus, Chicago, Ill., assignors to The W. J. Fitzpatrick Company, Chicago, Ill., a corporation of Illinois
Application December 15, 1943, Serial No. 514,346
3 Claims. (Cl. 241—191)



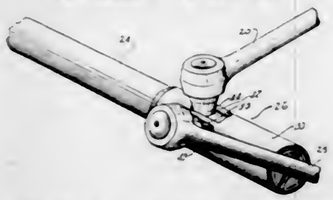
3. In a comminuting and mixing machine, a substantially cylindrical casing and a rotor in the casing, the rotor comprising a central hub formed by a pair of axially spaced end plates connected by radially and circumferentially spaced bars, the inner bars registering radially with open spaces between adjacent outer bars and a series of elongated resilient strips with their central portions looped around radially inner ones of the bars and their ends extending outwardly between and in engagement respectively with adjacent radially outer bars, one end of each of the strips terminating adjacent and being hooked over one of the radially outer bars.

2,448,850
BRUSH HOLDER FOR ELECTRIC MOTORS
Victor Weber, Greensburg, Pa., assignor to Robertshaw-Fulton Controls Company, a corporation of Delaware
Application April 7, 1945, Serial No. 587,092
7 Claims. (Cl. 171—324)



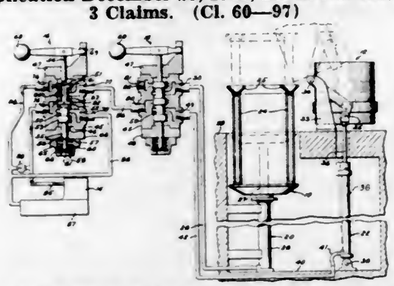
1. In an electric motor having a housing and a rotatable current conducting member therein, the combination of a brush holder for supporting a brush in operative engagement with the rotatable member and comprising a brush-containing sleeve adapted to be secured in the housing with one end projecting in spaced relation with the rotatable member, yieldable means within said sleeve and extending from the brush toward the opposite end of said sleeve, a retaining member press-fitted in said opposite sleeve end and being maintained therein by mutual tight engagement therewith for exerting pressure on said yieldable means and thereby biasing the brush toward the rotatable member, a cap adapted to be detachably secured to the housing for enclosing said retaining member and sleeve, and means carried by said cap and bearing on said retaining member to prevent loosening of the same.

2,448,851
STEERING LINKAGE
John J. Wharam, Dearborn, and Fred G. Loon, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application June 18, 1945, Serial No. 600,066
10 Claims. (Cl. 287—90)



10. In a joint, in combination, a housing having a hollow portion, a pair of connecting members angularly disposed with respect to each other and each having their inner ends pivotally connected to said housing, the axes of pivotal connection of said members to said housing being angularly disposed with respect to each other and intersecting in a common point within said housing.

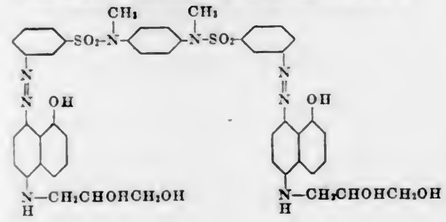
2,448,852
CONTROL APPARATUS
Sven Aamot, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application December 29, 1945, Serial No. 638,393
3 Claims. (Cl. 60—97)



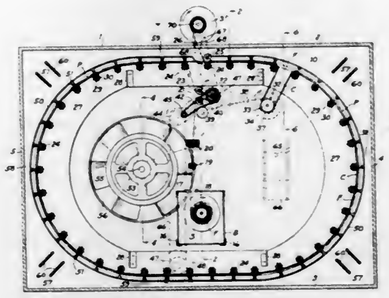
3. An apparatus for controlling the operation of a pair of fluid operated actuators comprising a hydraulic pump, a hydraulic fluid reservoir associated with said pump, a multi-position operating valve having a closed normal position and two open off-normal positions, a conduit for conducting hydraulic fluid from the pump to the operating valve, a conduit for conducting fluid from the operating valve to the reservoir, a multi-position selector valve having a closed normal position and two open off-normal positions, a single conduit for conducting fluid from one to the other of said valves, a pair of hydraulic actuators, a single conduit connecting one of said actuators to one of said open off-normal positions of said selector valve, a single conduit connecting the other of said actuators to the other open off-normal position of said selector valve, spring means for yieldingly retaining said selector valve in normal position, means for moving said selector valve to either one of said open off-normal positions to select either one of said actuators for actuation, spring means for yieldingly retaining said operating valve in said closed normal position, and means for moving said operating valve to either of said open off-normal positions, said operating valve in one of said open off-normal positions serving to direct the flow of fluid from the pump to the selector valve and in the other open off-normal position serving to by-pass the fluid from the pump back to the reservoir and to establish hydraulic communication from the selector valve to the reservoir.

2,448,853
SULFONAMIDO DISAZO DYE
Charles F. H. Allen, Charles V. Wilson, and Gordon F. Frame, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application December 29, 1945, Serial No. 638,490
1 Claim. (Cl. 260—178)

The diazo compound having the formula:



2,448,854
CONTINUOUS FILM DRIER
Albert E. Beguin, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application December 20, 1946, Serial No. 717,515
In Great Britain October 28, 1946
3 Claims. (Cl. 34—155)

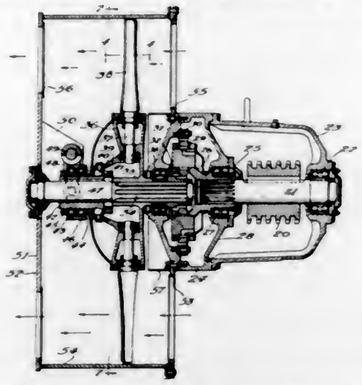


1. A film drier comprising a generally rectangular casing divided into parallel chambers, a film chamber and an air chamber, by intermediate wall between two outside walls, a plurality of rollers mounted in the film chamber positioned to conduct film through a path, means for turning the rollers, a nozzle plate dividing the film chamber into sections and extending between one outside wall and the intermediate wall, said plate having a generally oval shape and including nozzles extending transversely and ending adjacent the film path, an opening in the intermediate wall between the air chamber and the film chamber, and air openings around the edges of the intermediate wall, said openings being larger at the corners than between the corners tending to equalize air pressure at the nozzle, means for heating air in the casing before passing through the nozzles in the nozzle plate, a door through an outside wall of the drier to admit fresh air to be heated, a door on an outside wall for exhausting moisture-laden air after said air has passed into the film chamber, and an air circulating motor-driven fan positioned in an opening through the intermediate wall to move air from the film chamber to the air chamber whereby air may pass through the intermediate wall for distribution through the air chamber and through the nozzles to film moving through the path defined by the rollers.

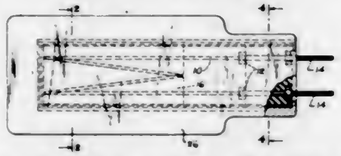
2,448,855
AERODYNAMIC BRAKE AND HOIST COMBINATION
James B. Black and Wilbur F. Shurts, Rockford, Ill., assignors to Twin Disc Clutch Company, Racine, Wis., a corporation of Wisconsin
Application May 16, 1944, Serial No. 535,838
2 Claims. (Cl. 254—187)

1. In a hoist system, the combination of a winding drum connected to a suspended load, power means for rotating the drum in a winding direction to raise the load, a clutch for connecting the means to the drum, and an air fan connected to the drum and having blades shiftable between positions exercising a substantial aerodynamic

resistance to the unwinding of the drum under the action of gravity when the clutch is disconnected and a negligible resistance during power winding of the drum.



2,448,856
ELECTRIC HEATING DEVICE
William A. Bohannon, Uniondale, N. Y.
Application October 2, 1945, Serial No. 619,791
2 Claims. (Cl. 201—63)

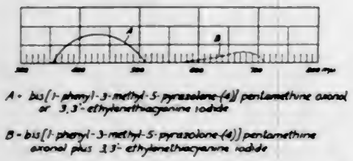


1. In an electric heater, a refractory core, a flexible resistor element laced over and around said core, sheets of insulating material disposed one each on opposite sides of said core, a metallic casing within the embrace of which the assembly comprising the core, resistor element and insulating material is enclosed, said casing comprising separable casing halves disposed one each on opposite sides of said assembly, and a metallic casting within which said casing is embedded, said casting having an exposed outer surface against which the article to be heated is adapted to bear, the metal of said casting having a melting temperature lower than that of the metal of said casing whereby, in cooling, after pouring, the metal of said casting is adapted to shrink, and by reason of said shrinkage, so compress the casing halves as to hold said assembly firmly in place therebetween.

2,448,857
STABILIZATION OF PHOTOGRAPHIC EMULSIONS
William L. Brice, Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application October 25, 1945, Serial No. 624,570
9 Claims. (Cl. 95—88)

1. A rapid process for the formation of an image in a hardened silver halide photographic layer which comprises exposing said layer, developing it with a silver halide developing agent and stabilizing it in the presence of a metal below silver and above osmium in the electromotive series, with an alkali metal thiocyanate, only until the unexposed silver halide is substantially completely converted to a light-inert silver complex by reaction with the stabilizing material, and drying said stabilized image without any further treatment.

2,448,858
OPTICALLY SUPERSENSITIZED PHOTOGRAPHIC SILVER HALIDE EMULSION
Burt H. Carroll and Cyril J. Staud, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application November 23, 1945, Serial No. 630,544
19 Claims. (Cl. 95—7)



A - bis[1-phenyl-3-methyl-5-pyrazolone-(4)] pentamethine oxonol or 3,3'-ethylenethiacyanine iodide

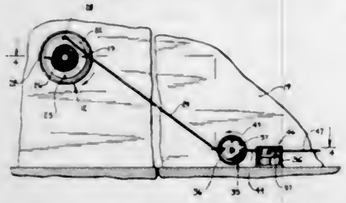
B - bis[1-phenyl-3-methyl-5-pyrazolone-(4)] pentamethine oxonol plus 3,3'-ethylenethiacyanine iodide

1. A photographic silver halide emulsion sensitized with a supersensitizing combination of at least one oxonol dye selected from the group consisting of those represented by the following general formula:



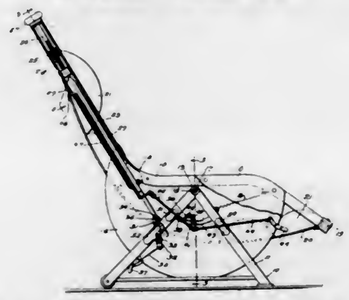
wherein L represents a methine group and Z and Z' each represents the non-metallic atoms necessary to complete a heterocyclic nucleus containing from 5 to 6 atoms in the heterocyclic ring, and the metal and ammonium salt forms of the formulated dyes, in a concentration of not more than 0.25 gram per mole of silver halide in the emulsion, and, as a supersensitizer for the oxonol dye, at least one basic dye selected from the group consisting of monomethine cyanine dyes, trimethine cyanine dyes, dimethine hemicyanine dyes and styryl dyes.

2,448,859
REMOTE CONTROL LIGHT CONTROL DEVICE
Ferdinand Chanoux, Elmhurst, Long Island, N. Y.
Application June 22, 1946, Serial No. 678,708
4 Claims. (Cl. 74—469)



1. A mechanical operating mechanism for an electrical device comprising a disc device having a casing for positioning of sockets for an electrical device thereon adapted to be operated and removed therefrom, a rod connected to said device and adapted to be pulled to effect its operation, said device comprising a casing with openings through which rods can be extended, a disc pivoted within the casing for rotation through ninety degrees as the rod is pulled, and means for fastening the rods to the disc, said electrical device having a part adapted to be pulled, means for connecting the part with a disc of the device, and a spring connected to the disc of said device for returning said disc to its inoperative position when it has been released after having effected the operation of the electrical device.

2,448,860
ADJUSTABLE RECLINING CHAIR
Calhoun Collins, Bakersfield, Calif., assignor of one-half to Theodore M. Ryerson, Bakersfield, Calif.
Application November 25, 1944, Serial No. 565,106
12 Claims. (Cl. 155—116)



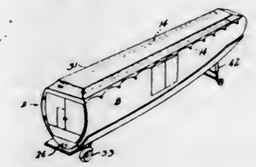
2. In a chair, a supporting frame; a chair frame including longitudinal side members and front and rear end bars, one of said end bars being fixedly mounted on said side members, the other of said end bars being movably mounted on said side members for movement toward and from said one of said end bars; pivots connecting said chair frame to said supporting frame for rearward tilting from a normal sitting position to a lying position; an occupant-supporting web anchored at its ends to said end bars and having slack between them; longitudinal vertically swingable thrust members connected with the ends of said movable end bar and extending therefrom to said supporting frame, said supporting frame having means for pivotally supporting the lower ends of said thrust members at points spaced from said chair frame pivots, the action of said supporting means being such that said thrust members will move said movable end bar a gradually increasing distance from said chair frame pivots as said chair frame is tilted rearwardly toward said lying position, whereby the slack in said web will be decreased as said chair frame is rearwardly tilted toward said lying position.

2,448,861
CELLULOSE ESTER LITHOGRAPHIC PRINTING PROCESS
Ralph S. Colt, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application August 23, 1945, Serial No. 612,247
8 Claims. (Cl. 95—5.4)



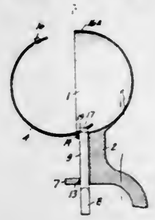
1. The method of forming a design in a cellulosic sheet for printing purposes, which comprises impregnating a hydrolyzed surface layer of a surface hydrolyzed cellulose organic acid ester sheet with ammonium bichromate, exposing said surface to light under a design and selectively removing a portion of the exposed hydrolyzed surface with a solution selected from the class consisting of water-soluble chlorites and water-soluble hypochlorites.

2,448,862
CARGO-CARRYING AIRPLANE
Ray B. Conklin, Buffalo, N. Y.
Application March 13, 1944, Serial No. 526,240
4 Claims. (Cl. 244—118)



1. A cargo-carrying airplane including a main airplane section having lateral wing sections and a cargo-carrying section slidably interengaged for longitudinal connection and disconnection to and from each other, said main airplane section including a fuselage section having a forward cockpit portion and a rear upper portion provided with a tail structure, the main airplane section carrying the motive power devices and controlling devices necessary to flight, and said cargo-carrying section comprising a rear lower fuselage section of a form to complete the fuselage structure of the airplane when applied to the main airplane section, the front end of said cargo-carrying section abutting the rear of the forward fuselage portion of said main airplane section, releasable means for locking the top of the cargo-carrying section to the rear upper fuselage portion of the main airplane section, said locking means including a longitudinally slidably operating rod mounted longitudinally of said rear upper fuselage portion and extending into said forward cockpit portion, and actuating means for said operating rod located in the forward cockpit portion of said main airplane section.

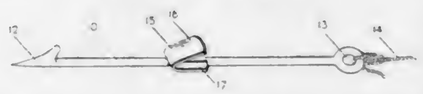
2,448,863
ICE-CREAM DIPPER
Mannie F. Costa, Syracuse, N. Y., assignor to T. N. Benedict Mfg. Co., East Syracuse, N. Y., a corporation of New York
Application May 11, 1946, Serial No. 669,085
1 Claim. (Cl. 107—48)



In an ice cream dipper and the like which includes a substantially semi-spherical bowl, a shank projecting radially from the rim of the bowl, a handle on the shank, an arcuate scraper

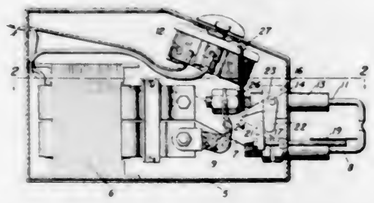
mounted in the bowl and means for actuating the scraper including a rock shaft journalled in bearings in the shank, one of which bearings opens into the bowl at the rim thereof, the scraper being mounted at one end on the shaft, the scraper being resilient and having a trunnion for entering a bearing in the bowl diametrically opposite the end of the shaft; the combination of said shaft being formed with a rib at its end projecting into the bowl, the rib having a notch in one end providing a shoulder located within the diameter of the shaft, and the end of the scraper adjacent the end of the shaft formed with a slot for receiving said rib appoximately as long as the distance from the bottom of the notch to the opposite end surface of the rib, whereby the slot receives the rib and interlocks in the notch upon tilting movement of the scraper about the end of the shaft when the trunnion is out of its bearing into position where the trunnion is alined with its bearing.

2,448,864
HARPOON CONSTRUCTION
Julian T. Crandall, Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co., a corporation of Rhode Island
Application October 4, 1943, Serial No. 504,969
3 Claims. (Cl. 43—6)



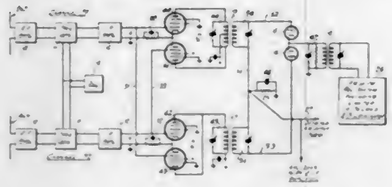
1. A harpoon tip adapted to be mounted on the end of a support pole, comprising a rod having a hook at one end and a terminal eye at the other end, and a securing device having a base mounted on the rod intermediate the hook and eye and a retainer part cooperating with the base to form a trough for receiving the end of the support pole and holding the support pole adjacent to and in substantial alignment with the rod.

2,448,865
DENTAL WELDING MACHINE
Nicholas Crombach, San Francisco, Calif.
Application May 16, 1947, Serial No. 748,466
1 Claim. (CL 219—4)



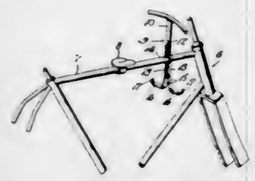
In a device of the character described a casing, a welding transformer positioned in said casing, a pair of electrodes mounted in said casing, one of said electrodes being stationary, the other of said electrodes being pivoted, a pivoted arm mounted parallel to said stationary electrode, a plate secured to said arm, a pusher secured at the opposite end of said arm from said plate and engaging a bell crank lever, said bell crank lever being connected to said pivoted electrode, and spring means maintaining said bell crank lever in engagement with said pusher whereby downward movement on said plate will cause said pusher to move said bell crank lever and its attached electrode away from said stationary electrode.

2,448,866
DIVERSITY RECEIVING SYSTEM
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application January 14, 1944, Serial No. 518,263
15 Claims. (Cl. 250—20)



7. A diversity receiving system having two receiving channels, individual radio frequency pick-ups coupled to skid channels, a first signal combining circuit arranged to effect an in-phase combination, a second signal combining circuit arranged to effect an out-of-phase combination, means for impressing the same signal from both channels on both combining circuits, said means including connections from each channel to different input terminals of both signal combining circuits, circuits coupling together the outputs of both signal combining circuits in such manner and being so constructed and arranged that the predominant useful signal from one combining circuit reduces the signal from the other combining circuit, and a utilization circuit coupled in common to the outputs of both signal combining circuits.

2,448,867
BICYCLE HANDLE BAR AND SEAT ATTACHMENT
Walter G. Darden, Houston, Tex.
Application August 9, 1946, Serial No. 689,487
5 Claims. (Cl. 155—5.13)



1. A bicycle attachment comprising a seat mounted on the cross frame bar of said bicycle, a handle bar and foot rest construction attached to the cross frame bar of a bicycle, said handle bar being horizontal and having a downwardly extending bar with a flattened end, the foot rest consisting of strap members attached to the flattened end of said bar and having oppositely bulged portions in engagement with the bicycle frame, and terminating at their lower ends in horizontal foot rests.

2,448,868
METHOD OF RECOVERING PHTHALIC ANHYDRIDE
Walter M. Davis, Jamaica Plain, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application December 18, 1944, Serial No. 568,785
4 Claims. (Cl. 260—342.5)

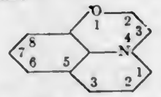
1. The method of continuously removing phthalic anhydride from vapors containing the same which comprises continuously cooling said vapors initially at a temperature varying between 130 and 450° C. down to a temperature between 50 and 95° C. by bringing said vapors into direct and intimate contact with a water spray, the amount of water being not in excess of that required to cool said vapors down to between 50 and 95° C. by the complete evaporation of said water by the time the condensed particles of phthalic anhydride separate from said vapors, whereby a major proportion of said phthalic anhydride is condensed and precipitated as anhydride from said vapors, and separating said precipitated phthalic anhydride from the remainder of said vapors.

2,448,869
TRIMETHYLENEBENZOMORPHOLINE AZO COMPOUNDS
Joseph B. Dickey, Rochester, N. Y., and James G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application November 15, 1945, Serial No. 628,964
7 Claims. (Cl. 260—152)

1. An azo compound having the general formula:

$$R—N=N—R_1$$

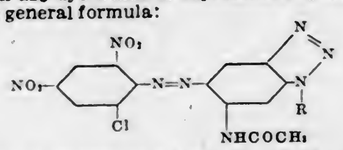
wherein R represents a member selected from the group consisting of an aryl group of the benzene series containing but one benzene nucleus and an aryl group of the naphthalene series containing but one naphthalene nucleus and R_1 represents a 4,5-trimethylenebenzomorpholine nucleus, having the basic structure



joined to the azo bond shown through the carbon atom in its 7-position.

2,448,870
AZO COMPOUNDS CONTAINING A TRIAZOLE NUCLEUS
Joseph B. Dickey, Rochester, N. Y., and James G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application December 15, 1945, Serial No. 635,406
2 Claims. (Cl. 260—157)

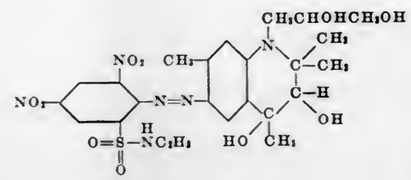
1. An azo dye which is represented by the following general formula:



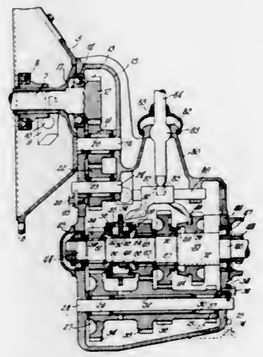
wherein R represents a low carbon hydroxyalkyl group.

2,448,871
AZO COMPOUNDS CONTAINING A TETRAHYDROQUINOLINE NUCLEUS
Joseph B. Dickey, Rochester, N. Y., and James G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application December 29, 1945, Serial No. 638,498
1 Claim. (Cl. 260—155)

The azo compound having the formula:



2,448,872
TRANSMISSION
Ernest E. Eaton, Berrien Springs, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan
Application April 20, 1945, Serial No. 589,399
7 Claims. (Cl. 74—325)



1. In a transmission, and clutch assembly including a bell housing for said clutch, a driven shaft in said assembly projecting rearwardly out of said housing, a depending housing secured to said bell housing having a rearward extension below the bell housing including a vertical control tower, a bowl-shaped transmission housing secured to the underside of said depending housing and carrying a transmission main shaft disposed beneath said driven shaft in vertical alinement therewith, a countershaft disposed in said bowl-shaped housing above and laterally offset relative to said main shaft, gear trains between said shafts, and short stub shafts journalled in said depending housing and arranged in an inclined plane between said driven shaft and said countershaft and carrying intermediate gears for driving said countershaft from said driven shaft.

2,448,873

PHENOXYETHYL LACTATE AND A CELLULOSE COMPOUND PLASTICIZED THEREWITH

Martin L. Fein, Riverside, N. J., and Charles H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application April 17, 1945, Serial No. 588,882
9 Claims. (Cl. 106—179)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. A plastic composition essentially consisting of a cellulose derivative taken from the group consisting of cellulose ethers and esters; and an ester of a polylactic acid of the formula:

$$CH_3CH(OH)COO—CH(CH_3)—COO—CH_2—CH_2—OR$$

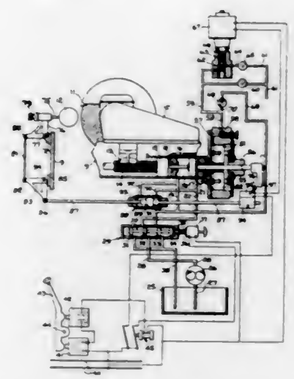
where R is a lower alkyl substituted phenyl radical; the said polylactic acid ester being present in an amount to plasticize the cellulose derivative.

2,448,874

HYDRAULICALLY OPERATED WHEEL FEEDING MECHANISM

Carl G. Flygare and Charles C. Alvord, Worcester, Mass., assignors to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application November 2, 1946, Serial No. 707,400
5 Claims. (Cl. 51—2)



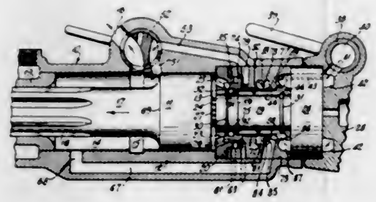
1. In a grinding machine having a rotatable grinding wheel, a transversely movable wheel slide therefor, and a feeding mechanism for said slide to feed the slide rapidly toward and from a work piece to be ground, means to slow down the rapid approaching feed to a shoulder grinding feed, means including a work engaging feeler engageable with the work piece to be ground control means movable with said feeler automatically to slow down the shoulder feed to a predetermined body feed when the grinding wheel engages the periphery of the work to be ground, and means to move said feeler to and from an operative position which is operated in timed relation with the wheel feeding mechanism so that the feeler is moved into an operative position in engagement with the work when the wheel is moved toward the work piece.

2,448,875

VALVE FOR ROCK DRILLS

Henry O. Fossum, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application February 23, 1944, Serial No. 523,523
1 Claim. (Cl. 121—19)



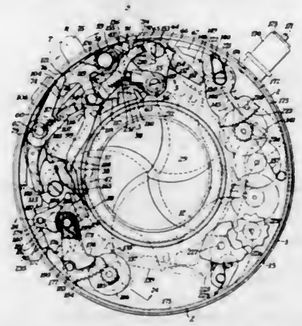
In a fluid pressure actuated rock drill comprising a cylinder having a piston reciprocable therein, a valve chest provided with a bored surface in its rear portion adapted for seating, an annular distributing valve mounted in said chest for axial reciprocation and having at its forward extremity a bored surface and adjacent its rear extremity a peripheral surface adapted to cooperate with said bored seating surface in the valve chest, a bushing coaxially disposed within the valve and spaced therefrom to provide an annular passageway therebetween and having a peripheral surface adapted to cooperate with the bored surface of the valve, means for delivering live air constantly to the rear end of the annular passageway, a rear cylinder port or ports connecting the front end of the annular passageway with the rear end of the cylinder and adapted to be uncovered by the valve in its rearward movement, a front cylinder passage connecting the rear end of the annular passageway with the front end of the cylinder and arranged to be uncovered upon forward movement of the valve, means for applying a pressure to the valve tending to hold the valve in each of its extreme positions, and means for tripping the valve automatically in response to the movements of the piston, said tripping means comprising an internal flange on the valve extending toward said bushing, the front face of the flange having a larger area than the rear face and being in constant communication with said annular passageway whereby the resultant static pressure on the flange tends to unseat the valve when in its forward position, the inner edge of the flange being closely spaced from the bushing whereby in the rear position of the valve the impinging of air against the rear face of the flange and the reduction of pressure on the front face of the flange combine to produce a resultant of force on the flange tending to unseat the valve, said valve chest being provided with an auxiliary exhaust port connecting to the atmosphere an exhaust groove adjacent the outlet passage to the front end of the cylinder, said valve being provided adjacent its rear peripheral seat with a portion of reduced diameter or neck adapted to connect said outlet passage to the exhaust groove upon reciprocation of the valve to its rearward position whereby to provide an auxiliary exhaust passage to diminish the compression of air by the piston near the end of the forward stroke.

2,448,876

HIGH-SPEED SYMMETRICAL OPENING PHOTOGRAPHIC SHUTTER

Carl C. Fuerst, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application May 21, 1945, Serial No. 595,033
49 Claims. (Cl. 95—63)



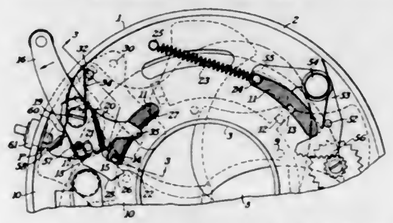
1. In a camera shutter of the type including an apertured casing, two interconnected blade rings movably mounted in the casing, shutter leaves operatively connected to the blade rings for movement to make an exposure through the shutter casing aperture, the combination with said blade rings, of a master member, means for producing exposures of different durations including a pivoted lever movably carrying the master member, a striking surface on the master member having an arcuate path of movement, means for setting and releasing the master member, an arm carried by a blade ring having different contact surfaces thereon and positioned to co-act with the master member striking surface, and means for moving the pivoted lever to select the contact surface of the arm to be struck by the striking surface of the master member, to operate the blade rings to make an exposure.

2,448,877

BULB EXPOSURE MECHANISM FOR CAMERA SHUTTERS

Carl C. Fuerst, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application May 23, 1947, Serial No. 750,009
6 Claims. (Cl. 95—60)



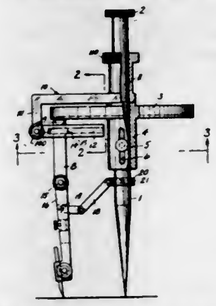
1. In a camera shutter of the type including an apertured casing, a plurality of shutter blades mounted in the casing, cover blind pivotally mounted in the casing, the combination with said shutter blades and cover blind, of mechanism for operating the shutter blades and cover blind in timed relation for normal exposures, said mechanism including a trigger, a setting device for setting the shutter for different exposures including "bulb" and means carried by the setting device for moving the cover blind from an operative to an inoperative position for making "bulb" exposures whereby actuation of the trigger may make a "bulb" exposure with the shutter leaves alone.

2,448,878

DRAFTSMAN'S COMPASS

Frederick Fuller, Middletown, N. Y.

Application November 17, 1944, Serial No. 563,824
2 Claims. (Cl. 33—27)



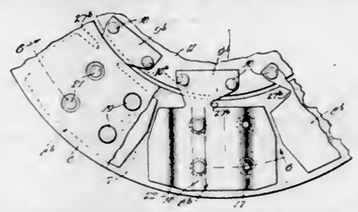
1. A draftsman's compass comprising a centering shaft pointed at its end, a form plate mounted on the shaft and having a guide of the contour of the figure to be drawn and being non-rotatable relatively to the shaft, a stylus-carrying leg having a follower movable along the guide during revolution of the leg around the axis of the shaft, a support for the leg rotatably mounted on the shaft to revolve the leg around the shaft, said supporting including a guide for permitting radial shifting of the leg as the follower moves along portions of the guide of the form plate nearer or farther from the axis of the shaft, said support including a hub rotatably mounted on the shaft, an arm extending radially from the hub and having an angular portion extending crosswise of the edge of the form plate and an inwardly extending arm extending under the form plate and formed with a slot, said leg having a follower movable in the slot, the inwardly extending arm being adjustable toward and from the form plate to permit the follower to be located in and removed from the guide of the form plate.

2,448,879

FRICTION CLUTCH PLATE

David E. Gamble, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application June 12, 1937, Serial No. 147,936
7 Claims. (Cl. 192—107)



1. A friction clutch element comprising a mounting member of relatively heavy sheet metal, a plurality of spring metal cushions having a

substantially lesser weight per unit area than that of said mounting member, occupying an annular region lying beyond the outer radial limit of said mounting member, and each having an integral portion overlapping and securely attached to said mounting member, each of said portions being connected to its respective cushion by a neck region of substantially less width than that of either said attaching portion or the cushion, and friction facings carried by said cushions, in lateral register with said annular region.

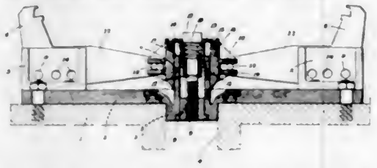
2,448,880
FRICTION CLUTCH PLATE
David E. Gamble, Tucson, Ariz., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Original application June 12, 1937, Serial No. 147,936. Divided and this application April 21, 1948, Serial No. 22,342
7 Claims. (Cl. 192—107)



1. A friction clutch comprising a pair of axially spaced friction facings, and a plurality of spring metal cushions, each of said spring metal cushions including a central region and a wing portion extending circumferentially on each side of said central region, said wing portions being bowed in a generally circumferential direction, said cushions being arranged in registering pairs and disposed with their central regions in opposition and the concave sides of their wing portions facing in opposite directions, certain of said cushions being in engagement with and attached to only one of said friction facings and other cushions being in engagement with and attached to only the other of said friction facings, said certain cushions and said other cushions being yieldably engageable with each other to resist axial movement of the friction facings in relation to each other under clutch packing pressure.

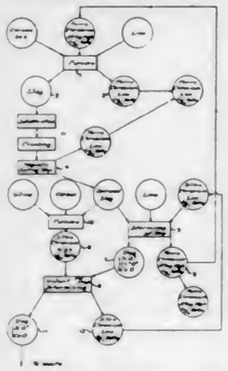
2,448,881
MULTIPLE JAW CHUCK
Edwin A. Glynn, Lodi, Calif., assignor to Super Mold Corporation of California, Lodi, Calif., a corporation of California
Application May 31, 1946, Serial No. 673,559
4 Claims. (Cl. 279—106)

1. A chuck comprising a base, a plurality of closely spaced jaws pivoted to the base about the outer periphery thereof, each jaw having an inwardly projecting arm, and means for exerting a down pressure on the inner ends of all the arms simultaneously; such means including an upstanding sleeve on the base, another sleeve slidable over the first named sleeve, means on said



other sleeve pivotally connected with the ends of said arms, and means to advance and retract said other sleeve.

2,448,882
METHOD FOR DEIRONING CHROMIUM ORE
André Greffe, La Bathie, France, assignor to Societe D'Electro-Chimie, D'Electro-Metallurgie et des Acieries Electriques D'Ugine, Paris, France, a corporation of France
Application July 4, 1945, Serial No. 603,278
In France December 13, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 13, 1963
2 Claims. (Cl. 75—27)

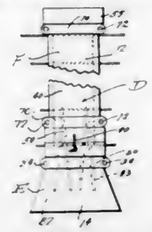


1. A process for the production of a chromium alloy containing less than 2% iron from natural iron and chromium ore, which comprises melting said ore and reducing it by metallic chromium in the presence of lime, thereby producing on the one hand an overlying layer of molten slag having a chromium oxide content higher than that in said ore and an iron content lower than that in said ore and on the other hand an underlying layer of molten ferro-chromium, separating the layer of molten ferro-chromium from the layer of molten slag, allowing the slag to freeze, thereafter crushing it and submitting it to a magnetic sorting operation to remove ferro-chromium dispersed in the slag, and submitting this deironed slag to a reduction operation.

2,448,883
CONCRETE POST FORM
Robert L. Hall, Thompsonville, Ill.
Application September 20, 1944, Serial No. 554,991
1 Claim. (Cl. 25—125)

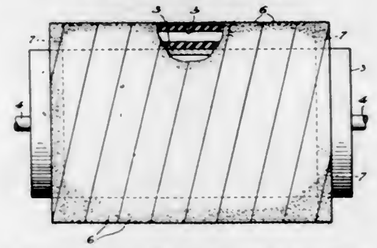
In a concrete post form construction the combination of a base unit comprising a pair of facing sections each providing frusto-pyramidal shaped compartment which open to each other, strap means surrounding said sections to connect them together, said base unit having an upper facing

socket therein of less depth than the compartment depth thereof, an upper post unit comprising a pair of sections having compartments facing each other, strap means surrounding said sections



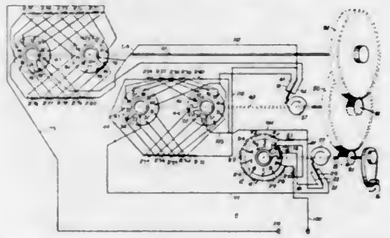
of the upper post unit and connecting them together, the said sections of the upper post unit having a lower reduced end firmly seated at its lower margin in and upon the bottom of the socket of the base unit.

2,448,884
ABRASIVE ROLL
Alfred E. Hamilton, Pittsburgh, Pa.
Application March 19, 1946, Serial No. 655,485
2 Claims. (Cl. 51—192)



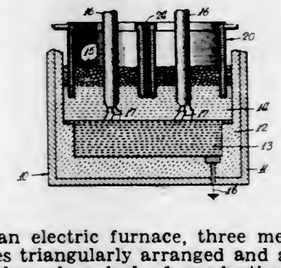
1. An abrasive roll comprising a hub portion, a pneumatic drum normally closely fitting the peripheral surface of the hub, and an abrasive strip surrounding the drum and wound in a helical direction, the end portions of the strip at each end of the drum being folded backwardly between a preceding strip-turn and the periphery of the drum, whereby, upon inflation of the drum, such turned-back ends will be gripped against the periphery of the drum.

2,448,885
ELECTRIC SYSTEM TO CONTROL IMPEDANCES
Frederick J. Hooven, Dayton, Ohio
Application September 29, 1945, Serial No. 619,336
10 Claims. (Cl. 201—48)



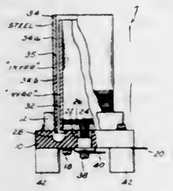
1. A continuously variable system comprising a group of electrical circuits of a first order of values, at least one additional group of electrical circuits of the next higher order of values, a continuously adjustable control shaft, a first control member operable by said control shaft through a cycle of movement to progressively connect with all of the circuits of said first order of values, a second control member for connecting with said circuits of the higher order of values, means for operating said second control member in coordinated relation with said first control member, switch means actuated respectively by said control members for progressively connecting with said electrical circuits of both said first and said higher order of values in uniform increments not greater than those of said first order of values and means establishing a continuously closed circuit through said switch means including said electrical circuits of both said first order of values and of said higher order of values.

2,448,886
ELECTRIC FURNACE
Robert K. Hopkins, New York, N. Y., assignor to The M. W. Kellogg Company, New York, N. Y., a corporation of Delaware
Application May 19, 1945, Serial No. 594,704
2 Claims. (Cl. 13—9)



1. In an electric furnace, three metal fusing electrodes triangularly arranged and adapted to extend through a bed of conductive material, and three electrically neutral intermating closely adjoining tubular electric shields insulated from ground and other potentials and from each other, and peripherally enveloping the respective parts of said electrodes passing through the level of said bed, whereby current leakage between said electrode parts through said bed of conductive material is prevented, said shields conjointly defining an outer peripheral wall and walls extending radially inwardly therefrom.

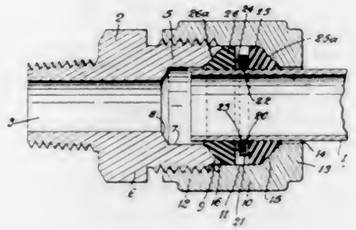
2,448,887
CAPACITOR
Harry M. Huckleberry, Rodgers Forge, Md., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 14, 1944, Serial No. 554,084
6 Claims. (Cl. 175—41)



1. A capacitor comprising, a first cylindrical electrode of conductive material, a second cylin-

drical electrode constructed for a portion of its length from a first conductive material having one thermal expansion coefficient and for the remainder of its length from a second conductive material having a different thermal expansion coefficient, one of said electrodes being surrounded by the other, said second electrode being greater in length than said first electrode, means for concentrically supporting said cylindrical electrodes and adjusting the ratio between the area of said second electrode of said first material and the area of said second electrode of said second material in register with said first electrode, and means for making electrical connection to each of said electrodes.

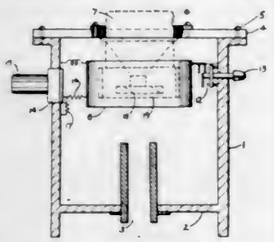
2,448,888
FITTING
Dibrell P. Hynes, Evanston, Ill., assignor to Chicago Forging and Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application April 5, 1946, Serial No. 659,825
5 Claims. (Cl. 285—90)



1. In a pressure joint, a tube, a pressure housing for receiving and surrounding said tube, said housing including a plurality of relatively movable chamber elements, one of said elements having an aperture through which the end of the tube extends, an anchorage on said tube including a deformable gripping ring and a circumferentially flanged member surrounding and confining the outer edge of said gripping ring, and means for providing a seal between said tube and said housing including bodies of flexible sealing material surrounding said tube and opposed to opposite sides of said anchorage, said relatively movable elements being adapted to subject said sealing bodies to sufficient compression to deform said gripping ring into tube gripping position.

2,448,889
PROXIMITY FUSE TESTING APPARATUS
Nels Johnson, Lower Merion Township, Montgomery County, and William E. Bradley, Swarthmore, Pa., assignors, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application September 16, 1944, Serial No. 554,384
11 Claims. (Cl. 73—1)

1. A testing unit for testing a radio proximity fuse unit and its antenna comprising a metallic housing for electrically shielding the fuse unit, a ring shaped coupling element surrounding the antenna of said fuse unit tightly coupled to said antenna at the operating frequency of said fuse, means for inserting an impedance between said coupling element and said housing to simulate the radiation resistance of said antenna, and



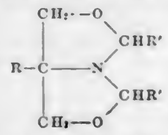
means for balancing out the capacitance between said coupling ring and said housing.

2,448,890
CONDENSATION PRODUCTS OF POLYHYDROXY ALKYLAMINES WITH ALDEHYDES
William B. Johnston, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application October 4, 1941, Serial No. 413,652
8 Claims. (Cl. 260—307)

1. The condensation product of an aldehyde with a polyhydroxy alkylamine of the general formula

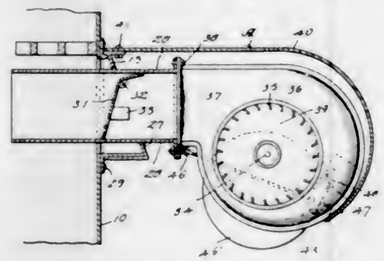
$$\begin{array}{l} CH_2OH \\ | \\ R-C-NH_2 \\ | \\ CH_2OH \end{array}$$

where R is a member of the group consisting of H, alkyl and alkylol radicals said condensation product having the general formula:



in which R is as defined above and R' is the residue of the aldehyde employed in the reaction.

2,448,891
FORCED-DRAFT AIR SUPPLY AND CONTROL MEANS FOR FURNACES
Harry P. Katz, Cleveland, Ohio
Application November 20, 1943, Serial No. 511,126
4 Claims. (Cl. 110—72)



1. In combination with the ash-pit door of a furnace, a forced draft unit mounted thereon in

communication with the atmosphere and the interior of the furnace, the unit comprising a duct having one end communicating with the furnace, a blower means associated therewith having an intake communicating with the atmosphere, and shutter means for the duct, biased so as to automatically close in the absence of draft, said shutter means being displaceable to open position in the presence of a draft from the blower means, the blower means having a discharge pipe leading to the duct, and a shield extending from the duct rearwardly and downwardly over the blower means, devices positioning said shield attached adjacent the lower end thereof and to the duct, and a closure mounted on said shield for the intake and adjustable relatively thereto.

2,448,892
OXIDATION OF CELLULOSE
William O. Kenyon and Edward C. Yackel, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application January 1, 1945, Serial No. 571,012
3 Claims. (Cl. 8—116)

2. A process of preparing oxidized cellulose in woven form which comprises immersing air-dry woven cellulose in a solution of nitrogen dioxide in carbon tetrachloride for 1–16 hours whereby a substantial carboxyl content is imparted to the cellulose.

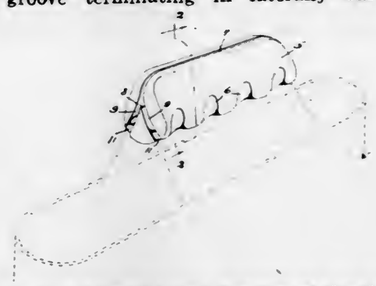
2,448,893
CAP FOR FLASKS OR THE LIKE
Charles Lamar, Brooklyn, N. Y.
Application May 12, 1947, Serial No. 747,526
8 Claims. (Cl. 215—43)



1. A combination funnel and cup comprising a body portion, a lid, and a double hinge, the body portion having side walls, a bottom, an open ended nozzle extending downwardly from the bottom, the lid having a centrally disposed stopper projecting therefrom and a pin extending through the stopper and lid securing them together, the pin having an enlarged head resting on and covering the end of the stopper removed from the lid, the stopper and pin head being capable of fitting slidably in the nozzle, the double hinge having a connecting member rotatably joined at one end to the body portion and at the other end to the lid, the lid being adapted to be rotated into position with its stopper and pin head in the nozzle, closing its open end.

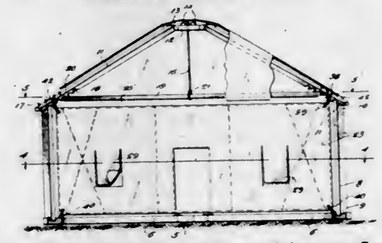
2,448,894
SHOPPING BAG HANDLE
Anthony J. Laus, Pittsburgh, Pa.
Application July 2, 1947, Serial No. 758,589
4 Claims. (Cl. 16—114)

1. A removable handle for cord shopping bag handles, comprising a body portion having a groove formed longitudinally thereof, the groove being extended inwardly from the edge thereof, said groove terminating in laterally curved



branches in which the cord handles of the shopping bag are held.

2,448,895
COLLAPSIBLE HOUSE
John T. Lawrence, Inman, S. C.
Application April 25, 1945, Serial No. 590,132
7 Claims. (Cl. 135—1)



2. A collapsible house comprising a flexible wall assembly, an elevated supporting frame and means supporting the wall assembly by the elevated frame, said supporting frame consisting of a hub and a plurality of hinged rafters, a base structure, prop means between the base structure and the rafters and tie means between the flexible wall assembly and the rafters, and a spreader interposed between the rafters, said rafters being provided with notches for receiving the ends of the spreader, said hub structure of the supporting frame provided with a depending element secured to the intermediate portion of the spreader.

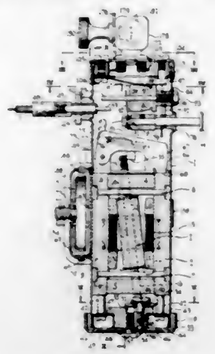
2,448,896
SYNTHETIC VANILLA FLAVOR
Charles Levy, Paterson, N. J.
No Drawing. Application June 13, 1945, Serial No. 599,311
1 Claim. (Cl. 99—140)

A flavoring compound, comprising a quantity of vanillin, a quantity of caramel substantially equal to that of said vanillin, a quantity of coumarin equal to substantially one-fourth the quantity of said vanillin, a quantity of alcohol equal to substantially four times the quantity of said vanillin, and water in a quantity sufficient to raise the volume to one gallon, said vanillin in said compound comprising one-half ounce.

2,448,897
SURGE GENERATOR
Stanley D. Livingston, Freeport, N. Y.
Application December 31, 1946, Serial No. 719,389
6 Claims. (Cl. 171—209)

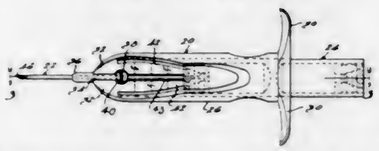
5. An electric generator, including, in combination: a permanent magnet field; pole shoes; an

elongated armature adapted to cooperate with the pole shoes; a leaf spring; means whereby the leaf spring causes movement of the armature and creates a difference of potential; a shifting bar,



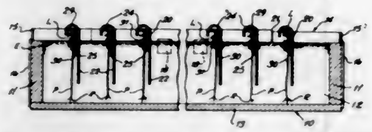
said shifting bar adapted to receive the one end of the leaf spring; means for oscillating the shifting bar whereby the spring is flexed, said means including a rotatable knob adapted for manual operation.

2,448,898
HYPODERMIC NEEDLE
Marshall L. Lockhart, Rutherford, N. J.
Application April 21, 1945, Serial No. 589,563
1 Claim. (Cl. 128—215)



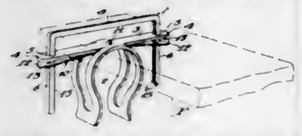
In combination a hypodermic syringe including a holder comprising a pair of substantially parallel and spaced jaws connected to each other to yieldingly resist separation, adjacent inner faces of said jaws being transversely curved to present longitudinally extending channels and each of said faces being interrupted by a notch which, in the different jaws, are aligned to provide a common opening, a needle including a straight cannula and a manipulating and mounting portion therefor disposed intermediate the ends of said cannula, said cannula having a piercing point at least at one of its ends, said portion including a cylindrical shank of constant diameter and which shank is of greater diameter than the distance between the inner faces of said jaws whereby it may be received and retained between the same with the curved inner jaw faces yieldingly engaging the outer shank face, a head adjacent one end of said shank and disposed within said notch, the diameter of said head being such that it extends beyond the plane of said jaws to provide a portion by means of which said cannula may be rotated to cause the piercing point thereof to extend in a desired direction with reference to said holder, the curved surface of said shank providing a rotatable bearing with the holder jaws and also providing a surface acting as a cam to spread said jaws as said cannula is rocked through an arc with respect to said holder, whereby with such spreading the needle may be removed from between said jaws.

2,448,899
SEEDLING PLANTING DEVICE
Henry A. Macro, Sheridan, N. Y.
Application October 2, 1946, Serial No. 700,614
5 Claims. (Cl. 111—2)



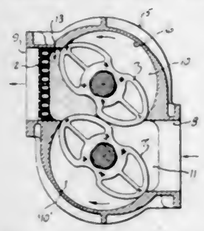
1. A seedling planting device, comprising a strip having means for mounting the ends thereof adjacent the earth surface, and means for anchoring plants thereto, said strip having an overhanging cover portion to protect the plants, and an elastic strip mounted against said first named strip to secure the plants therebeneath in spaced relation beneath said overhanging cover portion.

2,448,900
TICKET HOLDER
Belmont P. Mayo, Providence, R. I.
Application March 23, 1946, Serial No. 656,758
4 Claims. (Cl. 211—49)



2. In a device of the type specified, a rest for receiving the end of a pad of tickets, a clamping element having a crossbar with legs depending therefrom through openings in the ends of the rest, said legs formed with teeth, and resilient means for engaging the teeth on the legs of the clamping element to lock it in adjusted position in relation to the rest.

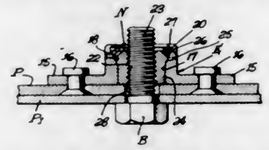
2,448,901
INTERENGAGING IMPELLER ROTARY POSITIVE DISPLACEMENT BLOWER
Robert P. McCulloch, Fox Point, and John L. Ryde, Milwaukee, Wis., assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application August 12, 1943, Serial No. 498,274
1 Claim. (Cl. 230—141)



A positive displacement type blower comprising a housing having cylindrical communicating bores; intake and discharge passages radial to said bores and communicating therewith at opposite sides of said housing, said passages having their axes offset with respect to each other; and a pair of cooperating rotors rotatable in said bores each arranged proximate the inward end of a passage and having intermeshing lobes which

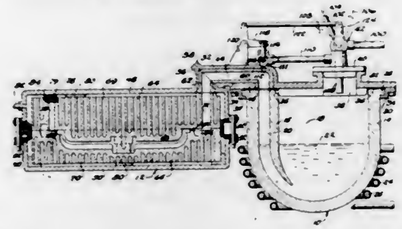
define bucket spaces with the walls of said bores, each rotor having its axis aligned with and intersecting the axis of its proximate passage, said rotor axes being parallel to each other in a common plane, and the axes of the passages being offset on opposite sides of a median plane between the rotor axes and approximately perpendicular to the aforesaid common plane of the rotor axes, whereby each passage opens substantially entirely into a respective bore.

2,448,902
NUT LOCK CONSTRUCTION
Wendell R. McKenzie, Claremont, Calif., assignor to Bank of America National Trust and Savings Association, Los Angeles, Calif., a National Banking Association
Application April 3, 1944, Serial No. 529,307
5 Claims. (Cl. 151—19)



1. In a nut lock construction, the combination of: an outer nut holding shell member having an inner end adapted to be seated against the surface of a part to be clamped, said shell having a bore extending therethrough including a cylindrical portion at the inner end and an enlarged frusto-conical seat portion at the outer end with its largest diameter nearest said outer end; an inner nut member disposed in said shell member, said nut member being split throughout its length along one side thereof and also having a cylindrical neck portion normally of slightly larger diameter than the shell bore, said nut having a frusto-conical head to seat on the frusto-conical portion of the bore of said shell; screw threads formed in the bore of said inner nut member adapted to be engaged by the threads of the bolt which it is to receive; and means holding one of said members against turning relative to the other.

2,448,903
DISPLACEMENT TYPE CASTING APPARATUS
Raymond J. Miller, Detroit, Mich.
Application December 15, 1944, Serial No. 568,253
2 Claims. (Cl. 22—69)



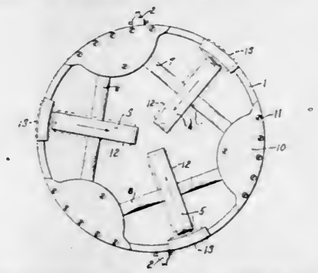
2. In a displacement type casting device having a crucible including a fluid tight closure, a mold associated with the crucible and including a casting cavity, feeder forming means interconnecting the space within the crucible with the casting cavity, fluid supply means to subject the space within the crucible to the pressure of an inert non-oxidizing gas, valve means controlling said fluid supply means and movable from charging to casting positions to subject the space within the crucible to increased pressure, vent forming means communicating with the casting cavity at a point remote from the connection therewith of the feeder forming means, auxiliary fluid supply means communicating with the feeder forming means to flush the casting cavity with inert non-oxidizing gas to displace oxygen laden air therefrom, valve means controlling the auxiliary fluid supply means and movable between closed and open positions, the combination therewith of motion transmitting means actuated by the first mentioned valve means to maintain the second mentioned valve means in the open position when the first mentioned valve means is in the charging position and to close the second mentioned valve means when the first mentioned valve means is in the casting position.

2,448,904
DEVICE FOR PRACTICING GOLF
Samuel Alexander Millner, Jacksonville, Fla.
Application March 31, 1945, Serial No. 585,839
3 Claims. (Cl. 273—35)



1. An apparatus for guiding a golf club head in practice swings, comprising a support, a universal joint fixed thereto at shoulder height of a player, a guide member composed of a rod having a portion of major length suspended from said joint and a minor portion pivotally suspended from said major portion and extending to a level adjacent that at which the club head is to engage a golf ball, a universal joint carried on the lower end of said minor portion of the arm having a part adapted for attachment to a golf club head.

2,448,905
SELF-COMPENSATING GYRO ASSEMBLY
Brian B. K. Morse, Holyoke, Mass.
Application April 9, 1947, Serial No. 740,433
4 Claims. (Cl. 74—5)



1. A self-compensating gyro assembly which comprises an odd plurality of gyro-rotors mounted on shafts rotatably supported in and by a

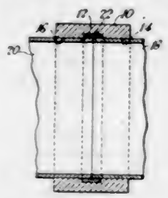
gimbal ring, the axes of said shafts forming an equilateral triangle, and means to simultaneously drive all of said rotors at the same speed and in the same direction.

2,448,906
ARTIFICIAL FLAME
Philip Munao and Carmelo C. Munao, Brooklyn, N. Y.
Application May 15, 1946, Serial No. 670,005
1 Claim. (Cl. 272—8)



As a new article of manufacture, an artificial flame and log assembly comprising a log structure, a flame-shaped covering of light transmitting plastic material thereon and a hidden light source, said flame-shaped covering having a surface facing said hidden light source and receiving radiation therefrom for transmittal into the body of said covering, said face being sub-divided into several separate sections confronting the light source at distinct places, said plastic covering having embedded therein rods of plastic material, each having a refractive index different from the refractive index of the main body of said plastic material and each being constructed of material having the light transmitting properties of polymethyl methacrylate.

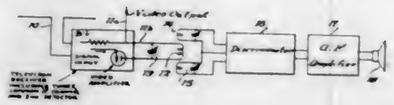
2,448,907
PIPE JOINT
William R. Ost, Verona, N. J., assignor to Walworth Patents Inc., Boston, Mass., a corporation of Massachusetts
Application January 25, 1944, Serial No. 519,618
2 Claims. (Cl. 285—115)



1. A joint for tubular members comprising a sleeve member within which adjacent ends of the tubular members are entered in abutting relation, said sleeve member having an internal recess which spans said abutting end faces, and a brazing alloy amalgamating said sleeve to the tubular members and connecting said abutting end faces to form a continuous conduit substantially uninterrupted on the interior surface, said alloy being initially contained in said recess.

2,448,908
TELEVISION RECEIVER
Louis W. Parker, Woodside, N. Y.
Application July 13, 1944, Serial No. 544,726
26 Claims. (Cl. 178—5.8)

7. The method of receiving a television signal frequency band including related video and sound signals on separated carriers, the video carrier being amplitude modulated and the sound carrier being frequency modulated with the carriers separated by a substantially constant frequency difference, which comprises the steps of amplifying the two carriers in a common channel to different average amplitudes such that when the video carrier is to be modulated m percent, the sound carrier may have a maximum amplitude not in excess of $(100-m)$ percent of the average amplitude of the video carrier, heterodyning the video



and the sound carriers with each other to produce a beat note having a frequency equal to the difference between the original separation of the video and the sound signal carriers, simultaneously detecting the amplitude modulated video carrier to derive a video component, and amplifying the video component together with said beat note, and then separating out the beat note to derive the sound signal therefrom, and passing the video component to a video signal reproduction system and the sound signal to an audio signal reproducer.

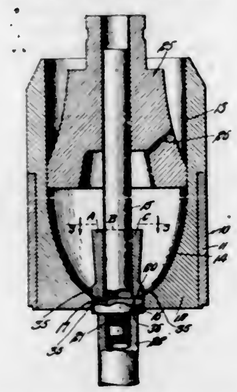
2,448,909
METHOD OF REMOVING INSULATION FROM METALLIC ELECTRIC CONDUCTORS
Yaro Piskac and Raymond E. Smiley, Maple Heights, Ohio, assignors, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio, a corporation of Delaware
No Drawing. Application April 27, 1945, Serial No. 590,746
2 Claims. (Cl. 134—38)

1. The method of removing insulation of vinyl acetate resin material from metallic electric conductors which comprises forming an aqueous solution of from ten to fourteen grams per 25 cubic centimeters of chromium trioxide, heating said solution to a temperature within a range of from 190° to 226° Fahrenheit and immersing a portion of said conductor with its insulation in said solution for a period of time approximating thirty seconds to remove said insulation without damage to said conductor or its metallic surface.

2,448,910
CHLORINATED PARAFFIN WAX AMINES FOR CONTROLLING FUNGI AND BACTERIA
Thomas E. Reamer, Albany, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application March 27, 1944, Serial No. 528,348
7 Claims. (Cl. 167—38.6)

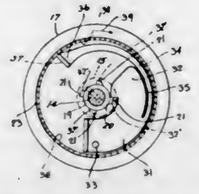
1. A method of controlling fungi and bacteria comprising exposing them to mixtures of aliphatic compounds having at least 12 carbon atoms and not more than about 40 carbon atoms and containing per average molecule more than one amino group, at least one olefinic double bond, combined chlorine only in the form of 0.5 to 1.5 non-ionizable chlorine atoms, and an oleophilic hydrocarbon chain of at least 8 carbon atoms linked in an amino group.

2,448,911
STOPPER PRESS DIE
John O. Reid, Jersey City, N. J., assignor to Joseph Dixon Crucible Company, Jersey City, N. J., a corporation of New Jersey
Application September 1, 1945, Serial No. 614,049
10 Claims. (Cl. 25—44)



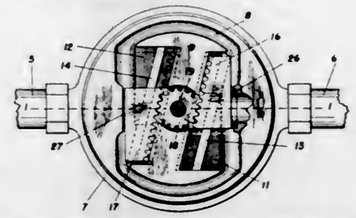
1. A stopper press die comprising a mold, a plunger movable thereinto to compress the material in the mold, a pin movable upwardly through the bottom of the mold, and means on the pin and surrounding the lower portion of the pin for forming an annular undercut recess in the bottom of the stopper formed in the mold.

2,448,912
OVERRUNNING CLUTCH
Thomas I. Ress and John W. Lang, Jr., Chicago, Ill., assignors to De Vry Corporation, Chicago, Ill., a corporation of Illinois
Application January 12, 1945, Serial No. 572,479
4 Claims. (Cl. 192—41)



1. In combination, a stationary bearing, a shaft having an end portion rotatably journalled in said bearing, a pulley mounted on said shaft for free rotation with respect thereto, a latch member pivotally carried by the pulley for rotation therewith and having a drag arm, a member fixed to the bearing and having a portion thereof adapted to have dragging engagement with respect to said drag arm when said pulley is rotated in one direction, and means on said shaft and rotatable therewith and adapted for latched engagement with said latch member when said latch member is pivoted in a direction opposite to the rotation of the pulley in said one direction to provide together with said latch member a connection between the shaft and said pulley, said means being adapted to pivot said latch member in an opposite direction to the aforesaid pivotal movement of said latch member by the inertia of said shaft when said pulley becomes inert, to disengage the latched connection between said means and said latch member to permit free rotation of the pulley relative to the shaft.

2,448,913
VALVE
John Roberts, San Francisco, Calif.
Application December 28, 1945, Serial No. 637,551
1 Claim. (Cl. 251—54)



In a valve of the character described, a casing, opposed inlet and outlet valve seats formed in said casing, a pair of wedge-shaped valves slidably mounted in said casing, inclined guides formed in said casing and inclined with respect to said valve seats whereby when said valves are moved on said guides said valves will be moved toward or away from said seats, and means for moving said valves simultaneously, said means comprising a rotatable member positioned between said valves and in the same plane as the axis of said valve seats and having driving engagement with said valves to transmit simultaneous movement to each of said valves.

2,448,914
CIGARETTE EJECTING DEVICE
Fred Roth, Brooklyn, N. Y.
Application June 21, 1946, Serial No. 678,514
13 Claims. (Cl. 312—75)

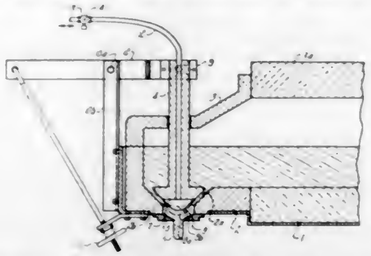


1. A cigarette dispensing container comprising a receptacle, a forwardly inclined panel hinged to a wall of the receptacle for vertical swinging movement and upon which cigarettes are supported for forward gravitational feed, detent means for preventing feeding movement of the cigarettes, means for yieldably resisting downward swinging movement of said panel, and cam means associated with said panel for feeding a cigarette over said detent means when the panel moves downwardly.

2,448,915
APPARATUS FOR FEEDING GLASS
Arthur W. Schmid, Brookside Farm, Pa.
Application January 15, 1944, Serial No. 518,335
2 Claims. (Cl. 49—55)

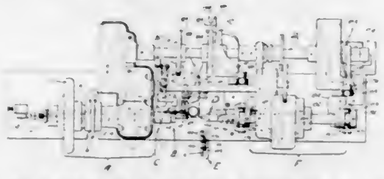
1. Apparatus for feeding suspended mold charges comprising a forehearth, a feeder boot therefor having a funnel-shaped aperture terminating in a cylindrical wall of an impulse chamber and having an orifice ring at the bottom thereof, a hollow adjustable valve complementary in shape to the wall of the funnel-shaped aperture having a blunt end of substantially the di-

ameter of the cylindrical wall of the funnel-shaped aperture and forming a wall of said impulse chamber, means communicating with the hollow interior of said valve for transmitting positive and negative air pressures to said impulse



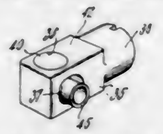
chamber above the orifice ring in such proportion as to maintain an air bubble above the glass in the impulse chamber, and means for adjusting the valve to regulate the flow of glass to said chamber.

2,448,916
HEATER FOLDING MACHINE
Gerhard Gunther Schneider and Frank L. Donohue, Maplewood, N. J., assignors to National Union Radio Corporation, Newark, N. J., a corporation of Delaware
Application November 7, 1944, Serial No. 562,356
14 Claims. (Cl. 140—71.5)



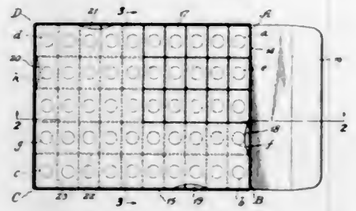
1. In a machine of the kind described, the combination comprising means for folding wire upon itself to form a folded filament, said means including a rotatable arbor around which the wire is wound, means to rotate said arbor and to simultaneously feed said wire longitudinally of the axis of rotation of said arbor to form it into a flattened helix means for partially collapsing said arbor for releasing the folded filament from said folding means, means for receiving and transferring the folded filament in the folded condition from said folding means to a receptacle, and means for automatically operating said folding means and said transferring means in timed relation.

2,448,917
UNIVERSAL COUPLING FOR LINEAR ACTUATORS
William K. Schon, Piqua, Ohio, assignor to Lear, Incorporated, Piqua, Ohio, a corporation of Illinois
Application February 16, 1945, Serial No. 578,301
14 Claims. (Cl. 287—97)



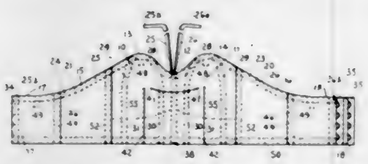
1. A coupling comprising, in combination, a first connection member formed with a bore therein and passages opening externally therefrom; a pin oscillatably mounted in said bore; and a second connection member extending through said pin and passages perpendicularly to said bore.

2,448,918
PELLET CONTAINER AND SELECTOR
Frank L. Sessions, Lakewood, Ohio
Application January 15, 1945, Serial No. 572,760
5 Claims. (Cl. 206—42)



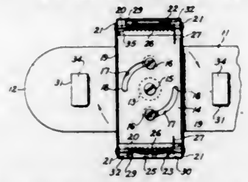
1. A pellet container and selector comprising a box having partitions forming a plurality of open-top pockets arranged in crisscrossed rows; and a loose, removable selector card above said partitions, covering all of said pockets; said selector card having a coupon portion comprising detachable coupons, each coupon being dimensioned and positioned to cover one pocket and said coupon portion of said card covering only the pockets lying wholly or partly in the same one quarter corner portion of said box.

2,448,919
STRAPLESS BRASSIÈRE
Louis Shulman, New York, N. Y.
Application October 23, 1946, Serial No. 705,091
1 Claim. (Cl. 2—42)



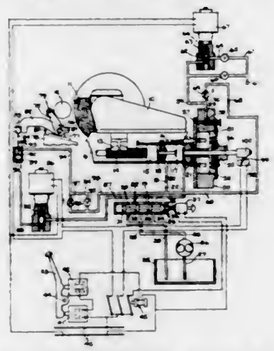
A strapless brassière having two breast receiving pockets and a top edge portion which is low between said pockets and curved upwardly at the top portions of said pockets and then downwardly to the end portions of the brassière, tapes mounted along said top edge portion in order to form a curved passage for each of said pockets for drawstrings, said tapes and passages extending from the center of the brassière at said low point between said pockets upwardly in a curved path to the top portions of said pockets, and then downwardly in a curved path to the end portions of the brassière, a drawstring extending through each of said curved passages and having free outer ends at the center of said brassière and having their inner ends attached to the end portions of said brassière, and stiffening members mounted on said pockets and extending from the bottom of each pocket along the sides of the pocket and arching towards points in the vicinity of the central portion of the top of the pocket in order to maintain the curvature of the top edge portion of the brassière when said drawstrings are drawn tight to hold the brassière on the body of a wearer.

2,448,920
COLLAPSIBLE VIEW FINDER
George P. Silberstein, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application June 8, 1946, Serial No. 675,409
10 Claims. (Cl. 33—64)



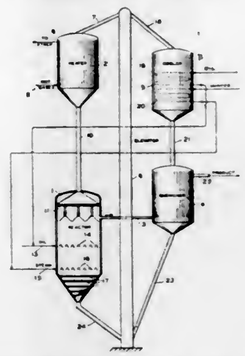
5. In a photographic device, the combination with a camera body, of a view finder comprising a base plate, a stud on said body on which said base plate is mounted so that it may be swung from a position substantially parallel with the optical axis of said camera to a position normal thereto, finder elements hingedly mounted to the opposite ends of said plate, spring means for automatically moving said elements in erected relation when said plate is swung to said first position, lugs carried by said body adjacent said plate, and a cam formed on each of said elements and adapted to engage one of said lugs when said plate is moved to said normal position, said lugs and cams cooperating to move said elements about their hinges when said plate is being swung to said normal position to move said elements to a collapsed position.

2,448,921
HYDRAULICALLY OPERATED FEEDING MECHANISM
Herbert A. Silven, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application November 1, 1946, Serial No. 707,214
8 Claims. (Cl. 51—2)



1. In a grinding machine having a rotatable grinding wheel, a transversely movable slide therefor, and a feeding mechanism for said slide to feed said slide rapidly toward and from a work piece to be ground, means to slow down the rapid approaching feed to a predetermined grinding feed to grind a shoulder on a work piece, and means including a work engaging feeler engageable with the work piece to be ground automatically to slow down the grinding feed to a slower predetermined grinding feed when the grinding wheel engages the peripheral portion of the work to be ground.

2,448,922
CONTINUOUS CRACKING PROCESS
Thomas P. Simpson and Sylvander C. Eastwood, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application January 23, 1946, Serial No. 642,833
5 Claims. (Cl. 196—55)

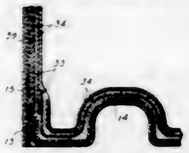


1. A process for conducting a high temperature vapor-phase cracking of hydrocarbons in the presence of steam during a short interval of time which comprises contacting said hydrocarbons in liquid phase with a mass of highly heated granular refractory material in a reaction zone to vaporize and rapidly raise the temperature of said reactants to reaction temperature, contacting water with said granular material in said reaction zone to produce steam and mix the same with said vaporized hydrocarbons, removing vapors from said reaction zone and passing such heated vapors into contact with a mass of cold granular refractory material in a quenching zone to thereby quench the vapors and halt said reaction, continuously removing granular material from said reaction zone and said quenching zone, transferring a portion of granular material so removed to a heating zone, transferring another portion thereof to a cooling zone, heating refractory material in said heating zone to an elevated temperature and transferring refractory material so heated to said reaction zone, cooling refractory material in said cooling zone by indirect heat exchange with liquid hydrocarbons and with water and transferring the cooled refractory material to said quenching zone, transferring liquid hydrocarbons heated by indirect heat exchange with hot granules in said cooling zone to said reaction zone for contact with granular material therein as aforesaid and transferring water heated by indirect heat exchange with hot granules in said cooling zone to said reaction zone for contact with granular material therein as aforesaid.

2,448,923
CASKET AND METHOD OF MAKING THE SAME
Max Skolnik, Chicago, Ill.
Application June 5, 1944, Serial No. 538,835
6 Claims. (Cl. 27—3)

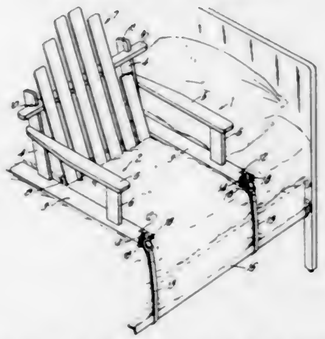
4. A casket comprising a shell formed of a laminated sheet material composed of an outer sheet of felt paper impregnated with a high melting point pitch, an inner shell of unimpregnated paper and an intermediate layer of high melting point pitch binding the sheets of paper together,

a stiffening body secured to the interior of the shell, and a layer of magnesium oxychloride ce-



ment adhered to the outer face of the shell and forming a smooth hard paint base.

2,448,924
BED REST
Warren R. Smith, Crown Point, N. Y.
Application May 30, 1945, Serial No. 596,745
5 Claims. (Cl. 5—327)



1. A device of the character described comprising a substantially rigid element adapted to form a back support with its bottom resting on the surface of a bed, and two elements entirely separate and disconnected from each other and from said back support element adapted to form chair-like side arms; each of said side arm elements having an upstanding member rigidly attached thereto at the back thereof, and said back support element having a transverse member provided with notches therein adapted to engage the upstanding members of said side arm elements to form a chair-like assembly and to slide up and down on said members to vary the inclination of said back support.

2,448,925
MOTOR SYSTEM USING VOLTAGE REGULATING TRANSFORMER
Joseph G. Sola, River Forest, Ill., assignor, by mesne assignments, to Chicago Title and Trust Company, Chicago, Ill., a corporation of Illinois, trustee
Application March 21, 1946, Serial No. 655,963
8 Claims. (Cl. 318—389)



1. In a motor control system for energizing a motor from a transformer incapable of supplying the inrush starting current required by said motor but capable under normal loading of providing substantially constant secondary voltage over a wide range of variations in the primary voltage, the combination of means providing a primary energizing circuit for said motor including the primary winding of said transformer and a pair of contacts operable to open and close said circuit, means permanently connecting said motor to the secondary winding of said transformer to provide a secondary energizing circuit, means responsive to the sum of the voltages across said primary and secondary circuits when said motor is at a standstill for closing said contacts to effect starting and acceleration of said motor from said primary circuit, and means responsive to the current in said primary circuit for maintaining said contacts closed until said motor attains a predetermined speed, said voltage and current-responsive means being ineffective to maintain said contacts closed when said motor attains said speed, whereby upon opening of said contacts said motor is energized solely from said secondary energizing circuit.

2,448,926
PREFABRICATED DOUBLE WALL STRUCTURE
Emmet G. Stack, Marshfield, Oreg.
Application October 8, 1943, Serial No. 505,565
1 Claim. (Cl. 20—2)

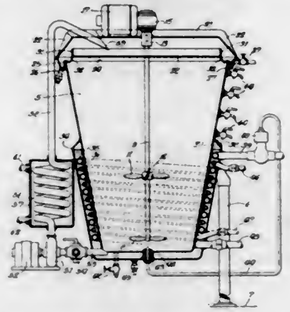


In a curved double wall structure, adjacent panels having adjacent ribs each including two courses of boards glued together side by side, one course being of greater width than the other and each course built up of short sections disposed end to end, those in one course overlapping those in the other to break joint therewith, each panel also having an outer covering secured to the outer face of its mentioned rib and an inner lining secured to the opposite face thereof with the narrow course of the rib forming a spacer between said lining and the covering, and means to secure together the wide courses of adjacent ribs.

2,448,927
METHOD OF AND APPARATUS FOR PROCESSING YEAST
Albert M. Fischer, Chicago, Ill., assignor of forty per cent to John E. Mistarz, Chicago, Ill.
Application June 19, 1942, Serial No. 447,660
13 Claims. (Cl. 195—134)

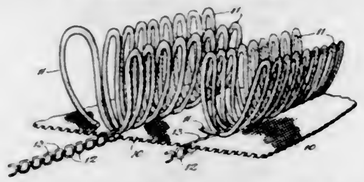
1. The method of treating brewers pitching yeast which comprises rotating a batch of such yeast substantially horizontally in a stationary conically tapered treatment tank having its large end uppermost, so as to produce a slower rate of rotation of the yeast-water mixture on the top level than on the lower levels in close proximity to the agitator, whereby all impurities throughout the body of the mixture, including those in contact with the side walls of the tank, which are of lighter specific gravity than that of healthy yeast cells are caused to flow to the surface and to move outwardly under centrifugal force, and then causing these impurities to be discharged from the upper portion of said conical tank by in-flowing water into the lower portion of said tank.

13. In apparatus for treating brewers pitching yeast, the combination of a stationary tank of conical taper with its axis vertically disposed and having its smaller diameter at the bottom, said tank adapted to contain a batch of yeast-water mixture, power driven agitator means in the lower portion of said tank imparting horizontal rotary motion to the entire batch of yeast and water within the tank at a velocity tending to cause impurities of lighter specific gravity than healthy yeast cells to move outwardly under centrifugal force and to flow to the surface, the conical shape of said tank causing the upper level of the batch to have a slower rate of rotation than lower levels thereof, said tank having relatively smooth in-



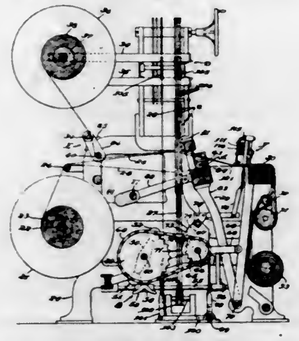
ner walls whereby such impurities as are impelled outwardly into contact with said walls below the surface will be deflected upwardly toward the surface a spill edge adjacent the upper portion of said tank over which said impurities are adapted to be discharged, a valve controlled water inlet pipe for introducing water into the lower portion of the tank without disturbing the rotary motion of the batch for controlling the level of the batch so as to govern the rate of spill over said spill edge, a screen disposed above said spill edge of the tank, and circulating means including a pump for drawing the yeast-water mixture from said tank and discharging it up over said screen for precipitation down through said screen back to said tank.

2,448,928
RUG
William F. Stahl, Kenilworth, Ill., assignor, by direct and mesne assignments, to Libertyville Textiles, Inc., Libertyville, Ill., a corporation of Illinois
Application September 28, 1945, Serial No. 619,133
3 Claims. (Cl. 2—278)



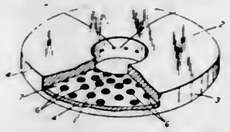
1. A rug, comprising a finished fabric base, pile warp threads forming loops, and stitching threads extending through the base and around the lower portions of the loops to secure them to the base, said stitching threads being covered with a resilient material which yields upon the pulling of the loops.

2,448,929
LOOM
Robert E. Walliser, Libertyville, Ill., assignor, by mesne assignments, to Libertyville Textiles, Inc., Libertyville, Ill., a corporation of Illinois
Application February 24, 1945, Serial No. 579,537
5 Claims. (Cl. 139—38)



1. In a loom of the character set forth, equipped with means for advancing ground warp and pile warp threads, means for raising and lowering said ground warp and pile warp threads, and with shuttle means for periodically weaving a weft thread between said warp threads, a plurality of needles mounted for movement in vertical planes always parallel with vertical planes passing through said warp threads, said needles being also mounted for turning movement, said needles being provided with hooked ends, means for rotating said needles when said pile warp threads are raised to bring said hooks into a position behind a plurality of pile warp threads, and means for advancing said needles as said pile warp threads are lowered to form a loop in each of said pile warp threads.

2,448,930
POROUS FILTER
Edward Arthur Stokes, Guildford, England, assignor to Vokes Limited, Guildford, England
Application November 13, 1944, Serial No. 563,236
In Great Britain December 15, 1943
3 Claims. (Cl. 210—205)

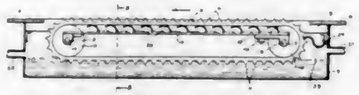


1. A method of forming a hollow filtering element which includes inserting a suitable foraminated spacing layer between two layers of ceramic material in plastic state, moulding the element with the spacing layer in position so as to produce a filling of the interstices in the spacing layer of the plastic ceramic material integral with that of the two layers and removing the filling layer by heat.

2,448,931
SELF-CLEANING DOOR MAT
Carl O. Swanson, Minneapolis, Minn.
Application November 30, 1944, Serial No. 565,873
8 Claims. (Cl. 15—97)

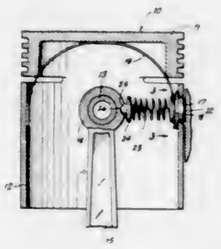
1. A self-cleaning door mat comprising a frame set in a floor substantially flush with the surface

thereof, said frame comprising spaced parallel, pedestrian supporting bars, a series of endless power actuated belts stretched over rollers below the floor surface and having their upper runs extending between said bars, said belts having integrally formed lugs adapted to project above the level of the upper edges of the bars to clean



pedestrian shoes, a receptacle under and substantially coextensive with the length of the frame, fluid supply means to the receptacle for washing the belts and lugs as the belts travel their under runs between said rollers, and means for wiping surfaces of the belts and lugs after they have been washed and before they return to shoe cleaning elevation.

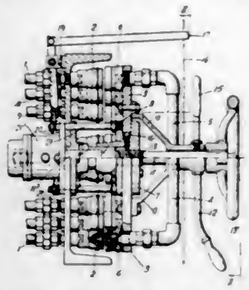
2,448,932
PISTON DEVICE
Charles M. Thomas, St. Louis, Mo.
Application May 5, 1945, Serial No. 592,121
14 Claims. (Cl. 309—5)



1. In a device for taking up lost motion in pistons operating within cylinders, a sleeve adapted to be inserted in an opening through the piston wall, projections on the outside of the sleeve for engagement with the inner surface of the piston to delimit outward movement of the sleeve relative to the piston, and a wear block slidably supported within the sleeve, said wear block being of less thickness than the axial length of the sleeve, whereby the sleeve and the wear block form a spring receiving pocket on the inner portion of the device.

2,448,933
CHANGE-OVER MECHANISM FOR FLUID-FLOW SYSTEMS
Percival Edward Thomas, London, England, assignor to Sterling Industries Limited, London, England
Application January 20, 1947, Serial No. 722,981
In Great Britain February 5, 1946
10 Claims. (Cl. 284—1)

1. A fluid flow change over device comprising a plurality of supports one carrying at least one self-closing valve terminating a fluid flow line and the other carrying a plurality of self-closing valves terminating respectively different flow lines and means to move the supports relatively to one another to bring the self-closing valves



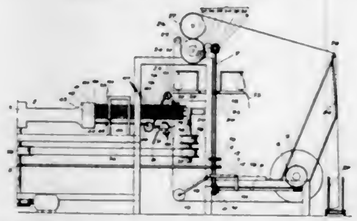
respectively on them selectively into opening fluid flow co-operation.

2,448,934
SLITTING MACHINE
Henry E. Van Derhoef, Rochester, N. Y., and Malcolm P. Davis, Sarasota, Fla., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application April 15, 1946, Serial No. 662,172
4 Claims. (Cl. 164—61)



1. A slitting machine comprising, in combination, a support, a track carried thereby, a carriage movably mounted on the track, a roller carried by the carriage, a shaft, a slitting knife positioned coaxially of the roller and on the shaft, a stub shaft carried by the carriage, a slitting knife carried thereby, there being axial play in the stub shaft, helical meshing gears positioned one on the shaft coaxially with the roller and the other on the stub shaft to exert an end thrust on said stub shaft to operably engage the knife on the stub shaft with the knife coaxially mounted with respect to the roller.

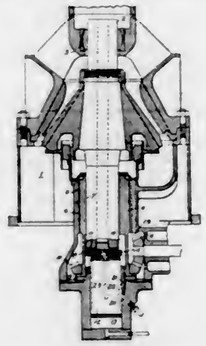
2,448,935
SECTIONAL WEAVING LOOM
Pierre Georges Emile Auguste Vanlaer, Le Cannet-Rocheville, Alpes-Maritimes, France
Application December 13, 1946, Serial No. 716,053
In France October 15, 1946
9 Claims. (Cl. 139—18)



1. A sectional weaving loom with centrifugal weft drive comprising a central rotor, a number

of vertical warps, disposed tangentially to said rotor, rows of cams adjustably mounted on said rotor and adapted to shift the warp yarns and form the shed successively in each section; a horizontal impeller plate revolving at high speed for each section, travellers shot through the shed by a centrifugal effect produced by said impeller plates, means for guiding each traveller of one impeller plate to the impeller plate of the following section through the shed and means whereby the said travellers draw the weft yarns, pick by pick, between the warp yarns.

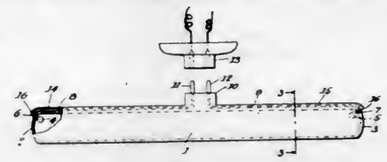
2,448,936
STEP BEARING FOR GYRATORY CRUSHERS
Claiborne C. Van Zandt, Oconomowoc, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application June 8, 1944, Serial No. 539,294
8 Claims. (Cl. 241—215)



1. In a gyratory crusher of the type having an axially slidable main shaft member with its lowed end gyrated about an axis of gyration by a gyrating mechanism and supported by a step bearing having an upwardly spherically surfaced laterally movable step washer member supported in thrust bearing relation on a substantially flat upper bearing surface of a step member, pressure lubricating and cooling means for said step bearing, comprising means forming a continuous passage for supply of lubricant under pressure from the frame of the crusher through the upper bearing surface of said step member directly to the space within the inner opening of said step washer member, and a plurality of ducts fully walled in by and extending through the body of said washer member from said inner opening outwardly in angularly spaced radiating relation and opening through the periphery of said washer member, said ducts serving to conduct cooling and lubricating fluid in heat transferring relation to the bearing surfaces of said washer member to cool said washer and lubricate the shaft gyrating mechanism.

2,448,937
NEON LIGHT
George L. Walter, Los Angeles, Calif.
Application July 3, 1945, Serial No. 602,980
2 Claims. (Cl. 176—126)

1. A neon light comprising a tube closed at its ends, electrodes within said tube adjacent the ends thereof, electric conductors lying along the outer side of the wall of said tube and extending at their outer ends through the outer ends of said tube to said electrodes, respectively, a plug intermediate the ends of said tube including a pair of prong contacts, to which contacts the



inner ends of said conductors are connected, respectively, said tube being formed of glass, and the glass being cast over said conductors for sealing the same in the glass to prevent escape of gas from the ends of said tube past said electrodes.

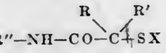
2,448,938
SANITARY PROTECTIVE APPLIANCE
Anthony Wayne, New York, N. Y.
Application September 25, 1945, Serial No. 618,466
1 Claim. (Cl. 128—285)



A protective appliance comprised of a shield and a hollow fingerlike element, the fingerlike element being foldable in accordion fashion and positioned on and joined to the face of the shield, the shield being formed with an opening into the fingerlike element and provided with an adhesive coating on its rear face said shield being formed with an integral non-adhesive lip or extension and a removable gauze cover over the adhesive coating, the said cover having an integral non-adhesive lip coextensive with said first lip suitable for gripping to facilitate the removal of the cover and the exposure of the adhesive coating, and said fingerlike element being collapsible against the face of said shield.

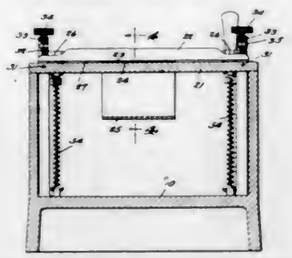
2,448,939
THIOGLYCOLIC AMIDE COUPLERS
Arnold Weissberger, Charles J. Kibler, and Richard V. Young, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application June 10, 1944, Serial No. 539,780
19 Claims. (Cl. 95—6)

1. The method of producing a colored photographic image in a silver halide emulsion layer which comprises incorporating in said layer a metallic salt of a coupler compound having the formula:



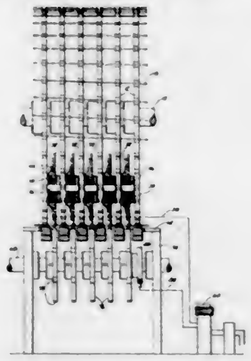
where R'' is selected from the class consisting of 2-hydroxy mononuclear aryl radicals, 5-hydroxynaphthyl radicals, 1-benzoyl acetanilido radicals, acetoacetylanilido radicals, omega-cyano acetophenone radicals, and 3-(1-phenyl-5-pyrazolone) radicals, R and R' are selected from the class consisting of hydrogen and alkyl groups, and X is selected from the class consisting of hydrogen and acetyl groups, exposing said layer and developing it with a primary aromatic amino developing agent.

2,448,940
MACHINE FOR MAKING PROTECTIVE SLEEVES
Robert Young Whittemore, Burlington, N. C., assignor to A. J. Whittemore & Sons, Inc., Burlington, N. C.
Application January 30, 1946, Serial No. 644,260
4 Claims. (Cl. 154—42)



1. A device for forming a sheet of material into a protective sleeve with the opposite ends of the sheet being beveled, comprising a frame, a longitudinal bar mounted on the frame, a clamp pivotally mounted at each side of the frame and having an inner free edge adapted to retain the beveled ends of the sheet in overlapped position after one of said ends has had an application of cement, a second bar resting on the overlapped ends, a U-shaped member pivoted on each end of the first-mentioned bar and swingable over an adjacent end of the second bar and means carried by each U-shaped member for applying pressure on the second bar, whereby to cause the second bar to press the overlapped ends of the sheet of material against the longitudinal bar.

2,448,941
METHOD FOR FABRICATING WELDED WIRE FABRIC
Theodore Harry Wickwire, Jr., Ardmore, Pa., assignor to Theodore H. Wickwire, Jr., Sophie H. Wickwire, Roma A. Wickwire, and Hedge Wickwire, co-partners doing business as Theowick Company, Philadelphia, Pa.
Original application June 18, 1943, Serial No. 491,270, now Patent No. 2,410,766, dated November 5, 1946. Divided and this application June 25, 1945, Serial No. 601,400
4 Claims. (Cl. 140—112)

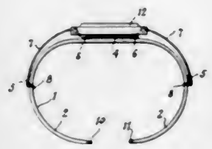


1. That improvement in the art of manufacturing welded wire fabric which includes continuously and simultaneously moving a plurality of wire strands, successively placing transverse wires across said strands, and electrically welding the transverse wires in succession by successively welding each transverse wire to each of the different wire strands.

2,448,942
ALKYLATION OF PHENOLIC COMPOUNDS
De Loss E. Winkler and Robert H. Mortimer, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application May 9, 1944, Serial No. 534,816
13 Claims. (Cl. 260—621)

13. A process for the alkylation of a phenolic compound containing at least one hydrogen atom attached to the aromatic nucleus which comprises reacting in the vapor phase the phenolic compound with a member of the group consisting of the saturated aliphatic alcohols and the saturated aliphatic ethers in a mole ratio of about 1:3 to about 1:5 at a pressure of at least about 10 atmospheres but below about 100 atmospheres in the presence of a catalyst comprising an activated alumina.

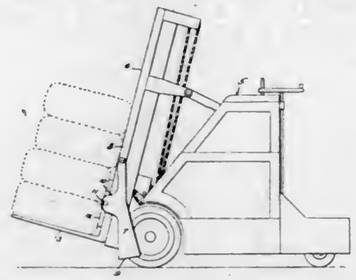
2,448,943
WRIST WATCH BAND
Ivan Wolff, New York, N. Y.
Application June 29, 1945, Serial No. 602,192
6 Claims. (Cl. 224—4)



4. In a wrist band of the character described, a C-shaped band of stiff but springy material, a pair of strap members provided with loops at their ends, an expansible spring located between the strap members and having its ends attached to a loop at one end of each of the straps, a ring in the loop at the other end of each of the straps, said rings fitting around the band, shoulders on the band for limiting the movement of the rings toward the center of the band, and a watch engaged by the straps and held thereby against the outer face of the band.

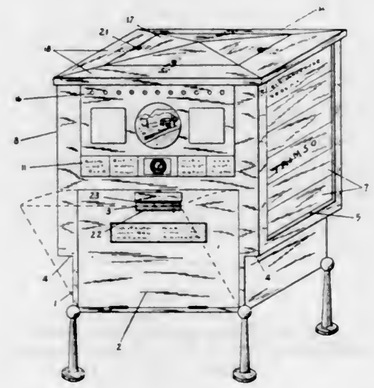
2,448,944
UNLOADING DEVICE FOR MOBILE TRACTORS
Robert L. Woodward, Jr., Nashville, Tenn.
Application May 23, 1946, Serial No. 671,781
4 Claims. (Cl. 214—82)

1. The combination with a pivoted load carrier of a mobile tractor, of an unloading mechanism embodying arms pivotally connected to the load carrier and adapted to contact the floor surface below the load carrier, a pusher plate secured to the arms and adapted to engage the load, moving the load from the load carrier, as the load carrier is lowered and the arms moved into contact with



the floor surface, during the backing of the tractor.

2,448,945
COMBINED MAILBOX AND ILLUMINATED SIGN
Erhard Zacharias, New York, N. Y., assignor to Postal Advertising Corporation, New York, N. Y., a corporation of New York
Application June 22, 1944, Serial No. 541,530
2 Claims. (Cl. 40—132)

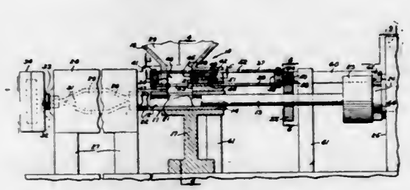


1. A combined postal mailbox and advertising device consisting of, first, a mailbox of usual shape, comprising a container for mail; second, compartments provided outside of said mailbox adjacent to the four side walls of the same; two of said compartments being formed partly by walls of the mailbox and partly by frames integral with said mailbox and formed by extensions projecting laterally and upwardly from two opposite side walls of the mailbox; third, of exchangeable advertising panels removably inserted in said compartments, said panels being preferably transparent to be illuminated by appropriate means placed in said compartments; fourth, a detachable hood covering the mailbox and all the compartments surrounding said mailbox, said hood being provided with doors, each of them situated in the path of one of the compartments carrying the exchangeable advertising panels, thereby permitting easy exchange of the same.

2,448,946
METHOD FOR INSOLUBILIZING HYDROLYZED ETHYLENE VINYL ESTER POLYMERS
Witty L. Alderson, Jr., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 20, 1944, Serial No. 541,269
5 Claims. (Cl. 260—86)

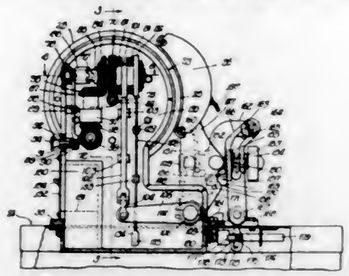
1. A process which comprises blending an organic solvent soluble completely hydrolyzed ethylene-vinyl ester polymer, in which the ratio of ethylene/vinyl organic ester is greater than 2.5:1, with from 2% to 25% by weight of said polymer of a compound selected from the group consisting of acyl peroxides and inorganic peroxides, and then heating the blend at a temperature of from 100° C. to 200° C. until said polymer becomes insoluble in organic solvent in which it was initially soluble, said polymer being that obtained by hydrolyzing the copolymerization product of ethylene and a vinyl alcohol ester of a saturated aliphatic monocarboxylic acid.

2,448,947
INJECTION MOLDING APPARATUS
Harry J. Arthur, Chicago, and Harrell S. McCrory, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application April 4, 1945, Serial No. 586,462
7 Claims. (Cl. 18—30)



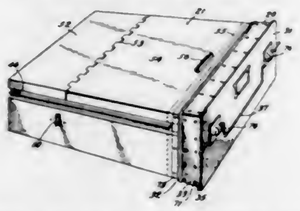
7. In an injection apparatus, a horizontal injection cylinder having an inlet, an injection plunger reciprocatable therein, a compound supply hopper having the outlet in spaced vertical alignment with an inlet of said cylinder, means including spaced vertical walls providing a passage between said outlet and inlet, a pair of spaced upper and lower slides having offset openings and reciprocatable as a unit on said means and spanning said passage, said slides and spaced vertical walls forming a chamber for receiving metered charges of compound from said hopper, an adjustable member in said means and between said slides forming one wall of said chamber for varying the normal capacity thereof, and an operative connection between said plunger and said slides for moving said slides during an advance of said plunger to variably uncover the opening in said upper slide to permit a metered charge of compound to be received in said chamber from said hopper while maintaining the bottom of said chamber closed by said lower slide, the volume of such charge depending on the degree of uncovering of said upper slide opening and controlled by the distance the plunger has advanced, the opening in said lower slide being positioned to open the chamber to the inlet of said cylinder during the retraction of said plunger after the upper slide has closed the hopper outlet.

2,448,948
IRONING MACHINE
Henry H. Babcock, Oak Park, Ill., assignor, by mesne assignments, to Conlon-Moore Corporation, Cicero, Ill., a corporation of Delaware
Application June 19, 1944, Serial No. 540,907
15 Claims. (Cl. 38—61)



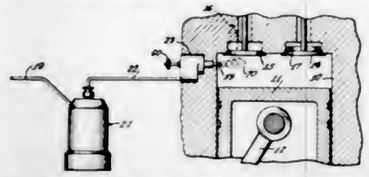
6. In an ironing machine, a gear housing, a motor secured to said housing, a roll extending about and housing said motor mounted for rotation about a fixed axis, a main drive shaft substantially coaxial with the shaft of said motor driven thereby and extending into said gear housing, a countershaft substantially perpendicular to and driven by said main shaft, a roll drive shaft, means for optionally establishing driving connection between said countershaft and said roll drive shaft, a cooperating shoe movable to and from said roll, a rockably mounted shoe operating shaft, a sleeve loose on said countershaft comprising an eccentric, half-revolution clutch means for clutching and declutching said countershaft to and from said sleeve, and operating connections between said eccentric and said shoe operating shaft.

2,448,949
DRAWER FOR REFRIGERATED LOCKERS
William McKinley Baird, Chicago, Ill.
(Original application March 22, 1944, Serial No. 527,581. Divided and this application March 26, 1947, Serial No. 737,197
1 Claim. (Cl. 62—89)



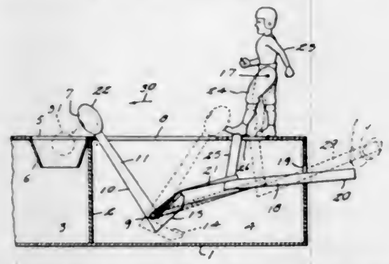
A drawer for refrigerated lockers cooled by forced circulation of air comprising a front head portion having a pair of rearwardly extending fixed angle members, a rear imperforate container portion having a pair of fixed extensions extending forwardly beyond said container portion, the forward portions of said extensions contacting the rear portions of said angle members and leaving a space between said container portion and said front head portion for the downward passage of the forced air therethrough for cooling the front of said container portion, and means extending through said extensions and said angle members for rigidly attaching said container portion to said front head portion.

2,448,950
INTERNAL-COMBUSTION ENGINE AND METHOD OF OPERATING
Everett M. Barber, Wappingers Falls, and Jay B. Malin, Fishkill, N. Y., assignors, by mesne assignments, to The Texas Company, New York, N. Y., a corporation of Delaware
Application December 14, 1944, Serial No. 568,138
4 Claims. (Cl. 123—32)



1. In the operation of an internal combustion engine, wherein air containing insufficient fuel to support combustion is introduced into the cylinder combustion space and compressed therein, fuel is injected into a localized portion of the compressed air, the combustible fuel vapor-air mixture produced from said first increment of injected fuel is spark ignited substantially as soon as formed to establish a flame front, and the injection of fuel is continued after ignition while the locus of fuel injection and the compressed air are moved relatively to each other in an orderly manner during the period of fuel injection to thereby progressively impregnate with fuel fresh localized portions of the compressed air to form additional quantities of combustible fuel vapor-air mixture which are ignited by the flame and burned substantially as soon as formed, the improvement which comprises initiating injection of fuel on each cycle at a rate to impregnate the first increments of air with fuel at fuel-air ratios above the spark ignitible limit to provide for easy ignition of the first increment of injected fuel and the establishment of a flame front, and then decreasing the rate of fuel injection to impregnate succeeding increments of the air at fuel-air ratios below the spark ignitible limit but above the combustible limit, to thereby obtain improved fuel economy.

2,448,951
TOY BANK
Joseph L. Baum, Hartford, Conn.
Application June 6, 1946, Serial No. 674,710
3 Claims. (Cl. 46—4)



1. A toy bank comprising a receptacle formed with a coin receiving opening on the upper surface at one end thereof, an actuating crank having a vertical leg extending above said receptacle and a horizontal leg extending from one end of said receptacle, a pivot for said crank above said upper surface, a second crank having a vertical arm extending above said receptacle and a horizontal arm disposed within said receptacle, a pivot for said second crank within said receptacle engaging said vertical arm, a coin receiving member on the upper end of said vertical arm, a stop plate on the free end of said horizontal arm, a resilient member fixed at one end in said receptacle extending above said stop plate and fixed to a leg of said first crank for biasing the vertical leg toward the vertical arm, whereby said vertical leg may strike the vertical arm after the resilient member has been tensioned and released for rocking said coin receiving member toward the coin receiving opening, said plate engaging said resilient member after initial rocking of said second crank biasing said second crank to the initial position.

2,448,952
METHOD FOR OBTAINING DISPERSIONS OF POLYTETRAFLUOROETHYLENE-ETHYLENE COPOLYMERS
Kenneth L. Berry, Hockessin, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 26, 1945, Serial No. 607,256
2 Claims. (Cl. 260—31.8)

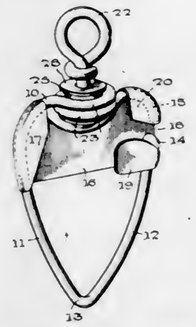
1. A process for obtaining a dispersion of tetrafluoroethylene/ethylene copolymer comprising finely divided particles of said copolymer suspended in a liquid organic medium, said process comprising dissolving tetrafluoroethylene/ethylene copolymer containing combined tetrafluoroethylene in major amount up to 85% by weight of said copolymer in an organic liquid which is heated substantially to its boiling point and which boils above 175° C. and which is a solvent for said copolymer at temperatures above 175° C. and a non-solvent for said copolymer below 175° C., maintaining the temperature of the solution at substantially its boiling point until any water contained in the solution is completely removed, cooling the solution slowly to the temperature of incipient gelation, and then while maintaining the solution at said last mentioned temperature vigorously agitating the solution until precipitation of the copolymer in finely divided form is substantially complete, and until said dispersion of the copolymer in said organic liquid is obtained, said organic liquid boiling above 175° C. being a neutral ester of a saturated dicarboxylic acid containing at least 5 carbon atoms, said ester being free of multiple carbon-to-carbon linkages and containing from 7 to 18 carbon atoms.

2,448,953
DOOR HOLDER
Enoch J. Blackmon, Sherman, Tex.
Application April 5, 1945, Serial No. 586,730
2 Claims. (Cl. 16—66)



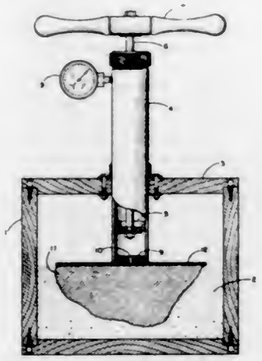
1. A door holder including, a holder member adapted to be secured to a door frame and project horizontally therefrom, a vertically disposed pivot member at the outer end of the holder member spaced from the surface of the door frame and lying in a plane extending through the door hinges vertically to the plane of the door frame, an elongate tubular housing swingably secured at one end to the pivot member and swingable through an arc of approximately 180 degrees thereon, an elongate reciprocating member telescoping the housing and adapted to have its outer end pivotally secured to the free side of a door, a helical coiled tension spring completely enclosed in the housing and surrounding the inner portion of the reciprocating member and having one end secured to the housing adjacent the outer swinging end thereof, a spring connecting and adjusting member threaded onto the inner end of the reciprocating member, the other end of the elongate helical coiled tension spring being secured to said spring connecting member under tension whereby the spring resists further telescopic movement of the reciprocating member into the housing and normally urges the reciprocating member outwardly from within the housing, the connecting member being adjustable on the reciprocating member for adjusting the force exerted by the spring, the pivot element on which the housing is swingably mounted being spaced from the plane of the surface of the door a greater distance than the point of connection of the outer end of the reciprocating member with said door when the door is in the closed position, whereby the force of the tension spring is applied to the reciprocating member to normally urge the door toward closed position, and whereby the tension spring acts upon the reciprocating member to urge the door toward further open position when the door is swung open through an arc in excess of 90 degrees, the reciprocating member being movable freely with respect to the housing to permit the door to swing through an arc of approximately 180 degrees.

2,448,954
FISHING LINE SWIVEL
Channing M. Brown, El Paso, Tex.
Application November 17, 1944, Serial No. 563,924
6 Claims. (Cl. 43—28)



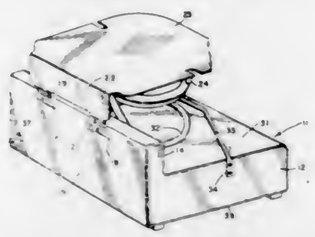
6. In a fishing line swivel, a length of wire in the form of a loop having end portions of different width and side portions converging from the wider end to the opposite end with the ends of the wire spaced apart to form an entrance to said loop at the side and adjacent said wider end of the loop, that portion of the wire constituting the wider end having an open coil therein to form a circular opening in substantial alinement with the converging end of the loop, a cylindrical sleeve rotatable in said circular opening, means for limiting movement of the sleeve axially of said opening, an eye-member swiveled in said sleeve, and a plate extending across said loop, said plate spanning said entrance and having reversely bent edge portions engaged around said wider end of the loop at opposite sides of said coiled portion and around the sides of said loop.

2,448,955
METHOD AND APPARATUS FOR MEASURING PERMEABILITY
William A. Bruce, Tulsa, Okla., assignor to Standard Oil Development Company, a corporation of Delaware
Application June 1, 1945, Serial No. 597,016
2 Claims. (Cl. 73—38)



1. A method for determining the permeability of a rock core from a fragment thereof which comprises selecting a fragment of said core of irregular configuration having at least one substantially flat face, arranging said fragment in a bed of loose particles with said substantially flat face exposed, building up a vacuum on said substantially flat face and observing the rate at which said vacuum is dissipated.

2,448,956
ELECTRIC PORTABLE STOVE
Edmund J. Christensen, Chicago, Ill.
Application August 22, 1946, Serial No. 692,357
2 Claims. (Cl. 219—37)



1. In a portable electric heating apparatus, a rectangular base structure affording a vertically projecting back bar, a rod type heating spiral having a plurality of heat elements and terminal wires extending into said back bar and obtaining electrical source connection therethrough, a supporting bail transverse of said base and anchored to side walls thereof in space relation to a floor panel of said base, and a reflector shelf having severable connection with the rear portion of said vertically projecting back bar and horizontally disposed above said heating element so as to reflect radiant heat downwardly while simultaneously affording lateral support to devices to be heated convectionally.

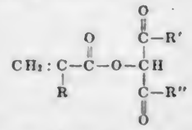
2,448,957
KNIFE HAVING REPLACEABLE BLADES
Joseph Ciarlone, Fitchburg, Mass.
Application June 24, 1947, Serial No. 756,593
2 Claims. (Cl. 30—329)



1. A knife having removable and replaceable blades comprising a blade holder of thin elongated form, a handle thereon, the holder having a slot along a narrow edge thereof, a flat pin on the holder and traversing the slot, and a thin flexible blade having a substantially circular opening at one end, said opening having a neck just receivable on the pin in edgewise condition relative thereto, the blade being pivotable on the pin down into the slot and the slot having a width to frictionally grip and hold the blade.

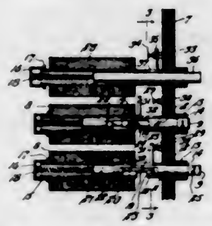
2,448,958
DIKETO ACRYLATES
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application December 8, 1945, Serial No. 633,879
3 Claims. (Cl. 260—486)

1. The acrylic acid and substituted acrylic acid esters having the general formula



where R is selected from the group consisting of hydrogen, chlorine, and methyl and ethyl radicals and R' and R'' are selected from the group consisting of alkyl and aryl radicals.

2,448,959
SOLENOID WITH PLUNGER AND LATCH
David Conlan, Brooklyn, N. Y., assignor to Conlan Electric Corporation, Brooklyn, N. Y., a corporation of New York
Application February 27, 1945, Serial No. 580,007
4 Claims. (Cl. 175—341)

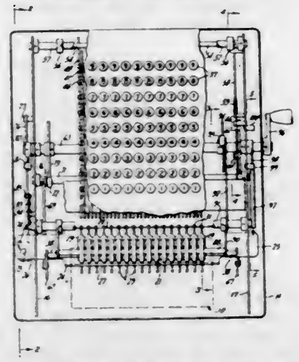


1. Apparatus of the character disclosed comprising a tubular support, a solenoid winding about the same, a solenoid plunger operable in said tubular support, a magnetic latch pivoted on said plunger, an abutment on the tubular support engageable by the end of said pivoted latch to hold the plunger in retracted relation, a spring confined in said tubular support in back of said plunger for projecting the latter when the latch is released and means for limiting the projecting movement of the plunger.

2,448,960
METHOD OF MAKING A HYDROCARBON CONVERSION CATALYST
Gerald C. Connolly, Baton Rouge, La., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 2, 1942, Serial No. 460,484
3 Claims. (Cl. 252—250)

1. Process of preparing a catalyst adapted for the conversion of hydrocarbon oils, which comprises intimately mixing solid aluminum hydrate with a gelatinous hydrous oxide of silicon and with sulfuric acid, thereafter drying the acid-treated mixture to an extent sufficient only to concentrate the acid substantially and to form aluminum sulfate, adding a volatile base to the partially dried mixture, and thereafter washing and drying the resulting product.

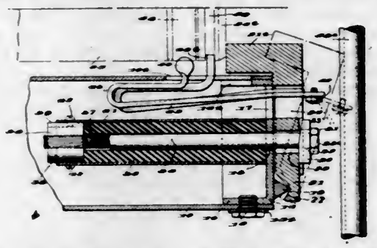
2,448,961
KEY PUNCH
Lester L. Curtis, Newark, N. J., assignor to The McBee Company, Athens, Ohio, a corporation of Ohio
Application January 18, 1947, Serial No. 722,790
20 Claims. (Cl. 164—112)



1. Apparatus for notching a card or the like provided with perforations disposed in parallel adjacency to its edge comprising a support for such card, punch and die means, key operated means for selectively determining the positioning of said punch and die means with respect to the perforations of a card on said support, means for actuating said punch and die means to notch a card on said support to selected perforations, and means for relatively shifting said punch and die means and said support a distance substantially equaling the center to center distance between adjacent card perforations.

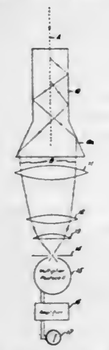
2,448,962
ROCKET STOP ASSEMBLY
Walter H. D'Ardenne, Jenkintown Manor, Pa., assignor to Heintz Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 25, 1946, Serial No. 699,298
14 Claims. (Cl. 89—1.7)

1. A rocket stop assembly for muzzle loading electrically fired rocket launchers comprising a resiliently mounted rocket stop member adapted to be positioned near the rear end of the



launcher, and means mounted on said member for making electrical firing contact with a rocket in firing position in said launcher.

2,448,963
DETECTION OF HIGH-SPEED CHARGED PARTICLES
Robert H. Dicke, Princeton, N. J.
Application May 19, 1947, Serial No. 749,109
2 Claims. (Cl. 250—83.3)



2. Apparatus for detecting high speed charged particles comprising a rod of transparent, optically isotropic, dielectric material having an end portion conically expanded at an angle to the longitudinal axis of the cell determined by the relation

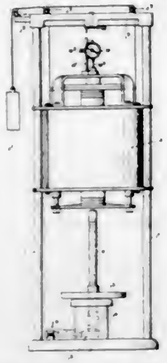
$$\cos 2\phi = 1/\beta\, n$$

wherein ϕ is the angle, β is the ratio of the speed of the particle to the speed of light and n is the index of refraction of the dielectric material, a photocell, means for directing light emitted from the expanded end portion of the rod upon the photocell, and means for registering impulses generated in the photocell.

2,448,964
APPARATUS FOR TESTING MOLDING SAND
Harry W. Dietert, Detroit, Mich.
Application April 10, 1944, Serial No. 530,404
3 Claims. (Cl. 73—16)

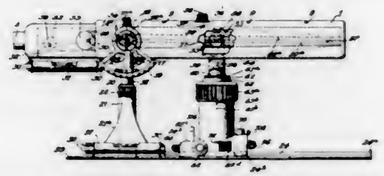
1. In an apparatus for testing the expansion of compacted molding sand when heated, an electric furnace having a tubular resistor for forming therein a heating chamber, a refractory tube extending downward from the upper end of said furnace into said heating chamber, a refractory rod slidable within said tube and forming with its lower end an abutment for the compacted sample to be tested, a spring sleeved upon

said rod with its upper end engaging a collar thereon, said spring being located within a recess in said tube and abutting against a shoulder of said tube for counterbalancing the weight of said rod, a gage mounted on said furnace in operative relation to the upper end of said rod to measure the displacement thereof, a second refractory rod extending upward within said



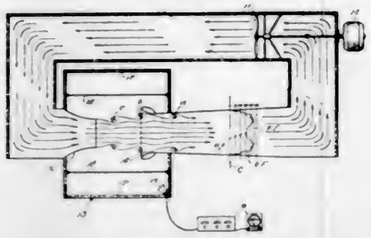
heating chamber and forming an opposite abutment for the sample to be tested, an open-ended refractory tube in which the sample is compacted telescopically engaging said refractory rods, and means for supporting said furnace for relative movement with respect to said second refractory rod to afford access to the open ended refractory tube containing the sample.

2,448,965
AUTOMATIC RECORDING STADIA INSTRUMENT
Donald H. Drayer, Brookmont, Md.
Application September 9, 1943, Serial No. 501,705
18 Claims. (Cl. 346—2)



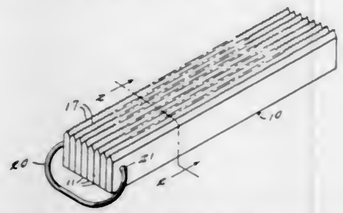
14. In an instrument of the class described, an assembly having a base with a plane under surface adapted to be supported upon a plane horizontal supporting surface capable of receiving indicia thereon, an optical system in the said instrument having an optical axis and fiducial element therein movable relative to said axis so as to be alignable in conformity with the apparent position of a distant object viewed by the said optical system, printing means, means to modify the position of the said fiducial element relative to said axis and printing means, said modifying means also being mechanically linked to said printing means whereby the said printing means will designate a value determined at least in part by the position of the said fiducial element, said printing means being supported above the said supporting surface and movable relative thereto and into engagement therewith to print thereon indicia indicative at least in part of position of said fiducial element within the said optical system.

2,448,966
CONTROL OF VORTEX FLOW BY PRESSURE WAVES
Elisha N. Fales, Washington, D. C.
Application November 19, 1941, Serial No. 419,809
8 Claims. (Cl. 73—147)



1. The method of reducing the intensity of vortices in fluid flowing under such conditions that vortices are formed, comprising causing pressure waves originating in said vortices to impinge upon surfaces so located as to reflect portions of said waves to the point of origin of and in out-of-phase relation to the vortices being formed by the conditions creating such vortices.

2,448,967
BILLIARD CUE TIP FILE
Grigsby J. Fleshman, Oak Hill, W. Va.
Application June 17, 1946, Serial No. 677,315
1 Claim. (Cl. 69—20)

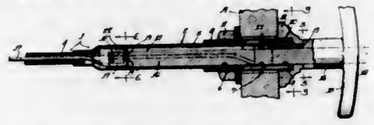


A cue tip file comprising a body comprising a series of longitudinally extending parallel cutting blades, each of said blades having a cutting edge of triangular cross section forming a series of parallel spaced apart longitudinal grooves between each of said blades, said blades formed with triangular teeth along the upper edge thereof, the teeth of adjacent blades being aligned transversely of said body forming a series of transverse longitudinally spaced apart pyramidal teeth on said body, said longitudinal grooves being of a depth greater than the height of said teeth whereby material removed by said teeth may pass freely from said file.

2,448,968
CONTROL DEVICE
George E. Franck, Riverside, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application July 13, 1945, Serial No. 604,898
8 Claims. (Cl. 74—502)

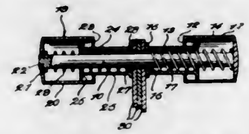
1. A control device comprising a stationary tubular support, an actuator extending through the support and fitted therein so as to be capable of moving lengthwise and turning about its axis relatively thereto, said support containing an eccentrically disposed bore section, a locking block located in said eccentric bore section and

engaged with the side of the actuator, the sides of the actuator and block in engagement with each other being so shaped that the block may remain stationary when the actuator moves lengthwise but must turn with the actuator when



the latter turns, and the parts being so proportioned that when the actuator is in one angular position it can move freely and when it is turned from that position the block binds in the support and locks the actuator.

2,448,969
KEY RETAINER
Roy Bentley French, Superior, W. Va.
Application June 18, 1946, Serial No. 677,559
2 Claims. (Cl. 70—456)



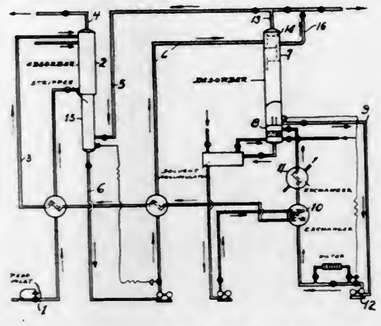
1. A key retainer comprising a bar upon which keys are adapted to be supported, a head at one end of the bar, a keeper detachably secured to the end of the bar opposite the head, a spring pressed plunger encircling the bar and telescopically entering the head and a spring pressed plunger encircling the bar and entering the keeper said plungers engaging opposite sides of one or more keys supported on the bar and holding said keys substantially midway between opposite ends of the bar and cooperating flanges on the head, the keeper and the plungers to limit the movements of the plungers toward one another.

2,448,970
PRESERVING TINNED CRUSTACEAN MEAT
James J. Ganucheau, New Orleans, La., assignor to Southern Shell Fish Company, Inc., New Orleans, La., a corporation of Louisiana
No Drawing. Application March 19, 1946, Serial No. 655,600
4 Claims. (Cl. 99—188)

1. The method of canning the meat of crabs and other crustaceans which consists in depositing the meat in a can, depositing in the can a regulating mixture of a solution of common salt containing disodium phosphate and citric acid to cover the meat in the can, said mixture having a hydrogen-ion concentration between 4 and 6.5 pH, and thereafter sealing the can and subjecting the same to a sterilizing temperature.

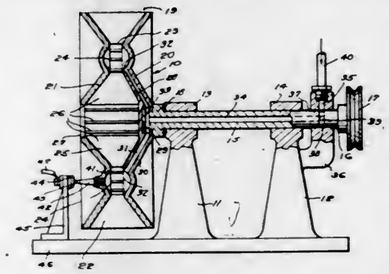
2,448,971
PROCESS FOR STRIPPING IN BUTADIENE EXTRACTION
Richard A. Given, Lake Charles, La., and William S. Craft, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application January 4, 1944, Serial No. 516,930
2 Claims. (Cl. 260—681.5)

1. In a process for the extraction of butadiene from a mixture of hydrocarbons containing both butadiene and butene by means of an ammoniacal cuprous acetate solution in which the ammoniacal cuprous acetate solution containing the dissolved butadiene and butene after it has contacted and has been separated from the said mixture of hydrocarbons is stripped of butene by passing in countercurrent flow to the butadiene, the improvement which comprises heating the stripped ammoniacal cuprous solution to remove and separate a substantial fraction of the dissolved butadiene, passing the heated solution into the top section of a desorber above an upper plate thereof, removing



the butadiene vapor from the top section of the desorber and, recycling this butadiene vapor for said stripping of the ammoniacal cuprous salt solution of the butene, passing the heated stripped ammoniacal cuprous acetate solution after the separation of the first fraction of butadiene down said desorber in countercurrent flow to a second fraction of butadiene obtained by further heating the heated stripped solvent to desorb the remaining fraction of butadiene in a lower part of the desorber below said upper plate of the said desorber, and removing this butadiene as a side stream from the desorber below said upper plate.

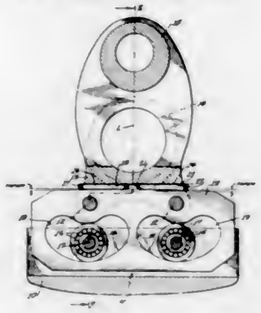
2,448,972
INTERNAL-COMBUSTION ENGINE (TURBINE TYPE)
Edward W. Gizara, Amsterdam, N. Y.
Application October 20, 1944, Serial No. 559,591
3 Claims. (Cl. 60—41)



2. A turbine formed of one piece including a casing, a series of drive vanes, a suction fan, a baffle plate, a shaft and a gas inlet all formed in one single unit, said casing comprising a pair of spaced walls, said vanes connecting said walls, said baffle plate fan and one of said walls being connected, a circular combustion chamber formed by said walls, and surrounding said fan, said

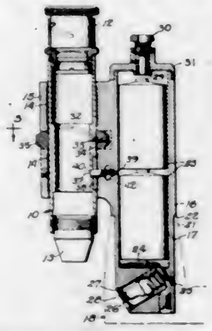
vanes surrounding said combustion chamber, said baffle plate and one of the walls forming a circular gas feed space inlet to the combustion chamber.

2,448,973
DYNAMIC DAMPER SUPPORT
Alfred T. Gregory, Massapequa, and Chester C. De Pew, Farmingdale, N. Y., assignors to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y., a corporation of Maryland
Application February 22, 1945, Serial No. 579,234
5 Claims. (Cl. 74—604)



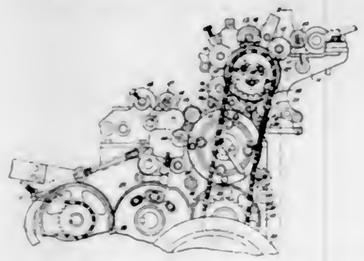
1. In a support for a dynamic damper having an oscillating mass for counteracting torsional vibrations in a shaft, the combination of a radial member on said shaft providing an abutment, a second member carrying the oscillating mass and providing an abutment, at least one fastening element securing said members together with their abutments in opposed relation in said plane, and means interposed between said abutments exerting a substantially constant pressure forcing said members apart.

2,448,974
MICROSCOPE MOUNTING WITH SELF-CONTAINED ILLUMINATOR
Eric S. Guttmann, Burbank, Calif., assignor to Albert S. Polan, E. G. Polan, L. M. Polan, Charles M. Polan, and Lake Polan, Jr., a copartnership doing business as Zenith Optical Company, Huntington, W. Va.
Application August 23, 1945, Serial No. 612,228
3 Claims. (Cl. 88—39)



1. A microscope comprising a b e providing an upstanding tubular projection open at its upper end and having laterally opening windows adjacent the bottom of the base, a hollow post shaped at its lower end to fit into said projection and be supported thereby in upright position while free to turn about its longitudinal axis, an electric lamp in the bottom of said post adapted to direct light laterally through one of said windows when alined with one of the latter, said post being adapted to receive batteries adapted for connection with said lamp, an arm projecting laterally from the upper end portion of said post and having a bore extending vertically therethrough parallel to the post axis, and a microscope having its sleeve projecting slidably through said bore and supported by said arm.

2,448,975
INKER
Charles W. Harrold and Henry F. Meyer, University Heights, Ohio, assignors to Harris-Seybold Company, a corporation of Delaware
Application September 5, 1942, Serial No. 457,494
25 Claims. (Cl. 101—349)



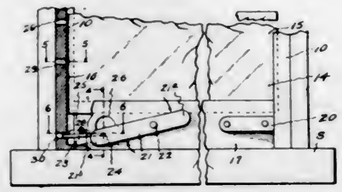
1. In an inker for a printing press, a plurality of parallel vibrating rollers, a gear on each of said rollers, an ink transmitting roller surrounded by said vibrating rollers, means for driving said ink transmitting roller, a wobble gear concentric with said last-named roller meshing with and driving each of said first-named gears, and interengaging means on said wobble gear and each of said first-named gears for reciprocating the vibrating rollers.

2,448,976
POLYMERIZATION OF ALPHA ALKYL STYRENES
Randall G. Heiligmann, Yeadon, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application July 20, 1945, Serial No. 606,294
8 Claims. (Cl. 260—91)

1. A process for polymerizing an alpha alkyl styrene in which the alkyl group contains not more than 3 carbon atoms, which comprises contacting said alpha alkyl styrene with a hydrogenating catalyst and an alkali metal hydrocarbon compound where the alkali metal is directly bonded to a hydrocarbon radical, at a temperature between 50° F. and 300° F. and a pressure between 500 and 2000 lbs. per square inch in the presence of an inert solvent.

2,448,977
WINDOW LIFT AND FASTENER
Albert Hoekstra, San Antonio, Tex.
Application August 25, 1944, Serial No. 551,215
1 Claim. (Cl. 292—66)

A sash fastener comprising a support, a sash lift pivoted on the front surface thereof, said support having a socket formed therein and extending rearwardly from said front surface between the pivot point of said sash lift and the end of said support, said support having a slot formed therein and extending from the base of said socket through said end, said slot having two spaced walls and an inner third wall, a latching member pivoted to one end of said sash lift having a first portion extending through said socket and a second portion integral with



the first portion and at right angles thereto and extending through said slot in a direction parallel to the front surface of said support, and a stop pin extending across said slot between the spaced walls thereof and at a substantial distance greater than the transverse dimension of the latching member from the third wall thereof and serving with said third wall to limit the transverse movement of said second portion of the latching member.

2,448,978
MIXTURE OF HYDROLYZED ETHYLENE-VINYL ESTER COPOLYMER AND N-SUBSTITUTED POLYAMIDE
Fred Wayne Hoover, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 14, 1944, Serial No. 568,195
12 Claims. (Cl. 260—45.2)

1. A composition of matter which on heating is rendered insoluble in organic solvents, said composition consisting of a homogeneous blend comprising an intimate mixture of an N-substituted polyamide and a hydrolyzed ethylene/vinyl ester copolymer in which the vinyl ester is that of a saturated primary monocarboxylic acid, said hydrolyzed copolymer having hydroxyl groups on from 5% to 45% of the carbon atoms in the copolymer chain, said N-substituted polyamide and hydrolyzed copolymer being present in the proportion by weight of from 1:200 parts of the N-substituted polyamide to 200:1 parts of said copolymer, said N-substituted polyamide being a synthetic polymeric linear polycarbonamide of intrinsic viscosity of at least 0.4 which contains amide groups as an integral part of the polymer chain, and in which at least 5% of said amide groups have been converted to groups of the formula

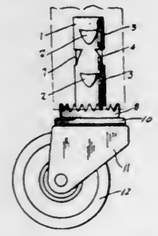


wherein R is the radical of a monohydric alcohol from which a hydroxyl has been removed, the average number of carbon atoms in the segments of the chain separating the amide groups in said N-substituted polyamide being at least two.

2,448,979
PROCESS FOR THE PRODUCTION OF β,β'-DICYANO DIETHYL ETHER
Heinrich Hopff and Wilhelm Rapp, Ludwigshafen-on-Rhine, Germany; vested in the Attorney General of the United States
No Drawing. Application May 23, 1941, Serial No. 394,840. In Germany June 19, 1940
7 Claims. (Cl. 260—465.6)

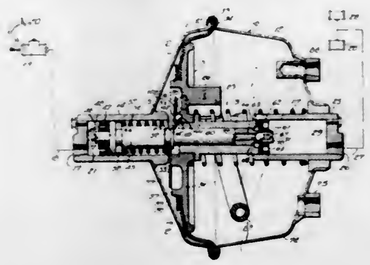
7. Process which comprises reacting two mols of acrylonitrile with one mol of water in the presence of an alkaline catalyst.

2,448,980
STEM AND SOCKET COMBINATION
Richard Leighton Hough, Brantford, Ontario, Canada
Application October 1, 1945, Serial No. 619,551
6 Claims. (Cl. 16—38)



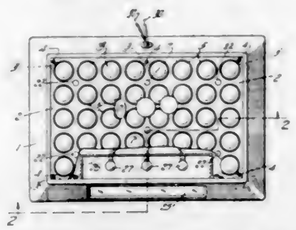
1. For use with a stem having a lug extending from its side, a socket having staggered rows of raised portions on its inner surface extending around the inside of the socket and forming spiral and annular channels therebetween for the passage of the lug.

2,448,981
BOOSTER BRAKE MECHANISM
Jeannot G. Ingres, Richmond, Va., assignor to Empire Electric Brake Company, Newark, N. J., a corporation of New Jersey
Application April 25, 1945, Serial No. 590,233
12 Claims. (Cl. 121—41)



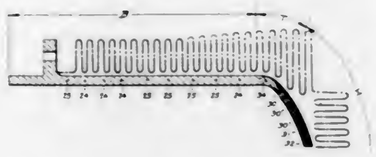
1. A fluid pressure motor comprising a casing having a pressure responsive unit therein, a pair of valves carried by said unit and operable for controlling pressures in said casing, and a plate mounted for bodily movement with said unit and forming an operating lever for said valves, said plate being mounted to rock successively on two axes in its own plane to successively operate said valves to energize said motor.

2,448,982
COIN TRAY
Theodore E. Jensen, Albany, N. Y.
Application April 2, 1946, Serial No. 659,052
8 Claims. (Cl. 177—346)



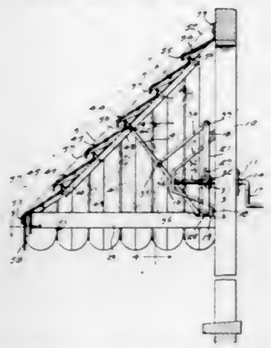
3. A coin tray comprising a casing having a top of electrical conducting material forming the bottom of said tray and provided with a multiplicity of spaced openings therein, depressible buttons formed of electrical conducting material mounted in said openings and projecting substantially above the bottom of said tray, means in said casing comprising comparatively light, easily yielding springs normally holding said buttons projecting above the bottom of said tray, means electrically insulating said tray bottom from said buttons, means electrically connecting said buttons together, and means, including an electrically actuated signal, adapted to be connected to a source of power to form a closed electric circuit when said tray bottom and any of said buttons are electrically connected; the spaces between said buttons being substantial but somewhat less than the diameter of the smallest coin expected to be deposited on said tray; whereby a coin deposited on said tray will be partially supported on the bottom of said tray and partially supported on at least one of said buttons and will electrically connect said button and the bottom of said tray.

2,448,983
ENGINE CYLINDER
Halex Johnson, Jackson Heights, N. Y., assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y., a corporation of Maryland
Application May 2, 1944, Serial No. 533,685
6 Claims. (Cl. 309—2)



2. As an article of manufacture, a one-piece internal combustion engine cylinder part formed of metal, having a substantially uniform chemical composition throughout and comprising a straight-sided tubular barrel portion having substantially the physical characteristics of cast steel, a dome-shaped head portion having substantially the physical characteristics of wrought steel, and an intermediate portion between said barrel and head portions having physical characteristics changing progressively from substantially cast steel adjacent said barrel portion to substantially wrought steel adjacent to said head portion.

2,448,984
AWNING
Edmund Kraus, San Antonio, Tex.
Application May 16, 1945, Serial No. 594,012
5 Claims. (Cl. 20—57.5)



1. In an awning structure having a plurality of intermediately pivoted louvres and a transverse beam pivotally connected to one end of said louvres, actuating means for rocking said louvres, said means comprising an actuating handle having a threaded shank extending through the wall of a building, a support on the outward side of said wall for the support of the outer end of said threaded shank, an arm pivoted at its lower end to said support, cooperating means carried by said shank and said arm for rocking said arm on rotation of said shank, a pivot member pivotally connected at the lower end to said support, a link connecting the upper end of said arm to the upper end of said member, and a forked member pivotally connected at its lower end to said pivot member and pivotally connected at its upper end to said transverse beam intermediate the length thereof.

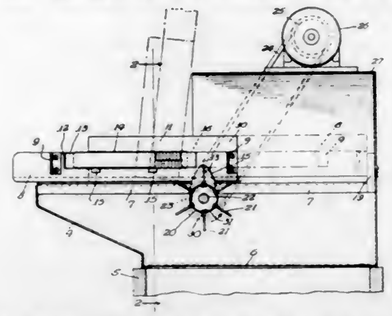
2,448,985
MANUFACTURE OF ABRASIVE PRODUCTS
Joseph N. Kuzmick, Clifton, and De Witt Bell, Fair Lawn, N. J., assignors to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey
No Drawing. Application August 7, 1943, Serial No. 497,851
6 Claims. (Cl. 51—298)

1. The method of making an abrasive product bonded with a phenol-aldehyde synthetic resin modified by a rubber-like synthetic, which consists in making a bond by mixing a phenol-aldehyde resin component in the liquid state with a rubber-like synthetic selected from the group consisting of a partially polymerized chloroprene and a copolymer of butadiene and acrylic-acid nitrile, the rubber-like synthetic being dissolved and swelled by the liquid resin and the rubber-like synthetic acting to modify the bond characteristics of the resin, in mixing said bond with abrasive grains and in then shaping and curing the mix.

2,448,986
COMB DECAPPER
Walter C. Ladwig, Elmhurst, Ill.
Application September 14, 1944, Serial No. 554,133
8 Claims. (Cl. 6—12)

1. A honeycomb decapper comprising a rotatable member with blunt teeth spaced apart and

staggered, a carriage movable over the member, means for loosely supporting a honeycomb frame in the carriage, and projecting means at the

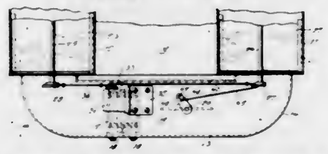


ends of the member for engaging the crosspiece of a frame to lift it in the carriage out of the path of the teeth.

2,448,987
SYNTHETIC DRYING OILS FROM A DITHIOL AND DIVINYLACETYLENE
Carl M. Langkammerer, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 29, 1944, Serial No. 556,487
12 Claims. (Cl. 260—79)

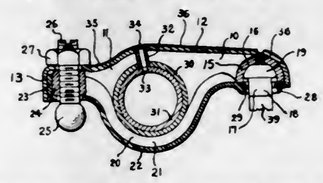
1. A process for preparing a film-forming, air-drying polymeric thio ether which comprises heating at a temperature of from 60° C. to 105° C. reactants comprising one mole of a dithiol and from 0.8 to 1.2 moles of divinylacetylene in the presence of a catalyst and in the presence of a cosolvent for the catalyst and reactants until the dithiol is essentially all combined with the divinylacetylene and until the reaction product has a viscosity of at least one poise at 25° C., and stopping the reaction before gelation takes place, said catalyst being selected from the group consisting of alkali metal hydroxides and alkali metal hydrosulfides.

2,448,988
HEATING SYSTEM
Julius La Raus, Westport, Conn.
Application December 13, 1945, Serial No. 634,840
3 Claims. (Cl. 237—2)



3. A hot air system for the heating of space and domestic hot water, comprising a furnace provided with a burner, and air supply and air return chambers, ducts leading from such chambers for the space heating, dampers in each of said ducts arranged to close the same, and a by-pass duct connecting such chambers, coils for the heating of the domestic hot water within the by-pass duct, a damper arranged to close the by-pass duct, damper closing means arranged to completely close the air supply and return ducts and open the by-pass duct when in one position, and to open the former ducts and substantially close the latter duct when in another position, a thermostat responsive to the temperature in the space to be heated and an Aquastat responsive to the temperature of the domestic hot water, and a circuit controlling operation of the burner and the damper closing means and including the thermostat and the Aquastat, the thermostat being arranged to start burner operation and open the air supply and return duct dampers while closing the by-pass damper, the Aquastat being arranged to close the former dampers and open the latter when the space heating requirements have been satisfied and the domestic water calls for heat.

2,448,989
ENGINE ROCKER ARM
James M. Leake, Monroe, Mich.
Application February 18, 1946, Serial No. 648,327
7 Claims. (Cl. 74—519)



1. An engine rocker arm comprising a central bearing support, an arm member extending in substantially opposite directions therefrom, said arm member comprising an upper inverted U-shaped stamping and a lower U-shaped stamping said upper and lower stampings being telescoped and fused together to form a box section construction, an internally threaded member secured between the side walls of said lower U-shaped stamping at one end thereof, a contacting bearing adjustably secured in said internally threaded member, a concave portion provided in the under side at one end of said upper inverted U-shaped member, a concavo-convex bearing member secured in said concave portion, and a self-aligning contacting bearing swivelably secured in said concavo-convex bearing member.

2,448,990
MATCH PACKAGE
Arthur O. Levine, Brooklyn, N. Y.
Application May 22, 1946, Serial No. 671,510
2 Claims. (Cl. 46—11)

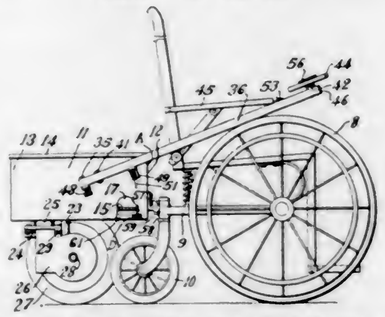


1. An article of manufacture of the class described comprising a match strip consisting of a plurality of match stems carried by a match book having a flap, said flap having a pictorial display of a figure upon one face thereof, said flap having apertures formed therein at selected locations relative to the pictorial illustration, and said match stems being extended through the apertures in diverging relation with their match heads protruding outwardly to complete the pictorial illustration on the flap to simulate limbs of said figure and to limit the outward swing of the flap relative to the book.

2,448,991
PRODUCTION OF N-ISOPROPYL-METHACRYLAMIDE
Joy G. Lichty, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application November 27, 1944, Serial No. 565,417
1 Claim. (Cl. 260—561)

A method of preparing N-isopropyl-methacrylamide which comprises mixing isopropyl alcohol with methacrylonitrile at an elevated temperature in the presence of an acid catalyst.

2,448,992
PROPELLING POWER UNIT FOR INVALID WHEEL CHAIRS
Homer Love, Cecil E. Britain, Bowen D. Langton, and Ralph E. Van Gundy, Wichita, and Charlie E. Van Gundy, Valley Center, Kans.
Application June 16, 1947, Serial No. 754,970
1 Claim. (Cl. 180—23)

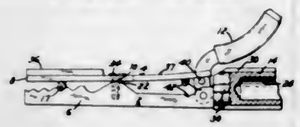


In a propelling power unit for a wheel chair comprising one wheel and housing for the same, means to connect the housing rockably to a conventional wheel chair without disconnecting any parts of the wheel chair, a motor and gear means to drive the wheel, hinge means to rockably attach the wheel to the housing centrally thereof, a sprocket wheel mounted on the rockable portion of the hinge means to turn the wheel on its diametrical axis to guide the wheel chair, an arm adjustable secured to the housing and extending forwardly to terminate adjacent the side of the wheel chair, a sprocket wheel rotatably mounted in the forward end of the arm, a steering wheel to affect rotation of last said sprocket wheel, chains engaging over their respective sprocket wheels, cables to connect the chains with each other for imparting rotation of the steering wheel to the hinge means, switches mounted on the forward end of the arm and electric wiring to connect the batteries and motor for reversed and forward motion of the chair, and struts for the housing to retain the housing upright when disconnected from the wheel chair.

2,448,993
GRAIN REFINING MAGNESIUM ALLOYS
Charles H. Mahoney, Harley C. Lee, Allan L. Tarr, and Pierre E. Le Grand, Boulder City, Nev., assignors, by mesne assignments, to Reconstruction Finance Corporation, a corporation of the United States
No Drawing. Application August 26, 1944, Serial No. 551,422
7 Claims. (Cl. 75—67)

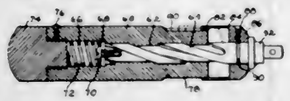
1. The method of producing magnesium base alloys of fine grain structure which comprises melting a magnesium base alloy and subjecting the molten alloy to the action of finely divided carbon.

2,448,994
WELDING ROD HOLDER
Archie W. McClary, Oakland, Calif.
Application June 28, 1946, Serial No. 679,935
5 Claims. (Cl. 219—8)



1. An electrode holder comprising a working arm terminating at one end in an electrode-engageable jaw, a flexible resilient working arm disposed with one end thereof facing said electrode-engageable jaw and constituting an opposing jaw for said holder, means for fulcruming said flexible resilient working arm at an intermediate point thereof to said first working arm to permit rocking of said flexible resilient working arm thereon, and means for flexing said flexible resilient working arm against an electrode disposed between said jaws, said flexing means including a lever pivoted at a point spaced from said flexible resilient working arm and extending toward and beyond the same, and means on said lever intermediate its pivot axis and said flexible resilient working arm adapted to engage said flexible resilient working arm in the course of movement of said lever about its pivot axis, said flexible resilient arm being sufficiently flexible to permit movement of said engaging means to a position beyond dead center.

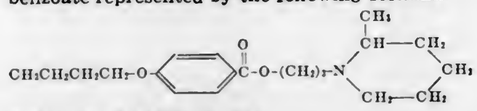
2,448,995
IMPACT SCREW DRIVER
Jesse C. McCorkhill, Xenia, Ohio
Application August 9, 1944, Serial No. 548,729
1 Claim. (Cl. 145—53)



In a device for actuating a screw member or other turnable fastening means, the combination including a tubular member having an internal bore provided with spiral grooves, said bore terminating in an enlarged portion terminating in a threaded portion, a spindle member provided with spiral portions seated in the spiral grooves of the tubular member, means fixedly attached to the spindle member and including a washer seated in the enlarged portion of the cylindrical bore, a hammer-engaging capping member threadedly engaging the threads of the tubular member, a compression spring positioned between the capping member and the washer for urging the spindle member into extended position, the spindle member projecting beyond the tubular member, the portion of the spindle member projecting beyond the tubular member being provided with an annular groove, a ferrule terminating in a tubular flange rotatably mounted on the spindle member near the end of the spindle member, the flange telescopically engaging the tubular member, means for preventing rotation of the ferrule relative to said tubular member, means extending from the ferrule into the annular groove for preventing longitudinal movement of the spindle member with respect to the ferrule without rotation thereof, and a collar fixedly attached to the spindle member beyond the ferrule, the tubular member cooperating with the spindle to translate longitudinal impacts by a hammer applied to the capping member into rotary impulses applied to the screw member or other fastening means.

2,448,996
3 - (2' - METHYL PIPERIDINO) - PROPYL-p-n BUTOXY BENZOATE AND ACID ADDITION SALTS THEREOF
Samuel M. McElvain, Madison, Wis., and Thomas P. Carney, Indianapolis, Ind.
No Drawing. Application June 30, 1945, Serial No. 602,655
2 Claims. (Cl. 260—294)

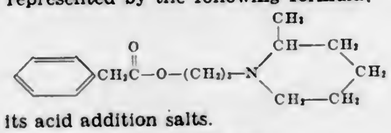
1. 3-(2'-methylpiperidino)-propyl p-n-butoxybenzoate represented by the following formula



and its acid addition salts.

2,448,997
PIPERIDINE PROPANOL ESTERS OF PHENYLACETIC ACID
Samuel M. McElvain, Madison, Wis., and Thomas P. Carney, Indianapolis, Ind.
No Drawing. Application June 30, 1945, Serial No. 602,656
2 Claims. (Cl. 260—294)

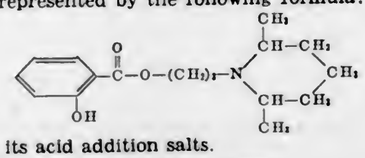
1. 3-(2'-methylpiperidino)-propyl phenylacetate represented by the following formula:



and its acid addition salts.

2,448,998
3 - (2',6' - DIMETHYLPIPERIDINO) - PROPYL SALICYLATE AND ACID ADDITION SALTS THEREOF
Samuel M. McElvain, Madison, Wis., and Thomas P. Carney, Indianapolis, Ind.
No Drawing. Application June 30, 1945, Serial No. 602,658
2 Claims. (Cl. 260—294)

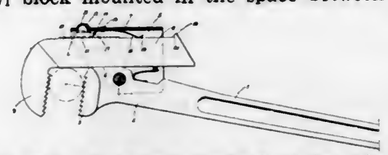
1. 3-(2',6'-dimethylpiperidino)-propyl salicylate represented by the following formula:



and its acid addition salts.

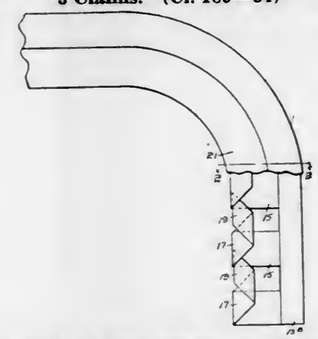
2,448,999
PIPE WRENCH HAVING A PIVOTED YOKE CARRYING AN ADJUSTABLE JAW
Lawrence C. Mead, Turlock, Calif.
Application June 12, 1944, Serial No. 539,804
3 Claims. (Cl. 81—103)

1. A wrench comprising a handle, a fixed jaw on one end of the handle, a yoke pivoted on the handle adjacent the fixed jaw, a shank slidable in the yoke, a jaw depending from the outer end of the shank and adapted to cooperate with the fixed jaw, the back of the shank being spaced from the back of the yoke and provided with a row of teeth, the back of the yoke being provided with a semi-spherical cavity in its inner face to provide a seat for a pawl block head, a pawl block mounted in the space between the



back of the shank and the back of the yoke and provided with a row of teeth for engagement with the teeth on the back of the shank, a semi-spherical head on the block seated in the cavity in the back of the yoke, and a spring fixed on the inner surface of the back of the yoke and engaging the end of the block to hold the head in frictional engagement with the walls of said cavity.

2,449,000
CORE FOR CLOSURE FRAME TRIM ELEMENTS
Oliver B. Merrill, Amesbury, Mass.
Application December 11, 1946, Serial No. 715,365
3 Claims. (Cl. 189—34)



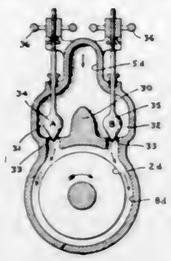
1. A core for a trim element which is mounted on a closure frame and adapted to cooperate with a portion of the closure for the frame, which core comprises an elongated strip of material of substantial width lying substantially in a plane but capable of being bent curvilinearly in that plane, the strip formed of sheet material and comprising a substantially continuous portion along one side from which projects a series of independent spaced tongues having terminal extensions of generally rhomboidal shape which are bent and reversely rebent between the ends and along their proximal ends respectively, the distal portion of each overlapping an adjacent tongue of the series and extending beneath the proximal bent over portion of the extension of said adjacent tongue on the opposite side from the similarly bent over distal portion of that extension.

2,449,001
PRODUCTION OF 1,3-DIOLS
Louis A. Mikeska and Erving Arundale, Westfield, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application May 27, 1944, Serial No. 537,739
8 Claims. (Cl. 260—635)

1. A method for producing 1,3-diols which comprises reacting an olefin with an aldehyde at

elevated temperatures and pressures in the presence of sulfuric acid from .01 to 5% concentration, the weight of the water present in said sulfuric acid being at least 3 times the weight of the aldehyde charged.

2,449,002
APPARATUS FOR REGULATING CENTRIFUGAL MACHINES
Lewis F. Moody, Princeton, N. J.
Application August 30, 1946, Serial No. 693,995
1 Claim. (Cl. 103—97)



In a multi-stage centrifugal pump for handling liquids subject to cavitation, the combination of a housing, a plurality of rotary stage impellers in said housing, said housing having suction and discharge passages connecting in fluid communication the discharge of the individual stages with the suction of the other stages, said housing having a first suction passage for the first stage impeller, said suction passages except the first having needle valve seats therein, said seats being disposed so that fluid flowing therethrough is tangential to the impeller, needle valves cooperating with the seats to vary the effective cross section thereof, and means outside of the housing and connected to the valves for regulating the movements of the valves.

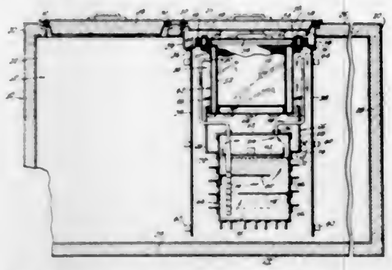
2,449,003
WATER-SOLUBLE ESTERS OF RIBOFLAVIN AND PREPARATION OF SAME
Anthony M. Moos, New York, and Sidney D. Upham, Pearl River, N. Y., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application April 9, 1945, Serial No. 587,434
12 Claims. (Cl. 260—211)

1. A method of preparing polycarboxylic acid esters of riboflavin which comprises heating riboflavin and a polycarboxylic acid in phenol at a temperature within the range of 100° to 185° C.

2,449,004
PREPARATION OF SUBSTITUTED STYRENES
Charles E. Morrell, Westfield, and Ober C. Slotterbeck, Rahway, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 30, 1944, Serial No. 570,744
12 Claims. (Cl. 260—669)

1. The method of producing an alpha methyl styrene which comprises contacting a mixture of an isopropyl benzene and steam with a dehydrogenation catalyst under dehydrogenating conditions of temperature and pressure the said catalyst consisting essentially of a major portion of magnesium oxide, a minor portion of iron oxide, a minor portion of copper oxide, and a minor portion of potassium oxide.

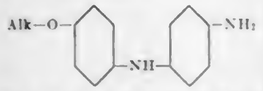
2,449,005
SHIPPING CONTAINER REFRIGERATED BY DRY ICE
Andrew J. Nicholas, North Haven, Conn., assignor to The Grenby Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application May 23, 1946, Serial No. 671,864
11 Claims. (Cl. 62—91.5)



1. In a refrigerator having a load-carrying compartment for storage of articles in a refrigerated gaseous atmosphere, a substantially gas-tight container for solidied CO_2 located within said compartment, a container having a secondary refrigerant therein located within said compartment substantially out of direct heat-exchanging relationship with solidified CO_2 in said first-named container, means to conduct evaporated gaseous CO_2 from said first-named container into heat-exchanging relationship with said secondary refrigerant, and means for continuously discharging said gaseous CO_2 after heat-exchange with said secondary refrigerant into an upper region of said refrigerated compartment whereby to cause forced circulation of the atmosphere in said compartment.

2,449,006
ALKENOXY AMINO DIPHENYLAMINES
Robert P. Parker, Somerville, and John J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application July 3, 1944, Serial No. 543,434
8 Claims. (Cl. 260—571)

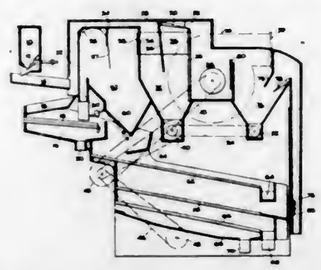
1. Chemical compounds represented by the formula



in which Alk is a radical selected from the group consisting of allyl, methallyl and beta-chloroallyl radicals.

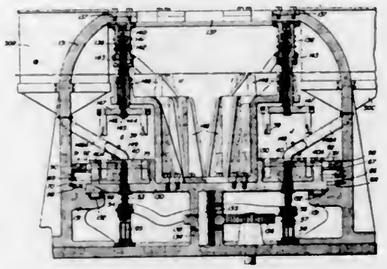
2,449,007
METHOD AND APPARATUS FOR SEPARATING PEANUTS FROM DEBRIS
Frederick J. Paul, Fredonia, N. Y., assignor to Huntley Manufacturing Company, Brocton, N. Y.
Application November 2, 1944, Serial No. 561,574
6 Claims. (Cl. 202—19)

5. An apparatus for sizing and cleaning nut produce from field debris, said apparatus comprising in combination pneumatic draft means for initially separating relatively light weight debris from said produce, means for gravity segregating the produce from the relatively heavy weight debris, pneumatic draft means for lifting



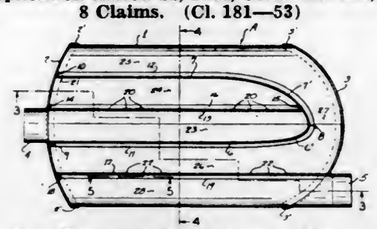
the segregated produce from the heavy debris, means for sizing said lifted produce, pneumatic draft means for finally segregating light weight debris from the sized produce, and means for selectively regulating the effective draft intensities of the pneumatically segregating processes.

2,449,008
MEANS FOR FORMING PRESSED ARTICLES FROM POWDERS
Joseph S. Pecker and Henry A. Simpson, Philadelphia, Pa.; said Simpson assignor to said Pecker
Original application October 18, 1940, Serial No. 361,656. Divided and this application December 27, 1943, Serial No. 515,790
10 Claims. (Cl. 18—20)



6. In a machine of the character described, an intermittently rotatable head, cavity dies carried thereby, fixed bearing members forming supports for the head, means for intermittently rotating the head, hoppers and means for supporting the same above said head, the latter having communication with the dies during the dwells of the rotatable head, punches supported above the dies and positioned to register therewith during the dwells, means for reciprocating the punches during the dwells of the head, die plungers carried by the head and means for causing said plungers to reciprocate within the dies, fixed cams, the same being positioned so as to impart motion to the die plungers during the moving of the head, mandrels spaced from said plungers and located within each die, fixed cams for operating the mandrels for causing said mandrels to enter and withdraw from each die during the moving of the head.

2,449,009
MUFFLER
Carl Peters, St. Louis, Mo.
Application March 11, 1946, Serial No. 653,661
8 Claims. (Cl. 181—53)



1. A muffler comprising an outer housing, and a plurality of partitions arranged within said outer housing which divide the interior of the muffler into a plurality of communicating passageways through which gases and sound waves accompanying said gases pass, there being a centrally located passageway which receives gases and sound waves entering the muffler, opposed intermediate passageways at opposite sides of said centrally located passageway, opposed outer passageways located outwardly of said intermediate passageways from one of which gases are discharged from the muffler, and a connecting passageway which connects said outer passageways, the partition located between said centrally located passageway and one of said intermediate passageways, and the partition between the other of said intermediate passageways and the other passageway from which gases are discharged from the muffler each having a multiplicity of apertures formed therethrough which are distributed over a substantial surface portion thereof and through which gases and accompanying sound waves pass, and the partition between the other of said outer passageways and the adjacent intermediate passageway having apertures formed therethrough only adjacent to an end thereof, the arrangement and relation of said passageways and the disposition of the apertures of said apertured partitions being such that the direction of travel of gases and sound waves passing through the muffler is repeatedly reversed.

2,449,010
METHOD OF STABILIZING HYDROCARBONS
Richard F. Robey, Cranford, John Fedirko, Elizabeth, and Allan E. Barnett, Westfield, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 3, 1947, Serial No. 789,574
8 Claims. (Cl. 260—666.5)

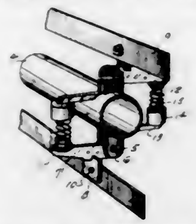
1. A composition containing a hydrocarbon susceptible to peroxide formation and dissolved therein a small amount of a phenolic type antioxidant with a small amount of a compound of a metal having a standard oxidation potential between 0 and —0.7.

2,449,011
METHOD FOR PRODUCING ACYLAMINO DIANTHRIMIDE ACRIDONES
Mario Scalera, Somerville, and Asa W. Joyce, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application June 1, 1944, Serial No. 538,346
2 Claims. (Cl. 260—276)

2. A method of preparing a mono alpha acylamino dianthrimide acridone which comprises

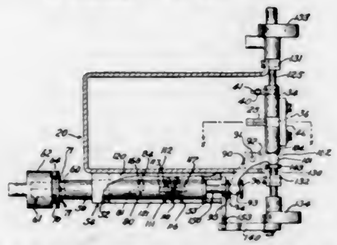
subjecting an orthocarboxy alpha monoacylamino dianthrimide to ring closure in the presence of benzoyl chloride in an organic solvent and a minor amount of sulfuric acid with respect to the dianthrimide.

2,449,012
PIPE EXCHANGER SCRAPER
Thomas E. Schley, Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application July 19, 1945, Serial No. 605,975
3 Claims. (Cl. 257—102)



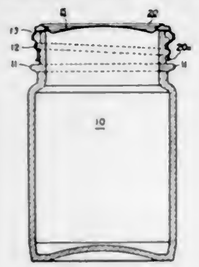
3. A wall scraper assembly for removing deposits from the interior wall of the interior pipe of a double pipe heat exchanger and the like, comprising a centrally located, axially extending scraper shaft and a plurality of axially extending scraper blades carried thereby, each blade being supported by a plurality of mounting means, each mounting comprising a pivot support affixed to said shaft; a generally T-shaped rocker arm having one T arm end pivotally mounted in said pivot support with the other T arm end extending as a lever in a direction generally at right angles to a line drawn through the shaft center and pivot center, the shank of the T extending toward the pipe wall along a line generally parallel to said center line, means for affixing the blade to the shank of the T-shaped rocker arm, and spring retaining means upon the lever extremity of said T-shaped rocker arm; a spring support affixed to said shaft and extending therefrom in alignment with the lever extremity of said T-shaped rocker arm, spring retaining means upon the extremity of said spring support; and a compression spring mounted between the two said spring retainers and acting to rotate the rocker arm about its pivot and to force the scraper blade into engagement with the interior pipe wall.

2,449,013
CIRCUIT BREAKER-HOLD-IN MECHANISM
William M. Scott, Jr., Bryn Mawr, Pa., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 29, 1943, Serial No. 504,285
18 Claims. (Cl. 200—109)



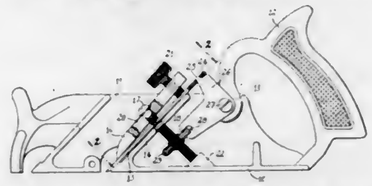
1. In a circuit breaker having a pair of cooperable contacts; means responsive to predetermined circuit conditions for effecting disengagement of said contacts; an axially movable member and a manually operable rotatable member rotatable from a neutral to an operating position and connected to said axially movable member, said axially movable member on moving to one of its positions locking said contacts against disengagement, said manually operable member on being manually released automatically returning to its neutral position.

2,449,014
CONTAINER CLOSURE
Stewart Shaffer, Muncie, Ind., assignor to Ball Brothers Company, a corporation of Indiana
Application June 13, 1946, Serial No. 676,447
9 Claims. (Cl. 215—56)



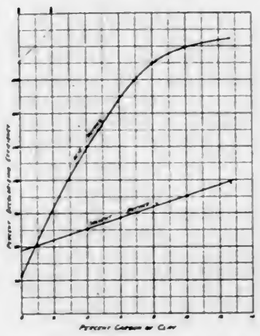
9. A closure for an opening in a container comprising, a lid of flexible metal construction, said lid having a substantially continuous rim portion thereabout constructed and arranged to rest upon and closely abut a lip edge of the container opening, said lip being provided with spaced-apart depending portions on opposite sides and about the continuous rim portion thereof and located in a spaced relationship with respect to opposite sides of the lip edge of the container, said retainer element being constructed and arranged to receive said lid therein, said retainer element having a side skirt portion constructed and arranged to adjustably engage the container adjacent the opening therein for tightening said retainer element down on the container, said retainer element having a transverse rim portion connected to the side portion thereof and projecting toward the opening of the container, the side portion of said retainer element adjacent the transverse rim portion thereof having a spaced-apart relationship with respect to an outer peripheral edge of said lid when said lid and retainer element are in a mounted relationship with respect to the container, the transverse rim portion of said retainer element having a substantially continuous ridge portion located substantially centrally thereof for imparting flexibility thereto, the transverse rim portion of said retainer element having a rim-engaging flange portion that extends inwardly and thereunder to provide a bead, said bead being in a spaced-apart flexible relationship with respect to the transverse rim portion such that the latter has a spaced-apart relationship with respect to said lid, and said bead being constructed and arranged to engage said lid entirely inside and adjacent to a longitudinal plane of an inner side wall of the lip edge of the container opening, and the whole being constructed and arranged in such a manner that said lid is free to tilt between the flange portion of said retainer element and the lip edge of the container when said retainer element is tightened down on the container.

2,449,015
RABBET PLANE
Herbert G. Shaw, Derby, Conn., assignor to Sargent & Company, New Haven, Conn., a corporation of Connecticut
Application September 7, 1945, Serial No. 614,867
7 Claims. (Cl. 145—13)



3. A plane comprising a body, a frog, a blade, and a clamp plate, a screw securing said plate to the frog and projecting through the latter, a nut threadedly mounted on said screw, means connecting the nut with the blade to adjust the position of the latter longitudinally of the frog upon rotation of the nut, and a handle, said connecting means comprising a bell crank lever pivoted on the handle.

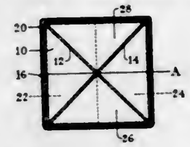
2,449,016
ACTIVATION OF PETROLEUM ADSORBENTS
Thomas P. Simpson, John W. Payne, and Peter D. Valas, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application December 11, 1943, Serial No. 513,936
1 Claim. (Cl. 196—147)



In a method of treating acid refined petroleum oils, the improvement which comprises treating said acid refined oils with a finely divided porous adsorptive clay-type inorganic material carrying an outer layer deposit of not less than 2½% of activated carbon resulting from the incomplete combustion and removal of petroleum oil.

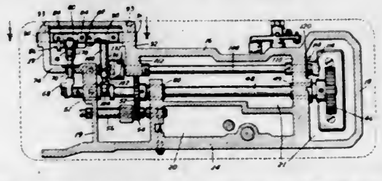
2,449,017
HASSOCK
Jacob M. Smiler, Philadelphia, Pa.
Application February 13, 1946, Serial No. 647,324
1 Claim. (Cl. 155—169)

A hassock comprising a hollow corrugated casing open at its top, a covering of soft pliable material on the outside of said casing, a covering of leatherlike material on the outside of said soft pliable material, a plurality of interlocking filler sheets of heavy cardboard within said casing and extending to a short distance of the top of the casing, a hollow support within said casing and mounted above said filler sheets, a cushion mounted within said support and being located within



said casing, and a covering for the cushion, the top of said cushion being positioned on substantially the same level as the top of the casing.

2,449,018
SEWING MACHINE
Clarence C. Smith, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application September 7, 1946, Serial No. 695,487
6 Claims. (Cl. 112—215)

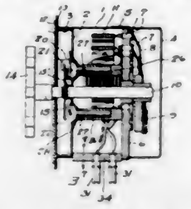


1. In a sewing machine a frame, a feed-dog, an operating shaft, a feed-rocker for imparting movement to said feed-dog, an eccentric on said operating shaft, a pitman connecting said eccentric with said feed-rocker, said pitman including telescoping members having a free-sliding connection one with the other and one of said telescoping members being freely pivoted to said feed-rocker, a slotted guiding member, a regulating shaft rotatably mounted in said frame and having said slotted guiding member secured thereto in a position wherein the longitudinal axis of the slot in said slotted guiding member extends transversely of the longitudinal axis of said regulating shaft, a block freely pivoted on said one of said telescoping members and having at least two parallel sides extending into the slot in said slotted guiding member for sliding motion longitudinally of said slot as an incident to swinging of said telescopic pitman to impart endwise motion to said one member of said telescopic pitman and thereby to impart an oscillating motion to said feed-rocker to variable extents dependent upon the angular relationship between the longitudinal axis of the slot in said slotted guiding member and the longitudinal axis of said telescopic pitman, a lever secured to said regulating shaft, and means including an adjustable abutment carried by said frame for holding said lever in fixed but adjustable positions to regulate the extent of oscillating motion imparted to said feed-rocker.

2,449,019
ATTENUATOR
John P. Smith, Jr., Verona, N. J., assignor to Daven Company, Newark, N. J., a corporation of New Jersey
Application November 11, 1944, Serial No. 562,989
4 Claims. (Cl. 201—48)

1. In an attenuator, a housing, a closure head rigidly connected to one end thereof, a removable

closure cap over the other end of the housing, electrical current resistance means within said housing, said housing provided with a slot cut therein, a terminal plate having terminals thereon connected to said resistance means, said terminal plate having grooves in its edges which slidably receive the edge portions of said housing along said slot, a contact carrying plate in said



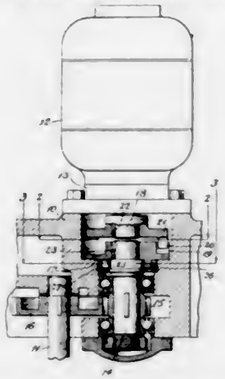
housing, said contact plate and said rigidly connected head engaging said terminal plate to hold it against sliding movement, a shaft extending axially through said closure plate, into said housing and through said contact plate, a detent gear on said shaft outwardly of said closure plate, and means formed on said detent gear and engaging said closure plate to limit the degree of insertion of the shaft into the housing.

2,449,020

POWER DRIVE

Louis Spraragen, Bridgeport, Conn., assignor to Automatic Locking Devices, Incorporated, Bridgeport, Conn., a corporation of Connecticut

Application June 14, 1943, Serial No. 490,769
2 Claims. (Cl. 192—8)



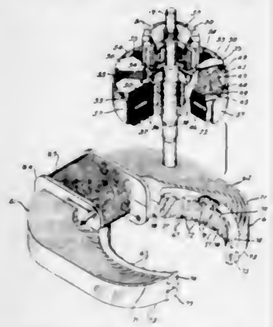
1. A power drive comprising a motor having a drive shaft; a driven shaft to perform work; a power transmitting shaft between the motor drive shaft and the driven shaft; a self-acting brake acting on the transmitting shaft to lock the same comprising a fixed hollow brake drum, a cam member secured to the transmitting shaft, interponents between the interior wall of the brake drum and the cam member, resilient means adapted to wedge the interponents between the said wall of the brake drum and the cam member to stop the transmitting shaft and lock the same against continued turning, the wedging action of the interponents increasing upon increasing torque being applied to the driven shaft; rotatable unlocking means movable relative to the transmitting shaft for moving said interponents against the force of said resilient means to render said interponents inoperative when power is being transmitted therethrough; and means connecting the motor with the transmitting shaft and including means for moving the unlocking means continuously in advance of said transmitting shaft to unlock the latter and maintain it unlocked while power is being transmitted through said drive and allowing retrograde movement of the unlocking means with resulting locking of the transmitting shaft when the torque applied by the motor becomes less than the torque applied by the resilient means.

2,449,021

DYNAMOELECTRIC MACHINE

Maurice D. Stahl, North Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio

Application June 8, 1942, Serial No. 446,174
5 Claims. (Cl. 172—36)



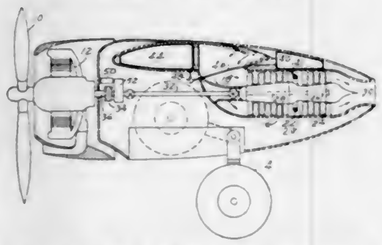
1. A dynamo-electric machine, comprising an armature, and a laminated field core having ends thereof forming pole faces, and spaced means each having opposed recesses and projections to anchor said ends of said laminations and to space the latter in predetermined relation with respect to each other at said pole faces.

2,449,022

FUEL SYSTEM FOR AIRCRAFT POWER PLANTS FOR AIRCRAFT PROPULSION AND BOUNDARY LAYER AIR CONTROL

Edward A. Stalker, Bay City, Mich.

Application March 12, 1945, Serial No. 582,394
1 Claim. (Cl. 244—40)



In an aircraft adapted for operation with boundary layer control and having a source of propulsive power for propelling the aircraft in normal flight, the combination of a wing having a slot in its surface leading into the wing interior, a main fuel tank for supplying fuel directly to said propulsive power source, means communicating with said slot for inducting the boundary layer air on said wing surface provided for operation of the aircraft with boundary layer control including a second power source for operating said inducting means, a separate auxiliary fuel tank, means continuously communicating between said main tank and said auxiliary tank for supplying said auxiliary tank from said main tank, means for supplying fuel from said auxiliary fuel tank directly to said second power source, and means preventing return flow of fuel from said auxiliary tank to said main tank to assure the presence of fuel in said auxiliary tank notwithstanding depletion of fuel in said main fuel tank for the operation of said second power source to enable the operation of the aircraft with boundary layer control.

2,449,023

AUSTENITIC ALLOY STEELS

Alfred Everett Thornton, Sheffield, England, assignor to Thos. Firth & John Brown Limited, Sheffield, England, a British company

No Drawing. Application July 2, 1946, Serial No. 681,135. In Great Britain July 9, 1945
8 Claims. (Cl. 148—31)

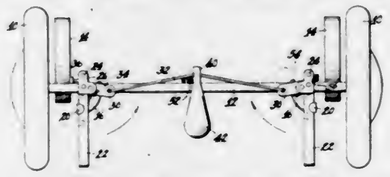
1. A high expansion austenitic steel suitable for use in the manufacture of internal-combustion engines and containing carbon between 0.35% and the usual upper limits of carbon in austenitic steels, manganese from 3.5 to 6%, chromium from 3 to 7%, nickel from 9 to 16%, copper from 0.5 to 12%, silicon 0 to 2.0%, a small proportion of a carbide forming element taken from the group consisting of vanadium, tungsten, titanium and columbium, the remainder being substantially all iron and the steel having been normalized at a minimum of 700° C. to obtain optimum physical properties.

2,449,024

SAFETY STAND

William C. Troendle, Gardner, Mass., assignor to Thayer Company, Gardner, Mass., a corporation of Massachusetts

Application January 25, 1947, Serial No. 724,448
10 Claims. (Cl. 188—20)



1. In a device of the class described, an axle, a pair of wheels on the axle, a safety stand element pivotally mounted on an axis transverse of the axle, a treadle, a lever operatively connected with the treadle and element to pivot the latter in one direction upon depression of the treadle, and a second treadle connected to said lever to pivot the latter and said element in the opposite direction, said treadles being relatively widely spaced and the lever extending between the treadles.

2,449,025

RUST-INHIBITING LUBRICANT

William R. Turner, Drexel Hill, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application July 21, 1943, Serial No. 495,793
4 Claims. (Cl. 252—33)

1. A rust-inhibiting lubricant comprising hydrocarbon lubricating oil, 0.25% to 3% of an alkaline earth metal petroleum sulfonate, and 0.01% to 3% of a pure aliphatic alcohol containing at least 5 carbon atoms.

2,449,026

PROCESS FOR PREPARING SALTS OF ALKYL PHENOL SULFIDES

Carll F. Van Gilder, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application April 20, 1944, Serial No. 531,992
6 Claims. (Cl. 260—609)

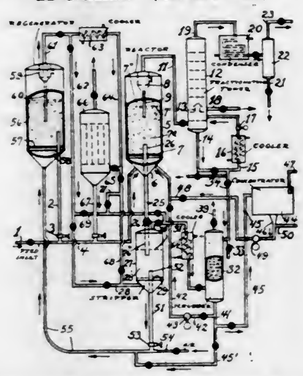
1. An improved process for manufacturing metal salts of the products resulting from the reaction of a sulfur halide with alkylated hydroxy aromatic compounds, which comprises neutralizing the reaction product in a mineral lubricating oil solution with a controlled amount of a basic metal compound, thereafter contacting the oil solution containing the neutralized material simultaneously with about 1 to 25% of carbon dioxide and 1 to 20% of water vapor, based on the metal salt present, and finally filtering the same, the amount of said basic metal compound being in excess of that theoretically required for neutralization but not sufficient to produce more than 2% by weight of precipitated colloidally dispersed metallic carbonate, based on the total weight of the reaction mixture, by reaction with the carbon dioxide and water.

2,449,027

CONVERSION OF HYDROCARBON OILS

Alexis Voorhies, Jr., East Baton Rouge, La., assignor to Standard Oil Development Company, a corporation of Delaware

Application June 4, 1946, Serial No. 674,342
11 Claims. (Cl. 196—52)



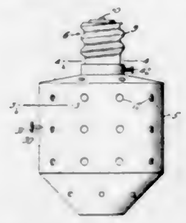
1. A process for the conversion of hydrocarbon oils which comprises passing the oil to be converted in vapor form through a conversion zone containing a subdivided conversion catalyst, removing gaseous conversion products containing entrained catalyst particles from the conversion zone, partially condensing the conversion products so withdrawn to form an initial condensate containing said entrained catalyst, separating said initial condensate from the remaining oil vapors, continuously withdrawing a stream of catalyst containing vaporizable hydrocarbons from the conversion zone, passing the catalyst so withdrawn into a stripping zone, passing a stripping gas through said stripping zone in contact with said catalyst to remove vaporizable con-

stituents from the catalyst therein, removing stripping gas containing entrained catalyst and hydrocarbon vapors from the stripping zone, passing the stripping gas so removed in contact with said first named condensate after separation from the remaining oil vapors to remove entrained catalyst contained in stripping gas.

2,449,028
PROCESS OF COMMINUTING IMPURE DDT
Isaac F. Walker, Hockessin, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 18, 1946, Serial No. 642,122
8 Claims. (Cl. 167—30)

1. A process which comprises comminuting in a high velocity gas disintegrator impure 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane having a setting point of from 102 to 106° C. in the presence of a salt of an acid having an ionization constant of at least 3×10^{-7} at 25° C.

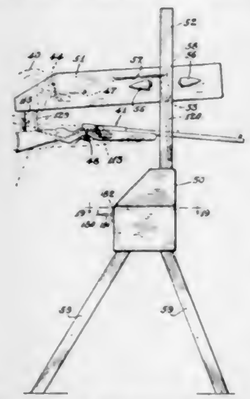
2,449,029
CURRENT-REGULATING PLUG AND SOCKET
Lincoln E. Wean, Philadelphia, Pa., and Lawrence J. McCarty, Merchantville, N. J.
Application September 22, 1944, Serial No. 555,342
2 Claims. (Cl. 171—119)



1. A current-regulating plug and socket comprising a casing having an input plug at one end adapted for removable reception in an outlet receptacle and an output socket at the other end adapted to removably receive an attachment plug, a transformer mounted in the casing and interposed in the circuit between said plug and said socket, said transformer comprising a primary winding connected to the contacts of said input plug and a contact of said output socket and a secondary winding having a plurality of taps, a series of fixed contacts mounted within the casing at one side of said transformer and connected to the respective taps, a movable contact movable longitudinally of the casing and selectively engageable with any desired one of said fixed contacts, manually operable means including an operating member accessible exteriorly and at one side of the casing for moving said movable contact, and an electrical connection between said movable contact and the remaining contact of the output socket.

2,449,030
TARGET PRACTICE APPARATUS
Irven H. Wilsey, Chicago, Ill.; Ruth Ann Wilsey executrix of said Irven H. Wilsey, deceased
Application March 9, 1942, Serial No. 433,961
3 Claims. (Cl. 273—101.2)

3. In an apparatus of the type set forth, the combination of a casing, an optical viewer, a moving picture screen in front of said viewer and adapted to be illuminated by images projected thereon from behind the screen, a gun disposed adjacent said casing and adapted to be gripped by the user when he is in position to peer through said viewer, a small-sized replica of the fore portion of said gun disposed in said casing so that the forward end thereof extends to within a short distance of said screen, means for supporting said gun for both horizontal and vertical swinging movement in the hands of the user to simulate



actual use, means supporting said replica for swinging movement both horizontally and vertically, means including a mechanical connection between said gun and said small-sized replica for moving the replica in unison with said gun and through substantially corresponding angles, both said screen and said replica being located within a few inches of the viewer, said viewer including optical eye pieces for bringing said screen and the fore portion of said replica into focus whereby said small-sized replica and the image on said screen appear to be full sized.

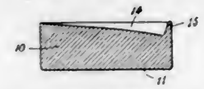
2,449,031
BRAKE CABLE ADJUSTER
James Morris Woodson, Greenwood, Va.
Application May 21, 1947, Serial No. 749,614
8 Claims. (Cl. 24—71.1)



1. Tightener for brake cords comprising two arms having adjacent ends pivotally associated to constitute a toggle joint, each of said arms having on one face oppositely disposed longitudinally spaced hooks and on the opposite face pivoted lugs, said lugs formed with oppositely threaded through orifices and a bolt having its end portions oppositely threaded to seat in said threaded orifices, whereby the angularity of said arms can be modified by rotation of said bolt.

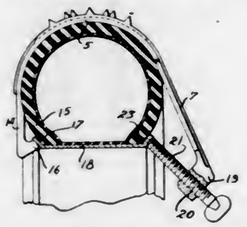
2,449,032
PLAYING BAR
Olen H. Yates, Pontiac, Mich.
Application June 5, 1945, Serial No. 597,693
5 Claims. (Cl. 84—319)

1. In a playing bar of the type described, a bar body having a longitudinal finger channel of substantially arcuate section along the top thereof to receive the first finger of the player, said channel terminating short of the forward end of



the bar body to provide a finger stop above the forward end of the said bar body.

2,449,033
ANTISKID TIRE CLAMP
David Younglove, Ilion, N. Y.
Application September 12, 1946, Serial No. 696,496
1 Claim. (Cl. 152—226)



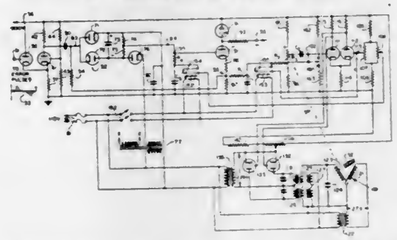
A traction device for use on a tire and attachment to the out-turned side flanges of a tire-retaining rim comprising a hook-shaped member adapted to straddle the tire and provided on one end with gripping lugs adapted to seat against one of said flanges, said member having at its other end a reduced tongue adapted to extend alongside the other of said flanges, an end thumb screw in said tongue adapted to be turned against said other flange, said screw coacting with said lugs to clamp the member to the outer sides of said flanges.

2,449,034
TORQUE TOOL WITH RATCHET SIGNAL
Herman W. Zimmerman, North Newington, Conn.; Sylvia V. M. Zimmerman administratrix of said Herman W. Zimmerman, deceased
Application April 21, 1944, Serial No. 532,109
1 Claim. (Cl. 81—52.5)



A torque tool comprising in combination, a hub member having work engaging portions, a hand lever rotatable relative to said hub member, a flange on said hub member, a washer and a threaded member thereon, bearing collars on opposite faces of said hand lever of different material from the member on the hub and engaging said flange and washer respectively, means on said threaded means to vary the compression of said collars between said flange and washer, whereby the torque required to rotate said hand lever relative to said hub member may be regulated, ratchet means comprising a toothed wheel secured to the hub member and a resilient detent secured to said hand lever and engaging said toothed wheel to indicate when the frictional resistance has been exceeded and relative rotation of said hub member and lever is taking place, and sealing means for said threaded member in any predetermined adjusted position.

2,449,035
SMOOTHING SERVO
Francis P. Coffin, Jr., Schenectady, N. Y., and Frank E. Bothwell, Boston, and Prescott D. Crout, Lexington, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy
Application April 12, 1946, Serial No. 661,594
4 Claims. (Cl. 318—18)



3. Apparatus for providing an output indicative of the trend of an input electrical error signal and substantially independent of discontinuous error signal jitter, comprising means for obtaining the integral of said error signal, means for obtaining a combined signal proportional to the sum of said error signal and said integral of said error signal, means for applying said combined signal to a resistance-capacitance network including a plurality of series resistance elements and shunt capacitance elements, said resistance-capacitance network providing the effects of inertia and damping, a potentiometer, one of said capacitance elements being connected to the movable tap of said potentiometer, said movable tap being operative from a position servo providing said output, said position servo being energized through said resistance-capacitance network.

2,449,036
MANUFACTURE OF PRIMARY AMINES
Maximilien Grunfeld, Lyon, France; vested in the Attorney General of the United States
No Drawing. Application February 8, 1941, Serial No. 378,061. In Great Britain November 2, 1939
Sections 3 and 14, Public Law 690, August 8, 1946
Patent expires November 2, 1959
8 Claims. (Cl. 260—583)

1. A process for the manufacture of hexamethylenediamine by liquid phase catalytic hydrogenation of adipic dinitrile which comprises subjecting the liquid adipic dinitrile to catalytic hydrogenation at a temperature below 100° C. and in the presence of a concentrated aqueous solution of a strong base, the amount of said strong base which is present being from about 0.1% to about 10% of the weight of the said adipic dinitrile employed.

2,449,037
METHOD OF SEISMIC EXPLORATION OPERATIONS
Travis O. Harkness, Shreveport, La., assignor, by mesne assignments, to C. H. C. Patent Corporation, Texarkana, Tex., a corporation of Texas
Application November 30, 1945, Serial No. 631,846
1 Claim. (Cl. 181—0.5)

A method of creating pulsations in the earth in seismic exploration operations comprising the steps of drilling a hole in the earth, setting a relatively malleable steel pipe having a gauge within the limits of .055 inch and .075 inch in the

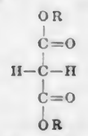
hole and detonating an explosive charge in the lower reaches of the pipe whereupon the pipe



will collapse inwardly adjacent the explosion substantially closing the pipe.

2,449,038
PREPARATION OF 3-SUBSTITUTED BENZOTETRONIC ACID AND SALTS THEREOF
Martin E. Hultquist, Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application October 23, 1944, Serial No. 560,040
12 Claims. (Cl. 260—344.6)

12. The method of preparing 3-substituted benzotetronic acid and salts thereof which comprises mixing acetylsalicylyl halide with a compound having the formula

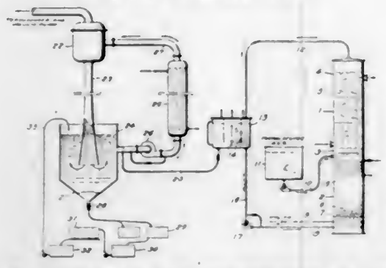


in which R is an alkyl radical, in the presence of water and an alkali metal hydroxide at a temperature not in excess of about 40° C.

2,449,039
THERAPEUTIC COMPOSITION
Raymond L. Libby, Poundridge, N. Y., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application September 22, 1945, Serial No. 618,054
7 Claims. (Cl. 167—65)

6. A new article of manufacture comprising discrete particles of a stable, therapeutically active derivative of penicillin covered with a substantially water impermeable enteric coating, and a water insoluble assimilable glyceride, in which said enteric coated particles are suspended, the whole mixture being enclosed in a gelatin capsule.

2,449,040
MANUFACTURE OF HEXAMETHYLENE TETRAMINE
Pierre Schideler, New York, N. Y., and Charles Prescott Davis, Stamford, Conn., assignors to Chemical Construction Corporation, New York, N. Y., a corporation of Delaware
Application December 30, 1942, Serial No. 470,593
2 Claims. (Cl. 260—238)



1. A process for the manufacture of hexamethylene tetramine which comprises introducing ammonia and formaldehyde into a rapidly moving aqueous solution containing hexamethylene tetramine, reacting the formaldehyde and ammonia by passing the resulting solution through a cooled reaction zone, concentrating the reacted solution by low temperature evaporation, crystallizing hexamethylene tetramine therefrom, recirculating one portion of the mother liquor through the ammonia and formaldehyde addition zones and through the reaction zone, and passing the remainder of the mother liquor in heat exchange relation with the solution in the reaction zone to extract reaction heat therefrom.

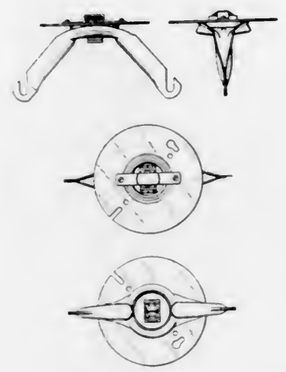
2,449,041
RIBOFLAVIN SOLUTIONS
Sidney D. Upham, Pearl River, N. Y., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application April 12, 1946, Serial No. 661,877
1 Claim. (Cl. 167—81)

A storage-stable, sterile therapeutic vitamin preparation, suitable for either oral or parenteral use comprising propylene glycol as a solvent, and dissolved therein, to form a clear solution, sufficient riboflavin citrate to be the physiological equivalent of not less than 2 milligrams of riboflavin per cubic centimeter of solution.

DESIGNS

SEPTEMBER 7, 1948

150,820
DESIGN FOR A LIGHT FIXTURE SUPPORT
Ernst G. Anderson, deceased, late of Chicago, Ill., by E. Harold Anderson, administrator, Lake Bluff, Ill., assignor to Simplet Electric Co., Chicago, Ill., a corporation of Illinois
Application July 8, 1946, Serial No. 131,369
Term of patent 14 years
(Cl. D26—1)



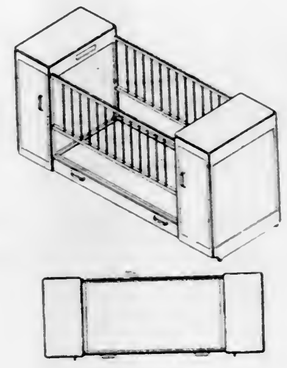
The ornamental design for a light fixture support, substantially as shown.

150,821
DESIGN FOR A TELEPHONE HOLDER
Raymond B. Bianchi, Chicago, Ill., assignor of one-half to Ned E. Cahen, Chicago, Ill.
Application May 18, 1946, Serial No. 129,842
Term of patent 3½ years
(Cl. D26—14)



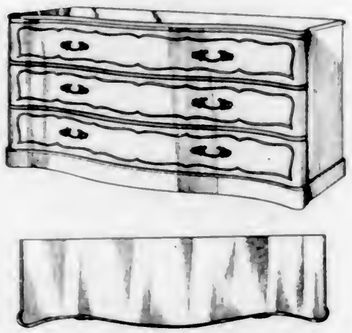
The ornamental design for a telephone holder, substantially as shown.

150,822
DESIGN FOR A NURSERY BED UNIT
Arthur M. Bleich, Cambridge, Ohio
Application October 21, 1946, Serial No. 134,136
Term of patent 14 years
(Cl. D5—5)



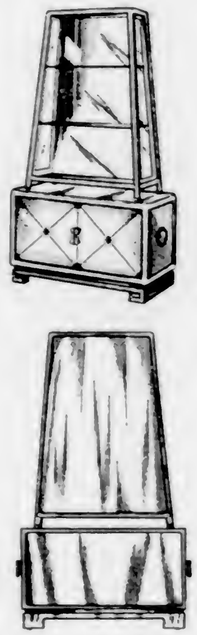
The ornamental design for nursery bed unit, substantially as shown.

150,823
DESIGN FOR A CHEST OR SIMILAR ARTICLE
Anthony J. Buckner, New York, N. Y., assignor to Grosfeld House, Inc., New York, N. Y.
Application March 11, 1947, Serial No. 137,514
Term of patent 7 years
(Cl. D33—13)



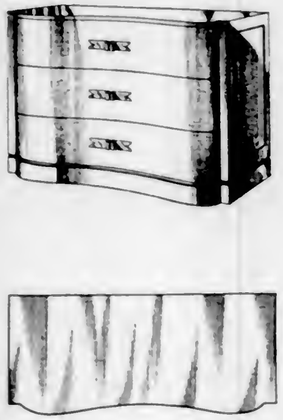
The ornamental design for a chest or similar article, substantially as shown.

150,824
DESIGN FOR A CREDENZA OR SIMILAR ARTICLE
Anthony J. Buckner, New York, N. Y., assignor to Grosfeld House, Inc., New York, N. Y.
Application March 11, 1947, Serial No. 137,512
Term of patent 7 years
(Cl. D33—13)



The ornamental design for a credenza or similar article, substantially as shown and described.

150,825
DESIGN FOR A CHEST OR SIMILAR ARTICLE
Anthony J. Buckner, New York, N. Y., assignor to Grosfeld House, Inc., New York, N. Y.
Application March 11, 1947, Serial No. 137,515
Term of patent 7 years
(Cl. D33—13)



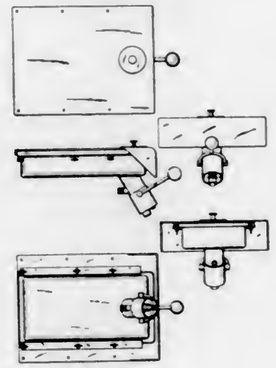
The ornamental design for a chest or similar article, substantially as shown and described.

150,826
DESIGN FOR A COMBINED COMPACT AND SCENT SPRAY
Richard Bugbee, Milner, British Columbia, Canada
Application December 12, 1947, Serial No. 143,109
Term of patent 7 years
(Cl. D86—10)



The ornamental design for a combined compact and scent spray, as shown and described.

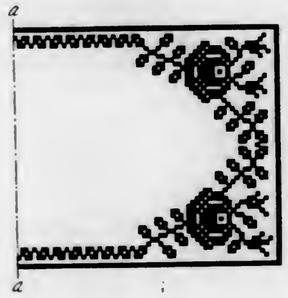
150,827
DESIGN FOR A BEVERAGE DISPENSER
Archibald R. Burgess, St. Louis, Mo., assignor to AMP Corporation, St. Louis, Mo., a corporation of Missouri
Application October 30, 1946, Serial No. 134,393
Term of patent 14 years
(Cl. D2—3)



The ornamental design for a beverage dispenser, substantially as shown.

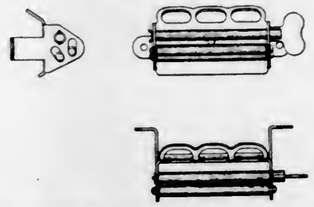
150,828
DESIGN FOR A CROCHETED DOILY OR THE LIKE
Mildred R. Craig, Erwin, W. Va.
Application May 8, 1947, Serial No. 138,922
Term of patent 3½ years
(Cl. D3—9)





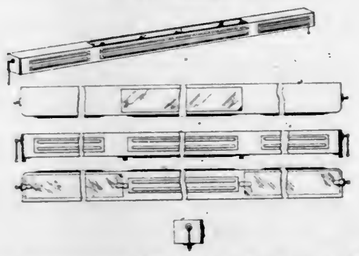
The ornamental design for a crocheted doily or the like, as shown and described.

150,829
DESIGN FOR A TUBE AND TOOTHBRUSH HOLDER
Joseph W. Doucette, Waltham, Mass.
Application December 19, 1945, Serial No. 124,854
Term of patent 14 years
(Cl. D4—3)



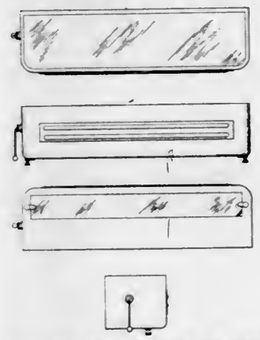
The ornamental design for a tube and toothbrush holder, as shown.

150,830
DESIGN FOR A LIGHTING FIXTURE
Charles A. Duepner, Minneapolis, Minn., assignor to Branham, Mareck & Duepner, Inc., Minneapolis, Minn., a corporation of Minnesota
Application November 9, 1946, Serial No. 134,638
Term of patent 3½ years
(Cl. D48—4)



The ornamental design for a lighting fixture, as shown.

150,831
DESIGN FOR A LIGHTING FIXTURE
Charles A. Duepner, Minneapolis, Minn., assignor to Branham, Mareck & Duepner, Inc., Minneapolis, Minn., a corporation of Minnesota
Application November 9, 1946, Serial No. 134,638
Term of patent 3½ years
(Cl. D48—4)



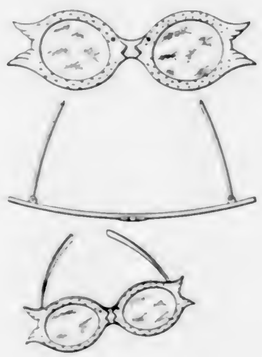
The ornamental design for a lighting fixture, as shown.

150,832
DESIGN FOR A CLOCK
Estelle M. Fenenbock, North Hollywood, Calif.
Application November 14, 1947, Serial No. 142,526
Term of patent 3½ years
(Cl. D42—7)



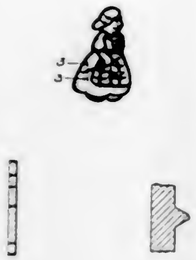
The ornamental design for a clock, substantially as shown.

150,833
DESIGN FOR SUN GLASSES
Lucian M. Flagg, Mount Penn, near Reading, Pa.
Application August 14, 1947, Serial No. 140,872
Term of patent 7 years
(Cl. D57—1)



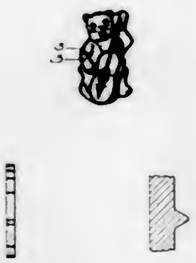
The ornamental design for sun glasses, as shown.

150,834
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,530
Term of patent 14 years
(Cl. D8—2)



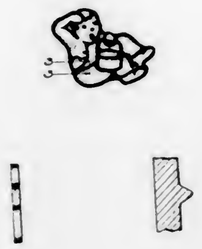
The ornamental design for a cooky, as shown.

150,835
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,531
Term of patent 14 years
(Cl. D8—2)



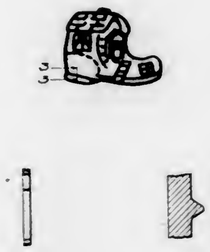
The ornamental design for a cooky, as shown.

150,836
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,532
Term of patent 14 years
(Cl. D8—2)



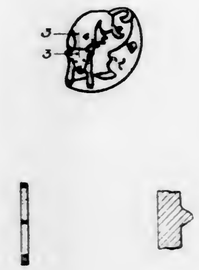
The ornamental design for a cooky, as shown.

150,837
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,533
Term of patent 14 years
(Cl. D8—2)



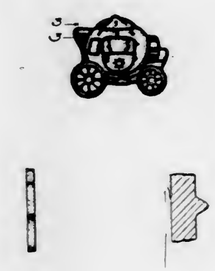
The ornamental design for a cooky, as shown.

150,838
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,535
Term of patent 14 years
(Cl. D8—2)



The ornamental design for a cooky, as shown.

150,839
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,536
Term of patent 14 years
(Cl. D8—2)



The ornamental design for a cooky, as shown.

150,840
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application June 8, 1946, Serial No. 130,537
Term of patent 14 years
(Cl. D8—2)



The ornamental design for a cooky, as shown.

150,841
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies, Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application July 26, 1946, Serial No. 131,987
Term of patent 14 years
(Cl. D8—2)



The ornamental design for a cooky, as shown.

150,842
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies, Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application July 26, 1946, Serial No. 131,988
Term of patent 14 years
(Cl. D8—2)



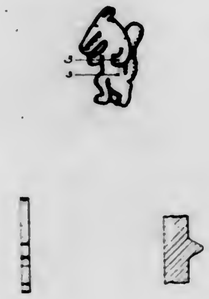
The ornamental design for a cooky, as shown.

150,843
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies, Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application July 26, 1946, Serial No. 131,990
Term of patent 14 years
(Cl. D8—2)



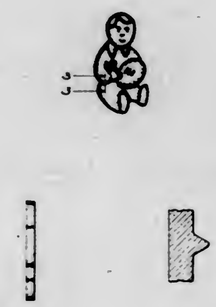
The ornamental design for a cooky, as shown.

150,844
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies, Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application July 26, 1946, Serial No. 131,991
Term of patent 14 years
(Cl. D8—2)



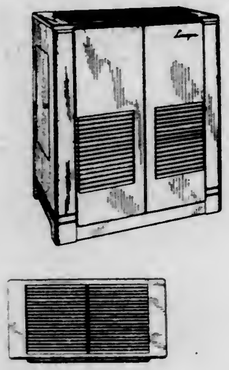
The ornamental design for a cooky, as shown.

150,845
DESIGN FOR A COOKY
Walter O. Forrer, Milwaukee, Wis., assignor, by direct and mesne assignments, of one-half to Tip Top Cookies, Inc., Ripon, Wis., a corporation of Wisconsin, and one-half to Kiddie Kookies Co., Fairwater, Wis., a corporation of Wisconsin
Application July 26, 1946, Serial No. 131,992
Term of patent 14 years
(Cl. D8—2)



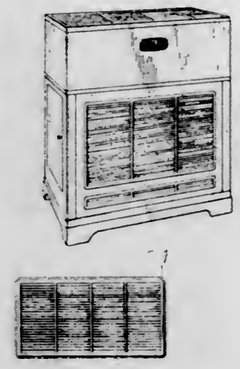
The ornamental design for a cooky, as shown.

150,846
DESIGN FOR A CABINET FOR SPACE HEATERS OR THE LIKE
Carl S. Greer, Jr., Albion, Mich., assignor to Gamble Stores Incorporated, Minneapolis, Minn., a corporation of Minnesota
Application October 9, 1947, Serial No. 141,837
Term of patent 14 years
(Cl. D81—19)



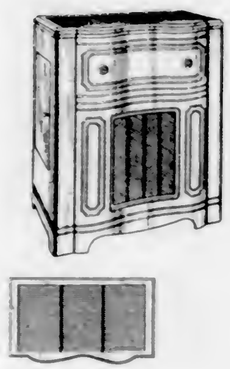
The ornamental design for a cabinet for space heaters or the like, substantially as shown and described.

150,847
DESIGN FOR A CABINET FOR SPACE HEATERS OR THE LIKE
Carl S. Greer, Jr., Albion, Mich., assignor to Lonergan Manufacturing Company, Albion, Mich., a corporation of Michigan
Application October 9, 1947, Serial No. 141,838
Term of patent 14 years
(Cl. D81—19)



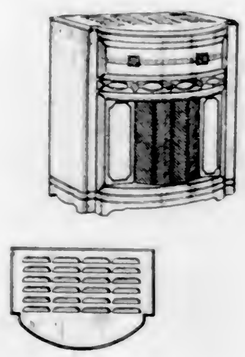
The ornamental design for a cabinet for space heaters or the like, substantially as shown and described.

150,848
DESIGN FOR A CABINET FOR SPACE HEATERS OR THE LIKE
Carl S. Greer, Jr., Albion, Mich., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a corporation of Illinois
Application October 9, 1947, Serial No. 141,839
Term of patent 14 years
(Cl. D81—19)



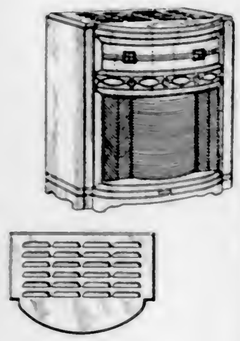
The ornamental design for a cabinet for space heaters or the like, substantially as shown and described.

150,849
DESIGN FOR A CABINET FOR SPACE HEATERS OR THE LIKE
Carl S. Greer, Jr., Albion, Mich., assignor to Lonergan Manufacturing Company, Albion, Mich., a corporation of Michigan
Application October 9, 1947, Serial No. 141,840
Term of patent 14 years
(Cl. D81—19)



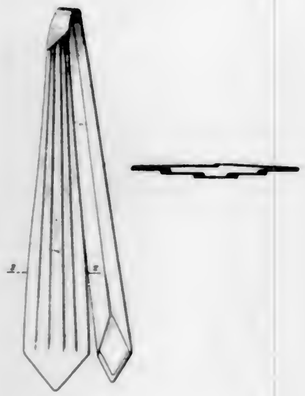
The ornamental design for a cabinet for space heaters or the like, substantially as shown and described.

150,850
DESIGN FOR A CABINET FOR SPACE HEATERS OR THE LIKE
Carl S. Greer, Jr., Albion, Mich., assignor to Lonergan Manufacturing Company, Albion, Mich., a corporation of Michigan
Application October 9, 1947, Serial No. 141,841
Term of patent 14 years
(Cl. D81—19)



The ornamental design for a cabinet for space heaters or the like, substantially as shown and described.

150,851
DESIGN FOR A PLEATED NECKTIE
Jacob B. Grinoch, New York, N. Y.
Application March 5, 1947, Serial No. 137,363
Term of patent 14 years
(Cl. D3—16)



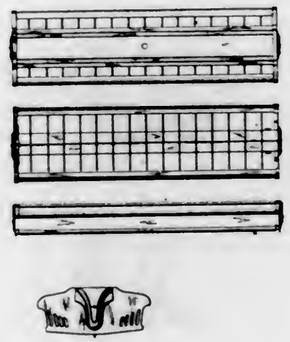
The ornamental design for a pleated necktie, as shown and described.

150,852
DESIGN FOR A COMB HOLDER
Adam J. Gurczak, Buffalo, N. Y.
Application April 29, 1947, Serial No. 138,683
Term of patent 3½ years
(Cl. D86—10)



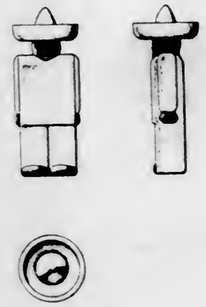
The ornamental design for a comb holder, as shown.

150,853
DESIGN FOR A LIGHTING FIXTURE
Edwin F. Guth, Florissant, and Ervin C. Koegel, St. Louis, Mo., assignors to The Edwin F. Guth Company, St. Louis, Mo., a corporation of Missouri
Application October 6, 1947, Serial No. 141,764
Term of patent 14 years
(Cl. D48—23)



The ornamental design for a lighting fixture, substantially as shown.

150,854
DESIGN FOR A CONTAINER FOR LIQUID COSMETICS
Mauro Herrera, Jr., Hollywood, Calif.
Application November 18, 1946, Serial No. 134,847
Term of patent 7 years
(Cl. D58—9)



The ornamental design for a container for liquid cosmetics, as shown.

150,855
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Sylvia Hobe, New York, N. Y.
Application June 13, 1947, Serial No. 139,631
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch pin or similar article, substantially as shown.

150,856
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Sylvia Hobe, New York, N. Y.
Application June 13, 1947, Serial No. 139,632
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch pin or similar article, substantially as shown.

150,857
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Sylvia Hobe, New York, N. Y.
Application June 13, 1947, Serial No. 139,633
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch pin or similar article, substantially as shown.

150,858
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Sylvia Hobe, New York, N. Y.
Application June 13, 1947, Serial No. 139,634
Term of patent 3½ years
(Cl. D45—19)



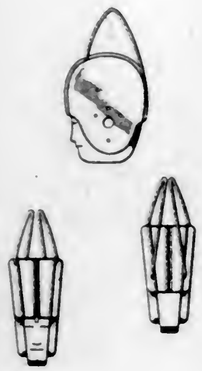
The ornamental design for a brooch pin or similar article, substantially as shown.

150,859
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Sylvia Hobe, New York, N. Y.
Application June 13, 1947, Serial No. 139,635
Term of patent 3½ years
(Cl. D45—19)



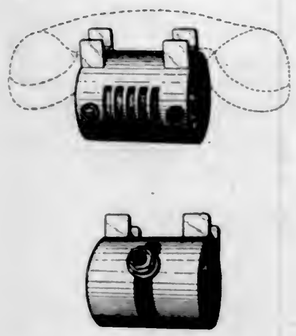
The ornamental design for a brooch pin or similar article, substantially as shown.

150,860
DESIGN FOR A HANDBAG
John I. Horner, Los Angeles, Calif.
Application November 7, 1947, Serial No. 142,372
Term of patent 14 years
(Cl. D87—3)



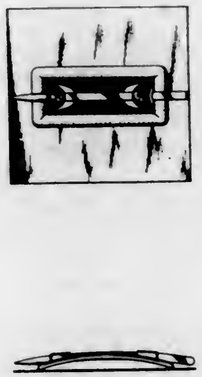
The ornamental design for a handbag, as shown.

150,861
DESIGN FOR A COMMUNICATIONS UNIT OR THE LIKE
Leo J. Hruska, Lutherville, and William W. Garbutt, Baltimore, Md., assignors to Bendix Aviation Corporation, Towson, Md., a corporation of Delaware
Application November 4, 1946, Serial No. 134,497
Term of patent 3½ years
(Cl. D26—14)



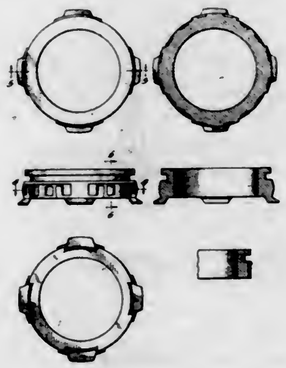
The ornamental design for a communications unit or the like, as shown and described.

150,862
DESIGN FOR A CARDED TWO-PIECE HAIR ORNAMENT
Jules Jackson, Great Neck, N. Y.
Application November 21, 1945, Serial No. 123,955
Term of patent 3½ years
(Cl. D86—10)



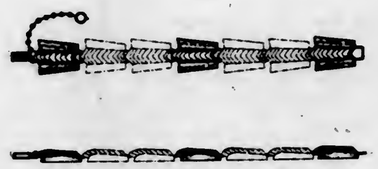
The ornamental design for a carded two-piece hair ornament, as shown.

150,863
DESIGN FOR A BASE FOR A LIPSTICK HOLDER
Richard C. Jones, Chicago, Ill., assignor to Associated Products, Inc., Chicago, Ill., a corporation of Illinois
Application April 4, 1946, Serial No. 128,284
Term of patent 3½ years
(Cl. D86—10)



The ornamental design for a base for a lipstick holder, substantially as shown.

150,864
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application November 1, 1947, Serial No. 142,269
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

150,865
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,759
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,866
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,760
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,867
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,761
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

150,868
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,768
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,869
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,792
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,870
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,928
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

150,871
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,931
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

150,872
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,937
Term of patent 7 years
(Cl. D45—16)

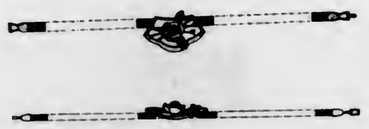


The ornamental design for a necklace or similar article, substantially as shown and described.

150,873
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 22, 1948, Serial No. 143,965
Term of patent 7 years
(Cl. D45—16)

The ornamental design for a necklace or similar article, substantially as shown and described.

150,874
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 26, 1948, Serial No. 144,060
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

150,875
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 26, 1948, Serial No. 144,061
Term of patent 7 years
(Cl. D45—16)



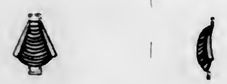
The ornamental design for a necklace or similar article, substantially as shown and described.

150,876
DESIGN FOR A JEWELRY FINDING
Adolph Katz, Providence, R. I., assignor to Coro, Inc., a corporation of New York
Application January 27, 1948, Serial No. 144,085
Term of patent 7 years
(Cl. D45—1)



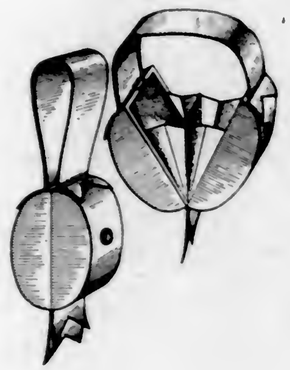
The ornamental design for a jewelry finding, substantially as shown.

150,877
DESIGN FOR A LINK FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,087
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a link for a bracelet or similar article, substantially as shown.

150,878
DESIGN FOR A LADY'S HANDBAG
Anna Konelsky, New York, N. Y.
Application December 16, 1947, Serial No. 143,163
Term of patent 7 years
(Cl. D87—3)





The ornamental design for a lady's handbag, substantially as shown.

150,879
DESIGN FOR A PERSONALIZED BIRTHDAY CANDLE
Leo Lion, New York, N. Y.
Application September 23, 1946, Serial No. 133,525
Term of patent 7 years
(Cl. D73—1)



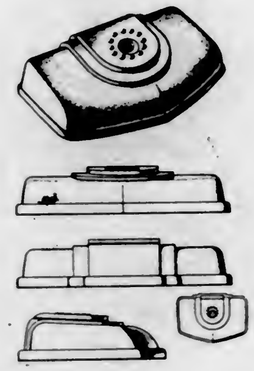
The ornamental design for a personalized birthday candle, as shown.

150,880
DESIGN FOR A BROOCH OR THE LIKE
Thornton J. Manry, Kansas City, Mo., assignor to The Green Company, Incorporated, Kansas City, Mo., a corporation of Missouri
Application October 13, 1947, Serial No. 141,878
Term of patent 14 years
(Cl. D45—19)



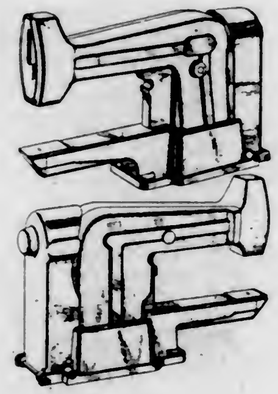
The ornamental design for a brooch or the like, as shown.

150,881
DESIGN FOR A DESK SET INKWELL
Robert A. May, Merion, and Harold E. Steinberg, Philadelphia, Pa., assignors to The Esterbrook Pen Company, Camden, N. J., a corporation of New Jersey
Application June 2, 1947, Serial No. 139,406
Term of patent 14 years
(Cl. D74—8)



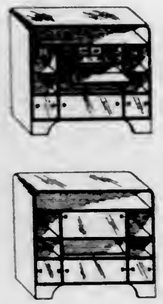
The ornamental design for a desk set inkwell, substantially as shown and described.

150,882
DESIGN FOR A SEWING MACHINE FRAME
Michael McCann, Union, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application October 2, 1946, Serial No. 133,688
Term of patent 14 years
(Cl. D70—1)



The ornamental design for a sewing machine frame, as shown.

150,883
DESIGN FOR A COMBINED DESK AND BOOKCASE
Paul L. Peterson, Los Angeles, Calif.
Application April 16, 1947, Serial No. 138,441
Term of patent 14 years
(Cl. D33—7)



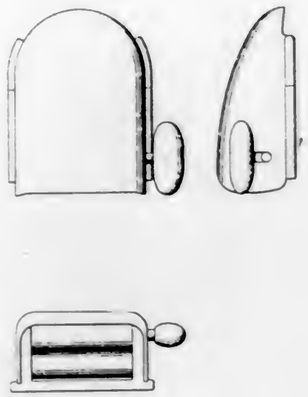
The ornamental design for a combined desk and bookcase, as shown.

150,884
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 29, 1947, Serial No. 136,504
Term of patent 7 years
(Cl. D45—19)



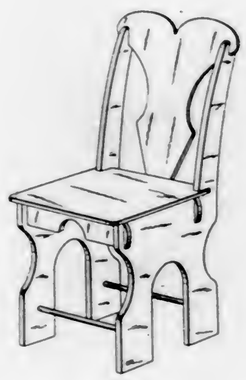
The ornamental design for a brooch or similar article, substantially as shown.

150,885
DESIGN FOR A DISPENSING DEVICE FOR COLLAPSIBLE TUBE
William E. Richardson, Detroit, Mich.
Application May 13, 1946, Serial No. 129,639
Term of patent 3½ years
(Cl. D4—3)



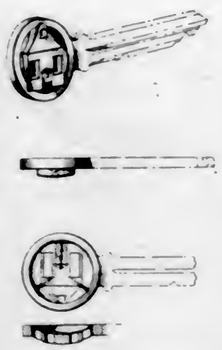
The ornamental design for a dispensing device for collapsible tube, substantially as shown.

150,886
DESIGN FOR A CHAIR
Walter C. Ross, Belleville, Ill.
Original application December 29, 1945, Serial No. 125,152. Divided and this application February 3, 1947, Serial No. 136,651
Term of patent 14 years
(Cl. D15—1)



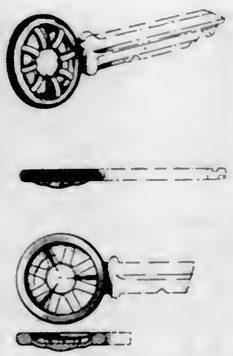
The ornamental design for a chair, as shown.

150,887
DESIGN FOR A KEY OR THE LIKE
Walter F. Rothe, Washington, D. C.
Application September 6, 1946, Serial No. 133,110
Term of patent 14 years
(Cl. D50—4)



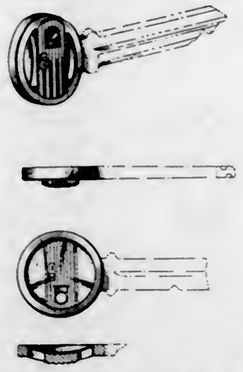
The ornamental design for a key or the like, substantially as shown and described.

150,888
DESIGN FOR A KEY OR THE LIKE
Walter F. Rothe, Washington, D. C.
Application September 6, 1946, Serial No. 133,112
Term of patent 14 years
(Cl. D50—4)



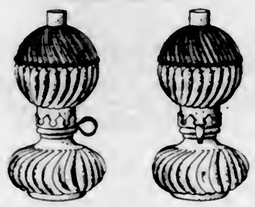
The ornamental design for a key or the like, substantially as shown and described.

150,889
DESIGN FOR A KEY OR THE LIKE
Walter F. Rothe, Washington, D. C.
Application September 6, 1946, Serial No. 133,113
Term of patent 14 years
(Cl. D50—4)



The ornamental design for a key or the like, substantially as shown and described.

150,890
DESIGN FOR A BOTTLE
Herbert Rubin, New York, N. Y.
Application January 4, 1947, Serial No. 135,945
Term of patent 3½ years
(Cl. D58—8)



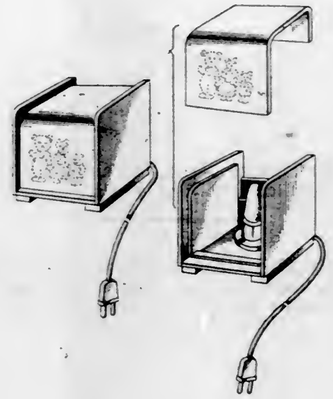
The ornamental design for a bottle, substantially as shown.

150,891
DESIGN FOR A BOTTLE
Herbert Rubin, New York, N. Y.
Application January 4, 1947, Serial No. 135,946
Term of patent 3½ years
(Cl. D58—8)



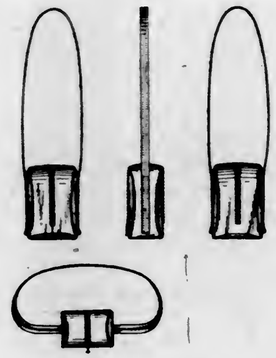
The ornamental design for a bottle, substantially as shown.

150,892
DESIGN FOR A LAMP OR THE LIKE
Irving Sacks, Brooklyn, N. Y.
Application March 6, 1947, Serial No. 137,408
Term of patent 3½ years
(Cl. D48—20)



The ornamental design for a lamp or the like, substantially as shown and described.

150,893
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Jerome S. Singer, New York, N. Y.
Application November 4, 1947, Serial No. 142,299
Term of patent 14 years
(Cl. D87—3)



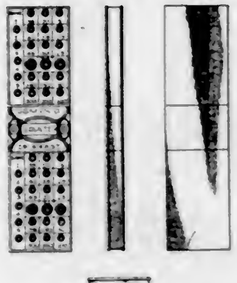
The ornamental design for a handbag or similar article, substantially as shown.

150,894
DESIGN FOR A FOLDING ROCKING CHAIR OR SIMILAR ARTICLE
Herman A. Smith, New York, N. Y.
Application March 21, 1947, Serial No. 137,794
Term of patent 7 years
(Cl. D15—6)



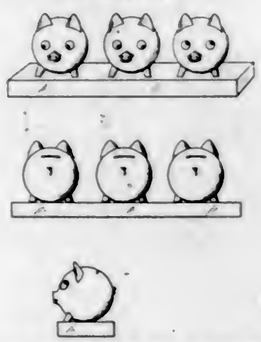
The ornamental design for a folding rocking chair or similar article, as shown.

150,895
DESIGN FOR A GAME COUNTING BOARD
Luther F. Stewart, Brownwood, Tex.
Application May 29, 1947, Serial No. 139,358
Term of patent 7 years
(Cl. D34—5)



The ornamental design for a game counting board, as shown and described.

150,896
DESIGN FOR A CHILD'S BANK
Katherine Heinrich Stovner, Denver, Colo.
Application March 24, 1947, Serial No. 137,843
Term of patent 7 years
(Cl. D34—11)



The ornamental design for a child's bank, as shown.

150,897
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,214
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,898
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,215
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,899
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,216
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,900
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,217
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,901
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,218
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress substantially as shown.

150,902
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,219
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,903
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,220
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,904
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,223
Term of patent 3½ years
(Cl. D3—26)



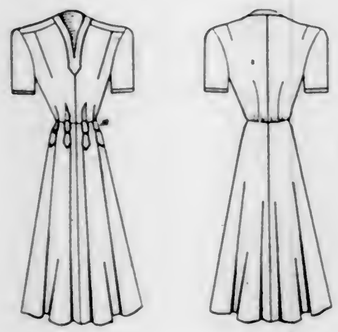
The ornamental design for a dress, substantially as shown.

150,905
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,226
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,906
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,227
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,907
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,228
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

150,908
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,229
Term of patent 3½ years
(Cl. D3—26)



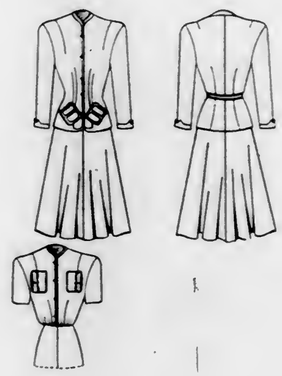
The ornamental design for a dress, substantially as shown.

150,909
DESIGN FOR A COAT
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,230
Term of patent 3½ years
(Cl. D3—4)



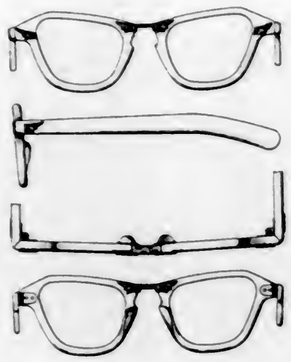
The ornamental design for a coat, substantially as shown.

150,910
DESIGN FOR A DRESS ENSEMBLE
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,231
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress ensemble, substantially as shown and described.

150,911
DESIGN FOR A SPECTACLE FRAME
Vincent Tanasso, Harrison, N. Y.
Application November 13, 1947, Serial No. 142,513
Term of patent 7 years
(Cl. D57—1)



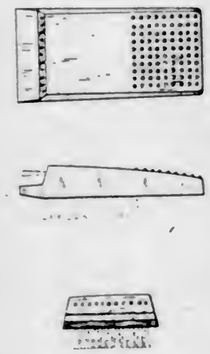
The ornamental design for a spectacle frame, as shown and described.

150,912
DESIGN FOR A COMBINED DRAWER PULL AND LABEL HOLDER
Gilbert Stanley Underwood, Washington, D. C.
Application December 9, 1946, Serial No. 135,360
Term of patent 3½ years
(Cl. D10—8)



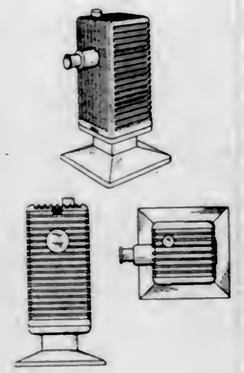
The ornamental design for a combined drawer pull and label holder, as shown and described.

150,913
DESIGN FOR A HAND AND NAIL BRUSH
Franz Wagner, Chicago, Ill., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application October 14, 1946, Serial No. 133,948
Term of patent 3½ years
(Cl. D9—2)



The ornamental design for a hand and nail brush, substantially as shown and described.

150,914
DESIGN FOR A PICTURE PROJECTOR
Herman Wolfer, Trenton, N. J., and Milton Marder, Morton, Pa.
Application July 3, 1947, Serial No. 140,090
Term of patent 3½ years
(Cl. D61—1)



The ornamental design for a picture projector, as shown.

Official Gazette

UNITED STATES PATENT OFFICE

Department of Commerce
CHARLES SAWYER, *Secretary*

U. S. Patent Office
LAWRENCE C. KINGSLAND, *Commissioner*

PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

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Trade-Marks	150	No. 440,528 to No. 440,677, inclusive
T. M. (Act of 1946)	178	No. 502,047 to No. 502,224, inclusive
T. M. Renewals	110	
Reissues	1	No. 23,038
Patents	495	No. 2,449,042 to No. 2,449,536, inclusive
Designs	109	No. 150,915 to No. 151,023, inclusive
Total	1,043	

Patents expiring: Patent Numbers 1,822,872 to 1,823,869, inclusive, issued September 15, 1931, expire September 15, 1948

Condition of Applications Under Examination at Close of Business Aug. 31, 1948

Total number of patent applications awaiting action, 155,654. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	3-19-47	1-23-47	2855
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-2-47	8-12-46	3072
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	11-4-47	11-7-47	1472
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	1-2-47	2-6-47	3069
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	1-27-47	9-3-46	1861
6. SURLE, H., Carbon Chemistry (part)	9-24-47	8-9-47	1848
7. HANLIN, GEORGE, Optics; Photographic Apparatus	12-1-47	7-21-47	1683
8. LEWIS, E. O., (Acting), Furniture; Racks and Cabinets	11-15-46	7-16-46	4413
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	6-5-47	1-7-47	2236
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	12-6-47	11-12-47	1714
11. BENHAM, E. V., Boots, Shoes, and Leggings, Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	11-18-46	12-22-47	766
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	9-24-47	9-6-46	2139
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	9-3-46	2422
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	11-8-47	9-3-47	1374
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	6-7-47	2-12-47	2106
16. LOVEWELL, N. N., Television; Telephony	10-15-47	6-12-47	1482
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	2-27-47	9-18-46	2104
18. HURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	6-12-47	8-28-46	1982
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	7-19-47	12-4-46	1946
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	3-10-47	11-18-46	2026
21. MADER, R. C., Textiles	10-11-47	8-7-47	1211
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	10-2-47	11-13-46	1751
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	9-6-47	7-24-46	1245
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	8-25-47	8-5-47	2606
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	9-20-47	1-20-47	1776
26. YOUNG, R. R., Electricity—Generation and Motive Power	12-4-47	11-20-46	1339
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	6-16-47	12-4-46	3460
28. SOLYOM, H. L., Heating; Internal-Combustion Engines (part); Cylinders; Pistons	7 24-47	7-30-47	1090
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	2-4-47	1-9-47	3179
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	12-1-47	7-5-47	1309
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	12-11-47	12-9-47	2170
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	2-29-47	9-20-46	3220
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	1-2-47	9-5-46	3509
34. SAPERSTEIN, S., Electricity—Transmission of Vehicles; Railways; Track Sanders; Signals and Indicators	12-31-46	8-19-46	1546
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	4-17-47	10-17-46	3269
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11-4-46	9-9-46	1965
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	10-27-47	2-7-47	1421
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	6-3-47	4-19-47	1901
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	3-7-47	7-27-46	3004
40. DRUMMOND, E. J., Receptacles (part); Packages	10-17-47	10-16-46	3255
41. HERTZ, M., Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	1-8-47	9-4-46	2855
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	12-11-47	10-17-47	1195
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	11-12-47	10-10-47	1352
44. HARVEY, L. P., Refrigeration; Preserving	9-28-46	7-22-46	1102
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring Weight and Horsepower Motors.	2-7-47	9-23-46	2934
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles	5-17-47	8-2-46	1893

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 155,654. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	11-28-47	5-21-47	2206
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	12-1-47	2-24-47	1564
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	1-3-47	5-28-47	1548
50. LEVIN, SAMUEL, Synthetic Resins	11-24-47	7-9-47	2230
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	12-1-47	5-6-47	1835
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	9-22-47	12-9-46	3872
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	3-7-47	8-5-46	3676
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	12-2-47	6-13-47	1794
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	7-1-47	5-15-47	2007
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	10-21-47	10-8-47	1068
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys	11-2-46	8-24-46	3630
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-17-46	10-24-46	2150
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	7-22 47	3-10-47	1981
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	12-16 47	5-7-47	1450
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-7-46	3577
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	4-2-47	9-3-46	1975
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9 8-47	7-3-47	1499
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	1-26 48	1-22-48	1649
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	12-3-47	5-27-47	2078
66. LISANN, L., Geometrical Instruments	3-20-47	4-16-46	2111
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	6-21-47	4-12-47	2064
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	12-18-47	6-17-47	1469
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	5-8-47	11-1-46	1766
DESIGNS: BREHM, G. L.	1-2-47	1-2-48	7867

Total number of trade-mark applications awaiting action (including renewals and republications) 40,802. Date of oldest new application, Aug. 19, 1947; date of oldest amended application, Mar. 5, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	11-28-47	6-10-48	3108
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-15-47	3-16-48	5469
3. SUMMERS, G. S., Classes 13, 21, 23, 26	8-19-47	3-22-48	4721
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-23-47	3-24-48	4476
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	10-1-47	3-11-48	3479
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-14-47	6-5-48	3340
7. KEYS, O. M., Classes 16, 19, 55	9-2-47	3-5-48	2225
8. GEDIMAN, H. W. Renewals	7-8-48	8-7-48	73
8. GEDIMAN, H. W. Republications — All Classes	10-6-47	8-10-48	13911

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

A B C Distributors: *See*—
Thornton Co., John C.

Airken, Inc., New York, N. Y. Diaper odor counteractant. Serial No. 550,641, Sept. 14. Class 6.

Allen Manufacturing Co., W. D., Chicago, Ill. Separable hose couplings, and hose menders. Serial No. 517,447, Sept. 14. Class 13.

Altone Chemical Company, Inc., New Orleans, La. Antiseptic mouth wash. Serial No. 552,104, Sept. 14. Class 6.

Amalgamated Dental Company, The, Limited, London, England. Chemical preparations. Serial No. 502,868, Sept. 14. Class 44.

American Alkyd Industries, Carlstadt, N. J. Synthetic varnishes. Serial No. 537,768, Sept. 14. Class 16.

American Cyanamid Company, New York, N. Y. Anti histaminic preparations. Serial No. 544,837, Sept. 14. Class 6.

American Glossite Co., Incorporated, Putnam, Conn. Mechanically grooved phonograph records. Serial No. 540,511, Sept. 14. Class 36.

American Varnish Company, The, Chicago, Ill. Varnishes; ready-mixed, dry, and paste paints; oil and varnish stains; etc. Serial No. 499,461, Sept. 14. Class 16.

Angier Corporation, Framingham, Mass. Adhesive-coated, strand-reinforced paper tape. Serial No. 531,286, Sept. 14. Class 5.

Argus, Incorporated, Ann Arbor, Mich. Photographic lenses. Serial No. 511,195, Sept. 14. Class 26.

Arma Textile Manufacturing Co., Manchester, N. H., and New York, N. Y. Interlining fabrics of combinations of cotton and wool, cotton and hair, wool and hair, etc. Serial No. 498,479, Sept. 14. Class 42.

Atlas Powder Company, Wilmington, Del. Lacquers; varnishes; paints, enamels, etc. Serial No. 514,930, Sept. 14. Class 16.

Avon Products, Inc., New York, N. Y. Shaving cream, shaving stick, toilet soap, etc. Serial No. 536,991, Sept. 14. Class 4.

Bally Manufacturing Co., Chicago, Ill. Ball rolling games having a board and balls. Serial No. 532,200, Sept. 14. Class 22.

Bancroft & Sons Co., Joseph, Wilmington, Del. Piece goods. Serial No. 529,344, Sept. 14. Class 42.

Bancroft & Sons Co., Joseph, Wilmington, Del. Piece goods. Serial No. 529,346, Sept. 14. Class 42.

Barret Textile Corporation, New York, N. Y. Plastic coated textile fabrics of cotton, wool, silk, etc. Serial No. 517,397, Sept. 14. Class 42.

Bartlett-Collins Company, Sapulpa, Okla. Oyster cocktail glasses, sherbet glasses, glass tumblers, etc. Serial No. 528,906, Sept. 14. Class 33.

Baxter Laboratories, Inc., Glenview, Ill. Injectable pyrogen. Serial No. 534,592, Sept. 14. Class 6.

Bell & Howell Company, Chicago, Ill. Projection lenses. Serial No. 529,562, Sept. 14. Class 26.

Bell & Howell Company, Chicago, Ill. Projector stands. Serial No. 529,571, Sept. 14. Class 26.

Bell & Howell Company, Chicago, Ill. Photographic lenses. Serial No. 531,293, Sept. 14. Class 26.

Bemis Bro. Bag Company, St. Louis, Mo. Bags made from laminated material composed of layers of textile and paper. Serial No. 526,844, Sept. 14. Class 2.

Benrose Fabrics Corporation, New York, N. Y. Textile fabrics in the piece of silk and synthetic fibers. Serial No. 536,490, Sept. 14. Class 42.

Bett-Morr Orchards, Inc., Charles-Town, W. Va. Fresh apples. Serial No. 532,798, Sept. 14. Class 46.

Big Giant, Inc., Fargo, N. Dak. Potato chips. Serial No. 522,314, Sept. 14. Class 46.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Jellies, jams, fruit butters, etc. Serial No. 527,320, Sept. 14. Class 46.

Bob-O-Link, Inc., New York, N. Y. Curtains, and drapes of rayon, cotton, silk, etc. Serial No. 516,660, Sept. 14. Class 42.

Bolzelle & Eisinger Corporation, Rockville, Md. Bagatelle type amusement game. Serial No. 539,123, Sept. 14. Class 22.

Boles, Donald R., doing business as Boles Mfg. Co., Burbank, Calif. House trailers. Serial No. 537,869, Sept. 14. Class 19.

Boles Mfg. Co.: *See*—
Boles, Donald R.

Boorum & Pease Company, Brooklyn, N. Y. Loose leaf paper. Serial No. 533,130, Sept. 14. Class 37.

Botany Mills, Inc.: *See*—
Botany Worsted Mills.

Botany Mills, Inc., Passaic, N. J. Woolen fabrics in the piece. Serial No. 550,116, Sept. 14. Class 42.

Botany Worsted Mills, now by change of name Botany Mills, Inc., Passaic, N. J. Woolen piece goods. Serial No. 511,448, Sept. 14. Class 42.

Boysen, Walter N., Co., Oakland, Calif. Paints both paste and liquid, varnishes, etc. Serial No. 522,721, Sept. 14. Class 16.

Brazier, John S., doing business as Brazier's Laboratory, Donaldsonville, La. Preparation for the relief of rheumatism, arthritis, and neuralgia. Serial No. 551,513, Sept. 14. Class 6.

Brazier's Laboratory: *See*—
Brazier, John S.

Brezner, N., & Co., Inc., Boston, Mass. Upper leathers. Serial No. 540,375, Sept. 14. Class 1.

Brno Arms Factory, National Corporation: *See*—
Zbrojovka Brno, N. P.

Bruce's Juices, Inc., Tampa, Fla. Canned citrus fruit meats in juice syrup. Serial No. 500,275, Sept. 14. Class 46.

Burrell-Dugger Company, Indianapolis, Ind. Poultry worming compound. Serial No. 551,764, Sept. 14. Class 6.

Burwood Products Company, Traverse City, Mich. Candy boxes; card boxes; bud vases, etc. Serial No. 513,494, Sept. 14. Class 2.

California Marine Curing & Packing Co., Terminal Island, Calif. Canned tuna. Serial No. 536,232, Sept. 14. Class 46.

Cardinet Candy Company, Inc., Oakland, Calif. Candy. Serial No. 544,657; Sept. 14. Class 46.

Carter Dry Goods Company, Incorporated, Louisville, Ky. Tobacco bed covers. Serial No. 521,432, Sept. 14. Class 42.

Caterpillar Tractor Co., Peoria, Ill. Electric generators and Diesel electric generator sets and parts for said products. Serial No. 540,642, Sept. 14. Class 21.

Century Ribbon Mills, Inc., New York, N. Y. Ribbons in cut lengths and in reels. Serial No. 537,005, Sept. 14. Class 42.

Cheesteak Company, The: *See*—
Eckhoff, Orville E.

Chicago and North Western Railway Company, Chicago, Ill. Railway freight and passenger transportation services. Serial Nos. 528,058–9, Sept. 14. Class 55.

Chicago Paints, Inc., Chicago, Ill. Ready-mixed paints, wood stains, and paint enamels. Serial No. 538,371, Sept. 14. Class 16.

Church & Dwight Co. Inc., New York, N. Y. Baking soda and bicarbonate of soda. Serial No. 518,824, Sept. 14. Class 4.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, washing soda, monohydrated carbonate of soda, etc. Serial No. 526,778, Sept. 14. Class 6.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, washing soda, monohydrated carbonate of soda, etc. Serial No. 526,797, Sept. 14. Class 4.

Cincinnati Clock & Instrument Co., Cincinnati, Ohio. Instrument for testing and analyzing circuit breakers. Serial No. 531,652, Sept. 14. Class 26.

Clearwater Finishing Company, Clearwater, S. C. Piece goods of wool, cotton, rayon, etc. Serial No. 543,420, Sept. 14. Class 42.

Cold Par Products Co. Inc., New York, N. Y. Soap and soap compounds. Serial No. 531,462, Sept. 14. Class 4.

Coleman, George D., Aberdeen, Miss. Preparations for the hair and scalp. Serial No. 549,421, Sept. 14. Class 6.

Colorado Fuel and Iron Corporation, The, Denver, Colo. Wire fencing. Serial No. 523,649, Sept. 14. Class 13.

Columbia Records, Inc., Bridgeport, Conn. Mechanically grooved phonograph records and record blanks. Serial No. 544,550, Sept. 14. Class 36.

Columbus McKinnon Chain Corporation, Tonawanda, N. Y. General purpose chains. Serial No. 510,425, Sept. 14. Class 13.

Contact Lens Service, Inc., New York, N. Y., assignor to Precision Contacts, Inc., Minneapolis, Minn., now by change of name Precision-Contact Company, Inc. Eye impression material. Serial No. 538,725, Sept. 14. Class 44.

Courtley, Ltd., New York, N. Y. Soaps, and shaving creams and soaps. Serial No. 524,302, Sept. 14. Class 4.

Courtley, Ltd., New York, N. Y. Shaving creams. Serial No. 524,303, Sept. 14. Class 4.

Coutinho, Henri, doing business as The Sintos Co., New York, N. Y. Cough syrup. Serial No. 548,805, Sept. 14. Class 6.

Cover, S. E., Andrews, N. C. Preparation for the treatment of athlete's foot, and itching toes. Serial No. 551,694, Sept. 14. Class 6.

Covey, Luther, doing business as Covey Sheet Metal Works, Holdenville, Okla. Water cans and heat insulated water coolers. Serial No. 513,031, Sept. 14. Class 2.

Covey Sheet Metal Works: *See*—
Covey, Luther.

Covina Orange Growers Association, Covina, Calif. Fresh citrus fruit. Serial No. 539,854, Sept. 14. Class 46.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,105, Sept. 14. Class 42.

Crown Cork & Seal Company, Inc., Baltimore, Md. Packing containers made from glass. Serial No. 543,001, Sept. 14. Class 33.

Dan River Mills, Incorporated, Danville, Va. Cotton piece goods. Serial No. 548,720, Sept. 14. Class 42.

Davis & Catterall, New York, N. Y. Cotton piece goods. Serial No. 531,579, Sept. 14. Class 42.

Davis and Company, Charles C., Chicago, Ill. Twine, string, sash cord, etc. Serial No. 519,179, Sept. 14. Class 7.

Delaware Valley Chemicals, Inc., Easton, Pa. Hand cream. Serial No. 543,146, Sept. 14. Class 6.

Denison Cotton Mill Co., Denison, Tex. Cotton duck. Serial Nos. 550,028–9, Sept. 14. Class 42.

Denison Cotton Mill Co., Denison, Tex. Cotton duck. Serial No. 550,314, Sept. 14. Class 42.

Dewey Portland Cement Company, Kansas City, Mo. Portland cement and masons cement. Serial No. 537,295, Sept. 14. Class 12.

Di Giovanni, Mary, doing business as Royal Kings Row Products, Brooklyn, N. Y. Cleansing cream. Serial No. 531,996, Sept. 14. Class 6.

Diversey Corporation, The, Chicago, Ill. Cleanser in liquid form. Serial No. 513,810, Sept. 14. Class 4.

Diversey Corporation, The, Chicago, Ill. Scale and milkstone deposit remover in powdered form. Serial No. 534,881, Sept. 14. Class 4.

Douglass, Wylie B., doing business as Warner Distributing Co., Chicago, Ill. Candies, viz. Swedish mints. Serial No. 536,879, Sept. 14. Class 46.

Dyer, B. W., & Company, New York, N. Y. Broker in sugar, syrup, and molasses. Serial No. 531,654, Sept. 14. Class 55.

Eagle Pencil Company, New York, N. Y. Ball pointed fountain pens. Serial No. 505,344, Sept. 14. Class 37.

Eaton Laboratories, Inc., Norwich, N. Y. Antacid preparations. Serial No. 552,443, Sept. 14. Class 6.

Eckart, Charles, Company, The: *See*—
Eckart, Charles G.

Eckart, Charles G., doing business as The Charles Eckart Company, Los Angeles, Calif. Mechanically grooved phonograph records. Serial No. 537,794, Sept. 14. Class 36.

Eckhoff, Orville E., doing business as The Cheesteak Company, San Antonio, Tex. Electric combination broiler, grill, and warming oven, and parts thereof. Serial No. 541,523, Sept. 14. Class 21.

Elward Valves, Inc., East Chicago, Ind. Valve stem operating mechanism for fluid control valves. Serial No. 519,383, Sept. 14. Class 13.

Empire Manufacturing Company, Amarillo, Tex. Radio receiving sets. Serial No. 542,300, Sept. 14. Class 21.

Esterbrook Pen Company, The, Camden, N. J. Fountain pens and parts thereof. Serial No. 536,246, Sept. 14. Class 37.

Eugene, Ltd., Brooklyn, N. Y. Electric hair driers, permanent hair waving machines and parts thereof. Serial No. 539,142, Sept. 14. Class 44.

Eugene, Ltd., Brooklyn, N. Y. Hair tint. Serial No. 540,653, Sept. 14. Class 6.

Evans Coffee Co., David G., St. Louis, Mo. Tea, coffee, vanilla extract. Serial No. 517,295, Sept. 14. Class 46.

Exeter Manufacturing Company, Exeter, N. H. Cotton piecegoods. Serial No. 521,803, Sept. 14. Class 42.

Fairy Silk Mills, Shillington, Pa., and New York, N. Y. Tricot and milanese fabrics in the piece. Serial No. 479,384, Sept. 14. Class 42.

Feller-Jones Corporation, New York, N. Y. Moth proofing fluid. Serial No. 549,142, Sept. 14. Class 6.

Firestone Tire & Rubber Company, The, Akron, Ohio. Vehicle suspensions. Serial No. 497,854, Sept. 14. Class 19.

Flour Mills of America, Inc., Kansas City, Mo. Poultry and stock feeds. Serial No. 509,084, Sept. 14. Class 46.

Folker Fabrics Corporation, New York, N. Y. Textile fabrics in the piece, of silk, rayon, and combinations thereof. Serial No. 541,828, Sept. 14. Class 42.

Folker Fabrics Corporation, New York, N. Y. Textile fabrics in the piece, of rayon, silk, and mixtures thereof. Serial No. 542,456, Sept. 14. Class 42.

Forman, W. S., Co.: *See*—
Forman, William S.

Forman, William S., doing business as W. S. Forman Co., Chicago, Ill. Perfume, hair tonic, shampoo, etc. Serial No. 539,405, Sept. 14. Class 6.

Foster, Charles, & Co., assignor to Charles Foster & Co., Inc., New York, N. Y. Optical goods. Serial No. 524,969, Sept. 14. Class 26.

Foster, Charles, & Co., assignor to Charles Foster & Co., Inc., New York, N. Y. Optical goods. Serial No. 531,658, Sept. 14. Class 26.

Foster, Charles, & Co., Inc.: *See*—
Foster, Charles, & Co.

Fraser Manufacturing Co., Inc., New York, N. Y. Gimp yarn. Serial No. 540,270, Sept. 14. Class 43.

French Fabrics Co., New York, N. Y. Textile fabrics of rayon in the piece. Serial No. 535,313, Sept. 14. Class 42.

Gehrlein, Lawrence J., doing business as Larry's Welding Shop, Erie, Pa. Truck bodies, truck cabs, and tractor cabs. Serial No. 502,972, Sept. 14. Class 19.

General Aniline & Film Corporation, New York, N. Y. Liquid or finely-divided solid organic chemical detergent. Serial No. 557,035, Sept. 14. Class 4.

Gianandrea, N., doing business as Valley Growers Exchange, San Jose, Calif. Fresh vegetables. Serial No. 535,028, Sept. 14. Class 46.

Globe Auto Glass Company, Chicago, Ill. Automobile plate and laminated glass. Serial No. 533,729, Sept. 14. Class 33.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Floor covering in the form of flexible sheets, strips, etc. Serial No. 519,941, Sept. 14. Class 20.

Gregory Electric Company, Chicago, Ill. Electrical apparatus. Serial No. 515,874, Sept. 14. Class 21.

Griffin Engineering Company, Inc., Worthington, Ind. Storage cabinets, stands in the nature of furniture, cupboards and cellarets. Serial No. 490,429, Sept. 14. Class 32.

Griffin Engineering Company, Inc., Worthington, Ind. Storage cabinets, cupboards, chairs for household use, etc. Serial No. 490,430, Sept. 14. Class 32.

Griffin Manufacturing Company, Inc., Brooklyn, N. Y. Liquid preparation for polishing leather shoes. Serial No. 547,627, Sept. 14. Class 4.

Griffith Laboratories, The: *See*—
Griffith Laboratories, Inc., The.

Griffith Laboratories, Inc., The, doing business as The Griffith Laboratories, Chicago, Ill. Seasonings. Serial Nos. 510,169–70, Sept. 14. Class 46.

Guy, Ralph I., doing business as The Rig Company, Glendale, Calif. Vitamin preparation in table form. Serial No. 520,101, Sept. 14. Class 6.

Halper Brothers, Inc., New York, N. Y. Hats and hat bodies. Serial No. 555,718, Sept. 14. Class 39.

Hampden Color and Chemical Company, Springfield, Mass. Ready-mixed paints, colors in oil, paints for masonry, etc. Serial No. 515,835, Sept. 14. Class 16.

Hardware Dealers Mutual Fire Insurance Company, Stevens Point, Wis. Fire and casualty insurance. Serial No. 532,825, Sept. 14. Class 55.

Heddon's, James, Sons, Dowagiac, Mich. Fishing rods. Serial No. 534,121, Sept. 14. Class 22.

Hedwin Corporation, Baltimore, Md. Inflatable mattresses and cushions. Serial No. 525,844, Sept. 14. Class 32.

Hettrick Manufacturing Company, The, Toledo, Ohio. Awning textile fabrics, sold in the bolt. Serial No. 528,477, Sept. 14. Class 42.

Heywood-Wakefield Company, Gardner, Mass. Household and summer furniture both wood and upholstered. Serial No. 532,931, Sept. 14. Class 32.

Hillerich & Bradsby Co., Louisville, Ky. Baseball bats and miniature baseball bats. Serial No. 540,072, Sept. 14. Class 22.

Hoffman, J. S., Company, Chicago, Ill. Cheese. Serial No. 546,929, Sept. 14. Class 46.

Hollingsworth & Whitney Company, Boston, Mass. Tag, bond, and index papers. Serial No. 536,386, Sept. 14. Class 37.

Hollingsworth & Whitney Company, Boston, Mass. Tympan paper. Serial No. 536,392, Sept. 14. Class 37.

Hollingsworth & Whitney Company, Boston, Mass. Wrapping and converting paper. Serial No. 536,395, Sept. 14. Class 37.

Hopkinsville Milling Co., Hopkinsville, Ky. Wheat flour. Serial No. 531,671, Sept. 14. Class 46.

Hotstream Heater Company, the, Cleveland, Ohio. Automatic draft controls. Serial No. 519,395, Sept. 14. Class 34.

Household Paper Products Co., Detroit, Mich. Plastic wardrobe bags, paper bags, paper cups, etc. Serial No. 540,510, Sept. 14. Class 2.

Howard Paper Mills, Inc., Dayton, Ohio. Index paper. Serial No. 529,998, Sept. 14. Class 37.

Hudnut, Richard, New York, N. Y. Cologne. Serial Nos. 532,225–6, Sept. 14. Class 6.

Illinois Farm Supply Company, Chicago, Ill. Motor lubricating oil. Serial No. 522,609, Sept. 14. Class 15.

Industrial Tape Corporation, New Brunswick, N. J. Pressure-sensitive adhesive tape. Serial No. 543,186, Sept. 14. Class 5.

International Harvester Company, Chicago, Ill. Lubricating oil for machinery. Serial No. 504,618, Sept. 14. Class 15.

International Minerals & Chemicals Corporation, Chicago, Ill. Defluorinated phosphate. Serial No. 540,418, Sept. 14. Class 6.

Interstate Sales Co., Waco, Tex. Sachet cream. Serial No. 551,461, Sept. 14. Class 6.

J. M. P. Chemical Company, Bryan, Tex. Herbicides. Serial No. 548,151, Sept. 14. Class 6.

Jacquet, Inc., New York, N. Y. Toilet soaps, bath soaps, and liquid soaps. Serial No. 539,524, Sept. 14. Class 4.

Jems Company: *See*—
Jones, Morris E.

Jensen, Georg, Inc., New York, N. Y. Sheets, pillowcases, crib covers, etc. Serial No. 504,366, Sept. 14. Class 42.

Joanna Western Mills Company, Chicago, Ill. Draperies, upholstery, and drapery fabrics in the piece. Serial No. 536,822, Sept. 14. Class 42.

Joanna Western Mills Company, Chicago, Ill. Coated and waterproofed cloth in the piece. Serial No. 536,823, Sept. 14. 1948. Class 42.

Johnson, Edmund C., Jr., Los Angeles, Calif. Beds and bedding. Serial No. 534,637, Sept. 14. Class 32.

Jones, Morris E., doing business as Jems Company, St. Louis, Mo. Coasters. Serial No. 505,419, Sept. 14. Class 2.

Joseph, Amie L., New York, N. Y. Household utility bucket-type plastic refuse or utility container. Serial No. 514,456, Sept. 14. Class 2.

Keith, Ben E., doing business as Ben E. Keith Company, Fort Worth, Tex. Fresh citrus fruits, fresh deciduous fruits, fresh vegetables. Serial No. 526,245, Sept. 14. Class 46.

Keith, Ben E., Company: *See*—
Keith, Ben E.

Kelling Nut Co., The, Chicago, Ill. Salted and plain nut meats. Serial No. 530,646, Sept. 14. Class 46.

Kellogg Corset Company, Jackson, Mich. Maternity belts, surgical supporting belts. Serial No. 530,828, Sept. 14. Class 44.

Kem Plastic Playing Cards, Inc., New York, N. Y. Playing cards. Serial Nos. 531,483–4, Sept. 14. Class 22.

Kitchen Star Food Products, Cliffside Park, N. J. Jordon almonds and garnishettes. Serial No. 502,643, Sept. 14. Class 46.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars, cigarettes, cheroots, etc. Serial No. 529,773, Sept. 14. Class 17.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars and all-tobacco cigarettes. Serial No. 529,775, Sept. 14. Class 17.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars, cigarettes, and tobacco pipe mixtures. Serial No. 529,777, Sept. 14. Class 17.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars, cigarettes, and smoking and chewing tobacco. Serial No. 529,781, Sept. 14. Class 17.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars. Serial No. 529,782, Sept. 14. Class 17.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars and all-tobacco cigarettes. Serial No. 529,785, Sept. 14. Class 17.

Krauth & Benninghofen, Hamilton, Ohio. Music stands. Serial No. 537,198, Sept. 14. Class 36.

Kron, Bernard, Chicago, Ill. Men's outer shirts. Serial No. 514,206, Sept. 14. Class 39.

Lange, M., Beauty Products: *See*—
Lange, Wilfred H.

Lange, Wilfred H., doing business as M. Lange Beauty Products, Rochester, N. Y. Shampoo. Serial No. 547,464, Sept. 14. Class 6.

Larry's Welding Shop: *See*—
Gehrlein, Lawrence J.

Lawrence Company, The: *See*—
Lawrence, Edith.

Lawrence, Edith, doing business as The Lawrence Company, Laguna Beach, Calif. Perfumes. Serial No. 552,248, Sept. 14. Class 6.

Lorillard, P., Company, New York, N. Y. Cigarettes. Serial No. 536,912, Sept. 14. Class 17.

Los Angeles Soap Company, Los Angeles, Calif. Soap. Serial No. 530,744, Sept. 14. Class 4.

Luxana, S. A., Barcelona, Spain. Cosmetic and beauty preparations. Serial No. 541,004, Sept. 14. Class 6.

Lyndonville Canning Company, Inc., Lyndonville, N. Y. Canned apple sauce and canned peas. Serial No. 518,086, Sept. 14. Class 46.

Mahler, Oscar, doing business as The Techema Company, Toronto, Ontario, Canada. Paint remover. 492,347, Sept. 14. Class 16.

Malvern Brick and Tile Company, Malvern, Ark. Fire brick. Serial No. 536,263. Class 12.

Marsh Stencil Machine Company, Belleville, Ill. Oiled stencil board. Serial No. 542,220, Sept. 14. Class 37.

Marshall Field & Company, Chicago, Ill. Bath and hand towels, wash cloths, and bath mats. Serial No. 549,536, Sept. 14. Class 42.

Mayflower Manufacturing Company, Dallas, Tex. Gift wrappings. Serial No. 506,825, Sept. 14. Class 37.

McCullough Tool Company, Los Angeles, Calif. Gun perforating testing in connection with oil wells. Serial No. 528,069, Sept. 14. Class 55.

Mead Johnson & Company, Evansville, Ind. Specially prepared dried milk. Serial No. 541,755, Sept. 14. Class 46.

Medicine For Children, Incorporated, San Francisco, Calif. Nose drops, antipyretic tablets, vapor inbalant, etc. Serial No. 535,061, Sept. 14. Class 6.

Meliex Products Company, assignee: *See*—
Warford, L. E.

Merkin Paint Co., Inc., M. J., New York, N. Y. White paint in liquid form. Serial No. 539,068, Sept. 14. Class 16.

Micket, John P., doing business as Torrington Mattress Co., Torrington, Conn. Mattresses, box springs, studio beds, and sofa beds. Serial No. 513,944, Sept. 14. Class 32.

Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Agricultural machinery. Serial No. 528,361, Sept. 14. Class 23.

Minnesota Consolidated Canneries, Inc., Minneapolis, Minn. Canned vegetables. Serial No. 536,268, Sept. 14. Class 46.

Minnesota Mining & Manufacturing Company, St. Paul, Minn. Rust, corrosion and abrasive resistant rubberized coating material, in sprayable form. Serial No. 521,356, Sept. 14. Class 16.

Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Rugs and carpets. Serial No. 541,690, Sept. 14. Class 42.

Monarch Soap & Chemical Co., Minneapolis, Minn. Wetting agent. Serial No. 541,869, Sept. 14. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Textile fabrics. Serial Nos. 520,051–2, Sept. 14. Class 42.

Montgomery Sales Corp., New York, N. Y. Golf balls. Serial No 534,912, Sept. 14. Class 22.

Moore-McCormack Lines, Inc., New York, N. Y. Shipping service. Serial No. 536,705, Sept. 14. Class 55.

Mountainaire Company: *See*—
Outboard, Marine & Manufacturing Company.

Multi-Clean Products, Incorporated, St. Paul, Minn. Electrically operated floor polisher and cleaners. Serial No. 531,047, Sept. 14. Class 21.

Mundet Cork Corporation, Brooklyn and New York, N. Y. Cork discs. Serial No. 521,598, Sept. 14. Class 50.

National Association of Real Estate Boards, Chicago, Ill. Services in connection with the brokerage of real estate, etc. Serial No. 540,011–12, Sept. 14. Class 55.

National Association of Real Estate Boards, Chicago, Ill. Services in connection with the brokerage of real estate. Serial No. 540,015, Sept. 14. Class 55.

National Wax Company, Chicago, Ill. Compounded petroleum wax. Serial No. 540,441, Sept. 14. Class 1.

Nekoosa-Edwards Paper Company, Port Edward, Wis. Bond, ledger, and duplicating paper. Serial No. 533,599, Sept. 14. Class 37.

Nekoosa-Edwards Paper Company, Port Edward, Wis. Bond, ledger, and duplicating paper. Serial No. 533,601, Sept. 14. Class 37.

Nicro Steel Products, Incorporated, Chicago, Ill. Non-electric coffee pots and coffee makers, etc. Serial No. 508,544, Sept. 14. Class 13.

Norgine Laboratories, Inc., New York, N. Y. Medicinal preparation for the treatment of indigestion. Serial No. 551,576, Sept. 14. Class 6.

O'Brien, Vincent P., Belle Harbor, New York, N. Y. Christmas tree ornaments made of plastic materials. Serial No. 514,059, Sept. 14. Class 50.

Ohio Brass Company, The, Mansfield, Ohio. Electric connectors, electric conductors, and electric rail bonds. Serial No. 511,570, Sept. 14. Class 21.

Ohio Brass Company, The, Mansfield, Ohio. Electrical apparatus and supplies for electric conductors. Serial No. 522,914, Sept. 14. Class 21.

Ohio Oil Company, The, Findlay, Ohio. Lubricating oils and greases. Serial No. 534,460, Sept. 14. Class 15.

Outboard, Marine & Manufacturing Company, assignor to Mountainaire Company, Galesburg, Ill. Room coolers. Serial No. 445,505, Sept. 14. Class 34.

Owen Company, R. C., Gallatin, Tenn. Chewing tobacco. Serial No. 521,275, Sept. 14. Class 17.

Palm Brothers Decalcomania Company, The, Cincinnati, Ohio. Decalcomanias. Serial No. 535,597, Sept. 14. Class 38.

Parker, I. C., Fort Worth, Tex. Ice cream confection. Serial No. 518,317, Sept. 14. Class 46.

Parker, I. C., Fort Worth, Tex. Ice cream confection. Serial No. 519,412, Sept. 14. Class 46.

Peacock, C. D., Inc., Chicago, Ill. Silver polish. Serial No. 528,736, Sept. 14. Class 4.

Pep Boys, Mannie, Moe & Jack, The, Philadelphia, Pa. Pneumatic rubber tires, pneumatic tire casings, and tubes. Serial No. 534,666, Sept. 14. Class 35.

Perrygraf Corporation, Maywood, Ill. Printed slide-charts showing percentage possibilities of various poker hands. Serial No. 524,078, Sept. 14. Class 26.

Pharma-Craft Corporation, The, New York, N. Y. Medicated ointment. Serial No. 551,816, Sept. 14. Class 6.

Pilot Radio Corporation, Long Island City, N. Y. Phonograph records of the mechanically grooved type. Serial No. 496,269, Sept. 14. Class 36.

Precision-Contact Company, Inc.: *See*—
Contact Lens Service, Inc.

Precision Contacts, Inc.: *See*—
Contact Lens Service, Inc.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser and detergent. Serial No. 527,681, Sept. 14. Class 4.

Profile Company, Inc., Chicago, Ill. Chin straps. Serial No. 537,501, Sept. 14. Class 44.

Queen Creek Potato Growers Association, Phoenix, Ariz. Fresh potatoes. Serial No. 516,430, Sept. 14. Class 46.

Railley Corporation, Cleveland, Ohio. Electric lamp shades. Serial No. 511,502, Sept. 14. Class 21.
Red Spot Paint & Varnish Co., Inc., Evansville, Ind. Synthetic type of soap and grease remover. Serial No. 520,650, Sept. 14. Class 4.
Reliance Gauge Column Company, The, Cleveland, Ohio. Liquid level column, liquid level controls, etc. Serial No. 529,698, Sept. 14. Class 26.
Rhinelander Paper Company, Rhinelander, Wis. Glassine paper. Serial No. 533,617, Sept. 14. Class 37.
Rhinelander Paper Company, Rhinelander, Wis. Wrapping paper. Serial No. 533,619, Sept. 14. Class 37.
Richman, Wm., Supply Corp., New York, N. Y. Plastic dinnerware. Serial No. 526,292, Sept. 14. Class 2.
Rig Company, The: *See*—
Guy, Ralph I.
Robinson & Cleaver Limited, London, England. Linen and hemp piece goods. Serial No. 525,407, Sept. 14. Class 42.
Rosenholz, J., Inc., New York, N. Y. Rayon piece goods, cotton piece goods, and combinations of the same. Serial No. 541,727, Sept. 14. Class 42.
Rosenholz, J., Inc., New York, N. Y. Piece goods of rayon, cotton, and of mixtures of rayon and cotton. Serial No. 541,747, Sept. 14. Class 42.
Rosenstein Bros., Paterson, N. J. Piece goods of rayon and cotton twill and mixtures thereof. Serial No. 518,696, Sept. 14. Class 42.
Royal Dalton, Ltd., St. Louis, Mo. Reticules or utility bags. Serial No. 509,603, Sept. 14. Class 3.
Royal Kings Row Products: *See*—
Di Giovanni, Mary.
Rubey, Mildred S., Jeffersonville, Ind. Medicated cloth for treatment of the skin. Serial No. 512,022, Sept. 14. Class 6.
Scholler Brothers, Inc., Philadelphia, Pa. Chemicals for control of chlorination. Serial No. 524,487, Sept. 14. Class 6.
Scopicon Inc., New York, N. Y. Micro-projectors, auxiliary power units therefor. Serial No. 516,735, Sept. 14. Class 26.
Scott Radio Laboratories Incorporated, Chicago, Ill. Radio receiving sets, radio receiving apparatus. Serial No. 540,462, Sept. 14. Class 21.
Seibiltx Paint & Varnish Co., Kansas City, Mo. Liquid substitute for turpentine. Serial No. 536,159, Sept. 14. Class 16.
Selig Company, The, Atlanta, Ga. Preparation for cleaning and polishing aluminum. Serial No. 531,853, Sept. 14. Class 4.
Shatterproof Glass Corporation, Detroit, Mich. Laminated safety sheet and plate glass. Serial No. 516,152, Sept. 14. Class 33.
Shell Oil Company, Incorporated, San Francisco, Calif. Insecticides. Serial No. 554,332, Sept. 14. Class 6.
Sherman Products: *See*—
Sherman, Sol.
Sherman, Sol, doing business as Sherman Products, New York, N. Y. Bow-ties, neckties, outer shirts, etc. Serial No. 528,588, Sept. 14. Class 39.
Shiba, Bob, Orosi, Calif. Fresh tomatoes. Serial No. 529,714, Sept. 14. Class 46.
Sinn, Donald, Apiaries: *See*—
Sinn, Donald T.
Sinn, Donald T., doing business as Donald Sinn Apiaries, Tulare, Calif. Honey. Serial No. 508,445, Sept. 14. Class 46.
Sintos Co., The: *See*—
Coutinho, Henri.
Smith, Floyd N., doing business as Floyd N. Smith Co., Phoenix, Ariz. Fresh vegetables. Serial No. 501,143, Sept. 14. Class 46.
Smith, Floyd N., Co.: *See*—
Smith, Floyd N.
Spallino, Anthony, Niagara Falls, N. Y. Prepared, sterilized potting soil. Serial Nos. 540,329–30, Sept. 14. Class 1.
Stanley Home Products, Inc., Westfield, Mass. Periodicals published from time to time. Serial No. 540,932, Sept. 14. Class 38.
Stayner Corporation, Berkeley, Calif. Vitamin preparations. Serial No. 512,463, Sept. 14. Class 6.
Steeds-Prall Company, assignor to T. A. Steeds, Cleveland, Ohio. Coasters. Serial No. 502,238, Sept. 14. Class 2.
Steeds, Thomas A.: *See*—
Steeds-Prall Company.
Steele, J. W., & Co., North Kansas City, Mo. Envelope or letter opening devices, comprising a cutter and manually operable holding means therefor. Serial No. 533,070, Sept. 14. Class 37.
Sterling Plastics Co., Union, N. J. Salt and pepper shaker sets formed of synthetic resinous compositions. Serial No. 532,967, Sept. 14. Class 2.
Strasenburgh, R. J., Company, Rochester, N. Y. Medicinal preparation in tablet form. Serial No. 548,698, Sept. 14. Class 6.
Strawbridge & Clothier, Philadelphia, Pa. Pianos and non-electrical phonographs. Serial No. 535,647, Sept. 14. Class 36.
Strawbridge & Clothier, Philadelphia, Pa. Lamp shades. Serial No. 539,226, Sept. 14. Class 34.
Street & Smith Publications, Inc., New York, N. Y. Column in a periodical publication. Serial No. 551,663, Sept. 14. Class 38.
Street & Smith Publications, Inc., New York, N. Y. Title for a column in a periodical publication. Serial No. 551,664–7, Sept. 14. Class 38.
Swank, Inc., Attleboro, Mass. Wallets or billfolds. Serial No. 535,756, Sept. 14. Class 3.
Swigart Paper Company, Chicago, Ill. Paper. Serial No. 536,010, Sept. 14. Class 37.
Switzer Brothers, assignor to Switzer Brothers, Inc., Cleveland, Ohio. Fabrics in the piece of natural fibers. Serial No. 503,481, Sept. 14. Class 42.
Switzer Brothers, Inc.: *See*—
Switzer Brothers.
Table Rock Laboratories, Inc., Greenville, S. C. Tablet for the treatment of vitamin deficiencies. Serial No. 527,430, Sept. 14. Class 6.
Techema Company, The: *See*—
Mahler, Oscar.
Technicon Co., The, New York, N. Y. Water baths. Serial No. 517,930, Sept. 14. Class 26.
Teleweld, Inc., Chicago, Ill. Rebuilding rail ends by adding weld metal and grinding, etc. Serial No. 530,350, Sept. 14. Class 44.
Thomson Electric Welder Company, Lynn, Mass. Electric metal-working apparatus. Serial No. 542,799, Sept. 14. Class 21.
Thornton Co., John C., doing business as A B C Distributors, Terre Haute, Ind. Foods. Serial No. 518,737, Sept. 14. Class 46.
Torrington Mattress Co.: *See*—
Micket, John P.
Tradera Oil Mill Company, Fort Worth, Tex. Peanut flour. Serial No. 518,795, Sept. 14. Class 46.
Tremco Manufacturing Company, The, Cleveland, Ohio. Mastic compound for caulking, glazing, pointing, etc. Serial No. 537,489, Sept. 14. Class 12.
Ulmann, Bernhard, Co. Inc., Long Island City, N. Y. Art needlework yarns made of wool. Serial No. 549,595, Sept. 14. Class 43.
Union Starch & Refining Co., Columbus, Ind. Marshmallow cream. Serial No. 513 992, Sept. 14. Class 46.
Unit Laboratories, Inc., Beaumont, Tex. Calamine lotion. Serial No. 509,802, Sept. 14. Class 6.
United States News Publishing Corporation, Washington, D. C. Periodical publications. Serial No. 539,813, Sept. 14. Class 38.
United States Stoneware Co., The, Talmadge, O. Plastic floor, wall, counter, or furniture covering. Serial No. 536,020, Sept. 14. Class 20.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. Serial No. 548,4[illegible], Sept. 14. Class 6.
Urbana Laboratories, The, Urbana, Ill. Soil testing chemicals. Serial No. 541,612, Sept. 14. Class 6.
Valley Growers Exchange: *See*—
Glanandrea, N.
Velsical Corporation, Chicago, Ill. Hydrocarbon solvents for lacquers and enamels. Serial No. 529,322, Sept. 14. Class 16.
Veronica Olive Oil Company, Oakland, Calif. Vegetable oils. Serial No. 529,115, Sept. 14. Class 46.
Vitaminerals, Inc., Los Angeles, Calif. Analgesic balm, anesthetic ointment, etc. Serial No. 527,630, Sept. 14. Class 6.
Vowel Company, The, St. Louis, Mo. Dog shampoo. Serial No. 539,922, Sept. 14. Class 6.
Warford, L. E., doing business as Meliex Products Company, assignor to Meliex Products Company, Akron, Ohio. Sheet material compounded of rubber. Serial No. 504,722, Sept. 14. Class 20.
Warner Distributing Co.: *See*—
Douglass, Wylie B.
Werk, M., Company, The, St. Bernard, Ohio. Soap. Serial No. 540,948, Sept. 14. Class 4.
Western Advertising, San Francisco, Calif. Monthly periodical. Serial No. 542,380, Sept. 14. Class 38.
Weyand, B. T., doing business as Weyand & Co., Seattle, Wash. Canned salmon. Serial No. 528,972, Sept. 14. Class 46.
Weyand & Co.: *See*—
Weyand, B. T.
Wilton Manufacturing Company, Philadelphia, Pa. Pajamas and particularly pajamas having snugfitting ankle, wrist, and neck openings. Serial No. 533,220, Sept. 14. Class 39.
Windsor-Lloyd Products, Inc., Wilmington, Del. Ignition coils and replacement ignition coils. Serial No. 534,848, Sept. 14. Class 21.
Windsor Textile Co., Inc., New York, N. Y. Pillow cases, sheets, hand towels, bath towels, etc. Serial No. 506,213, Sept. 14. Class 42.
Wohl Shoe Company, St. Louis, Mo. Women's and misses' shoes of leather, fabric and combinations thereof. Serial No. 526,538, Sept. 14. Class 39.
Wood Conversion Company, St. Paul, Minn. Wood fiber compressed in bales. Serial No. 530,883, Sept. 14. Class I.
Wood Conversion Company, St. Paul, Minn. Loosely matted or felted adhesively-bound vegetable fiber in sheet form. Serial No. 530,886, Sept. 14. Class 1.

Wood, John, Manufacturing Company, Inc., Conshohocken, Pa., Chicago, Ill., and Philadelphia, Pa. Gas water heaters and combination boilers. Serial Nos. 543,344–6, Sept. 14. Class 34.
Wright, William E., & Sons Company, West Warren, Mass. Bias fold tape, rufflings, rick rack braid, etc. Serial No. 536,738, Sept. 14. Class 40.
Xterminator Products Corporation, Jersey City, N. J. Insecticide. Serial No. 552,303, Sept. 14. Class 6.
Zbrojovka Brno, Narodal Podnik, doing business as Brno Arms Factory, National Corporation, Brno, Czechoslovakia. Automotive vehicles. Serial No. 541,366, Sept. 14. Class 19.
Zimmerman, Charles H., doing business under the name of Zimmerman Packing Company, Cincinnati, Ohio. Asbestos, duck, fibrous, leather, rubber, and metal packings. Serial No. 526,180, Sept. 14. Class 35.
Zimmerman Packing Company: *See*—
Zimmerman, Charles H.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbo-Craft Company, The, Chicago, Ill. Toy aeroplanes. 502,214, Sept. 14; Serial No. 526,983. Class 22.
Abbott Laboratories: *See*—
Swan-Myers Company.
Abrams, Louis, and Samuel Connig: *See*—
Barton Neckwear Company.
Acme Products Corporation, St. Joseph, Mo. Therapeutic lamp. 502,509, Sept. 14; Serial No. 516,462. Class 44.
Acon Watch Crown Corp., New York, N. Y. Watch cases, watch movements and parts. 440,664, Sept. 14; Serial No. 526,183, published June 8, 1948. Class 27.
Adams, Charles, New Kensington, Pa. Nonalcoholic, noncereal, maltless beverage. 244,221, renewed July 17, 1948. O. G. Sept. 14. Class 45.
Adams Packing Association, Inc.: *See*—
Adams Packing Company, Inc.
Adams Packing Company, Inc., by Adams Packing Association, Inc., Auburndale, Fla. Fresh citrus fruits, and canned citrus fruits, etc., and canned citrus juices. 397,114, Aug. 18, 1942. Republished Sept. 14. Class 46.
Addressograph Company, Chicago, Ill., by Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machines. 70,013, July 21, 1908. Republished Sept. 14. Class 23.
Addressograph-Multigraph Corporation: *See*—
Addressograph Company.
Speedaumat Addressing Machinery, Incorporated.
Aerovox Corporation, New Bedford, Mass. Electrolytic condensers. 502,170, Sept. 14; Serial No. 540,233, published June 8, 1948. Class 21.
Affiliated Retailers, Inc., New York, N. Y. Boys' trousers and slacks. 440,621, Sept. 14; Serial No. 520,314, published May 25, 1948. Class 39.
Airquipment Company, Burbank, Calif. Portable passenger loading stairways. 502,196, Sept. 14; Serial No. 500,511. Class 50.
Albers Packing Company, Riverside, Calif., by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y. Ripe olives. 202,267, Aug. 18, 1925. Republished Sept. 14. Class 46.
Albers Packing Company, Riverside, Calif., by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y. Canned olives. 229,486, June 28, 1927. Republished Sept. 14. Class 46.
Alexander, A. M., Chicago, Ill. Hand cleanser in cream or paste form. 351,041, Oct. 19, 1937. Republished Sept. 14. Class 4.
Allied Chemical & Dye Corporation: *See*—
Barrett Company, The.
Alport, Ivan, New York, N. Y. Men's and boys' hats and caps. 502,091, Sept. 14; Serial No. 530,795, published June 8, 1948. Class 39.
Altoona Mattress Mfg. Company, Inc., Altoona, Pa. Mattresses and box springs. 400,987, Apr. 13, 1942. Republished Sept. 14. Class 32.
Ambrosia Brewing Company, Chicago, Ill. Beer. 415,025, July 10, 1945. Republished Sept. 14. Class 48.
American Art Works, Inc., The, Coshocton, Ohio. Serving trays of metal other than precious metal. 280,213, Feb. 10, 1931. Republished Sept. 14. Class 13.
American Art Works, Inc., The, Coshocton, Ohio. Serving trays of wood, serving trays of wood and metal, etc. 357,990, June 21, 1938. Republished Sept. 14. Class 2.
American Chemical Paint Company, Ambler, Pa. Rust preventing coating oil. 440,629, Sept. 14; Serial No. 521,304, published May 18, 1948. Class 15.
American Cystoscope Makers, Inc., New York, N. Y. Germicide and antiseptic. 502,099, Sept. 14; Serial No. 532,091, published June 8, 1948. Class 6.
American Cystoscope Makers, Inc., New York, N. Y. Preparation used in the treatment of deep infected wounds, and in the treatment of vaginitis, etc. 502,100, Sept. 14; Serial No. 532,092, published June 8, 1948. Class 6.
American Education Press, Inc., Columbus, Ohio. Weekly publication. 241,416, renewed Apr. 24, 1948. O. G. Sept. 14. Class 38.
American Felt Company, Glenville, Conn. Felt pads. 502,215, Sept. 14; Serial No. 528,181. Class 50.
American Manufacturing Corporation, Inc., New Orleans, La. Women's underwear. 343,739, Mar. 2, 1937. Republished Sept. 14. Class 39.
American-Marietta Company: *See*—
Hygienic Products Company, The.
American Medical Glass Company, Washington, D. C. Foot prosthetic devices. 502,194, Sept. 14; Serial No. 497,834. Class 44.
American Radiator & Standard Sanitary Corporation: *See*—
Standard Sanitary Manufacturing Company.
American Society of Tool Engineers, Inc., Detroit, Mich. Periodical publication. 327,967, Sept. 10, 1935. Republished Sept. 14. Class 38.
American Veterans of World War II, Washington, D. C. Organization insignia. 440,552, Sept. 14; Serial No. 503,784, published June 8, 1948. Class 28.
American Wire Fabrics Corporation, New York, N. Y. Wire screening. 246,384, renewed Sept. 4, 1948. O. G. Sept. 14. Class 13.
Anchor Cap & Closure Corporation, Long Island City, N. Y., to Anchor Hocking Glass Corporation, Lancaster, Ohio. Closure caps. 239,742, renewed Mar. 13, 1948. O. G. Sept. 14. Class 50.
Anchor Hocking Glass Corporation: *See*—
Anchor Cap & Closure Corporation.
Angelo Merlino: *See*—
Merlino, A., & Sons.
Anitra, Inc., New York, N. Y. Ladies' coats and suits made of wool, mohair, and llama. 502,161, Sept. 14; Serial No. 538,226, published May 25, 1948. Class 39.
Appleton Electric Company, Chicago, Ill. Reels on which are wound cables for carrying electric current to any desirable translating devices. 502,068, Sept. 14; Serial No. 526,659, published June 1, 1948. Class 21.
Arguimbau & Ramee, New York, by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y. Olives. 80,969, Feb. 21, 1911. Republished Sept. 14. Class 46.
Aristocrat Leather Products, Inc., New York, N. Y. Cigarette cases. 502,104, Sept. 14; Serial No. 532,790, published June 15, 1948. Class 8.
Armo Cooling & Ventilating Co., Inc., New York, N. Y. Air-conditioning apparatus. 440,600, Sept. 14; Serial No. 517,103, published Dec. 30, 1947. Class 34.
Arms, Leland J., San Francisco, Calif. Sound recordings of the magnetized wire type. 440,673, Sept. 14; Serial No. 519,162. Class 21.
Armstrong Cork Company: *See*—
Armstrong Cork & Insulation Company.
Armstrong Cork & Insulation Company, Pittsburgh and Lancaster, Pa., to Armstrong Cork Company, Lancaster, Pa. Boards or sheets made wholly or in part of cork. 250,503, renewed Dec. 11, 1948. O. G. Sept. 14. Class 12.
Arnold Bakers, Inc.: *See*—
Brick Oven Bakers, Inc.
Arnold, Hoffman & Co., Incorporated: *See*—
Hercules Powder Company.
Paper Makers Chemical Corporation.
Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemical products. 356,746–9, May 10, 1938. Republished Sept. 14. Class 6.
Arnold, Hoffman & Co. Incorporated, Providence, R. I. Chemical products. 379,460, July 9, 1940. Republished Sept. 14. Class 6.
Arnold, Hoffman & Co. Incorporated, Providence, R. I. Chemical products. 384,480, Feb. 4, 1941. Republished Sept. 14. Class 6.
Arnold, Hoffman & Co. Incorporated, Providence, R. I. Chemical products. 389,031, July 22, 1941. Republished Sept. 14. Class 6.
Arnold, Hoffman & Co. Incorporated, Providence, R. I. Chemical products. 406,957–8, May 9, 1944. Republished Sept. 14. Class 6.
Arnold, Hoffman & Co. Incorporated, Providence, R. I. Chemical to be added to fire fighting liquid. 430,991, July 1, 1947. Republished Sept. 14. Class 6.
Arnold, Hoffman & Co., Incorporated, Providence, R. I. Coloring products. 431,927, Aug. 12, 1947. Republished Sept. 14. Class 6.
Arnold Milling Co., The, Sterling, Kans. Wheat flour, cereal breakfast food, graham flour, and whole-wheat flour. 348,941, Aug. 17, 1937. Republished Sept. 14. Class 46.
Aronheim, Walter, New York, N. Y. Jewelry for personal wear (not including watches). 440,602, Sept. 14; Serial No. 517,883, published Jan. 13, 1948. Class 28.

Ateliers Armand Adriaenssens, Société de Personnes à Responsabilité Limitée, Molenbeek-Saint Jean, Belgium. Game boards and parts thereof, game pieces, and figure toys. 440,540, Sept. 14; Serial No. 496,364, published May 25, 1948. Class 22.

Atlas Shirt Company, Inc., New York, N. Y. Shirts, pajamas, sport shirts, etc. 440,613, Sept. 14; Serial No. 519,504, published June 8, 1948. Class 39.

Attorney General of the United States, Vested in: *See*—
Ungarische Gummiwaarenfabriks Actiengesellschaft.

Automatic Burner Corporation, Chicago, Ill. Oil burners and parts thereof. 502,159, Sept. 14; Serial No. 538,085, published June 8, 1948. Class 34.

Ayrshire Collieries Corporation: *See*—
Ayrshire Patoka Collieries Corporation.

Ayrshire Patoka Collieries Corporation, Indianapolis, Ind., and Wilmington, Del., by Ayrshire Collieries Corporation, Indianapolis, Ind. Coal. 390,937, Oct. 14, 1941. Republished Sept. 14. Class 1.

Baby World Company, Inc., New York, N. Y. Children's plastic training drinking cups. 502,222, Sept. 14; Serial No. 534,977. Class 2.

Bache, Semon, & Company, New York, N. Y. Mirrors. 317,224, Sept. 18, 1934. Republished Sept. 14. Class 32.

Bache, Semon, & Company, New York, N. Y. Mirrors. 325,853, July 9, 1935. Republished Sept. 14. Class 32.

Bache, Semon, & Company, New York, N. Y. Window glass. 326,193, July 16, 1935. Republished Sept. 14. Class 33.

Bache, Semon, & Company, New York, N. Y. Sheet glass. 357,005, May 24, 1938. Republished Sept. 14. Class 33.

Bache, Semon, & Company, New York, N. Y. Adhesive mastic. 357,989, June 21, 1938. Republished Sept. 14. Class 5.

Bache, Semon, & Company, New York, N. Y. Colored glass tiles. 368,971, July 11, 1939. Republished Sept. 14. Class 12.

Bachrodt & Company, San Jose, Calif. Pulverized animal manure. 245,182, renewed Aug. 7, 1948. O. G. Sept. 14. Class 10.

Bacon-Scott Company, Inc.: *See*—
Scott, Rufus W., Company.

Baer Company, The, Lehighton, Pa. Thrown silk. 166,924, Apr. 17, 1923. Republished Sept. 14. Class 43.

Baird, William M., Chicago, Ill. Commercial refrigerated lockers. 502,216, Sept. 14; Serial No. 528,247. Class 31.

Baker, Martha, Santa Rosa, Calif. Toilet waters. 411,986, Feb. 13, 1945. Republished Sept. 14. Class 6.

Ball, Harry, & Son, New York, N. Y. Piece goods. 502,142, Sept. 14; Serial No. 536,219, published June 8, 1948. Class 42.

Ballantine & Son, Limited, George, Dumbarton, Scotland. Whisky. 392,907, Jan. 20, 1942. Republished Sept. 14. Class 49.

Barbour Company, Inc., The, St. Louis, Mo. Dry tanning extract. 502,182, Sept. 14; Serial No. 545,209, published June 8, 1948. Class 6.

Barclay & Barclay, to Lanman & Kemp-Barclay & Co. Incorporated, New York, N. Y. Medicated preparation. 71,363, re-renewed Nov. 17, 1948. O. G. Sept. 14. Class 6.

Barlow, J., & Co. (Nottm), Limited, Beeston, England. Socks, stockings, vests, etc. 440,641, Sept. 14; Serial No. 523,171, published May 18, 1948. Class 39.

Barrell, William L., Company, New York, N. Y. Cotton duck. 502,129, Sept. 14; Serial No. 535,458, published June 8, 1948. Class 42.

Barrell, William L., Company, New York, N. Y. Cotton piece goods, cotton duck awning in the piece, and cotton duck in the piece. 502,130, Sept. 14; Serial No. 535,459, published June 8, 1948. Class 42.

Barrett Company, The, to Allied Chemical & Dye Corporation, New York, N. Y. Sulfate of ammonia, nitrate of soda, ammonium chloride, etc. 249,691, renewed Nov. 20, 1948. O. G. Sept. 14. Class 6.

Barrett Company, The, to Allied Chemical & Dye Corporation, New York, N. Y. Sulfate of ammonia, nitrate of soda, ammonium chloride, etc. 249,805, Nov. 20, 1948. O. G. Sept. 14. Class 6.

Barry Products, Inc., Chicago, Ill. Cigarette lighters. 440,575, Sept. 14; Serial No. 511,533, published May 4, 1948. Class 34.

Barton Neckwear Company, assignor to L. Abrams and S. Connig, Philadelphia, Pa., trading as Barton Neckwear Company. Neckties. 502,096, Sept. 14; Serial No. 531,882, published June 8, 1948. Class 39.

Bassick Company, The: *See*—
Foote, Pierson & Company, Inc.

Bates, C. J., & Son: *See*—
Bates, Hamilton C.

Bates, Hamilton C., doing business as C. J. Bates & Son, by C. J. Bates & Son, Chester, Conn. Manicure articles. 325,899, July 9, 1935. Republished Sept. 14. Class 44.

Bates, Hamilton C., doing business as C. J. Bates & Son, by C. J. Bates & Son, Chester, Conn. Abrasive implements used in manicuring the nails. 332,435, Feb. 11, 1936. Republished Sept. 14. Class 44.

Bates, Hamilton C., doing business as C. J. Bates & Son, by C. J. Bates & Son, Chester, Conn. Manicure articles. 333,353, Mar. 17, 1936. Republished Sept. 14. Class 44.

Bates, Hamilton C., doing business as C. J. Bates & Son, by C. J. Bates & Son, Chester, Conn. Nail polish, and bleach, powders, lotions, etc. 333,434, Mar. 24, 1936. Republished Sept. 14. Class 6.

Bear Brand Hosiery Co.: *See*—
Paramount Knitting Co.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 237,829, Jan. 17, 1928. Republished Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Ladies' woolen hosiery. 245,145, renewed Aug. 7, 1948. O. G. Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 246,437, renewed Sept. 4, 1948. O. G. Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 248,742, renewed Oct. 30, 1948. O. G. Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 248,805, renewed Oct. 30, 1948. O. G. Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 249,741, renewed Nov. 20, 1948. O. G. Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 252,292, Jan. 29, 1929. Republished Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 259,774, Aug. 6, 1929. Republished Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 262,695, Oct. 22, 1929. Republished Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 276,258, Oct. 14, 1930. Republished Sept. 14. Class 39.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 405,491, Feb. 1, 1944. Republished Sept. 14. Class 39.

Beebe Laboratories, Inc., St. Paul, Minn. Antiseptic dressing powder. 440,531, Sept. 14; Serial No. 486,647, published June 25, 1946. Class 6.

Bell Chemical Co., Chicago, Ill. Liquid fluid for filling cigar and cigarette lighters. 502,183, Sept. 14; Serial No. 545,330, published June 8, 1948. Class 6.

Bell & Gossett Company, Morton Grove, Ill. Refrigerating apparatus. 502,048, Sept. 14; Serial No. 493,908, published June 8, 1948. Class 31.

Bell & Gossett Company, Morton Grove, Ill. Refrigerating apparatus. 502,049, Sept. 14; Serial No. 493,909, published June 8, 1948. Class 31.

Bell Manufacturing Company, San Francisco, Calif. Reclining chairs and convertible chair beds. 377,752, May 14, 1940. Republished Sept. 14. Class 32.

Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Automotive vehicle braking units. 396,467, July 21, 1942. Republished Sept. 14. Class 19.

Beringer Bros., Inc., St. Helena, Calif. Wines. 310,917–18, Mar. 13, 1934. Republished Sept. 14. Class 47.

Beringer Bros., Inc., St. Helena, Calif. Wines. 321,745, Feb. 12, 1935. Republished Sept. 14. Class 47.

Bernards Creamery, assignor to John M. Bernards & Sons, Inc., San Leandro, Calif. Frozen bananas dipped in ice cream. 440,668, Sept. 14; Serial No. 495,444. Class 46.

Bernards, John M., & Sons, Inc.: *See*—
Bernards Creamery.

Bestaste Products Company: *See*—
Pieri, Mame.

Birch, Ray R., East Liverpool, Ohio. Automobiles and accessories, etc. 396,581, July 28, 1942. Republished Sept. 14. Class 19.

Blacker Bros. Inc., New York, N. Y. Men's sport jackets and slacks. 440,639, Sept. 14; Serial No. 523,038, published June 1, 1948. Class 39.

Blacker Bros. Inc., New York, N. Y. Men's sport jackets and slacks. 440,640, Sept. 14; Serial No. 523,081, published June 1, 1948. Class 39.

Blancard & Co., Inc., Newark, N. J., by Blancard & Co., Inc., New York, N. Y. Finger rings. 214,412, June 22, 1926. Republished Sept. 14. Class 28.

Blish Milling Company, Seymour, Ind. Self-rising wheat flour. 241,092, renewed Apr. 17, 1948. O. G. Sept. 14. Class 46.

Bloom, Charles, Inc., New York, N. Y. Fabrics in the piece. 502,082, Sept. 14; Serial No. 529,868, published June 8, 1948. Class 42.

Blos, Peter, Oakland, Calif. Bracelets, brooches, cufflinks, etc. 440,609, Sept. 14; Serial No. 518,716, published June 8, 1948. Class 28.

Blum, Milton C., Inc., New York, N. Y. Fabrics made of cotton and rayon sold in the piece. 440,665, Sept. 14; Serial No. 490,226. Class 42.

Boetticher & Kellogg Co., Evansville, Ind. Asphalt rolls, roofing and shingles, and roof coating. 330,064, Nov. 19, 1935. Republished Sept. 14. Class 12.

Bolivar Packing Company, San Diego, Calif. Canned olives. 243,740, renewed June 26, 1948. O. G. Sept. 14. Class 46.

Bond, Charles, Company, Philadelphia, Pa. Speed-reducing gear units. 315,283, July 24, 1934. Republished Sept. 14. Class 23.

Bond Foundry and Machine Company, Manheim, Pa. Steel bench legs. 427,423, Feb. 11, 1947. Republished Sept. 14. Class 23.

Bourjois, Inc., New York, N. Y. Lipsticks. 502,191, Sept. 14; Serial No. 546,350, published June 15, 1948. Class 6.

Bowes "Seal-Fast" Corporation, Indianapolis, Ind. Automotive products comprising portable patching kits. 340,425, Nov. 10, 1936. Republished Sept. 14. Class 35.

Bowes "Seal-Fast" Corporation, Indianapolis, Ind. Portable patching kits. 352,149, Nov. 23, 1937. Republished Sept. 14. Class 35.

Boyle-Midway Inc., Jersey City, N. J. Deodorant and germicide. 502,157, Sept. 14; Serial No. 537,972, published June 8, 1948. Class 6.

Braunstein, Sanford, doing business as Sanford & Son, Los Angeles, Calif. Pharmaceutical preparations. 502,212, Sept. 14; Serial No. 522,014. Class 6.

Breen Stone & Marble Company, Kasota, Minn. Blocks of stone, sawed and polished, finished blocks of material sold as marble. 243,656, renewed June 26, 1948. O. G. Sept. 14. Class 12.

Brick Oven Bakers, Inc., now by change of name Arnold Bakers, Inc., Port Chester, N. Y. Baked goods—namely, bread. 440,666–7, Sept. 14; Serial Nos. 493,590–1. Class 46.

Bright Star Battery Company: *See*—
Bright Star Battery Co.

Bright Star Battery Co., to Bright Star Battery Company, Clifton, N. J. Electric batteries. 246,665, renewed Sept. 11, 1948. O. G. Sept. 14. Class 21.

Bright Star Battery Co., Hoboken, to Bright Star Battery Company, Clifton, N. J. Electric batteries. 247,941, renewed Oct. 9, 1948. O. G. Sept. 14. Class 21.

Brittains, Limited, Cheddleton, England. Pottery tissue printing papers, lithographic papers, etc. 154,885, May 16, 1922. Republished Sept. 14. Class 37.

Brittains, Limited, Cheddleton, England. Pottery tissue printing papers, lithographic papers, etc. 155,207, May 23, 1922. Republished Sept. 14. Class 37.

Brittains, Limited, Cheddleton, England. Tissue paper. 222,998, Jan. 11, 1927. Republished Sept. 14. Class 37.

Brooks Appliance Company, Inc.: *See*—
Brooks Rupture Appliance Company.

Brooks Brothers, New York, N. Y. Smokers' articles. 502,094, Sept. 14; Serial No. 531,306, published June 22, 1948. Class 8.

Brooks Oil Company, The, also doing business as The Brooks Paint and Varnish Company, Cleveland, Ohio. Liquid asbestos roofing cement. 440,677, Sept. 14; Serial No. 524,945. Class 12.

Brooks Paint and Varnish Company, The: *See*—
Brooks Oil Company, The.

Brooks Rupture Appliance Company, by Brooks Appliance Company, Inc., Marshall, Mich. Rupture reducing and confining devices, including trusses. 166,073, Mar. 27, 1923. Republished Sept. 14. Class 44.

Brown & Bigelow, St. Paul, Minn. Wall calendars, wall mailing cards, etc. 249,433, renewed Nov. 13, 1948. O. G. Sept. 14. Class 38.

Brown & Bigelow, St. Paul, Minn. Periodical. 249,632, renewed Nov. 20, 1948. O. G. Sept. 14. Class 38.

Brown, Felix E., doing business as Safety Grip Manufacturing Company, Bethlehem, Pa. Frame for holding batteries down. 440,530, Sept. 14; Serial No. 486,286, published June 1, 1948. Class 21.

Brown, L. L., Paper Company, Adams, Mass. Ledger paper, bond paper, writing paper, etc. 249,050, renewed Nov. 6, 1948. O. G. Sept. 14. Class 37.

Brown, R. J., Company, The, St. Louis, Mo. Lubricating oils and greases and kerosene and gasoline. 294,290, May 24, 1932. Republished Sept. 14. Class 15.

Brown, R. J., Company, The, St. Louis, Mo. Lubricating oils and greases and kerosene and gasoline. 296,342, Aug. 2, 1932. Republished Sept. 14. Class 15.

Browne, Stewart R., Mfg. Co. Inc., New York, N. Y. Sheet packing and gaskets. 502,136, Sept. 14; Serial No. 535,032, published June 8, 1948. Class 35.

Brunswig Drug Company, Los Angeles, Calif. Antacid powder, antiseptic (solution) arnica salve, etc. 316,283, Aug. 21, 1934. Republished Sept. 14. Class 6.

Brushmakers, Inc., Minneapolis, Minn. Brushes. 440,558, Sept. 14; Serial No. 506,579, published Apr. 27, 1948. Class 29.

Bulova Watch Company, Inc., New York, N. Y. Watchcases. 210,205, Mar. 9, 1926. Republished Sept. 14. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 223,259, Jan. 25, 1927. Republished Sept. 14. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 396,208, June 30, 1948. Republished Sept. 14. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 440,644, Sept. 14; Serial No. 523,740, published June 8, 1948. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 440,645–6, Sept. 14; Serial Nos. 523,744–5, published June 8, 1948. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 440,647, Sept. 14; Serial No. 523,747, published June 8, 1948. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 440,648, Sept. 14; Serial No. 523,755, published June 8, 1948. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches, watch movements and parts thereof, and watch cases. 440,649, Sept. 14; Serial No. 523,758, published June 8, 1948. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches, more especially wrist or strap watches. 440,650, Sept. 14; Serial No. 523,762, published June 8, 1948. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches and watch parts. 440,651, Sept. 14; Serial No. 523,764, published June 8, 1948. Class 27.

Burgess Battery Company, Freeport, Ill. Dry batteries. 502,165, Sept. 14; Serial No. 539,590, published June 22, 1948. Class 21.

Burlington Mills Corporation: *See*—
Diamond & Bober.

Burnham & Morrill Company, Portland, Maine. Fish flakes, codfish cakes, clams, etc. 173,016, Sept. 11, 1923. Republished Sept. 14. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned beans and pork, canned vegetables, and canned clams. 180,712, Mar. 4, 1924. Republished Sept. 14. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned vegetables. 269,350, Apr. 1, 1930. Republished Sept. 14. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned cat and dog food. 275,071, Sept. 16, 1930. Republished Sept. 14. Class 46.

Burnham & Morrill Company, Portland, Maine. Baked beans. 295,958, July 19, 1932. Republished Sept. 14. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned corn. 340,159, Nov. 3, 1936. Republished Sept. 14. Class 46.

Burns, Jabez, & Sons, by Jabez Burns & Sons, Inc., New York, N. Y. Machinery and parts thereof. 134,160, Aug. 17, 1920. Republished Sept. 14. Class 23.

Burns, Jabez, & Sons, by Jabez Burns & Sons, Inc., New York, N. Y. Roasters and parts and supplies for same. 138,781, Jan. 11, 1921. Republished Sept. 14. Class 23.

Burns, Jabez, & Sons, by Jabez Burns & Sons, Inc., New York, N. Y. Roasters, and parts and supplies for same. 174,160, Oct. 9, 1923. Republished Sept. 14. Class 23.

Burns, Jabez, & Sons, Inc.: *See*—
Burns, Jabez, & Sons.

Burns, Jabez, & Sons, Inc., New York, N. Y. House organ. 247,235, Sept. 25, 1928. Republished Sept. 14. Class 38.

Burns, Jabez, & Sons, Inc., New York, N. Y. Temperature indicating device. 286,781, Sept. 1, 1931. Republished Sept. 14. Class 26.

Burns, Jabez, & Sons, Inc., New York, N. Y. Machines. 311,773, Apr. 3, 1934. Republished Sept. 14. Class 23.

Burns, Jabez, & Sons, Inc., New York, N. Y. Machines for roasting coffee, cocoa, peanuts, etc. 320,017, Dec. 18, 1934. Republished Sept. 14. Class 23.

Burns, Jabez, & Sons, Inc., New York, N. Y. Machines for grinding, cracking, etc. 323,171, Apr. 2, 1935. Republished Sept. 14. Class 23.

Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. Acetophenetidin, acetlycholine bromide; acetylsalicyclic acid; etc. 402,576, Aug. 3, 1943. Republished Sept. 14. Class 6.

Burson Knitting Company, Rockford, Ill. Hosiery. 223,550, Feb. 8, 1927. Republished Sept. 14. Class 39.

Butt, H. E., Grocery Company, Harlingen, Tex. Canned fruits, canned vegetables, and canned fruit juices. 361,629, Oct. 25, 1938. Republished Sept. 14. Class 46.

Byer-Rolnick Company, Dallas, Tex. Men's hats. 330,447, Dec. 3, 1935. Republished Sept. 14. Class 39.

Byer-Rolnick Company, Garland, Tex. Men's hats. 391,506, Nov. 11, 1941. Republished Sept. 14. Class 39.

Byer-Rolnick Company, Garland, Tex. Men's hats. 393,219, Jan. 27, 1942. Republished Sept. 14. Class 39.

California Telephone & Electric Company, Los Angeles, Calif. Sound communication apparatus. 440,619, Sept. 14; Serial No. 520,261, published Jan. 13, 1948. Class 21.

Cambridge Paper Box Company, Cambridge, Mass. Paper boxes. 244,184, renewed July 17, 1948. O. G. Sept. 14. Class 2.

Capital Manufacturing Co., Inc., Los Angeles, Calif. Men's sport shirts and sport jackets. 502,210, Sept. 14; Serial No. 516,667. Class 39.

Carolina Manufacturing Company: *See*—
Niven, Mack P.

Cascade Paper Company: *See*—
Wells, Robert O.

Cedergreen Frozen Pack Corporation, Wenatchee, Wash. Frozen vegetables and fruits. 371,865, Oct. 10, 1939. Republished Sept. 14. Class 46.

Celanese Corporation of America, New York, N. Y. Fabrics in the piece. 250,584, renewed Dec. 11, 1948. O. G. Sept. 14. Class 42.

Central Ohio Supply Co., The, Columbus, Ohio. Flavoring extracts, concentrates and emulsions. 440,597, Sept. 14; Serial No. 516,953, published June 8, 1948. Class 46.

Central Ohio Supply Co., The, Columbus, Ohio. Invert sugar composed of sugar syrup, corn syrup, gelatin, etc. 440,603, Sept. 14; Serial No. 517,964, published June 8, 1948. Class 46.

Central Ohio Supply Co., The, Columbus, Ohio. Butter substitute. 440,604, Sept. 14; Serial No. 517,965, published June 8, 1948. Class 46.

Central Ohio Supply Co., The, Columbus, Ohio. Icing powder. 440,605, Sept. 14; Serial No. 517,966, published June 8, 1948. Class 46.

Central Ohio Supply Co., The, Columbus, Ohio. Food flavoring extracts. 440,606, Sept. 14; Serial No. 517,967, published June 8, 1948. Class 46.

Central Tube Company, by The National Supply Company, Pittsburgh, Pa. Electric-conduit pipe. 106,297, Oct. 19, 1915. Republished Sept. 14. Class 21.

Charleston Mattress Mfg. Co., Charleston, S. C. Innerspring mattresses, box springs, felt mattresses, etc. 440,624, Sept. 14; Serial No. 520,613, published June 15, 1948. Class 32.

Chemical Specialties Company: *See*—
Shapiro, Harry.

Chemicals, Inc., San Francisco and Oakland, Calif. Household cleaner. 392,176, Dec. 16, 1941. Republished Sept. 14. Class 4.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics. 250,622, renewed Dec. 11, 1948. O. G. Sept. 14. Class 42.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics. 250,630, renewed Dec. 11, 1948. O. G. Sept. 14. Class 42.

Cherel, Georges, Paris, France. Non-electrical phonographs and grooved phonograph records. 440,561, Sept. 14; Serial No. 507,297, published June 15, 1948. Class 36.

Chesapeake & Ohio Coal & Coke Company, The, Thurmond, W. Va., and New York, N. Y., to Eastern Gas and Fuel Associates, Boston, Mass. Semibituminous coal. 71,706, re-renewed Dec. 15, 1948. O. G. Sept. 14. Class 1.

Chicago Wheel & Manufacturing Company, Chicago, Ill. Electrically driven devices. 332,938, Mar. 3, 1936. Republished Sept. 14. Class 23.

Chlorine Solutions, Inc., Los Angeles, Calif. Bleaching fluid. 393,451, Feb. 17, 1942. Republished Sept. 14. Class 6.

Church, C. A., doing business as Rio Grande Produce Co., assignee of Zeitman Produce Co., Inc., Salinas, Calif., and Los Lunas, N. Mex. Fresh carrots. 502,054, Sept. 14; Serial No. 511,658, published June 8, 1948. Class 46.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, and bicarbonate of soda (baking soda). 502,069, Sept. 14; Serial No. 526,746, published June 15, 1948. Class 6.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, washing soda, and bicarbonate of soda (baking soda). 502,070, Sept. 14; Serial No. 526,790, published June 8, 1948. Class 6.

Clay Products Company, Inc., Brazil, Ind. Glazed and unglazed clay building tile. 243,756, June 26, 1928. Corrected. O. G. Sept. 14. Class 12.

Clayton & Lambert Manufacturing Company: *See*—
Clayton & Lambert Mfg. Co.

Clayton & Lambert Mfg. Co., Detroit, Mich., to Clayton & Lambert Manufacturing Company, Louisville, Ky. Liquid-fuel burning fire pots. 243,437, renewed June 19, 1948. O. G. Sept. 14. Class 34.

Clear Weave Hosiery Stores, Inc., Boston, Mass. Women's and girls' underwear. 334,227, Apr. 21, 1936. Republished Sept. 14. Class 39.

Clear Weave Hosiery Stores, Inc., Jamaica Plain, Boston, Mass. Women's and girls' hosiery. 360,814, Sept. 27, 1938. Republished Sept. 14. Class 39.

Clear Weave Hosiery Stores, Inc., Jamaica Plain, Boston, Mass. Women's and girls' foundation garments, corsets, brassières, etc. 362,233, Nov. 15, 1938. Republished Sept. 14. Class 39.

Clear Weave Hosiery Stores, Inc., Boston, Mass. Women's and girls' hosiery and underwear. 407,015, May 16, 1944. Republished Sept. 14. Class 39.

Cleveland Container Company, The, Cleveland, Ohio. Spirally laminated paper tubing. 502,060, Sept. 14; Serial No. 516,348, published June 8, 1948. Class 21.

Coast Fishing Company, Wilmington, Calif. Canned cat food. 377,344, Apr. 30, 1940. Republished Sept. 14. Class 46.

Cobb Canning Company, Cobb, Wis. Canned corn. 409,984, Oct. 31, 1944. Republished Sept. 14. Class 46.

Coe, W. H., Manufacturing Company, to W. H. Coe Manufacturing Company, Providence, R. I. Gilding tools. 70,321, re-renewed Aug. 18, 1948. O. G. Sept. 14. Class 23.

Cold Spring Granite Company, Cold Spring, Minn. Cut granite. 224,926, Mar. 8, 1927. Republished Sept. 14. Class 12.

Colgate-Palmolive-Peet Company: *See*—
Palmolive-Peet Company, The.

Colorado River Farms, Incorporated, Blythe, Calif. Fresh vegetables and fresh melons. 502,217, Sept. 14; Serial No. 529,746. Class 46.

Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 224,803, Mar. 8, 1927. Republished Sept. 14. Class 42.

Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 225,322, Mar. 15, 1927. Republished Sept. 14. Class 42.

Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 226,544, Apr. 12, 1927. Republished Sept. 14. Class 42.

Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 228,207, May 24, 1927. Republished Sept. 14. Class 42.

Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 228,293–4, May 31, 1927. Republished Sept. 14. Class 42.

Commer Cars Limited, Coventry, England. Goods-vans, lorries, and passenger road coaches. 502,211, Sept. 14; Serial No. 516,820. Class 19.

Consolidated Royal Chemical Corporation, Chicago, Ill. Depilatory. 502,176, Sept. 14; Serial No. 543,889, published June 8, 1948. Class 6.

Consolidated Royal Chemical Corporation, Chicago, Ill. Ointment. 502,177, Sept. 14; Serial No. 543,892, published June 8, 1948. Class 6.

Consolidated Royal Chemical Corporation, Chicago, Ill. Tonic medicines. 502,178, Sept. 14; Serial No. 543,895, published June 8, 1948. Class 6.

Consolidated Royal Chemical Corporation, Chicago, Ill. Laxative and cathartic pills. 502,184, Sept. 14; Serial No. 545,347, published June 8, 1948. Class 6.

Consolidated Royal Chemical Corporation, Chicago, Ill. Liniment to be applied externally for headaches, colds, coughs, etc. 502,185, Sept. 14; Serial No. 545,348, published June 8, 1948. Class 6.

Continental Mills, Inc., Philadelphia, Pa. Overcoats, topcoats, suits, etc. 440,632, Sept. 14; Serial No. 521,856, published June 1, 1948. Class 39.

Cooter Company, The: *See*—
Merchants Service Corporation.
Recorg Supply Corporation.

Cooter, Paul M.: *See*—
Merchants Service Corporation.
Recorg Supply Corporation.

Cotton Disk Dispenser Co.: *See*—
Negus, Albert L., Jr.

Courtney, W. J., Co., Inc., by W. J. Courtney & Son, Mundy Point, Va. Canned fish, roe, fruit, vegetables, and oysters. 101,565, Dec. 29, 1914. Republished Sept. 14. Class 46.

Courtney, W. J., & Son: *See*—
Courtney, W. J., Co., Inc.

Cream Dove Mfg. Co., Inc., Binghamton, N. Y. Peanut butter and cooking compounds. 242,074, May 15, 1928. Republished Sept. 14. Class 46.

Crime Club, Inc., The, to Doubleday & Company, Inc., Garden City, N. Y. Completely-printed publications. 250,857, renewed Dec. 18, 1948. O. G. Sept. 14. Class 38.

Crown Zellerbach Corporation, doing business as Western Waxed Paper Co., San Francisco, Calif. Gummed paper. 502,074, Sept. 14; Serial No. 527,717, published June 8, 1948. Class 5.

Curtis 1000 Inc., St. Paul, Minn. Paper. 347,304, June 22, 1937. Republished Sept. 14. Class 37.

Curtis 1000 Inc., St. Paul, Minn. Correspondence and mailing envelopes. 392,085, Dec. 9, 1941. Republished Sept. 14. Class 37.

Curtis 1000 Inc., St. Paul, Minn. Correspondence and mailing envelopes. 401,530, May 25, 1943. Republished Sept. 14. Class 37.

Curtis 1000 Inc., St. Paul, Minn. Transparent protecting envelopes. 402,963, Aug. 24, 1943. Republished Sept. 14. Class 37.

Curtis 1000 Inc., St. Paul, Minn. Combination correspondence envelopes and cloth bags. 414,006, May 22, 1945. Republished Sept. 14. Class 2.

Cutter Laboratories, Berkeley, Calif. Sodium citrate solutions. 440,578, Sept. 14; Serial No. 512,390, published June 8, 1948. Class 6.

Cutter Laboratories, Berkeley, Calif. Sodium citrate solutions. 440,579, Sept. 14; Serial No. 512,395, published June 8, 1948. Class 6.

Dake, Charles W., Jr., Grand Haven, Mich. Ornamental lawn receptacle holders. 440,653, Sept. 14; Serial No. 524,381, published June 15, 1948. Class 32.

Darling Valve & Manufacturing Company, Williamsport, Pa. Fabric cups. 300,442, Jan. 17, 1933. Republished Sept. 14. Class 35.

Dart, Robert H., Sacramento, Calif. Fresh grapes. 240,515, renewed Mar. 27, 1948. O. G. Sept. 14. Class 46.

Dart, Robert H., Sacramento, Calif. Fresh citrus fruits, fresh deciduous fruits, fresh melons, etc. 280,269, Feb. 10, 1931. Republished Sept. 14. Class 46.

Dart, Robert H., doing business as Gold Ridge Packing Company, Sacramento, Calif. Fresh deciduous fruit. 420,649, Apr. 23, 1946. Republished Sept. 14. Class 46.

Delco-Remy Corporation, Anderson, Ind., and Dayton, Ohio, to General Motors Corporation, Detroit, Mich. Electrically operated sounding horns, signals, etc. 241,441, renewed May 1, 1948. O. G. Sept. 14. Class 21.

Delco-Remy Corporation, Anderson, Ind., and Dayton, Ohio, to General Motors Corporation, Detroit, Mich. Electrical starting, lighting, and ignition apparatus and parts thereof. 241,637, renewed May 1, 1948. O. G. Sept. 14. Class 21.

Den-El Equipment Co.: *See*—
Schneiderman, Eli.

Denver Publishing Company, The, Denver, Colo. Section or column appearing in daily and Sunday newspapers. 440,674, Sept. 14; Serial No. 519,318. Class 38.

Derby Cap Manufacturing Co., Louisville, Ky. Men's, women's, and children's sports headwear. 502,079, Sept. 14; Serial No. 529,236, published May 25, 1948. Class 39.

Desoto Chemical Company, Arcadia, Fla. Preparation to be used for the extermination of roaches, silverfish, waterbugs, and crickets. 387,988, June 10, 1941. Republished Sept. 14. Class 6.

Diadem, Inc., Leominster, Mass. Combined comb and pin. 394,473, Apr. 7, 1942. Republished Sept. 14. Class 40.

Diadem, Inc., Leominster, Mass. Coiffure combs and hat fasteners. 408,458, Aug. 15, 1944. Republished Sept. 14. Class 40.

Diamond & Bober, New York, N. Y., to Burlington Mills Corporation, Greensboro, N. C. Silk crepe in the piece. 243,376, renewed June 19, 1948. O. G. Sept. 14. Class 42.

Diversey Corporation, The, Chicago, Ill. Chemical compounds. 502,071, Sept. 14; Serial No. 527,295, published June 15, 1948. Class 6.

Dixie Chemical Company, Inc., Houston, Tex. Mixture of chemicals. 502,127, Sept. 14; Serial No. 535,307, published June 15, 1948. Class 6.

Dixie Dee Dresses, Inc., New York, N. Y. Ladies', misses', and junior misses' dresses. 502,202, Sept. 14; Serial No. 510,577. Class 39.

Doak Company, Incorporated, Cleveland, Ohio. Dermatotherapeutic medication. 502,126, Sept. 14; Serial No. 535,228, published June 8, 1948. Class 6.

Doerr, Norman B., doing business as Doerr Products Company, Los Angeles, Calif. Nursing bottle kits containing a refrigerator space for nursing bottles, etc. 440,622, Sept. 14; Serial No. 520,329, published June 15, 1948. Class 50.

Doerr Products Company: *See*—
Doerr, Norman B.

Dolge, C. B. Company, The, Westport, Conn. Preparation for cleaning exteriorly walls, woodwork, marble, etc. 201,255, July 21, 1925. Republished Sept. 14. Class 4.

Dolge, C. B., Company, Inc., The, Westport, Conn. Chemical prepared especially for use on putting greens to banish the worm nuisance. 289,537, Dec. 1, 1931. Republished Sept. 14. Class 6.

Dolphin Paint & Varnish Co., The, Toledo, Ohio. Protective coatings. 440,588, Sept. 14; Serial No. 513,928, published May 25, 1948. Class 16.

Donalson, J. E., doing business as J. E. Donalson Mfg. Co., North Kansas City, Mo. Pedal-type vehicle in the form of a tricycle. 440,538, Sept. 14; Serial No. 495,134, published May 11, 1948. Class 22.

Donalson Mfg. Co.: *See*—
Donalson, J. E.

Dorr Company, The: *See*—
Dorr Company, Inc., The.

Dorr Company, The, New York, N. Y. Furnaces or reactors. 428,712, Apr. 1, 1947. Republished Sept. 14. Class 34.

Dorr Company, Inc., The, New York, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids suspended in liquids. 295,572, July 5, 1932. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, New York, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids suspended in liquids. 303,107, May 9, 1933. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 331,471, Jan. 7, 1936. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 332,009, Jan. 28, 1936. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of liquids, etc. 348,199, July 20, 1937. Republished Sept. 14 Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 356,484–5, Apr. 26, 1938. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 356,487, Apr. 26, 1938. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 363,502, Dec. 27, 1938. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 390,978, Oct. 14, 1941. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 395,578, June 2, 1942. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 396,819, Aug. 4, 1942. Republished Sept. 14. Class 23.

Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids. 400,878, Apr. 6, 1943. Republished Sept. 14. Class 23.

Doubleday & Company, Inc.: *See*—
Crime Club, Inc., The.

Drayer-Hanson Incorporated, Los Angeles, Calif. Air conditioning equipment. 502,052, Sept. 14; Serial No. 508,985, published June 8, 1948. Class 34.

Drexel Furniture Company, Drexel, N. C. Periodicals. 502,207, Sept. 14; Serial No. 515,416. Class 38.

Drybak Corporation, The, Binghamton, N. Y. Work pants, breeches, blouses, and jackets, etc. 347,577, June 29, 1937. Republished Sept. 14. Class 39.

Drybak Corporation, The, Binghamton, N. Y. Clothing. 400,396, Mar. 9, 1943. Republished Sept. 14. Class 39.

Dubuque Packing Company, Dubuque, Iowa. Canned prepared pork meat. 429,529, May 6, 1947. Republished Sept. 14. Class 46.

Duchess Royal, Inc., New York, N. Y. Ladies' suits, jackets, coats, etc. 502,143, Sept. 14; Serial No. 536,243, published June 8, 1948. Class 39.

Dunham, Frank L.: *See*—
Dunham, Roy J.

Dunham, Roy J., to F. L. Dunham, doing business as Roy J. Dunham Store, Wellsboro, Pa. Pancake flour, buckwheat flour, and chicken feed. 222,857, renewed Jan. 11, 1947. O. G. Sept. 14. Class 46.

Dunham, Roy J., Store: *See*—
Dunham, Roy J.

E. A. Laboratories, Inc., Brooklyn, N. Y. Electric horns. 502,172, Sept. 14; Serial No. 541,114, published June 15, 1948. Class 21.

Earl Lighting Products Corp., Philadelphia, Pa. Electric lighting fixtures. 502,144, Sept. 14; Serial No. 536,245, published June 22, 1948. Class 21.

Eastern Gas and Fuel Associates: *See*—
Chesapeake & Ohio Coal & Coke Company, The.

Eclarté Proprietary Limited, Melbourne, Australia. Woolen piece goods. 440,586. Sept. 14; Serial No. 513,731, published June 8, 1948. Class 42.

Edgett-Burnham Company, Newark, N. Y. Canned fruits and vegetables. 269,230, Apr. 1, 1930. Republished Sept. 14. Class 46.

Egry Register Company, The, Dayton, Ohio. Autographic registers and manifolding devices, parts thereof, and stationery therefor. 102,939, Mar. 2, 1915. Republished Sept. 14. Class 37.

Elam Mills, Inc., Chicago, Ill. Whole-wheat flour, whole-wheat meal, corn meal, and oatmeal. 243,250, renewed June 12, 1948. O. G. Sept. 14. Class 46.

Elizabeth Arden Sales Corporation: *See*—
Lewis, Florence N.

Ellicott Laboratories, Inc., The, Lawrenceville, N. J. Flameproofing compounds. 502,163, Sept. 14; Serial No. 538,622, published June 15, 1948. Class 6.

Ellsworth Industries, Inc., Milwaukee, Wis., assignor to Meier & Pohlmann Furniture Company, St. Louis, Mo. Furniture, and more particularly for domestic and office chairs. 440,550, Sept. 14; Serial No. 502,811, published May 6, 1947. Class 32.

Endicott-Johnson Company, by Endicott-Johnson Corporation, Endicott, N. Y. Boots and shoes of leather. 63,468, June 25, 1907. Republished Sept. 14. Class 39.

Endicott-Johnson Corporation: *See*—
Endicott-Johnson Company.

Engineering Enterprises of California, Los Angeles, Calif. Electronic intercommunication ampliers. 440,633, Sept. 14; Serial No. 521,867, published June 1, 1948. Class 21.

Erie Resistor Corporation, Erie, Pa. Ceramic condensers for the radio field. 440,661, Sept. 14; Serial No. 525,574, published June 8, 1948. Class 21.

Erwin Cotton Mills Company: *See*—
Monohansett Mfg. Co.

Erwin Cotton Mills Co., The, West Durham, N. C. Denims in the piece. 148,829, Nov. 29, 1921. Republished Sept. 14. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Denim and other fabrics of cotton, rayon, and linen, etc. 392,268, Dec. 16, 1941. Republished Sept. 14. Class 42.

Erwin Cotton Mills Company, The, Durham, N. C. Sheets, pillow cases, sheetings tubing, etc. 393,785, Mar. 3, 1942. Republished Sept. 14. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Sheets, pillow cases, sheeting and pillowcase tubing, etc. 411,823, Feb 6, 1945. Republished Sept. 14. Class 42.

Esquire Products Company, New York, N. Y. Pyrophoric cigarette lighters. 440,543, Sept. 14; Serial No. 496,955, published June 8, 1948. Class 34.

Essanar Company, Inc., New York, by Selchow & Righter Company, Brooklyn, N. Y. Board and counter games. 123,032–3, Oct. 8, 1948. Republished Sept. 14. Class 22.

Essington Company, The: *See*—
Zieg, Fred C.

Exeter Manufacturing Company, Exeter, N. H. Cotton piece goods. 401,154, Apr. 27, 1943. Republished Sept. 14. Class 42.

Exeter Manufacturing Company, Exeter, N. H. Cotton fabrics in the piece. 408,629, Aug. 22, 1944. Republished Sept. 14. Class 42.

Exolon Company, The: *See*—
Spear's, Alden, Sons Co., The.

Exolon Company, The, Tonawanda, N. Y. Abrasives in comminuted form. 135,666–7, Oct. 19, 1920. Republished Sept. 14. Class 4.

F. & B. Mfg. Co., Chicago, Ill. Automobile repair and replacement parts. 440,557, Sept. 14; Serial No. 506,298, published June 1, 1948. Class 21.

Fanny Farmer Candy Shops, Inc., Rochester, N. Y. Candy. 248,204, Oct. 16, 1928. Republished Sept. 14. Class 46.

Farastan Company, The, Ardmore, to The Farastan Company, Philadelphia, Pa. Preparation used in the treatment of rheumatism, arthritis, neuritis, etc. 248,164, renewed Oct. 16, 1948. O. G. Sept. 14. Class 6.

Federal Mill, Inc.: *See*—
Moseley & Motley Milling Co.

Felts, Inc., New York, N. Y. Hat bodies and hoods. 502,140. Sept. 14; Serial No. 536,071, published Feb. 17, 1948. Class 39.

Fence-Me-In, Incorporated, Raleigh, N. C. Portable guards for attachment to side of a bed, etc. 440,657, Sept. 14; Serial No. 524,788, published June 1, 1948. Class 32.

Fenn Bros., Inc.: *See* —
Woodward, John G., & Co., Inc.

Fernande Royer, née Lebiet, Paris, France. Hats. 440,581, Sept. 14; Serial No. 512,656, published June 1, 1948. Class 39.

Filene's, Wm., Sons Company, Boston, Mass. Implements, apparatus, and articles used in tennis, golf, etc. 266,816, Feb. 4, 1930. Republished Sept. 14. Class 22.

Filice and Perrelli Canning Company, Incorporated, Richmond, Calif. Canned fruits, canned vegetables, and canned fruit, etc. 382,857, Nov. 12, 1940. Republished Sept. 14. Class 46.

Filice and Perrelli Canning Company, Incorporated, Richmond, Calif. Canned fruits, canned vegetables, etc. 387,961, June 10, 1941. Republished Sept. 14. Class 46.

Filice and Perrelli Canning Company, Incorporated, Richmond, Calif. Canned fruits, canned vegetables, canned fruit and vegetable juices, etc. 388,977; July 22, 1941. Republished Sept. 14. Class 46.

Filice and Perrelli Canning Company, Incorporated, Richmond, Calif. Canned fruits, canned vegetables, canned fruit cocktail, etc. 399,753, Jan. 26, 1943. Republished Sept. 14. Class 46.

First Caramel Malting Corporation, Patterson, N. J. Malt. 415,069, July 10, 1945. Republished Sept. 14. Class 48.

Fiske Brothers Refining Co., Newark, N. J. Lubricating oil. 502,080. Sept. 14; Serial No. 529,372, published June 22, 1948. Class 15.

Fitch, F. W., Company, The, Des Moines, Iowa. Hair tonic. 218,007, Sept. 14, 1926. Republished Sept. 14. Class 6.

Foote Mineral Company, Philadelphia, Pa. Lithium salt to be added to cosmetics. 502,190, Sept. 14; Serial No. 546,211, published June 15, 1948. Class 6.

Foote, Pierson & Company, Inc., by The Bassick Company, Bridgeport, Conn. Slide casters. 232,585, Sept. 13, 1927. Republished Sept. 14. Class 13.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 502,162, Sept. 14; Serial No. 538,523, published June 8, 1948. Class 42.

Franco-Italian Packing Co., Inc., Terminal, Calif. Canned fish. 265,226, Dec. 17, 1929. Republished Sept. 14. Class 46.

Fraser & Johnston Co., San Francisco, Calif. Mechanically operated commercial refrigerated storage cabinets, etc. 502,199, Sept. 14; Serial No. 506,440. Class 31.

French Sardine Company, The: *See*—
Neptune Sea Food Company.

French, Shriner & Urner Manufacturing Co., Boston, Mass. Boots and shoes. 352,985, Dec. 21, 1937. Republished Sept. 14. Class 39.

French Veneer Manufacturing Co., Inc.: *See*—
Smuckler, Lena G.

Freres, Salomon, Societe a Responsabilite Limitee, Pantin, France. Perfumes, toilet waters, rouge, etc. 502,150, Sept. 14; Serial No. 536,889, published June 8, 1948. Class 6.

Fresh Veneer Manufacturing Co.: *See*—
Smuckler, Lena G.

Friedman, Abe A., Augusta, Ga. Diamonds, diamond rings, stone rings, etc. 425,945, Dec. 10, 1946. Republished Sept. 14. Class 28.

Fries Bros.: *See*—
Fries, Harold H.

Fries Bros., Inc.: *See*—
Fries Bros.

Fries, Harold H., doing business as Fries Bros., to Fries Bros., Inc., New York, N. Y. Ethyl protocatechuic aldehyde. 249,714, renewed Nov. 20, 1948. O. G. Sept. 14. Class 6.

Fruhauf & Musyl, New York, N. Y. Ladies', misses', and children's hats. 502,085, Sept. 14; Serial No. 530,076, published May 25, 1948. Class 39.

Fruit Growers Co-Operative, Sturgeon Bay, Wis. Canned cherries. 388,603, July 1, 1941. Republished Sept. 14. Class 46.

Fuller, D. B., & Co., Inc., New York, N. Y. Textile fabrics in the piece. 502,128, Sept. 14; Serial No. 535,315, published June 1, 1948. Class 42.

Furst-McNess Company, Freeport, Ill. Insecticides. 502,064, Sept. 14; Serial No. 523,182, published June 15, 1948. Class 6.

Gaebler, Adolph N.: *See*—
King Manufacturing Company.

Galter Products Co.: *See*—
Match King, Inc.

Gantner & Mattern Company, San Francisco, Calif. Men's, women's and children's swimsuits, coats, jackets, etc. 440,583, Sept. 14; Serial No. 513,040, published June 8, 1948. Class 39.

Gantner & Mattern Company, San Francisco, Calif. Men's, women's, and children's swimsuits, coats, jackets, etc. 440,584, Sept. 14; Serial No. 513,174, published May 18, 1948. Class 39.

Gardner, Allyn A., Sykesville P. O., Winfield, Md. Artificial fish-baits or lures combined with fish-hooks. 440,590, Sept. 14; Serial No. 514,702, published May 11, 1948. Class 22.

Geier, P. A. Company, The, Cleveland, Ohio. Spray attachments. 244,174, renewed July 17, 1948. O. G. Sept. 14. Class 23.

Gem Tire & Rubber Co., Philadelphia, Pa. Pneumatic tires and inner tubes. 428,476, Mar. 25, 1947. Republished Sept. 14. Class 35.

General Cable Corporation: *See*—
Standard Underground Cable Company.

General Control Company, Cambridge, Mass. Cam lever switches, manually operated foot switches, rotary switches, etc. 414,105, May 29, 1945. Republished Sept. 14. Class 21.

General Metalware Company, Minneapolis, Minn. Metal cans, and more particularly metal cans for transporting, dispensing, etc. 502,077, Sept. 14; Serial No. 528,782, published June 22, 1948. Class 2.

General Motors Corporation: *See*—
Delco-Remy Corporation.
Inland Manufacturing Company.
Ternstedt Manufacturing Company.

George-Thomas Pharmacal Co., Chicago, Ill. Venereal prophylactic preparations. 502,187, Sept. 14; Serial No. 545,791, published June 8, 1948. Class 6.

Gerson & Kaplan Garment Manufacturers, Inc., Houston, Tex. Ladies' and girls' garments. 502,102, Sept. 14; Serial No. 532,585, published June 1, 1948. Class 39.

Gerson & Kaplan Garment Manufacturers, Inc., Houston, Tex. Women's, misses', and girls' apparel. 501,198, Sept. 14; Serial No. 504,761. Class 39.

Gilbert, A. C., Company, The, to The A. C. Gilbert Company, New Haven, Conn. Electric fans, electric liquid and plastic food mixers, electric space heaters, etc. 244,834, renewed July 31, 1948. O. G. Sept. 14. Class 8.

Gilbert, A. C., Company, The, to The A. C. Gilbert Company, New Haven, Conn. Electric space heaters, electric ventilating fans, electric cigar lighters, etc. 244,835, renewed July 31, 1948. O. G. Sept. 14. Classes 21 and 8.

Gilbert, A. C., Company, The, New Haven, Conn. Electric vibrators and electric hair dryers. 246,623, renewed Sept. 11, 1948. O. G. Sept. 14. Class 44.

Gilbert, John O., by John O. Gilbert Chocolate Company, Jackson, Mich. Candy. 76,995, Mar. 1, 1910. Republished Sept. 14. Class 46.

Gilbert, John O., Jackson, by John O. Gilbert Chocolate Company, Jackson, Mich. Candy. 131,938, June 1, 1920. Republished Sept. 14. Class 46.

Gilbert, John O., Chocolate Company: *See*—
Gilbert, John O.

Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. 356,110, Apr. 12, 1938. Republished Sept. 14. Class 46.

Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. 360,234, Sept. 13, 1938. Republished Sept. 14. Class 46.

Glad Rag Products Corporation: *See*—
McCoy, Ernest K.

Glenmore Distilleries Company, Louisville and Owensboro, Ky. Whiskey. 428,122, Mar. 11, 1947. Republished Sept. 14. Class 49.

Gliebe Co., The, Brooklyn, N. Y. Fish hook holder and protector. 502,221, Sept. 14; Serial No. 534,768. Class 22.

Globe Phone Manufacturing Company, by Globe Phone Manufacturing Corporation, Reading, Pa. One-way telephones and ear phones. 192,984, Dec. 15, 1924. Republished Sept. 14. Class 44.

Globe Phone Manufacturing Corporation: *See*—
Globe Phone Manufacturing Company.

Gold Ridge Packing Company: *See*—
Dart, Robert H.

Gordon Baking Company, Detroit, Mich. Bread. 216,160, Aug. 3, 1926. Republished Sept. 14. Class 46.

Gordon Baking Company, Detroit, Mich. Cakes. 256,692, May 21, 1929. Republished Sept. 14. Class 46.

Gorman Cosmetics: *See*—
Gorman, Maxim.

Gorman, Maxim, doing business as Gorman Cosmetics, New Britain, Conn. Cleansing cream, hand lotion, powder base, etc. 440,595, Sept. 14; Serial No. 516,128, published June 8, 1948. Class 6.

Gould Storage Battery Co., Inc., Depew, N. Y., by National Battery Company, St. Paul, Minn. Storage batteries and parts thereof. 243,883, July 3, 1928. Republished Sept. 14. Class 21.

Grainger, W. B., Packing Company, by W. B. Grainger Packing Company, Salinas, Calif. Fresh vegetables. 297,637, Sept. 20, 1932. Republished Sept. 14. Class 46.

Grainger, W. B., Packing Company, by W. B. Grainger Packing Company, Salinas, Calif. Fresh vegetables. 298,795, Nov. 8, 1932. Republished Sept. 14. Class 46.

Grainger, W. B., Packing Company, by W. B. Grainger Packing Company, Salinas, Calif. Fresh vegetables. 330,661, Dec. 10, 1935. Republished Sept. 14. Class 46.

Grave, F. D., & Son: *See*—
Grave, Frederick D.

Grave, Frederick D., doing business as F. D. Grave & Son, New Haven, Conn. Cigars. 502,063, Sept. 14; Serial No. 517,481, published June 22, 1948. Class 17.

Greenbaum, Harry L., doing business as Technical Works, by Technical Color & Chemical Works, Inc., Brooklyn, N. Y. Oxalic acid, bismarck brown aniline, electric bulb coloring, etc. 208,110, Jan. 19, 1926. Republished Sept. 14. Class 6.

Greenbaum, Harry L., doing business as Technical Color and Chemical Works, New York, by Technical Color & Chemical Works, Inc., Brooklyn, N. Y. Plastic material similar to putty. 247,505, Sept. 25, 1928. Republished Sept. 14. Class 16.

Greenbaum, Harry L., doing business as Technical Color and Chemical Works, by Technical Color & Chemical Works, Inc., Brooklyn, N. Y. Glue. 259,285, July 30, 1929. Republished Sept. 14. Class 5.

Greenbaum, Harry L., doing business as Technical Color and Chemical Works, by Technical Color & Chemical Works, Inc., Brooklyn, N. Y. Tar. 260,438, Aug. 27, 1929. Republished Sept. 14. Class 1.

Gregory Electric Company, Chicago, Ill. Electrical apparatus. 502,059, Sept. 14; Serial No. 515,873, published June 15, 1948. Class 21.

Gregory and Read Company, Lynn, Mass. Leather shoes and boots. 247,182, renewed Sept. 25, 1948. O. G. Sept. 14. Class 39.

Gross, Benjamin & Edward J., Co., Inc., New York, N. Y. Finger rings and mountings therefor. 244,694, renewed July 24, 1948. O. G. Sept. 14. Class 28.

Gruen Watch Company, The, Cincinnati, Ohio. Watches, watch cases, and watch movements. 440,642, Sept. 14; Serial No. 523,523, published June 1, 1948. Class 27.

H. R. H. Silk Hosiery Mills, Inc., Moberly, Mo. Hosiery. 254,884, Apr. 2, 1929. Republished Sept. 14. Class 39.

Hall & Ruckel, Inc., Brooklyn, to Hall & Ruckel, Inc., New York, N. Y. Depilatory powder and depilatory cream. 250,619, renewed Dec. 11, 1948. O. G. Sept. 14. Class 6.

Hamilton, L. R., by L. R. Hamilton, Inc., Berkeley, Calif. Fresh deciduous fruits. 194,117, Jan. 13, 1925. Republished Sept. 14. Class 46.

Hamilton, L. R., Inc.: *See*—
Hamilton, L. R.

Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Cologne. 500,767, June 29, 1948. Corrected. O. G. Sept. 14. Class 6.

Hanes Hosiery Mills Company, Winston-Salem, N. C., and New York, N. Y. Hosiery. 322,511, Mar. 12, 1935. Republished Sept. 14. Class 39.

Harlingen Brokerage Company, Harlingen, Tex. Wheat flour. 393,863, Mar. 10, 1942. Republished Sept. 14. Class 46.

Harlingen Canning Company, Harlingen, Tex. Canned citrus fruits, canned vegetables, and canned citrus fruit juices, etc. 358,307, July 5, 1938. Republished Sept. 14. Class 46.

Harrower Laboratory, Inc., The, Glendale, Calif. Hepatic extract. 502,101. Sept. 14; Serial No. 532,451, published June 8, 1948. Class 6.

Harshaw Chemical Company, The, Cleveland, Ohio. Chemical compounds, specifically metallic soaps and solution. 502,181, Sept. 14; Serial No. 545,128, published June 8, 1948. Class 6.

Hart, Schaffner & Marx, Chicago, Ill. Men's and boys' suits, coats, overcoats, etc. 440,580, Sept. 14; Serial No. 512,588, published July 22, 1947. Class 39.

Heathcoat, John, & Co., Tiverton, Devon, England, assignor to John Heathcoat & Co., Inc., New York, N. Y. Wide elastic fabrics in the piece. 440,617, Sept. 14; Serial No. 519,950, published June 8, 1948. Class 42.

Heathcoat, John, & Co., Inc.: *See*—
Heathcoat, John, & Co.

Heberlein & Co. A.-G., Wattwil, Switzerland. Articles of clothing. 440,541, Sept. 14; Serial No. 496,507, published June 8, 1948. Class 39.

Hecht Bros.: *See*—
Hecht Co., The.

Hecht Co., The, Washington, D. C., doing business as Hecht Bros., Baltimore, Md., and New York, N. Y., and The Hub, Baltimore, Md. Floor waxes and polishes. 440,656, Sept. 14; Serial No. 524,652, published May 25, 1948. Class 16.

Hecht's Furniture House, Inc., Baltimore, Md. Household furniture. 440,570, Sept. 14; Serial No. 509,422, published Oct. 7, 1947. Class 32.

Heil Co., The, Milwaukee, Wis. Boiler-burner heating units. 502,154, Sept. 14; Serial No. 537,313, published May 25, 1948. Class 34.

Hemingway, H. F., & Co., Baltimore, Md., to North Jersey Wholesale Grocery Co., Paterson, N. J. Baked beans and sauer kraut, canned fruits, etc. 71,811, re-renewed Dec. 15, 1948. O. G. Sept. 14. Class 46.

Henderson, John G., Charlottesville, Va., by R. H. Henderson, East Orange, N. J. Boring machines for boring joist. 86,706, May 28, 1912. Republished Sept. 14. Class 23.

Henderson, Robert H.: *See*—
Henderson, John G.

Hercules Powder Company, assignee: *See*—
Paper Makers Chemical Corporation.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co., Incorporated, Providence, R. I. Oil base textile finishing agent. 355,912, Apr. 5, 1938. Republished Sept. 14. Class 6.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co., Incorporated, Providence, R. I. Chemical textile finisher. 356,328, Apr. 26, 1938. Republished Sept. 14. Class 6.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co., Incorporated, Providence, R. I. Emulsified combination of waxes and fats. 362,444, Nov. 15, 1938. Republished Sept. 14. Class 6.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co., Incorporated, Providence, R. I. Sulphonated high titre fats. 362,445, Nov. 15, 1938. Republished Sept. 14. Class 6.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co. Incorporated, Providence, R. I. Treated vegetable oil. 362,446, Nov. 15, 1938. Republished Sept. 14. Class 6.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co. Incorporated, Providence, R. I. Emulsified vegetables waxes and fats. 363,180, Dec. 13, 1938. Republished Sept. 14. Class 6.

Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co. Incorporated, Providence, R. I. Oils. 368,586, June 27, 1939. Republished Sept. 14. Class 6.

Hertz, George, Washington, D. C. Reversible, protective covering cushion for surface of stairways. 440,652, Sept. 14; Serial No. 524,063, published June 15, 1948. Class 50.

Hesslein & Co., Inc., New York, N. Y. Sheeting, sheets, and pillow cases. 440,551, Sept. 14; Serial No. 503,094, published June 1, 1948. Class 42.

Hickey-Freeman Company, Rochester, N. Y. Men's suits and overcoats. 246,644, renewed Sept. 11, 1948. O. G. Sept. 14. Class 39.

Hillyard Chemical Company, St. Joseph, Mo. Liquid finish. 440,545, Sept. 14; Serial No. 498,770, published May 25, 1948. Class 16.

Hinde & Dauch Paper Company, The, Sandusky, Ohio. Paperboard boxes and cartons. 432,384, Sept. 2, 1947. Republished Sept. 14. Class 2.

Hirst, Edward G., Toronto, Ontario, Canada. Convertible chairs, telephone stands, convertible cabinets, etc. 440,675, Sept. 14; Serial No. 519,394. Class 32.

Hoffman, E. A., Candy Company, Inc.: *See*—
Hoffman, E. A., Candy Co., Inc.

Hoffman, E. A., Candy Co., Inc., by E. A. Hoffman Candy Company, Inc., Los Angeles, Calif. Candy. 191,954, Nov. 25, 1924. Republished Sept. 14. Class 46.

Hoffman, E. A., Candy Co., Inc., The, by E. A. Hoffman Candy Company, Inc., Los Angeles, Calif. Candy. 196,900, Mar. 31, 1925. Republished Sept. 14. Class 46.

Hoffman, E. A., Candy Company, Inc., Los Angeles, Calif. Candy. 223,333, Feb. 1, 1927. Republished Sept. 14. Class 46.

Hoffman, Robert C., York, Pa. Athletic supplies. 440,564, Sept. 14; Serial No. 507,824, published May 25, 1948. Class 22.

Hoffman, Robert C., York, Pa. Athletic supplies. 440,565, Sept. 14; Serial No. 507,825, published May 11, 1948. Class 22.

Holden, A. F., Company, The, West Haven, Conn. Furnaces. 502,125, Sept. 14; Serial No. 535,153, published May 18, 1948. Class 34.

Holsum Products: *See*—
Jewett & Sherman Co.

Hopkins, Ferd. T., & Son: *See*—
Hopkins, Ferdinand T.

Hopkins, Ferdinand T., doing business as Ferd. T. Hopkins & Son, New York, N. Y. Lotion. 246,014, renewed Aug. 28, 1948. O. G. Sept. 14. Class 6.

Hopkins, Ferdinand T., doing business as Ferd. T. Hopkins & Son, New York, N. Y. Lotion. 246,415, renewed Sept. 4, 1948. O. G. Sept. 14. Class 6.

Hormel, Geo. A., & Company, by Geo. A. Hormel & Company, Austin, Minn. Ham. 239,415, Mar. 6, 1928. Republished Sept. 14. Class 46.

Houbigant, Inc.: *See*—
Parfumerie Houbigant.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, etc. 221,886, Dec. 14, 1926. Republished Sept. 14. Class 6.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, lotion, etc. 226,004, Mar. 29, 1927. Republished Sept. 14. Class 6.

Houbigant, Inc., New York, N. Y. Manicure preparations. 250,915, renewed Dec. 18, 1948. O. G. Sept. 14. Class 6.

Hough Shade Corporation, Janesville, Wis. Ventilators. 502,137. Sept. 14; Serial No. 535,964, published May 25, 1948. Class 34.

Hoyle, Joseph, & Son, Limited, Longwood, near Huddersfield, England. Cloths and stuffs of wool, worsted, or hair. 198,009, Apr. 28, 1925. Republished Sept. 14. Class 42.

Hub, The: *See*—
Hecht Co., The.

Hubbard & McClary, Windsor, Vt., to Red Devil Tools, Irvington, N. J. Machines for setting glaziers' points. 245,035, renewed Aug. 7, 1948. O. G. Sept. 14. Class 23.

Hubinger Company, The, Keokuk, Iowa. Powdered laundry starch. 431,942, Aug. 12, 1947. Republished Sept. 14. Class 6.

Hungarian Rubber Goods Factory Limited, Budapest, Hungary. Inflatable rubber toys. 440,614, Sept. 14; Serial No. 519,581, published May 11, 1948. Class 22.

Hygienic Products Company, The, Canton, Ohio, by American-Marietta Company, Los Angeles, Calif. Detergent material. 317,117, Sept. 11, 1934. Republished Sept. 14. Class 4.

Ideal Tooth Incorporated, by Myerson Tooth Corporation, Cambridge, Mass. Artificial teeth. 212,108, Apr. 27, 1926. Republished Sept. 14. Class 44.

Illinois Electric Porcelain Company, Macomb, Ill. Electric insulators. 502,121, Sept. 14; Serial No. 534,442, published June 15, 1948. Class 21.

Illinois Lumber Manufacturing Company, Cairo, Ill. Prefabricated houses and parts thereof. 383,785, Dec. 24, 1940. Republished Sept. 14. Class 12.

Indianapolis Glove Company, Indianapolis, Ind. Fabric gloves and mittens. 143,053, May 24, 1921. Republished Sept. 14. Class 39.

Indianapolis Glove Company, Indianapolis, Ind. Fabric and combination fabric and leather gloves. 200,394, June 30, 1925. Republished Sept. 14. Class 39.

Indianapolis Glove Company, Indianapolis, Ind. Canvas work gloves. 225,658, Mar. 22, 1927. Republished Sept. 14. Class 39.

Indianapolis Glove Company, Indianapolis, Ind. Gloves. 237,798, Jan. 17, 1928. Republished Sept. 14. Class 39.

Indianapolis Glove Company, Indianapolis, Ind. Work gloves and work mittens of fabric, leather, and combinations thereof. 330,159, Nov. 19, 1935. Republished Sept. 14. Class 39.

Indianapolis Glove Company, Indianapolis, Ind. Work gloves and work mittens of fabric, leather, and combinations thereof. 330,161, Nov. 19, 1935. Republished Sept. 14. Class 39.

Indianapolis Glove Co., Indianapolis, Ind. Work gloves and work mittens. 382,294, Oct. 22, 1940. Republished Sept. 14. Class 39.

Indianapolis Glove Co., Indianapolis, Ind. Work gloves and work mittens. 400,042, Feb. 16, 1943. Republished Sept. 14. Class 39.

Industrial Management Corporation, Los Angeles, Calif. Insecticide. 440,533, Sept. 14; Serial No. 489,968, published Jan. 14, 1947. Class 6.

Inland Manufacturing Company, Dayton, Ohio, to General Motors Corporation, Detroit, Mich. Steering wheels for motor-driven vehicles. 243,941, renewed July 3, 1948. O. G. Sept. 14. Class 19.

Interchemical Corporation, New York, N. Y. Lacquers and wood finishes. 440,576, Sept. 14; Serial No. 511,877, published May 25, 1948. Class 16.

Interchemical Corporation, New York, N. Y. Pigments. 440,596, Sept. 14; Serial No. 516,901, published May 25, 1948. Class 16.

International Fire Equipment Corporation, West New Brighton, Staten Island, N. Y. Portable hand fire-extinguishing apparatus. 250,444, renewed Dec. 11, 1948. O. G. Sept. 14. Class 23.

International Silver Company, The, Meriden, Conn. Silver-plated flatware and hollow-ware. 502,078, Sept. 14; Serial No. 528,867, published June 8, 1948. Class 28.

Interstate Publishing Corp., New York, N. Y. Magazine or publication published periodically. 440,671, Sept. 14; Serial No. 508,730. Class 38.

Jaciel Perfumers, Inc., to J. C. Penney Company, New York, N. Y. Skin lotion, talcum powder, cold cream, etc. 244,235, renewed July 17, 1948. O. G. Sept. 14. Class 6.

Jackson Furniture Company, Oakland, Calif. Furniture and furnishings. 440,662, Sept. 14; Serial No. 525,856, published May 25, 1948. Class 32.

Jacoby-Bender, Inc., New York, N. Y. Men's and ladies' bracelets and watch bracelets. 440,607, Sept. 14; Serial No. 518,004, published June 8, 1948. Class 28.

Janszen Company, The, Cincinnati, Ohio. Salt, baking powder, and sal soda. 248,988, renewed Nov. 6, 1948. O. G. Sept. 14. Classes 6 and 46.

Janszen Company, The, Cincinnati, Ohio. Wallpaper cleaner. 250,919, renewed Dec. 18, 1948. O. G. Sept. 14. Class 4.

January and Wood Company, Maysville, Ky. Cotton yarn. 328,942. Oct. 8, 1935. Republished Sept. 14. Class 43.

Jewel Pharmacal Company: *See*—
National Herb Company, The.

Jewett & Sherman Co., doing business as Holsum Products, Milwaukee, Wis. Bluing. 502,188, Sept. 14; Serial No. 545,992, published June 8, 1948. Class 6.

Jones, Paul A., doing business as Kiddie Brush & Toy Company, Jonesville, Mich. Toy carpet sweepers, toy house cleaning sets and their contents. 502,118, Sept. 14; Serial No. 534,022, published May 18, 1948. Class 22.

Josey-Miller Co., by Josey-Miller Company, Inc., Beaumont, Tex. Poultry feed. 100,831, Oct. 27, 1914. Republished Sept. 14. Class 46.

Josey-Miller Co., by Josey-Miller Company, Inc., Beaumont, Tex. Horse and cattle feed. 100,833, Oct. 27, 1914. Republished Sept. 14. Class 46.

Josey Miller Company, by Josey-Miller Company, Inc., Beaumont, Tex. Dairy feed. 145,392, Aug. 2, 1921. Republished Sept. 14. Class 46.

Josey Miller Co., by Josey-Miller Company, Inc., Beaumont, Tex. Poultry feed. 147,002, Sept. 21, 1921. Republished Sept. 14. Class 46.

Josey-Miller Company, by Josey-Miller Company, Inc., Beaumont, Tex. Horse and mule feed. 176,179, Nov. 20, 1923. Republished Sept. 14. Class 46.

Josey-Miller Company, Beaumont, Tex. Stock feed. 270,917, May 20, 1930. Republished Sept. 14. Class 46.

Josey-Miller Company, Inc.: *See*—
Josey-Miller Co.
Josey Miller Company.

Josey-Miller Company, Inc., Beaumont, Tex. Mixed feeds. 310,001, Feb. 6, 1934. Republished Sept. 14. Class 46.

Kathryn, Inc., assignee of Kay Daumit, Inc., Chicago, Ill. After-shave lotion, sun tan oil, and cologne. 502,197, Sept. 14; Serial No. 500,961. Class 6.

Kaufman & Krieger, New York, N. Y. Laces and embroidered fabrics in the piece. 502,213, Sept. 14; Serial No. 524,541. Class 42.

Keene, Louis L., doing business as Organic Chemical & Dye Co., New York, N. Y. Textile dyestuffs. 502,192, Sept. 14; Serial No. 546,708, published June 15, 1948. Class 6.

Kelco Company, San Diego, Calif. Sodium alginate product. 313,309, May 22, 1934. Republished Sept. 14. Class 6.

Kelco Company, San Diego, Calif. Alginate product. 321,597, Feb. 5, 1935. Republished Sept. 14. Class 6.

Kelco Company, San Diego, Calif. Alginate product. 333,358, Mar. 17, 1936. Republished Sept. 14. Class 6.

Kelco Company, San Diego, Calif. Alginate product. 382,136, Oct. 15, 1940. Republished Sept. 14. Class 6.

Kelco Company, San Diego, Calif. Algin compound. 412,692, Mar. 20, 1945. Republished Sept. 14. Class 6.

Kelco Company, San Diego, Calif. Algin product. 416,387, Sept. 11, 1945. Republished Sept. 14. Class 46.

Kelco Company, San Diego, Calif. Algin compound. 421,958, June 25, 1946. Republished Sept. 14. Class 46.

Kelco Company, San Diego, Calif. Algin product. 430,364, June 10, 1947. Republished Sept. 14. Class 6.

Kelly-Springfield Tire Company, The, Cumberland, Md. Tires, tubes, and repair materials. 502,103, Sept. 14; Serial No. 532,610, published June 8, 1948. Class 35.

Kempsmith Machine Company, The: *See*—
Kempsmith Manufacturing Co., The.

Kempsmith Manufacturing Co., The, by The Kempsmith Machine Company, West Allis, Wis. Plain milling machines, universal milling machines, vertical milling machines, etc. 217,526, Aug. 31, 1926. Republished Sept. 14. Class 23.

Kempsmith Manufacturing Co., The, by The Kempsmith Machine Company, West Allis, Wis. All-geared plain milling machines, all-geared universals milling machines, all-geared vertical milling machines. 219,918, Oct. 26, 1926. Republished Sept. 14. Class 23.

Kerkoff, Inc.: *See*—
Smith, Alfred H., Co.

Kermentz & Company: *See*—
Kermentz & Co.

Keystone Broadcasting System, Inc., Chicago, Ill. Electrical transcription and phonograph records. 396,820, Aug. 4, 1942. Republished Sept. 14. Class 36.

Kiddie Brush & Toy Company: *See*—
Jones, Paul A.

King Manufacturing Company, by Adolph N. Gaebler, doing business as King Manufacturing Co., St. Louis, Mo. Medicinal preparation. 402,974, Aug. 24, 1943. Republished Sept. 14. Class 6.

Klauber, Eleanor F., doing business as Klauber Novelty Co., Chicago, Ill. Card games. 432,127, Aug. 19, 1947. Republished Sept. 14. Class 22.

Klauber Novelty Co.: *See*—
Klauber, Eleanor F.

Klein Chocolate Co., Inc., Elizabethtown, Pa. Chocolate. 402,200, July 6, 1943. Republished Sept. 14. Class 46.

Knothe Brothers Co. Inc., New York, N. Y. Men's and boys' suspenders. 502,084, Sept. 14; Serial No. 530,008, published June 8, 1948. Class 39.

Kosto Co., The, Chicago, Ill. Preparation in powdered form for making desserts and puddings. 257,301, June 4, 1929. Republished Sept. 14. Class 46.

Ko-Z-Aire, Inc.: *See*—
Ko-Z-Aire Manufacturing Company.

Ko-Z-Aire Manufacturing Company, Red Oak, Iowa, assignor to Ko-Z-Aire, Inc., South Bend, Ind. Warm air heating furnaces. 502,138, Sept. 14; Serial No. 535,969, published May 25, 1948. Class 34.

Kraft Foods Company: *See*—
Kraft-Phenix Cheese Company.

Kraft-Phenix Cheese Company, by Kraft Foods Company, Chicago, Ill. Powdered whey solid. 248,619, Oct. 3, 1928. Republished Sept. 14. Class 46.

Kräuterpfarrer Johann Künzle Zizers A. G., Zizers, Switzerland. Medical herb specialties. 440,620, Sept. 14; Serial No. 520,282, published June 15, 1948. Class 6.

Kravitz Clothing Company, Atlantic City, N. J. Men's and boys' overcoats, topcoats, suits, etc. 440,599, Sept. 14; Serial No. 517,063, published Sept. 9, 1947. Class 39.

Krementz & Co., by Krementz & Company, Newark, N. J. Cuff buttons, shirt studs, vest buttons, etc. 99,055, Aug. 11, 1914. Republished Sept. 14. Class 28.

Kristensen, Peder, doing business as North West Butter & Egg Co., Chicago, Ill. Butter. 440,669, Sept. 14; Serial No. 499,239. Class 46.

Kurfees, J. F., Paint Company, Louisville, Ky. Prepared or ready-mixed bronze and paint enamels. 502,131, Sept. 14; Serial No. 535,556, published May 25, 1948. Class 16.

Kurfees, J. F., Paint Company, Louisville, Ky. Prepared or ready-mixed liquid paints. 502,132, Sept. 14; Serial No. 535,557, published May 25, 1948. Class 16.

Kurfees, J. F., Paint Company, Louisville, Ky. Prepared or ready-mixed liquid paints. 502,133–4, Sept. 14; Serial Nos. 535,569–70, published May 25, 1948. Class 16.

La Crosse Rubber Mills Co., La Crosse, Wis. Rubber shoes. 159,012, Sept. 19, 1922. Republished Sept. 14. Class 39.

La Crosse Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 179,999, Feb. 19, 1924. Republished Sept. 14. Class 39.

La Crosse Rubber Mills Co., La Crosse, Wis. Shoes, overshoes, and boots. 371,518, Sept. 26, 1939. Republished Sept. 14. Class 39.

La Crosse Rubber Mills Co., La Crosse, Wis. Rubbers or overshoes. 372,458, Oct. 31, 1939. Republished Sept. 14. Class 39.

Laher Spring and Tire Corporation, Oakland, Calif. Automotive equipment and accessories. 502,047, Sept. 14; Serial No. 493,782, published June 8, 1948. Class 35.

Lake Reedy Packing Co., by L. Maxey, Inc., Frostproof, Fla. Fresh citrus fruits. 130,532, Apr. 27, 1920. Republished Sept. 14. Class 46.

Lalla, John F., Company, Chicago, Ill. Tea, canned shrimp, canned tomato soup, etc. 317,031, Sept. 11, 1934. Republished Sept. 14. Class 46.

Laminated Shim Company, Incorporated: *See*—
Laminated Shim Co., Inc.

Laminated Shim Co., Inc., Long Island City, N. Y., by Laminated Shim Company, Incorporated, Glenbrook, Conn. Shims and shim stock. 344,377, Mar. 23, 1937. Republished Sept. 14. Class 35.

Lamson & Sessions Company, The, Cleveland, Ohio. Merchandising cabinets. 380,120, Aug. 6, 1940. Republished Sept. 14. Class 32.

Lanman & Kemp-Barclay & Co. Incorporated: *See*—
Barclay & Barclay.

Lauderback, David, doing business as Monroe Exterminating Company, not Inc., by Monroe Laboratories, Inc., Chicago, Ill. Chemical antiseptic, insecticide, germicide, etc. 219,784, Oct. 26, 1926. Republished Sept. 14. Class 6.

La Villita Corporation, San Antonio, Tex. Novelties and curios sold as souvenirs. 440,553, Sept. 14; Serial No. 504,111, published June 22, 1948. Class 50.

Lee Rubber and Tire Corporation, Conshohocken, Pa. Pneumatic tires; inner tubes; repair kits. 502,111, Sept. 14; Serial No. 533,589, published June 8, 1948. Class 35.

Lee Rubber and Tire Corporation, Conshohocken, Pa. Rubber tires of all kinds. 502,112, Sept. 14; Serial No. 533,590, published June 8, 1948. Class 35.

Lee Sales Company, New York, N. Y. Target game employing the use of magnets. 440,556, Sept. 14; Serial No. 508,297, published May 25, 1948. Class 22.

Lehn & Fink Products Corporation, Bloomfield, N. J. Perfumes, eau de cologne, toilet water. 502,174, Sept. 14; Serial No. 543,613, published June 8, 1948. Class 6.

Lenz Electric Manufacturing Co., Chicago, Ill. Electric wires, cables, and cords. 502,073, Sept. 14; Serial No. 527,604, published June 1, 1948. Class 21.

Lessud Engineering Company, Clayton, Ga. Prefabricated sash and window units. 502,141, Sept. 14; Serial No. 536,101, published June 8, 1948. Class 12.

Levy Bros. & Adler Rochester, Inc., Rochester, N. Y. Women's coats. 502,160, Sept. 14; Serial No. 538,150, published May 25, 1948. Class 39.

Lewis, Florence N., by Elizabeth Arden Sales Corporation, New York, N. Y. Toilet cream. 136,514, Nov. 2, 1920. Republished Sept. 14. Class 6.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 502,088, Sept. 14; Serial No. 530,740, published June 15, 1948. Class 6.

Lindsay Ripe Olive Company, Lindsay, Calif. Canned olives. 390,152, Sept. 9, 1941. Republished Sept. 14. Class 46.

Lippitt Worsted Mills, Inc., Woonsocket, R. I. Piece goods of wool, silk, rayon, etc. 440,637, Sept. 14; Serial No. 522,725, published June 8, 1948. Class 42.

Littite Foundries, Inc.: *See*—
Little Brothers Foundry Company.

Little Brothers Foundry Company, by Littite Foundries, Inc., Port Huron, Mich. Iron alloy castings. 374,457, Jan. 9, 1940. Republished Sept. 14. Class 14.

Loft Candy Company Corporation: *See*—
Mirror, The.

Lorillard, P., Company, New York, N. Y. Chewing tobacco. 502,151, Sept. 14; Serial No. 536,913, published June 15, 1948. Class 17.

Lorillard, P., Company, New York, N. Y. Cigars. 502,152, Sept. 14; Serial No. 536,923, published June 22, 1948. Class 17.

Lorillard, P., Company, New York, N. Y. Cigarettes. 502,153, Sept. 14; Serial No. 536,928, published June 22, 1948. Class 17.

Luce Packing Company, to Luce Products, Inc., Lucedale, Miss. Canned fruits and vegetables. 250,645, renewed Dec. 11, 1948. O. G. Sept. 14. Class 46.

Luce Products, Inc.: *See*—
Luce Packing Company.

M.K.M. Hosiery Mills, Inc.: *See*—
Massachusetts Knitting Mills.

Magnavox Company, The, Fort Wayne, Ind. Radio receiving sets and radio phonograph combination sets, including cabinets therefor. 502,098, Sept. 14; Serial No. 532,039, published June 22, 1948. Class 21.

Magnavox Company, The, Fort Wayne, Ind. Radio receiving sets, and radio phonograph combination sets, including cabinets therefor. 502,117, Sept. 14; Serial No. 533,968, published June 22, 1948. Class 24.

Magnavox Company, The, Fort Wayne, Ind. Radio receiving sets, and radio phonograph combination sets, including cabinets therefor. 502,171, Sept. 14; Serial No. 540,546, published June 15, 1948. Class 21.

Mallick Manufacturing Co., Chicago, Ill. Dispensing bottle stoppers. 440,549, Sept. 14; Serial No. 501,915, published June 22, 1948. Class 50.

Mallinson & Co. Inc., H. R., to National Mallinson Fabrics Corporation, New York, N. Y. Silk piece goods and silk and wool mixed piece goods, etc. 250,524, renewed Dec. 11, 1948. O. G. Sept. 14. Class 42.

Mangels-Herold Co., Inc., Baltimore, Md. Compound of corn syrup, refiner's syrup, and granulated sugar, etc. 250,953, renewed Dec. 18, 1948. O. G. Sept. 14. Class 46.

Marguerite Selz, Paris, France. Perfumes. 439,660, July 13, 1948. Corrected. O. G. Sept. 14. Class 6.

Marsh, William E.: *See*—
Parker, Edgar W.

Marshall Field & Company, Chicago, Ill. Dish towels and toweling in the piece. 502,122, Sept. 14; Serial No. 534,455, published June 8, 1948. Class 42.

Marshall Field & Company, Chicago, Ill. Dish towels. 502,123, Sept. 14; Serial No. 534,456, published June 8, 1948. Class 42.

Martin Brothers Company, Minneapolis, Minn. Children's coveralls. 440,585, Sept. 14; Serial No. 513,185, published May 25, 1948. Class 39.

Marvel Jewelry Mfg. Company, Providence, R. I. Jewelry for personal wear (not including watches). 502,105, Sept. 14; Serial No. 533,186, published June 8, 1948. Class 28.

Maryland Pharmaceutical Company, The, Baltimore, Md. Head cold jelly. 316,295, Aug. 21, 1934. Republished Sept. 14. Class 6.

Marx & Haas-Korrekt Company, St. Louis, Mo. Men's and young men's summer suits, coats, and pants. 502,093, Sept. 14; Serial No. 530,946, published May 18, 1948. Class 39.

Massachusetts Knitting Mills, by M. K. M. Hosiery Mills, Inc., Boston, Mass. Hosiery. 248,837, Oct. 30, 1928. Republished Sept. 14. Class 39.

Massachusetts Knitting Mills, Jamaica Plain, Mass., by M. K. M. Hosiery Mills, Inc., Boston, Mass. Hosiery. 294,547, May 31, 1932. Republished Sept. 14. Class 39.

Masury-Young Company, Charlestown, Mass. Preparation in the nature of a floor oil or dressing for cleaning, preserving and beautifying wood, etc. 440,627, Sept. 14; Serial No. 520,957, published Nov. 4, 1947. Class 16.

Match King, Inc., by Galter Products Co., Chicago, Ill. Lamps. 306,963, Oct. 10, 1933. Republished Sept. 14. Class 34.

Mattamac Limited: *See*—
Pearson Brothers.

Matthews, Geo. B. & Sons, Inc., New Orleans, La. Feed for dairy cows. 292,845, Mar. 29, 1932. Republished Sept. 14. Class 46.

Matthews, Geo. B., & Sons, Inc., New Orleans, La. Stock, poultry, and dairy feeds. 329,357, Oct. 29, 1935. Republished Sept. 14. Class 46.

Maurella Products Co.: *See*—
Handman, Maurice.

Mawer-Gulden-Annis, Inc.: *See*—
Albers Packing Company.
Arguimbau & Ramee.

Maxey, L., Inc.: *See*—
Lake Reedy Packing Co.

Maximilian Furs, Inc., New York, N. Y. Fur garments. 502,158, Sept. 14; Serial No. 538,021, published May 25, 1948. Class 39.

Mayfair Tire Company, Chicago, Ill. Tires. 502,146, Sept. 14; Serial No. 536,408, published June 8, 1948. Class 35.

Maytag Company, The, Newton, Iowa. Gas ranges and parts therefor. 502,139, Sept. 14; Serial No. 535,978, published May 25, 1948. Class 34.

McCaffrey Ruddock Tagline Corporation, Los Angeles, Calif. Spring operated mechanism. 400,841, Apr. 6, 1943. Republished Sept. 14. Class 23.

McCoy, Ernest K., Norfolk, Va., by Glad Rag Products Corporation, New York, N. Y. Chemically treated and impregnated polishing cloths. 322,617, Mar. 12, 1935. Republished Sept. 14. Class 4.

McLeod & Henry Co., to McLeod & Henry Company, Inc., Troy, N. Y. Refractory bricks and blocks and refractory cements. 246,869, renewed Sept. 18, 1948. O. G. Sept. 14. Class 12.

McLeod & Henry Company, Inc.: *See*—
McLeod & Henry Co.

Mead Johnson & Company, Evansville, Ind. Specially prepared oatmeal product. 502,061, Sept. 14; Serial No. 516,930, published June 8, 1948. Class 6.

Mead Johnson & Company, Evansville, Ind. Specially prepared mixed cereal product. 502,062, Sept. 14; Serial No. 516,931, published June 8, 1948. Class 6.

Meat Industry Suppliers, Inc., Chicago, Ill. Chicken style soup base. 502,206, Sept. 14; Serial No. 513,127. Class 46.

Meen and Patton, Inc.: *See*—
Schmid Brothers.

Meier & Pohlmann Furniture Company: *See*—
Ellsworth Industries, Inc.

Meier & Pohlmann Furniture Co., St. Louis, Mo. Dinette suits. 440,559, Sept. 14; Serial No. 506,830, published Dec. 17, 1946. Class 32.

Melodie Textiles, Inc., New York, N. Y. Rayon piece goods. 440,589, Sept. 14; Serial No. 514,211, published June 1, 1948. Class 42.

Menard, Joseph A., by Timesaver Products Company, Seattle, Wash. Grinding compound. 137,657, Nov. 30, 1920. Republished Sept. 14. Class 4.

Mennen Company, The, Newark, N. J. Razor blades. 311,946, Apr. 10, 1934. Republished Sept. 14. Class 23.

Mennen Company, The, Newark, N. J. Talcum powder. 337,361, Aug. 4, 1936. Republished Sept. 14. Class 6.

Mennen Company, The, Newark, N. J. Talcum powder. 337,749, Aug. 18, 1938. Republished Sept. 14. Class 6.

Mennen Company, The, Newark, N. J. Shaving cream. 337,503, Aug. 11, 1936. Republished Sept. 14. Class 4.

Mennen Company, The, Newark, N. J. Soap. 342,514, Jan. 19, 1937. Republished Sept. 14. Class 4.

Mennen Company, The, Newark, N. J. Hair dressing. 430,278–9, June 10, 1947. Republished Sept. 14. Class 6.

Mente & Co., Inc., New Orleans, La. Sugar-bag cloth. 233,270, Sept. 27, 1927. Republished Sept. 14. Class 42.

Mentholatum Company, The, Wichita, Kans., and Buffalo, N. Y., to The Mentholatum Company, Buffalo, N. Y. Salve for external application. 248,543, renewed Oct. 23, 1948. O. G. Sept. 14. Class 6.

Merchants Chemical Company, The, Stamford, Conn. Liquid resinous coating composition. 440,593, Sept. 14; Serial No. 515,384, published May 25, 1948. Class 16.

Merchants Service Corporation, by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill. Drain pipe solvents. 325,356, June 18, 1935. Republished Sept. 14. Class 6.

Merkin, M. J., Paint Co., Inc., New York, N. Y. Zinc oxide ground in linseed or similar drying oils. 502,156, Sept. 14; Serial No. 537,808, published June 1, 1948. Class 16.

Merlino, A., & Sons, to A. Merlino, Seattle, Wash. Canned tomatoes, tomato sauce, canned peas, etc. 240,430, renewed Mar. 27, 1948. O. G. Sept. 14. Class 46.

Merrill Packing Company: *See*—
Merrill Packing Company, Inc., Ltd., The.

Merrill Packing Company, Inc., Ltd., The, by T. R. Merrill, doing business as Merrill Packing Company, Salinas, Calif. Fresh vegetables. 317,963–4, Oct. 9, 1934. Republished Sept. 14. Class 46.

Merrill Packing Company, Inc., Ltd., The, by T. R. Merrill, doing business as Merrill Packing Company, Salinas, Calif. Fresh vegetables. 319,434, Nov. 27, 1934. Republished Sept. 14. Class 46.

Merrill, T. R.: *See*—
Merrill Packing Company, Inc., Ltd., The.

Metke, John G., doing business under the name of Queen City Specialty Company, Buffalo, N. Y. Concentrated plastic vanilla. 440,663, Sept. 14; Serial No. 525,917, published June 8, 1948. Class 46.

Michigan Fruit Canners, Inc.: *See*—
South Haven Preserving Co.

Miller Protecto Products Co., assignee of Miller Protecto Products Co., Kalamazoo, Mich. Bottle liquid which when sprayed deodorizes and freshens the air. 502,050, Sept. 14; Serial No. 500,816, published June 15, 1948. Class 6.

Mirror, The, New York, to Loft Candy Corporation, Long Island City, N. Y. Soda water, ice-cream soda water, lemon phosphate. 247,018, renewed Sept. 18, 1948. O. G. Sept. 14. Class 45.

Mirror, The, New York, to Loft Candy Corporation, Long Island City, N. Y. Soda water, ice-cream soda water, lemon phosphates, etc. 247,123, renewed Sept. 18, 1948. O. G. Sept. 14. Class 45.

Mirror, The, to Loft Candy Corporation, Long Island City, N. Y. Candies, bonbons, pastry, etc. 247,621, renewed Oct. 2, 1948. O. G. Sept. 14. Class 46.

Missouri Paint & Varnish Co., St. Louis, Mo. Liquid coating material in the nature of a paint. 502,219, Sept. 14; Serial No. 532,620. Class 16.

Modelaire, Inc., Akron, Ohio. Toys, namely, model airplanes, model boats, model racing cars, etc. 440,672, Sept. 14; Serial No. 509,717. Class 22.

Mohican Company, The, by The Mohican Stores, Inc., New York, N. Y. Canned vegetables. 344,786, Apr. 6, 1937. Republished Sept. 14. Class 46.

Mohican Company, The, by The Mohican Stores, Inc., New York, N. Y. Tomato catsup, horseradish, etc. 347,907, July 13, 1937. Republished Sept. 14. Class 46.

Mohican Stores, Inc., The: *See*—
Mohican Company, The.

Monohansett Mfg. Co., Putnam, Conn., by Erwin Cotton Mills Company, Durham, N. C. Sheetings and shirtings. 58,866, Dec. 25, 1906. Republished Sept. 14. Class 42.

Monroe Exterminating Company: *See*—
Lauderback, David.

Monroe Laboratories, Inc.: *See*—
Lauderback, David.

Montana Flour Mills Company, Great Falls, Mont. Wheat flour. 246,950, renewed Sept. 18, 1948. O. G. Sept. 14. Class 46.

Moore, Maynard H., Jr., Inc., Stoneham, Mass. Flexible fibrous sheet base material impregnated with toughening and reinforcing substances. 440,534, Sept. 14; Serial No. 491,348, published June 15, 1948. Class 50.

Morse, Hollis H., Atlanta, Ga., by Orange Smile Sirup Company, St. Louis, Mo. Carbonated non-alcoholic beverage. 69,468, June 16, 1908. Republished Sept. 14. Class 45.

Morse and Skinner, Lodi, Calif. Fresh grapes. 361,049, Oct. 4, 1938. Republished Sept. 14. Class 46.

Moseley & Motley Milling Co., Rochester, N. Y., by Federal Mill, Inc., Lockport, N. Y. Wheat flour. 69,791, July 7, 1908. Republished Sept. 14. Class 46.

Moseley & Motley Milling Co., Rochester, N. Y., by Federal Mill, Inc., Lockport, N. Y. Wheat flour. 69,792, July 7, 1908. Republished Sept. 14. Class 46.

Moss & Lowenhaupt Cigar Co., St. Louis, Mo. Smoking tobacco and cigarettes. 502,148, Sept. 14; Serial No. 536,742, published June 22, 1948. Class 17.

Mullins Manufacturing Corporation, Salem and Warren, Ohio. Kitchen cabinets and undersink cabinets. 440,536–7, Sept. 14; Serial Nos. 493,975–6, published June 15, 1948. Class 32.

Murdock Distributors, Inc.: *See*—
National Technical Laboratories.

Myerson Tooth Corporation: *See*—
Ideal Tooth Incorporated.

Nachman Corporation: *See*—
National Spring & Wire Co.

National Battery Company: *See*—
Gould Storage Battery Co., Inc.
National Lead Battery Co.

National Carbide Corporation, New York, N. Y. Calcium carbide. 502,189, Sept. 14; Serial No. 546,117, published June 22, 1948. Class 6.

National Electric Products Corporation, Pittsburgh, Pa. Rigid metallic ducts for low potential electrical conductors. 440,630, Sept. 14; Serial No. 521,529, published June 1, 1948. Class 21.

National Heater Co., Minneapolis, Minn. Forced draft space heaters. 440,528, Sept. 14; Serial No. 479,396, published May 25, 1948. Class 34.

National Herb Company, The, Washington, D. C., to Jewel Pharmacal Company, St. Louis, Mo. Internal herb remedies. 69,592, re-renewed June 23, 1948. O. G. Sept. 14. Class 6.

National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 420,514, Apr. 16, 1946. Republished Sept. 14. Class 39.

National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 420,761, Apr. 30, 1946. Republished Sept. 14. Class 39.

National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 422,776, Aug. 13, 1946. Republished Sept. 14. Class 39.

National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 429,784–6, May 20, 1947. Republished Sept. 14. Class 39.

National Institute of Nutrition, by Nion Corporation, Los Angeles, Calif. Vitamin concentrate in syrup and tablet form. 366,190, Apr. 4, 1939. Republished Sept. 14. Class 6.

National Lead Battery Co., by National Battery Company, St. Paul, Minn. Batteries. 242,106, May 15, 1928. Republished Sept. 14. Class 21.

National Maillinson Fabrics Corporation: *See*—
Maillinson, H. R., & Co. Inc.

National Petroleum Publishing Company, Cleveland, Ohio. A publication issued periodically. 502,203, Sept. 14; Serial No. 512,522. Class 38.

National Retail Dry Goods Association, New York, N. Y. A periodical publication. 502,195, Sept. 14; Serial No. 500,407. Class 38.

National Spring & Wire Co., Grand Rapids, Mich., to Nachman Corporation, Chicago, Ill. Furniture cushion springs and furniture upholstery springs. 240,291, renewed Mar. 20, 1948. O. G. Sept. 14. Class 32.

National Starch Products Inc., New York, N. Y. Starches and starch derivatives. 502,067, Sept. 14; Serial No. 526,588, published June 8, 1948. Class 6.

National Supply Company, The: *See*—
Central Tube Company.
Shonvlin, Patrick J.

National Technical Laboratories, South Pasadena, by Murdock Distributors, Inc., Los Angeles, Calif. Automatic germicide mixers and dispensers. 401,408, May 18, 1943. Republished Sept. 14. Class 13.

Negus, Albert I., Jr., doing business as Cotton Disk Dispenser Co., Madison, Wis. Empty tube-like units for storing and dispensing filter disks. 440,601, Sept. 14; Serial No. 517,148, published June 15, 1948. Class 2.

Neptune Sea Food Company, San Diego, by The French Sardine Company, Fish Harbor Wharf, Terminal Island, Calif. Canned fish, canned sardines. 121,932, June 11, 1918. Republished Sept. 14. Class 46.

Newark Paraffine and Parchment Paper Co., Newark, N. J., and New York, N. Y., to Newark Paraffine and Parchment Paper Co., Newark, N. J. Glassine, waxed paper, etc. 234,178, renewed Oct. 18, 1947. O. G. Sept. 14. Class 37.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed paper. 254,333, Mar. 19, 1929. Republished Sept. 14. Class 37.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed paper bags. 254,809, Apr. 2, 1929. Republished Sept. 14. Class 2.

New York Theatre Program Corporation, by Playbill, Incorporated, New York, N. Y. Printed periodical. 319,018, Nov. 13, 1934. Republished Sept. 14. Class 38.

Nichols Engineering & Research Corporation, New York, N. Y. Furnaces, parts and supplies therefor. 502,155, Sept. 14; Serial No. 537,346, published May 25, 1948. Class 34.

Nickel Cadmium Battery Corporation, Easthampton, Mass. Storage batteries. 440,610, Sept. 14; Serial No. 518,904, published June 1, 1948. Class 21.

Nion Corporation: *See*—
National Institute of Nutrition.

Niven, Mack P., doing business as Carolina Manufacturing Company, Greenville, S. C. Handkerchiefs. 502,218, Sept. 14; Serial No. 530,015. Class 39.

Nobrega, Frank B., Kansas City, Mo. Surface polishing wax. 423,947, Sept. 17, 1946. Republished Sept. 14. Class 16.

Norstar Corporation, New York, N. Y. Toys in the form of miniature house cleaning devices. 440,569, Sept. 14; Serial No. 508,854, published May 11, 1948. Class 22.

North American Refractories Company: *See*—
United States Refractories Corporation.

North Jersey Wholesale Grocery Co.: *See*—
Hemingway, H. F., & Co.

North West Butter & Egg Co.: *See*—
Kristensen, Peder.

Northwest Casualty Company, Seattle, Wash. Service of casualty insurance. 502,224, Sept. 14; Serial No. 532,957. Class 55.

Nourse, John C., by Nourse Oil Company, Kansas City, Mo. Harness-oil. 117,700, July 24, 1917. Republished Sept. 14. Class 4.

Nourse Oil Company: *See*—
Nourse, John C.

Nourse Oil Company, Rosedale, Kans., and Kansas City, Mo. Lubricating oils. 138,843. Jan. 11, 1921. Republished Sept. 14. Class 15.

Nourse Oil Company, Kansas City, Kans. Insecticides. 300,173, Jan. 10, 1933. Republished Sept. 14. Class 6.

Ohio Brass Company, The, Mansfield, Ohio. Electric connectors, electric conductors, and electric rail bonds. 502,053, Sept. 14; Serial No. 511,412, published June 1, 1948. Class 21.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 112,799–801, Sept. 26, 1916. Republished Sept. 14. Class 46.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 187,453, Aug. 5, 1924. Republished Sept. 14. Class 46.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 240,820, Apr. 10, 1928. Republished Sept. 14. Class 46.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 248,268, Oct. 16, 1928. Republished Sept. 14. Class 46.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 314,906, July 10, 1934. Republished Sept. 14. Class 46.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 340,293–4, Nov. 3, 1936. Republished Sept. 14. Class 46.

Ohio Salt Company, The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 340,310–11, Nov. 3, 1936. Republished Sept. 14. Class 46.

Omar Appliance Manufacturing Company, St. Louis, Mo. Electric steaming irons. 502,072, Sept. 14; Serial No. 527,359, published June 22, 1948. Class 21.

O'Neill, Gordon, Company: *See*—
O'Neill, Gordon, Co., Inc.

O'Neill, Gordon, Co., Inc., New York, N. Y., by Gordon O'Neill Company, Jersey City, N. J. Gin and whiskey. 316,351, Aug. 21, 1934. Republished Sept. 14. Class 49.

O'Neill, Gordon, Co., Inc., by Gordon O'Neill Company, Jersey City, N. J. Brandy. 389,999, Sept. 2, 1941. Republished Sept. 14. Class 49.

Optical Development Corporation, Chicago, Ill. Zipper-closed receptacle or case. 502,097, Sept. 14; Serial No. 531,939, published June 22, 1948. Class 2.

Orange Smile Sirup Company: *See*—
Morse, Hollis H.

Organic Chemical & Dye Co.: *See*—
Keene, Louis L.

Oxford University Press, New York, Inc., New York, N. Y. Books and pamphlets. 432,593, Sept. 9, 1947. Republished Sept. 14. Class 38.

Pacific Gamble Robinson Co., Seattle, Wash. Fresh roasted peanuts in the shell. 424,728, Oct. 22, 1946. Republished Sept. 14. Class 46.

Palmolive-Peet Company, The, now by change of name Colgate-Palmolive-Peet Company, Chicago, Ill., to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap. 250,434–5, renewed Dec. 11, 1948. O. G. Sept. 14. Class 4.

Paper Makers Chemical Corporation, assignor to Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co., Incorporated, Providence, R. I. Highly concentrated sulphonated tallow. 343,923, Mar. 9, 1937. Republished Sept. 14. Class 6.

Paper Makers Chemical Corporation, assignor to Hercules Powder Company, Wilmington, Del., by Arnold, Hoffman & Co., Incorporated, Providence, R. I. Sulphonated castor oil. 343,924, Mar. 9, 1937. Republished Sept. 14. Class 6.

Paramount Knitting Co., by Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 66,702, Dec. 24, 1907. Republished Sept. 14. Class 39.

Parfumerie Houbigant, assignor to Houbigant, Inc., Paris, France, by Houbigant, Inc., New York, N. Y. Perfumes, toilet waters, sachet and sachet powders. 146,128, Aug. 30, 1921. Republished Sept. 14. Class 6.

Parfumerie Houbigant, assignor to Houbigant, Inc., Paris, France, by Houbigant, Inc., New York, N. Y. Perfumes, toilet water, sachet and sachet powders. 158,052, Aug. 22, 1922. Republished Sept. 14. Class 6.

Parfums Weil Paris Co., New York, N. Y. Perfumes. 406,163, Mar. 14, 1944. Republished Sept. 14. Class 6.

Park Chemical Company, Detroit, Mich. Penetrating oil. 440,542, Sept. 14; Serial No. 496,652, published May 18, 1948. Class 15.

Parker, Dr., Medicine Co.: *See*—
Parker, Edgar W.

Parker, Edgar W., doing business as Dr. Parker Medicine Co., Tampa, Fla., to W. E. Marsh, doing business as Dr. Parker Medicine Company, Chicago, Ill. General vitalizing tonic in tablet form. 249,545, renewed Nov. 20, 1948. O. G. Sept. 14. Class 6.

Pate Oil Company, Milwaukee, Wis. Lubricating oils and greases. 331,162, Dec. 31, 1935. Republished Sept. 14. Class 15.

Pearson Brothers, to Mattamac Limited, London, England. Waterproof coats and waterproof capes. 245,150, renewed Aug. 7, 1948. O. G. Sept. 14. Class 39.

Peerless Album Company, Inc., New York, N. Y. Hassock container for phonograph records. 440,594, Sept. 14; Serial No. 515,779, published June 1, 1948. Class 32.

Pemco Corporation: *See*—
Porcelain Enamel and Manufacturing Company, The.

Pendleton Woolen Mills, Portland, Oreg. Woolen blankets. 246,911, renewed Sept. 18, 1948. O. G. Sept. 14. Class 42.

Pendleton Woolen Mills, Portland, Oreg. Woolen blankets. 248,843, renewed Oct. 30, 1948. O. G. Sept. 14. Class 42.

Peninsular Paper Company, Ypsilanti, Mich. Book and cover papers. 329,140, Oct. 15, 1935. Republished Sept. 14. Class 37.

Peninsular Paper Company, Ypsilanti, Mich. Cover papers and book papers. 331,411, Jan. 7, 1936. Republished Sept. 14. Class 37.

Penney, J. C., Company: *See*—
Jaciel Perfumers, Inc.

Penn Tobacco Company, Wilkes-Barre, Pa. Smoking tobacco. 502,166, Sept. 14; Serial No. 539,745, published June 8, 1948. Class 17.

Penn Tobacco Company, Wilkes-Barre, Pa. Smoking and chewing tobacco. 502,167–8, Sept. 14; Serial Nos. 539,749–50, published June 15, 1948. Class 17.

Penn Tobacco Company, Wilkes-Barre, Pa. Smoking and chewing tobacco. 502,169, Sept. 14; Serial No. 539,753, published June 15, 1948. Class 17.

Pennsylvania Range Boiler Company, Philadelphia, Pa. Hot water heaters. 502,145, Sept. 14; Serial No. 536,279, published May 25, 1948. Class 34.

Permutit Company, The, New York, N. Y. Granular sand-like zeolites. 440,660, Sept. 14; Serial No. 525,103, published Sept. 30, 1947. Class 31.

Peters, Albert T., doing business as Vitamineral Products Co., by P. S. Casey, doing business as Vitamineral Products Co., Peoria, Ill. Cattle, swine, dairy and poultry feed. 176,506, Nov. 27, 1923. Republished Sept. 14. Class 46.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparations. 502,076, Sept. 14; Serial No. 528,226, published June 8, 1948. Class 6.

Phelan-Faust Paint Mfg. Co., St. Louis, Mo. Oil base plastic paint. 502,106, Sept. 14; Serial No. 533,364, published May 25, 1948. Class 16.

Phillips Packing Company, Inc.: *See*—
Vimpep Foods, Inc.

Pierce, S. S., Co., Boston, Mass. Canned and preserved fruits, canned vegetables, canned fish, etc. 223,788, Feb. 8, 1927. Republished Sept. 14. Class 46.

Pieri, Mame, doing business as Bestaste Products Company, by M. Pieri, Buffalo, N. Y. Tomato pulp. 414,218, May 29, 1945. Republished Sept. 14. Class 46.

Pillsbury Mills, Inc.: *See*—
Polar Milling Company.

Plastic Affiliates, Inc., Santa Barbara, Calif. Fish lures. 440,670, Sept. 14; Serial No. 503,220. Class 22.

Plastoid Corporation, New York, N. Y. Plastic coated electric wire. 440,634, Sept. 14; Serial No. 522,104, published June 15, 1948. Class 21.

Playbill, Incorporated: *See*—
New York Theatre Program Corporation.

Polar Milling Company, to Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 244,106, renewed July 10, 1948. O. G. Sept. 14. Class 46.

Polar Ware Company, Sheboygan, Wis. Metal kitchen and cooking pots, pans, and kettles, etc. 244,659, renewed July 24, 1948. O. G. Sept. 14. Class 13.

Porcelain Enamel and Manufacturing Company, The, to Pemco Corporation, Baltimore, Md. Monthly magazine. 243,620, renewed June 26, 1948. O. G. Sept. 14. Class 38.

Porter, Richard H., Chicago, Ill. Periodical published monthly. 272,213, July 1, 1930. Republished Sept. 14. Class 38.

Powell, Edward V., doing business as Powell Instrument Company, Scarsdale, N. Y. Woodwind musical instrument. 440,587, Sept. 14; Serial No. 513,767, published June 15, 1948. Class 36.

Powell Instrument Company: *See*—
Powell, Edward V.

Preferred Utilities Manufacturing Corp., New York, N. Y. Mechanism for use with oil burners. 440,554, Sept. 14; Serial No. 504,289, published June 1, 1948. Class 34.

Procter & Gamble Company, The, Cincinnati, Ohio. Mineral oil product for processing wool fibres. 502,193, Sept. 14; Serial No. 548,837, published June 22, 1948. Class 6.

Pyroxylin Products, Inc., Chicago, Ill. Open-mesh sheet material. 440,623, Sept. 14; Serial No. 520,415, published June 15, 1948. Class 50.

Quality Soap Manufacturing Company, by Topp Oil & Chemical Co., Milwaukee, Wis. Hand soap. 302,576, Apr. 25, 1933. Republished Sept. 14. Class 4.

Queen City Specialty Company: *See*—
Metke, John G.

Quigley Chemical Products Company: *See*—
Quigley, Richard I., Jr.

Quigley, Richard I., Jr., doing business as Quigley Chemical Products Company, High Point, N. C. Brushing lacquer. 440,555, Sept. 14; Serial No. 505,235, published May 25, 1948. Class 16.

Raybestos-Manhattan, Inc., Passaic, N. J. Flax packing material. 502,107–8, Sept. 14; Serial Nos. 533,383–4, published June 8, 1948. Class 35.

Raybestos-Manhattan, Inc., Passaic, N. J. Brake linings, clutch facings, belting, etc. 502,109, Sept. 14; Serial No. 533,387, published June 8, 1948. Class 35.

Raybestos-Manhattan, Inc., Passaic, N. J. Belting, hose and packing material. 502,110, Sept. 14; Serial No. 533,389, published June 8, 1948. Class 35.

Raybestos-Manhattan, Inc., Passaic, N. J. Clutch facings. 502,173, Sept. 14; Serial No. 541,782, published June 8, 1948. Class 35.

Recorg Supply Corporation, by P. M. Cooter, doing business as The Cooter Company, Chicago, Ill. Toilet and wash bowl cleaner. 381,317, Sept. 17, 1940. Republished Sept. 14. Class 4.

Red Devil Tools: *See*—
Hubbard & McClary.

Red Star Mfg. Co. Inc., San Juan, Porto Rico, and New York, N. Y., to Red Star Mfg. Co. Inc., Santurce, Puerto Rico. Pearl buttons. 249,368, renewed Nov. 13, 1948. O. G. Sept. 14. Class 40.

Reed and Carnrick, Jersey City, N. J. Remedy for diseases of the kidneys. 87,808, Aug. 6, 1912. Republished Sept. 14. Class 6.

Reed & Carnrick, Jersey City, N. J. Medicinal preparations. 243,916, July 3, 1928. Republished Sept. 14. Class 6.

Reina, Alice G., New York, N. Y. Powder crystallizing compound. 440,582, Sept. 14; Serial No. 512,927, published June 8, 1948. Class 1.

Reineking, William, Melbourne, Fla. Golf accessory. 440,562, Sept. 14; Serial No. 507,491, published Apr. 13, 1948. Class 22.

Reis, Robert, & Co., to Robert Reis & Co., New York, N. Y. Men's drawers and undershirts. 71,837, re-renewed Dec. 15, 1948. O. G. Sept. 14. Class 39.

Reliance Manufacturing Company, Chicago, Ill. Boys' blouses, negligee and work shirts, and play suits. 250,282, renewed Dec. 4, 1948. O. G. Sept. 14. Class 39.

Rentz, Fred, Paper Company, Chicago, Ill. Greaseproof and waterproof wrapping paper. 249,791, renewed Nov. 20, 1948. O. G. Sept. 14. Class 37.

Republic Steel Corporation, Cleveland, Ohio. Water cooler cabinets; typewriter desks and cabinets; display cases and cabinets; etc. 440,539, Sept. 14; Serial No. 495,406, published June 22, 1948. Class 32.

Resinous Products & Chemical Company, The, Philadelphia, Pa. Synthetic organic chemicals. 432,867, Sept. 16, 1947. Republished Sept. 14. Class 6.

Resinous Products & Chemical Company, The, Philadelphia, Pa. Synthetic or chemically-modified resinous materials in solid form. 432,868, Sept. 16, 1947. Republished Sept. 14. Class 1.

Resinous Products & Chemical Company, The, Philadelphia, Pa. Synthetic resinous materials in the form of granules, powders, and solutions. 432,869, Sept. 16, 1947. Republished Sept. 14. Class 1.

Rice and Fishman, Newark, by U C O Food Corporation, Newark, N. J. Canned vegetables, canned fruits, canned shellfish, etc. 233,426, Sept. 27, 1927. Republished Sept. 14. Class 46.

Richkraft Company, The, Chicago, Ill. Transparent, flexible, water-proof, weather repellant sheet material. 440,612, Sept. 14; Serial No. 519,417, published June 15, 1948. Class 50.

Richmond Metal and Plastics Corporation, Philadelphia, Pa. Metallic dispensing containers. 440,568, Sept. 14; Serial No. 508,548, published June 22, 1948. Class 2.

Rio Grande Produce Co.: *See*—
Church, C. A.

Robb-Ross Company, The: *See*—
Tolerton & Warfield Company.

Robins, A. H., Company, Richmond, Va. Vitamin preparation. 502,058, Sept. 14; Serial No. 513,771, published June 15, 1948. Class 6.

Rodriguez, Salvador, Inc., Tampa, Fla. Cigars. 440,615, Sept. 14; Serial No. 519,776, published June 22, 1948. Class 17.

Rodriguez, Salvador, Inc., Tampa, Fla. Cigars. 440,618, Sept. 14; Serial No. 520,058, published June 22, 1948. Class 17.

Ron Virgin Company, Ltd., by Ron Virgin Company, Ltd., Cambridge, Mass. Vodka. 411,825, Feb. 6, 1945. Republished Sept. 14. Class 49.

Rosenau Brothers, Inc., Philadelphia, Pa. Children's dresses. 502,147, Sept. 14; Serial No. 536,449, published June 8, 1948. Class 39.

Rosenau Brothers, Inc., Philadelphia, Pa. Children's dresses. 502,149, Sept. 14; Serial No. 536,839, published May 25, 1948. Class 39.

Rosewin Coats, Inc., Kansas City, Mo. Fabric piece goods. 440,616, Sept. 14; Serial No. 519,899, published May 25, 1948. Class 42.

Rouw, H., Company, The, Edinburg, Tex. Fresh citrus fruits. 380,726–7, Aug. 27, 1940. Republished Sept. 14. Class 46.

Rowand, Edward W., Delaware, Ohio. Wooden file boxes. 440,572, Sept. 14; Serial No. 509,877, published June 15, 1948. Class 32.

Royal Electrotype Company, Philadelphia, Pa. Electrotypes. 239,760, Mar. 13, 1928. Republished Sept. 14. Class 50.

Rudy Furnace Company, Dowagiac, Mich. Water heaters. 502,113, Sept. 14; Serial No. 533,620, published May 11, 1948. Class 34.

Rudy-Patrick Seed Company, Kansas City, Mo. Flower, garden, farm, and field seeds. 245,538, Aug. 14, 1928. Republished Sept. 14. Class 1.

Rutledge Potato Chip Company, Fort Worth, Tex. Potato chips and corn chips. 502,208, Sept. 14; Serial No. 515,644. Class 46.

Safety Grip Manufacturing Company: *See*—
Brown, Felix E.

Saks & Company, New York, N. Y. Cigars, cigarettes, and tobacco. 502,204–5, Sept. 14; Serial Nos. 512,703–4. Class 17.

San Carlos Canning Company, by South Pacific Canning Company, Long Beach, Calif. Canned fish. 364,315, Jan. 24, 1939. Republished Sept. 14. Class 46.

Sands, Taylor & Wood Company, Somerville, Mass. Wheat flour, tea, and coffee. 284,637, July 7, 1931. Republished Sept. 14. Class 46.

Sanford & Son: *See*—
Braunstein, Sanford.

Sapphire Hosiery Company, Philadelphia, Pa., by Sapphire Hosiery Corporation, New York, N. Y. Hosiery. 426,136, Dec. 17, 1946. Republished Sept. 14. Class 39.

Sapphire Hosiery Company, Philadelphia, Pa., by Sapphire Hosiery Corporation, New York, N. Y. Hosiery. 427,112, Jan. 28, 1947. Republished Sept. 14. Class 39.

Sapphire Hosiery Corporation: *See*—
Sapphire Hosiery Company.

Saurer, Adolph, by Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Automobiles, automobile wheels, radiators, chassis, etc. 86,242, Apr. 23, 1912. Republished Sept. 14. Class 19.

Saurer, Adolph, Arbon, Switzerland, by Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Embroidering machines, lace machines, weaving machines, etc. 87,632, July 30, 1912. Republished Sept. 14. Class 23.

Schering Corporation, Bloomfield, N. J. Antispasmodic containing n-tributyl-ethyl nicotinamide. 502,175, Sept. 14; Serial No. 543,838, published June 8, 1948. Class 6.

Schieren, Chas. A., Company, New York, N. Y. Leather packings molded to different shapes and in the flat. 502,092, Sept. 14; Serial No. 530,853, published June 8, 1948. Class 35.

Schmid Brothers, assignor to Moen and Patton, Inc., Lancaster, Pa. Ice and roller skates. 440,547, Sept. 14; Serial No. 499,155, published June 1, 1948. Class 22.

Schneider Brothers Millinery Company, St. Louis, Mo. Ladies' and misses' hats. 250,784, renewed Dec. 18, 1948. O. G. Sept. 14. Class 39.

Schneiderman, Eli, doing business as Den-El Equipment Co., Irvington, N. J. Supports and brackets for holding fluorescent lights. 440,631, Sept. 14; Serial No. 521,830, published June 8, 1948. Class 21.

Schoeman, Fred H., New York, N. Y. Woven mats, rugs, and carpets. 440,560, Sept. 14; Serial No. 506,966, published June 8, 1948. Class 42.

Scott, Rufus W., Company, to Bacon-Scott Company, Inc., New York, N. Y. Hosiery. 251,102, renewed Dec. 25, 1948. O. G. Sept. 14. Class 39.

Seaboard Packing Corporation, by South Pacific Canning Company, Long Beach, Calif. Canned fish. 318,416, Oct. 23, 1934. Republished Sept. 14. Class 46.

Seaboard Packing Corporation, by South Pacific Canning Company, Long Beach, Calif. Canned fish. 328,978, Oct. 15, 1935. Republished Sept. 14. Class 46.

Sealy, Incorporated, Chicago, Ill. Mattresses and box springs. 440,571, Sept. 14; Serial No. 509,607, published Mar. 11, 1947. Class 32.

Selchow & Righter Company: *See*—
Essanar Company, Inc.

Selchow & Righter Company, New York, by Selchow & Righter Company (1939), Buffalo, N. Y. Games of a picture-puzzle type. 201,300, July 21, 1925. Republished Sept. 14. Class 22.

Selchow & Righter Company (1939): *See*—
Selchow & Righter Company.

Shapiro, Harry, doing business as Chemical Specialties Company, New York, N. Y. Insecticides. 502,179, Sept. 14; Serial No. 544,469, published June 8, 1948. Class 6.

Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Fountain pens. 390,844, Oct. 7, 1941. Republished Sept. 14. Class 37.

Sheet Aluminum Corporation, Jackson, Mich. Pure and alloyed aluminum sheets, bars, blocks, etc. 231,845, Aug. 30, 1927. Republished Sept. 14. Class 14.

Sherman Products: *See*—
Sherman, Sol.

Sherman, Sol, doing business as Sherman Products, New York, N. Y. One-piece dress vests. 440,573, Sept. 14; Serial No. 510,902, published June 8, 1948. Class 39.

Sherwood Brothers Incorporated, Baltimore, Md. Gasoline. 245,841, renewed Aug. 21, 1948. O. G. Sept. 14. Class 15.

Shirley Fabrics Corp., New York, N. Y. Textile fabrics in the piece of cotton, rayon, wool, etc. 502,116, Sept. 14; Serial No. 533,932, published June 8, 1948. Class 42.

Shouvlin, Patrick J., Springfield, Ohio, by The National Supply Company, Pittsburgh, Pa. Internal-combustion engines. 144,278, June 28, 1921. Republished Sept. 14. Class 23.

Shreve & Adams, Inc., New York, N. Y. Hosiery. 197,770, Apr. 21, 1925. Republished Sept. 14. Class 39.

Silent-Flame Manufacturing Co., Inc., New York, N. Y. Oil burners for both industrial and domestic use. 440,626, Sept. 14; Serial No. 520,906, published June 8, 1946. Class 34.

Silver, William, & Company, Aberdeen, by Albert W. Sisk & Son, Preston, Md. Canned vegetables. 323,692, Apr. 30, 1935. Republished Sept. 14. Class 46.

Simon, M. & D., Company, Incorporated, Cleveland, Ohio. Men's and boys' dress and sport shirts. 440,628, Sept. 14; Serial No. 521,200, published June 8, 1948. Class 39.

Simon Mattress Manufacturing Co., San Francisco, Calif. Mattresses, pillows, box springs, etc. 427,074, Jan. 28, 1947. Republished Sept. 14. Class 32.

Simon Mattress Manufacturing Co., San Francisco, Calif. Sleeping bags. 428,116, Mar. 11, 1947. Republished Sept. 14. Class 22.

Simon Mattress Manufacturing Co., San Francisco, Calif. Bed comforters. 428,468, Mar. 25, 1947. Republished Sept. 14. Class 42.

Sisk, Albert W., & Son: *See*—
Silver, William, & Company.

Sisk, Albert W., & Son, by Albert W. Sisk & Son (1947), Preston, Md. Canned vegetables. 310,914, Mar. 13, 1934. Republished Sept. 14. Class 46.

Sisk, Albert W., & Son (1947): *See*—
Sisk, Albert W., & Son.

Slick-Shine Company, The, Newark, N. J. Odorless disinfecting fluid. 440,574, Sept. 14; Serial No. 511,113, published June 8, 1948. Class 6.

Smith, Alfred H., Co., New York, N. Y., to Kerkoff, Inc., East Orange, N. J. Perfumes. 70,592–3, re-renewed Sept. 15, 1948. O. G. Sept. 14. Class 6.

Smuckler, Lena G., doing business as French Veneer Manufacturing Co., assignor, by mesne assignments, to French Veneer Manufacturing Co., Inc., Los Angeles, Calif. Piano, auto, furniture, woodwork, and floor polishes. 440,535, Sept. 14; Serial No. 492,666, published May 25, 1948. Class 16.

Societa Prodotti Chimco Farmaceutici A. Bertelli & Co., Milan, Italy. Medicated plasters. 69,497, re-renewed June 16, 1948. O. G. Sept. 14. Class 6.

Societe Anonyme Adolphe Saurer: *See*—
Saurer, Adolph.

Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie., Montreuil-sous-Bois, France. Rabbit, hare, castor, nutria, cut hairs. 219,090, renewed Oct. 12, 1946. O. G. Sept. 14. Class 1.

Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie., Montreuil-sous-Bois, France. Skins of rats sized and glossed. 220,290, renewed Nov. 9, 1946. O. G. Sept. 14. Class 1.

Society Brand Clothes, Inc., Chicago, Ill. Clothing. 440,654, Sept. 14; Serial No. 524,492, published May 18, 1948. Class 39.

Socony-Vacuum Oil Company: *See*—
Vacuum Oil Company.

South Haven Preserving Co., South Haven, by Michigan Fruit Canners, Inc., Benton Harbor, Mich. Canned fruits and vegetables. 234,631, Nov. 1, 1927. Republished Sept. 14. Class 46.

South Pacific Canning Company: *See*—
Seaboard Packing Corporation.
South Pacific Canning Co.

South Pacific Canning Co., assignor to South Pacific Canning Company, Inc., by South Pacific Canning Company, Long Beach, Calif. Canned bonita. 376,351, Mar. 19, 1940. Republished Sept. 14. Class 46.

South Pacific Canning Co., assignor to South Pacific Canning Company, Inc., by South Pacific Canning Company, Long Beach, Calif. Canned fish. 376,361, Mar. 19, 1940. Republished Sept. 14. Class 46.

South Pacific Canning Co., assignor to South Pacific Canning Company, Inc., by South Pacific Canning Company, Long Beach, Calif. Canned tuna fish. 376,510, Mar. 26, 1940. Republished Sept. 14. Class 46.

South Pacific Canning Co., assignor to South Pacific Canning Company, Inc., by South Pacific Canning Company, Long Beach, Calif. Canned fish. 377,318, Apr. 30, 1940. Republished Sept. 14. Class 46.

South Pacific Canning Co., assignor to South Pacific Canning Company, Inc., by South Pacific Canning Company, Inc., Long Beach, Calif. Canned tuna fish. 377,345, Apr. 30, 1940. Republished Sept. 14. Class 46.

South Pacific Canning Co., assignor to South Pacific Canning Company, Inc., by South Pacific Canning Company, Long Beach, Calif. Canned fish. 378,256, June 4, 1940. Republished Sept. 14. Class 46.

South Pacific Canning Company, Inc.: *See*—
South Pacific Canning Co.

Southern Advance Bag & Paper Co. Inc., Bangor, Maine, and Boston, Mass. Kraft wrapping paper. 502,200, Sept. 14; Serial No. 508,867. Class 37.

Speare's, Alden, Sons Co., The, Cambridge, Mass., by The Exolon Company, Tonawanda, N. Y. Abrasives in comminuted form. 98,728–9, Aug. 4, 1914. Republished Sept. 14. Class 4.

Specialty Glass Co.: *See*—
Wagenseller, Paul W.

Speedaumat Addressing Machinery, Incorporated, Chicago, Ill., by Addressograph-Multigraph Corporation, Cleveland, Ohio. List filing cabinets, cabinet sections, and stands. 248,030, Oct. 16, 1928. Republished Sept. 14. Class 32.

Speer Carbon Company, Saint Marys, Pa. Carbon brushes. 379,691–2, July 23, 1940. Republished Sept. 14. Class 21.

Spencerian Pen Co., The, to Spencerian Pen Company Inc., New York, N. Y. Pens, pencils, pen-racks, etc. 32,197, re-renewed Dec. 6, 1948. O. G. Sept. 14. Classes 37 and 26.

Spencerian Pen Company Inc.: *See*—
Spencerian Pen Co., The.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. High boiling aromatic oils. 440,544, Sept. 14; Serial No. 498,177, published May 25, 1948. Class 16.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Gasoline. 440,567, Sept. 14; Serial No. 508,450, published May 25, 1948. Class 15.

Standard Romper Co., Inc., New York, N. Y. Children's clothing. 502,089, Sept. 14; Serial No. 530,781, published May 25, 1948. Class 39.

Standard Sanitary Manufacturing Company, to American Radiator & Standard Sanitary Corporation, Pittsburgh, Pa. Enameled ware. 243,677, renewed June 26, 1948. O. G. Sept. 14. Class 13.

Standard Underground Cable Company, Pittsburgh, Pa., to General Cable Corporation, New York, N. Y. Metal-sheathed electric cables, rubber-covered electric conductors, etc. 69,871, re-renewed July 14, 1948. O. G. Sept. 14. Class 21.

Stanley, W. F., and Company Limited, London, England. Sextants, telescopes, binocular glasses, etc. 327,675, Sept. 3, 1935. Republished Sept. 14. Class 26.

Stavanger Preserving Company, to Stavanger Preserving Co. A/S., Stavanger, Norway. Smoked sardines in oil. 70,539, re-renewed Sept. 8, 1948. O. G. Sept. 14. Class 46.

Stavanger Preserving Co. A/S: *See*—
Stavanger Preserving Company.

Steinert, M., & Sons Co., Inc., Boston, Mass. Pianos. 502,055, Sept. 14; Serial No. 512,540, published June 15, 1948. Class 36.

Stix, Baer & Fuller Co., St. Louis, Mo. Women's misses' and girls' wearing apparel. 502,081, Sept. 14; Serial No. 529,500, published May 25, 1948. Class 39.

Strawbridge & Clothier, Philadelphia, Pa. Men's clothing. 259,503, July 30, 1929. Republished Sept. 14. Class 39.

Strawbridge & Clothier, Philadelphia, Pa. Women's shoes. 279,567, Jan. 20, 1931. Sepublished Sept. 14. Class 39.

Strawbridge & Clothier, Philadelphia, Pa. Textile rugs. 335,553, June 9, 1936. Republished Sept. 14. Class 42.

Strawbridge & Clothier, Philadelphia, Pa. Hosiery. 350,112, Sept. 14, 1937. Republished Sept. 14. Class 39.

Strawbridge & Clothier, Philadelphia, Pa. Women's shoes. 383,854, Dec. 24, 1940. Republished Sept. 14. Class 39.

Strawbridge & Clothier, Philadelphia, Pa. Radio receiving sets. 502,135, Sept. 14; Serial No. 535,648, published June 22, 1948. Class 21.

Streator Brick Company, Streator, Ill. Bricks. 204,636, Oct. 20, 1925. Republished Sept. 14. Class 12.

Streator Brick Company, Streator, Ill. Bricks. 212,068, Apr. 27, 1926. Republished Sept. 14. Class 12.

Submarine Signal Company: *See*—
Submarine Signal Corporation.

Submarine Signal Corporation, Wilmington, Del., and Boston, Mass., by Submarine Signal Company. Apparatus for measuring distances. 205,312, Nov. 3, 1925. Republished Sept. 14. Class 26.

Sun Chemical Corporation, New York, N. Y. Oxidized wax material. 440,591, Sept. 14; Serial No. 515,134, published May 25, 1948. Class 16.

Superior Products Company, Dallas, Tex. Cosmetics and toilet preparations. 502,180, Sept. 14; Serial No. 544,928, published June 8, 1948. Class 6.

Sutliff, H., Pipe Shop: *See*—
Sutliff, Henry.

Sutliff, Henry, doing business as H. Sutliff Pipe Shop, to Sutliff Tobacco Company, San Francisco, Calif. Smoking tobacco. 249,891, renewed Nov. 20, 1948. O. G. Sept. 14. Class 17.

Sutliff Tobacco Company: *See*—
Sutliff Pipe Shop.

Swaim, E. H., Company, The: *See*—
Swaim, Edwin H.

Swaim, Edwin H., doing business as The E. H. Swaim Company, Dayton, Ohio. Cosmetic preparation. 340,577, Sept. 14; Serial No. 512,137, published June 8, 1948. Class 6.

Swan-Myers Company, Indianapolis, Ind., to Abbot Laboratories, North Chicago, Ill. Calcium guaiacol sulphonate. 249,453, renewed Nov. 13, 1948. O. G. Sept. 14. Class 6.

Syntron Company, Homer City, Pa. Conveyors. 375,846, Mar. 5, 1940. Republished Sept. 14. Class 23.

Talon, Inc., Meadville, Pa. Men's and boys' swimming trunks, boots, etc. 502,075, Sept. 14; Serial No. 527,934, published May 25, 1948. Class 39.

Tampa-Havana Company, Tampa, Fla. Cigars. 502,057, Sept. 14; Serial No. 513,277, published June 22, 1948. Class 17.

Tassano, Lisette, San Francisco, Calif. Hats, berets, caps, and bonnets. 502,115, Sept. 14; Serial No. 533,793, published May 25, 1948. Class 39.

Taxicab Publishing Company, The, Cleveland, Ohio. Publication published monthly. 502,220, Sept. 14; Serial No. 533,211. Class 38.

Taylor, Stiles & Company: *See*—
Taylor, Stiles & Co.

Taylor, Stiles & Co., to Taylor, Stiles & Company, Riegelsville, N. J. Paper-stock cutters and paper-stock shredders. 64,006, re-renewed July 16, 1947. O. G. Sept. 14. Class 23.

Technical Color and Chemical Works: *See*—
Greenbaum, Harry L.

Technical Color & Chemical Works, Inc.: *See*—
Greenbaum, Harry L.

Technical Works: *See*—
Greenbaum, Harry L.

Ternstedt Manufacturing Company, to General Motors Corporation, Detroit, Mich. Automobile body hardware. 244,391, renewed July 17, 1948. O. G. Sept. 14. Class 25.

Tex-Son Co., San Antonio, Tex. Children's playsuits, sun suits, pants, etc. 502,090, Sept. 14; Serial No. 530,787, published May 25, 1948. Class 39.

Thermet Fire Extinguishers, Inc., Reno, Nev. Fire extinguishing compounds. 502,066, Sept. 14; Serial No. 526,556, published June 8, 1948. Class 6.

Thermoid Company, Trenton, N. J. Conveyor belting. 502,095, Sept. 14; Serial No. 531,541, published June 8, 1948. Class 35.

Theurer-Norton Provision Co., The, Cleveland, Ohio. Bacon, hams, lard, etc. 140,994, Mar. 29, 1921. Republished Sept. 14. Class 46.

Timesaver Products Company: *See*—
Menard, Joseph A.

Tindale, John G., Kansas City, Mo. Radio receiving set cabinets. 440,556, Sept. 14; Serial No. 505,630, published May 25, 1948. Class 32.

Tiny Tailors, Inc., Richmond Hill, N. Y. Infants' wear. 440,635, Sept. 14; Serial No. 522,395, published June 8, 1948. Class 39.

Tobler, Ernst & Traber, Inc., New York, N. Y. Silk cloth, taffeta weave. 325,737, July 2, 1935. Republished Sept. 14. Class 42.

Tobler, Ernst & Traber, Inc., New York, N. Y. Woven fabrics. 397,439, Sept. 8, 1942. Republished Sept. 14. Class 42.

Tolerton & Warfield Company, doing business as The Robb-Ross Company, by Tolerton & Warfield Company. Pancake flour. 315,125, July 17, 1934. Republished Sept. 14. Class 46.

Tolerton & Warfield Co., Sioux City, Iowa. Dill seed, soup mixture, pepper, salt, etc. 396,387, July 14, 1942. Republished Sept. 14. Class 46.

Topp Oil & Chemical Co.: *See*—
Quality Soap Manufacturing Company.

Tot-Tested Toys Ltd., New York, N. Y. Toy musical instruments. 440,546, Sept. 14; Serial No. 498,870, published May 11, 1948. Class 22.

Townbrooke Fabrics, Inc., New York, N. Y. Piece goods. 440,532, Sept. 14; Serial No. 487,973, published May 25, 1948. Class 42.

Trenbath Corporation, New York, N. Y. Illuminated electric signs. 502,114, Sept. 14; Serial No. 533,646, published June 1, 1948. Class 21.

Tri-Parel Corporation, Philadelphia, Pa. Children's outer wearing apparel. 440,563, Sept. 14; Serial No. 507,604, published May 25, 1948. Class 39.

U C O Food Corporation: *See*—
Rice and Fishman.

Ullman Company, Inc., The, Brooklyn, N. Y. Table place mats. 440,592, Sept. 14; Serial No. 515,142, published June 1, 1948. Class 42.

Ungarische Gummiwaarenfabriks Actiengesellschaft, Budapest, Hungary, vested in Attorney General of the United States, Washington, D. C. Rubber and asbestos packing. 68,839, re-renewed Apr. 28, 1948. O. G. Sept. 14. Class 35.

United Dairy Company, Inc., The, Barnesville, Ohio. Evaporated milk. 211,245, Apr. 6, 1926. Republished Sept. 14. Class 46.

United Iron Works, Oakland, Calif. Fluid pumps, mining machinery. 357,892, June 21, 1938. Republished Sept. 14. Class 23.

U. S. Automatic Corporation, Amherst, Ohio. Screw machine products. 440,529, Sept. 14; Serial No. 486,014, published June 8, 1948. Class 21.

U. S. Brenner Corp., New York, N. Y. Cotton and rayon piece goods. 502,164, Sept. 14; Serial No. 538,677, published June 8, 1948. Class 42.

U. S. Machine Corporation, Lebanon, Ind. Automatic stokers and parts thereof, oil burners, space heaters, etc. 502,086, Sept. 14; Serial No. 530,598, published May 4, 1948. Class 34.

United States Refractories Corporation, Mount Union, Pa., by North American Refractories Company, Cleveland, Ohio. Brick. 266,875, Feb. 4, 1930. Republished Sept. 14. Class 12.

United States Rubber Company, New York, N. Y. Boots and shoes of rubber or rubber and fabric. 235,568, Nov. 22, 1927. Republished Sept. 14. Class 39.

United States Rubber Company, New York, N. Y. Hard thermoplastic rubber-resin sheet material. 502,051, Sept. 14; Serial No. 500,845, published June 8, 1948. Class 1.

U. S. Typewriter Ribbon Mfg. Co., Philadelphia, Pa. Type cleaner. 502,223, Sept. 14; Serial No. 548,771. Class 4.

Upjohn Company, The, Kalamazoo, Mich. Laxative. 249,366, renewed Nov. 13, 1948. O. G. Sept. 14. Class 6.

Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. 502,186, Sept. 14; Serial No. 545,565, published June 8, 1948. Class 6.

Vacuum Oil Company, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oils, greases, and waxes of all kinds, etc. 249,589, renewed Nov. 20, 1948. O. G. Sept. 14. Class 15.

Vanadium Corporation of America, Bridgeville, Pa., to Vanadium Corporation of America, New York, N. Y. Metallic oxides and salts. 244,653, renewed July 24, 1948. O. G. Sept. 14. Class 6.

Vanadium Corporation of America, Bridgeville, Pa., to Vanadium Corporation of America, New York, N. Y. Alloys. 244,654, renewed July 24, 1948. O. G. Sept. 14. Class 14.

Vanderbilt, R. T., Company, Inc., New York, N. Y. Chemical releasing agent. 440,636, Sept. 14; Serial No. 522,507, published May 11, 1948. Class 15.

Vernon-Benshoff Company, Pittsburgh, Pa. Restorative dental appliances including full dentures, etc. 362,016, Nov. 8, 1938. Republished Sept. 14. Class 44.

Victor Balata & Textile Belting Co., New York, N. Y. Cotton belting. 502,119, Sept. 14; Serial No. 534,232, published June 8, 1948. Class 35.

Victor Balata & Textile Belting Co., New York, N. Y. Solid woven cotton belt. 502,120, Sept. 14; Serial No. 534,233, published June 8, 1948. Class 35.

Victoria Woolen Company, Inc., New York, N. Y. Woolen piece goods. 440,611, Sept. 14; Serial No. 519,108, published June 8, 1948. Class 42.

Victory Musical Top Manufacturing Company, New York, N. Y. Toy musical tops. 440,548, Sept. 14; Serial No. 499,178, published June 1, 1948. Class 22.

Vimpep Foods, Inc., by Phillips Packing Company, Inc., Cambridge, Md. Canned dog food. 341,793, Dec. 22, 1936. Republished Sept. 14. Class 46

Vimpep Foods, Inc., by Phillips Packing Company, Inc., Cambridge, Md. Canned dog food. 342,155, Jan. 5, 1937. Republished Sept. 14. Class 46.

Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere, by Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 67,408, Feb. 4, 1908. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere, by Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 67,682, Feb. 11, 1908. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere, by Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 68,321, Mar. 31, 1908. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere, by Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 69,051, May 19, 1908. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere, by Virginia-Carolina Chemical Company, Richmond, Va. Fertilizers. 69,246, May 26, 1908. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Company, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere, by Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 69,764, July 7, 1908. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Corporation: *See*—
Virginia-Carolina Chemical Company.

Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 240,880–1, Apr. 10, 1928. Republished Sept. 14. Class 10.

Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 240,899, Apr. 10, 1928. Republished Sept. 14. Class 10.

Vitalic Battery Company, Inc., Dallas, Tex. Storage batteries. 502,056, Sept. 14; Serial No. 513,078, published June 1, 1948. Class 21.

Vitamineral Products Co.: *See*—
Peters, Albert T.

Vulcan Stamping and Mfg. Co., Inc., Bellwood, Ill. Sheet metal shipping containers. 415,236, July 31, 1945. Republished Sept. 14. Class 2.

Wagenseller, Paul W., doing business as Specialty Glass Co., Chicago, Ill. Glassware for chemical, laboratory, and scientific purposes. 243,665, renewed June 26, 1948. O. G. Sept. 14. Class 33.

Walkonaire Corporation, Chicago, Ill., by Walkonaire Corporation, Knox, Ind. Insoles for shoes. 363,997, Jan. 17, 1939. Republished Sept. 14. Class 39.

Waterman Products Company, Incorporated, Philadelphia, Pa. Cathode ray tubes. 502,124, Sept. 14; Serial No. 534,844, published June 22, 1948. Class 21.

Webster Electric Company, Racine, Wis. Unitary intercommunicating sound amplifying and transmitting apparatus. 502,201, Sept. 14; Serial No. 509,058. Class 21.

Wells Lamont Corporation: *See*—
Wells-Lamont Manufacturing Co.

Wells-Lamont Manufacturing Co., Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Knitted and woven fabric gloves. 219,164, Oct. 12, 1926. Republished Sept. 14. Class 39.

Wells-Lamont Manufacturing Co., Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Knitted and woven fabric gloves. 219,165, Oct. 12, 1926. Republished Sept. 14. Class 39.

Wells-Lamont Manufacturing Co., Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Knitted and woven fabric gloves. 219,876, Oct. 26, 1926. Republished Sept. 14. Class 39.

Wells-Lamont Manufacturing Co., Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Knitted and woven fabric gloves. 221,478, Nov. 30, 1926. Republished Sept. 14. Class 39.

Wells, Robert O., doing business as Cascade Paper Company, North Adams, Mass. Paper bags. 502,083, Sept. 14; Serial No. 529,942, published June 22, 1948. Class 2.

Wembley, Inc., New Orleans, La. Neckties. 440,625, Sept. 14; Serial No. 520,777, published May 18, 1948. Class 39.

Western Felt Works: *See*—
Western Felt Works, The.

Western Felt Works, The, by Western Felt Works, Chicago, Ill. Wool-felt rugs, wool-felt sweat collar-pads, wool-felt gig-housings, etc. 37,409, Dec. 3, 1901. Republished Sept. 14. Class 3.

Western Insulated Wire Co., Los Angeles, Calif. Electric wire, insulated and bare, and electric wire cord sets. 440,638, Sept. 14; Serial No. 522,884, published June 1, 1948. Class 21.

Western Metalware, Inc., Columbus, Ohio. Metallic garbage cans and wall-mounted boxes. 502,065, Sept. 14; Serial No. 526,314, published June 22, 1948. Class 2.

Western Waxed Paper Co.: *See*—
Crown Zellerbach Corporation.

Westfield Watch Company, Inc., New York, N. Y. Wrist watches. 265,362, Dec. 24, 1929. Republished Sept. 14. Class 27.

Weston Biscuit Company Inc.: *See*—
Weston, George, Limited.

Weston, George, Limited, by Weston Biscuit Company Inc., Passaic, N. J. Vanilla cream filled cookie sandwiches. 412,515, Mar. 13, 1945. Republished Sept. 14. Class 46.

Whiting & Company, Incorporated: *See*—
Whiting Paper Company.

Whiting Paper Company, to Whiting & Company Incorporated, Holyoke, Mass. Writing papers. 31,704, renewed June 21, 1948. O. G. Sept. 14. Class 37.

Wilfred Laboratories, Inc., New York, N. Y. Toilet preparations. 250,277, renewed Dec. 4, 1948. O. G. Sept. 14. Class 6.

Williams, D. T., Valve Company, The, Cincinnati, Ohio. Globe valves, angel valves, cross stop valves, etc. 232,850, Sept. 20, 1927. Republished Sept. 14. Class 13.

Wingor Textile Co., Inc., New York, N. Y. Rayon, romaine, and alpaca piece goods. 440,643, Sept. 14; Serial No. 523,553, published June 1, 1948. Class 42.

Winter Haven Citrus Growers Association, Winter Haven, Fla. Fresh citrus fruits. 296,619, Aug. 16, 1932. Republished Sept. 14. Class 46.

Wocky Products Company, assignor to Wocky Products Company, Inc., by Wocky Products Company, Inc., Kansas City, Kans. Nonalcoholic, noncereal, maltless beverages. 389,997, Sept. 2, 1941. Republished Sept. 14. Class 45.

Wocky Products Company, Inc., assignee: *See*—
Wocky Products Company.

Woodward, John G., & Co. Inc., doing business as Woodward's, Council Bluffs, Iowa, by Fenn Bros., Inc., Sioux Falls, S. Dak. Candy. 242,231, May 15, 1928. Republished Sept. 14. Class 46.

Woodward's Council Bluffs: *See*—
Woodward, John G., & Co., Inc.

Woolrich Woolen Mills, Woolrich, Pa. Caps and hats. 276,502, Oct. 21, 1930. Republished Sept. 14. Class 39.

Worcester Knitting Company, Worcester, Mass. Bathing suits. 250,352, renewed Dec. 4, 1948. O. G. Sept. 14. Class 39.

Worcester Salt Company: *See*—
Ohio Salt Company, The.

World Products Corp., New York, N. Y. Vitamin preparations. 502,087, Sept. 14; Serial No. 530,697, published June 8, 1948. Class 6.

Wormalds & Walker, Limited, Dewsbury, to Wormalds & Walker Limited, Yorkshire, England. Blankets and rugs. 244,170–1, renewed July 17, 1948. O. G. Sept. 14. Class 42.

Wright & McGill Co., Denver, Colo. Fish hooks and fish lures. 440,655, Sept. 14; Serial No. 524,641, published Apr. 27, 1948. Class 22.

Yale & Towne Manufacturing Company, The, Stamford, Conn., and elsewhere. Electric irons. 440,598, Sept. 14; Serial No. 517,026, published June 8, 1948. Class 21.

Zenith Radio Corporation, Chicago, Ill. Dry cell electric batteries. 440,658, Sept. 14; Serial No. 524,843, published June 15, 1948. Class 21.

Zenith Radio Corporation, Chicago, Ill. Radio receiving apparatus, electrical talking machines, combination radio receiving apparatus, etc. 440,659, Sept. 14; Serial No. 524,845, published June 15, 1948. Class 21.

Zieg, Fred C., doing business as The Essington Company, Fort Wayne, Ind. Metal clothes racks, hat racks, and combination clothes racks and hat racks. 440,608, Sept. 14; Serial No. 518,334, published June 8, 1948. Class 32.

Zietman Produce Co., Inc.: *See*—
Church, C. A.

Zion Industries, Inc., Zion, Ill. Prepared frozen dough. 440,676, Sept. 14; Serial No. 523,637. Class 46.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Ayrshire Patoka Collieries Corporation. 390,937, Oct. 14, 1941. Republished Sept. 14.
Coal, Semibituminous. Chesapeake & Ohio Coal & Coke Company. 71,706, re-renewed Dec. 15, 1948. O. G. Sept. 14.
Cut hairs, Rabbit, hare, castor, nutria. Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie. 219,090, renewed Oct. 12, 1946. O. G. Sept. 14.
Powder crystalizing compound. A. G. Reina. 440,582, Sept. 14; Serial No. 512,927, published June 8, 1948.
Resinous materials in solid form, Synthetic or chemically-modified. Resinous Products & Chemical Company. 432,868, Sept. 16, 1947. Republished Sept. 14.
Resinous materials in the form of granules, powders, and solutions, Synthetic. Resinous Products & Chemical Company. 432,869, Sept. 16, 1947. Republished Sept. 14.
Rubber-resin sheet material, Hard thermoplastic. United States Rubber Company. 502,051, Sept. 14; Serial No. 500,845, published June 8, 1948.
Seeds, Flower, garden, farm, and field. Rudy-Patrick Seed Company. 245,538, Aug. 14, 1928. Republished Sept. 14.
Skins of rats sized and glossed. Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie. 220,290, renewed Nov. 9, 1946. O. G. Sept. 14.
Tar. H. L. Greenbaum. 260,438, Aug. 27, 1929. Republished Sept. 14.

CLASS 2

Bags, Paper. R. O. Wells. 502,083, Sept. 14; Serial No. 529,942, published June 22, 1948.
Bags, Waxed paper. Newark Paraffine & Parchment Paper Co. 254,809, Apr. 2, 1929. Republished Sept. 14.
Boxes, Paper. Cambridge Paper Box Company. 244,184 renewed July 17, 1948. O. G. Sept. 14.
Boxes and cartons, Paperboard. Hinde & Dauch Paper Company. 432,384, Sept. 2, 1947. Republished Sept. 14.
Cans, and more particularly metal cans for transporting, dispensing or transporting and dispensing liquids, Metal. General Metalware Company. 502,077, Sept. 14; Serial No. 528,782, published June 22, 1948.
Cans, and wall-mounted boxes, Metallic garbage. Western Metalware, Inc. 502,065, Sept. 14; Serial No. 526,314, published June 22, 1948.
Containers, Metallic dispensing. Richmond Metal and Plastics Corporation. 440,568, Sept. 14; Serial No. 508,548, published June 22, 1948.
Containers, Sheet metal shipping. Vulcan Stamping and Mfg. Co., Inc. 415,236, July 31, 1945. Republished Sept. 14.
Cups, Children's plastic training drinking. Baby World Company, Inc. 502,222, Sept. 14; Serial No. 534,977.
Envelopes and cloth bags, Combination correspondence. Curtis 1000 Inc. 414,006, May 22, 1945. Republished Sept. 14.
Receptacle or case, Zipper-closed. Optical Development Corporation. 502,097, Sept. 14; Serial No. 531,939, published June 22, 1948.
Trays of wood, serving trays of wood and metal, and serving etc., Serving. 357,990, June 21, 1938. Republished Sept. 14.
Tube-like units for storing and dispensing filter disks, Empty. A. I. Negus, Jr. 440,601, Sept. 14; Serial No. 517,148, published June 15, 1948.

CLASS 3

Rugs, wool-felt sweat collar-pads, wool-felt gig-housings, etc., Wool-felt. Western Felt Works. 37,409, Dec. 3, 1901. Republished Sept. 14.

CLASS 4

Abrasives in comminuted form. Exolon Company. 135,666–7, Oct. 19, 1920. Republished Sept. 14.
Abrasives in comminuted form. Alden Speare's Sons Co. 98,728–9, Aug. 4, 1914. Republished Sept. 14.
Cleaner, Household. Chemicals, Inc. 392,176, Dec. 16, 1941. Republished Sept. 14.
Cleaner, Toilet and wash bowl. Recorg Supply Corporation. 381,317, Sept. 17, 1940. Republished Sept. 14.
Cleaner, Type. U. S. Typewriter Ribbon Mfg. Co. 502,223, Sept. 14; Serial No. 548,771.
Cleaner, Wallpaper. Janszen Company. 250,919, renewed Dec. 18, 1948. O. G. Sept. 14.
Cleanser in cream or paste form, Hand. A. M. Alexander. 351,041, Oct. 19, 1937. Republished Sept. 14.
Detergent material. Hygienic Products Company. 317,117, Sept. 11, 1934. Republished Sept. 14.
Grinding compound. J. A. Menard. 137,657, Nov. 30, 1920. Republished Sept. 14.
Harness-oil. J. C. Nourse. 117,700, July 24, 1917. Republished Sept. 14.
Polishing cloths, Chemically treated and impregnated. E. K. McCoy. 322,617, Mar. 12, 1935. Republished Sept. 14.
Preparation for cleaning exteriorly walls, woodwork, marble, etc. C. B. Dolge Company. 201,255, July 21, 1925. Republished Sept. 14.
Shaving cream. Mennen Company. 337,503, Aug. 11, 1936. Republished Sept. 14.
Soap. Mennen Company. 342,514, Jan. 19, 1937. Republished Sept. 14.
Soap. Palmolive-Peet Company. 250,434–5, renewed Dec. 11, 1948. O. G. Sept. 14.
Soap, Hand. Quality Soap Manufacturing Company. 302,576, Apr. 25, 1933. Republished Sept. 14.

CLASS 5

Adhesive mastic. Semon Bache & Company. 357,989, June 21, 1938. Republished Sept. 14.
Glue. H. L. Greenbaum. 259,285, July 30, 1929. Republished Sept. 14.
Gummed paper. Crown Zellerbach Corporation. 502,074, Sept. 14; Serial No. 527,717, published June 8, 1948.

CLASS 6

Acetophenetidin; acetylcholine bromide; acetylsalicylic acid; etc. Burroughs Wellcome & Co. (U. S. A.) Inc. 402,576, Aug. 3, 1943. Republished Sept. 14.
Algin compound. Kelco Company. 412,692, Mar. 20, 1945. Republished Sept. 14.
Algin product. Kelco Company. 430,364, June 10, 1947. Republished Sept. 14.
Alginate product. Kelco Company. 321,597, Feb. 5, 1935. Republished Sept. 14.
Alginate product. Kelco Company. 333,358, Mar. 17, 1936. Republished Sept. 14.
Alginate product. Kelco Company. 382,136, Oct. 15, 1940. Republished Sept. 14.
Alginate product, Sodium. Kelco Company. 313,309, May 22, 1934. Republished Sept. 14.
Antacid powder, antiseptic (solution) arnica salve, etc. Brunswig Drug Company. 316,283, Aug. 21, 1934. Republished Sept. 14.
Antispasmodic containing n-tributyl-ethyl nicotinamide. Schering Corporation. 502,175, Sept. 14; Serial No. 543,838, published June 8, 1948.
Bleaching fluid. Chlorine Solutions, Inc. 393,451, Feb. 17, 1942. Republished Sept. 14.
Bluing. Jewett & Sherman Co. 502,188, Sept. 14; Serial No. 545,992, published June 8, 1948.
Calcium carbide. National Carbide Corporation. 502,189, Sept. 14; Serial No. 546,117, published June 22, 1948.
Calcium guaiacol sulphonate. Swan-Myers Company. 249,453, renewed Nov. 13, 1948. O. G. Sept. 14.
Castor oil, Sulphonated. Paper Makers Chemical Corporation. 343,924, Mar. 9, 1937. Republished Sept. 14.
Cereal product, Specially prepared mixed. Mead Johnson & Company. 502,062, Sept. 14; Serial No. 516,931, published June 8, 1948.
Chemical antiseptic, insecticide, germicide, etc. D. Lauderback. 219,784, Oct. 26, 1926. Republished Sept. 14.
Chemical prepared especially for use on putting greens to banish the worm nuisance. C. B. Dolge Company, Inc. 289,537, Dec. 1, 1931. Republished Sept. 14.
Chemical compounds. Diversey Corporation. 502,071, Sept. 14; Serial No. 527,295, published June 15, 1948.
Chemical compounds, specifically metallic soaps and solution of metallic soaps. Harshaw Chemical Company. 502,181, Sept. 14; Serial No. 545,128, published June 8, 1948.
Chemical products. Arnold, Hoffman & Co., Incorporated. 356,746–9, May 10, 1938. Republished Sept. 14.
Chemical products. Arnold, Hoffman & Co. Incorporated. 379,460, July 9, 1940. Republished Sept. 14.
Chemical products. Arnold, Hoffman & Co. Incorporated. 384,840, Feb. 4, 1941. Republished Sept. 14.
Chemical products. Arnold, Hoffman & Co. Incorporated. 389,031, July 22, 1941. Republished Sept. 14.
Chemical products. Arnold, Hoffman & Co. Incorporated. 406,957–8, May 9, 1944. Republished Sept. 14.
Chemical textile finisher. Hercules Powder Company. 356,328, Apr. 26, 1938. Republished Sept. 14.
Chemical to be added to fire fighting liquid. Arnold, Hoffman & Co., Incorporated. 430,991, July 1, 1947. Republished Sept. 14.
Chemicals, Mixture of. Dixie Chemical Company, Inc. 502,127, Sept. 14; Serial No. 535,307, published June 15, 1948.
Cologne. M. Handman. 500,767, June 29, 1948. Corrected. O. G. Sept. 14.
Coloring products. Arnold, Hoffman & Co., Incorporated. 431,927, Aug. 12, 1947. Republished Sept. 14.
Cosmetic preparation. E. H. Swaim. 440,577, Sept. 14; Serial No. 512,137, published June 8, 1948.

Cosmetics and toilet preparations. Superior Products Company. 502,180, Sept. 14; Serial No. 544,928, published June 8, 1948.
Cream, hand lotion, powder base, Cleansing, etc. M. Gorman. 440,595, Sept. 14; Serial No. 516,128, published June 8, 1948.
Cream, Toilet. F. N. Lewis. 136,514, Nov. 2, 1920. Republished Sept. 14.
Deodorant and germicide. Boyle-Midway Inc. 502,157, Sept. 14; Serial No. 537,972, published June 8, 1948.
Depilatory. Consolidated Royal Chemical Corporation. 502,176, Sept. 14; Serial No. 543,889, published June 8, 1948.
Dermato-therapeutic medication. Doak Company. Incorporated. 502,126, Sept. 14; Serial No. 535,228, published June 8, 1948.
Dyestuffs, Textile. L. L. Keene. 502,192, Sept. 14; Serial No. 546,708, published June 15, 1948.
Ethyl protocatechuic aldehyde. H. H. Fries. 249,714, renewed Nov. 20, 1948. O. G. Sept. 14.
Extract, Hepatic. Harrower Laboratory, Inc. 502,101, Sept. 14; Serial No. 532,451, published June 8, 1948.
Fats, Sulphonated high titre. Hercules Powder Company. 362,445, Nov. 15, 1938. Republished Sept. 14.
Fire extinguishing compounds. Thermet Fire Extinguishers, Inc. 502,066, Sept. 14; Serial No. 526,556, published June 8, 1948.
Flameproofing compounds. Ellicott Laboratories, Inc. 502,163, Sept. 14; Serial No. 538,622, published June 15, 1948.
Fluid for filling cigar and cigarette lighters, Liquid. Bell Chemical Co. 502,183, Sept. 14; Serial No. 545,330, published June 8, 1948.
Fluid, Odorless disinfecting. Slick-Shine Company. 440,574, Sept. 14; Serial No. 511,113, published June 8, 1948.
Germicide and antiseptic. American Cystoscope Makers, Inc. 502,099, Sept. 14; Serial No. 532,091, published June 8, 1948.
Hair dressing. Mennen Company. 430,278–9, June 10, 1947. Republished Sept. 14.
Hair tonic. F. W. Fitch Company. 218,007, Sept. 14, 1926. Republished Sept. 14.
Head cold jelly. Maryland Pharmaceutical Company. 316,295, Aug. 21, 1934. Republished Sept. 14.
Herb remedies, Internal. National Herb Company. 69,592, re-renewed June 23, 1948. O. G. Sept. 14.
Insecticide. Industrial Management Corporation. 440,533, Sept. 14; Serial No. 489,968, published Jan. 14, 1947.
Insecticides. Furst-McNess Company. 502,064, Sept. 14; Serial No. 523,182, published June 15, 1948.
Insecticides. Nourse Oil Company. 300,173, Jan. 10, 1933. Republished Sept. 14.
Insecticides. H. Shapiro. 502,179, Sept. 14; Serial No. 544,469, published June 8, 1948.
Laxative. Upjohn Company. 249,366, renewed Nov. 13, 1948. O. G. Sept. 14.
Laxative and cathartic pills. Consolidated Royal Chemical Corporation. 502,184, Sept. 14; Serial No. 545,347, published June 8, 1948.
Liniment to be applied externally for headaches, colds, coughs, etc. Consolidated Royal Chemical Corporation. 502,185, Sept. 14; Serial No. 545,348, published June 8, 1948.
Lipsticks. Bourjois, Inc. 502,191, Sept. 14; Serial No. 546,350, published June 15, 1948.
Liquid which when sprayed deodorizes and freshens the air, Bottle. Miller Protecto Products Co. 502,050, Sept. 14; Serial No. 500,816, published June 15, 1948.
Lithium salt to be added to cosmetics. Foote Mineral Company. 502,190, Sept. 14; Serial No. 546,211, published June 15, 1948.
Lotion. F. T. Hopkins. 246,014–15, renewed Aug. 28, 1948. O. G. Sept. 14.
Lotion, sun tan oil, and cologne, After shave. Kathryn, Inc. 502,197, Sept. 14; Serial No. 500,961.
Lotion, talcum powder, cold cream, etc., Skin. Jaciel Perfumers, Inc. 244,235, renewed July 17, 1948. O. G. Sept. 14.
Manicure preparations. Houbigant, Inc. 250,915, renewed Dec. 18, 1948. O. G. Sept. 14.
Medical herb specialties. Kräuterpfarrer Johann Künzle Zizers A. G. 440,620, Sept. 14; Serial No. 520,282, published June 15, 1948.
Medicated preparation. Barclay & Barclay. 71,363, re-renewed Nov. 17, 1948. O. G. Sept. 14.
Medicinal preparation. King Manufacturing Company. 402,974, Aug. 24, 1943. Republished Sept. 14.
Medicinal preparation. Eli Lilly and Company. 502,088, Sept. 14; Serial No. 530,740, published June 15, 1948.
Medicinal preparation for the treatment of nutritional deficiencies. Upjohn Company. 502,186, Sept. 14; Serial No. 545,565, published June 8, 1948.
Medicinal preparations. S. Pfeiffer Mfg. Co. 502,076, Sept. 14; Serial No. 528,226, published June 8, 1948.
Medicinal preparations. Reed & Carnrick. 243,916, July 3, 1928. Republished Sept. 14.
Mineral oil product for processing wool fibres. Procter & Gamble Company. 502,193, Sept. 14; Serial No. 548,837, published June 22, 1948.
Nail polish, and bleach, powders, lotions, etc. H. C. Bates. 333,434, Mar. 24, 1936. Republished Sept. 14.
Oatmeal product, Specifically prepared. Mead Johnson & Company. 502,061, Sept. 14; Serial No. 516,930, published June 8, 1948.
Oil. Hercules Powder Company. 368,586, June 27, 1939. Republished Sept. 14.
Oil base textile finishing agent. Hercules Powder Company. 355,912, Apr. 5, 1938. Republished Sept. 14.
Oil, Treated vegetable. Hercules Powder Company. 362,446, Nov. 15, 1938. Republished Sept. 14.
Ointment for minor cuts, scratches, abrasions, etc. Consolidated Royal Chemical Corporation. 502,177, Sept. 14; Serial No. 543,892, published June 8, 1948.
Organic chemicals, Synthetic. Resinous Products & Chemical Company. 432,867, Sept. 16, 1947. Republished Sept. 14.
Oxalic acid, bismarck brown aniline, electric bulb coloring, etc. H. L. Greenbaum. 208,110, Jan. 19, 1926. Republished Sept. 14.
Oxides and salts, Metallic. Vanadium Corporation of America. 244,653, renewed July 24, 1948. O. G. Sept. 14.
Perfume, toilet water, lotion, etc. Houbigant, Inc. 221,886, Dec. 14, 1926. Republished Sept. 14.
Perfume, toilet water, lotion, etc. Houbigant, Inc. 226,004, Mar. 29, 1927. Republished Sept. 14.
Perfumes. Parfums Weil Paris Co. 406,163, Mar. 14, 1944. Republished Sept. 14.
Perfumes. M. Selz. 439,060, July 13, 1948. Corrected. O. G. Sept. 14.
Perfumes. Alfred H. Smith Co. 70,592–3, re-renewed Sept. 15, 1948. O. G. Sept. 14.
Perfumes, eau de cologne, toilet water. Lehn & Fink Products Corporation. 502,174, Sept. 14; Serial No. 543,613, published June 8, 1948.
Perfumes, toilet water, sachet and sachet powders. Parfumerie Houbigant. 158,052, Aug. 22, 1922. Republished Sept. 14.
Perfumes, toilet waters, rouge, etc. Salomon Freres Societe a Responsabilite Limitee. 502,150, Sept. 14; Serial No. 536,889, published June 8, 1948.
Perfumes, toilet waters, sachet and sachet powders. Parfumerie Houbigant. 146,128, Aug. 30, 1921. Republished Sept. 14.
Pharmaceutical preparations. S. Braunstein. 502,212, Sept. 14; Serial No. 522,014.
Plasters, Medicated. Societa Prodotti Chimco Farmaceutici A. Bertelli & Co. 69,497, re-renewed June 16, 1948. O. G. Sept. 14.
Powder and depilatory cream, Depilatory. Hall & Ruckel, Inc. 250,619, renewed Dec. 11, 1948. O. G. Sept. 14.
Powder, Antiseptic dressing. Beebe Laboratories, Inc. 440,531, Sept. 14; Serial No. 486,647, published June 25, 1946.
Powder, Talcum. Mennen Company. 337,361, Aug. 4, 1936. Republished Sept. 14.
Powder, Talcum. Mennen Company. 337,749, Aug. 18, 1938. Republished Sept. 14.
Preparation to be used for the extermination of roaches, silverfish, waterbugs, and crickets. Desoto Chemical Company. 387,988, June 10, 1941. Republished Sept. 14.
Preparation used in the treatment of deep infected wounds and in the treatment of vaginitis, etc. American Cystoscope Makers, Inc. 502,100, Sept. 14; Serial No. 532,092, published June 8, 1948.
Preparation used in the treatment of rheumatism, arthritis, neuritis, etc. Farastan Company. 248,164, renewed Oct. 16, 1948. O. G. Sept. 14.
Remedy for diseases of the kidneys. Reed and Carnrick. 87,808, Aug. 6, 1912. Republished Sept. 14.
Sal soda, and bicarbonate of soda (baking soda). Church & Dwight Co., Inc. 502,069, Sept. 14; Serial No. 526,746, published June 15, 1948.
Sal soda, washing soda, and bicarbonate of soda (baking soda). Church & Dwight Co., Inc. 502,070, Sept. 14; Serial No. 526,790, published June 8, 1948.
Salt, baking powder, and sal soda. Janszen Company. 248,988, renewed Nov. 6, 1948. O. G. Sept. 14.
Salve for external application. Mentholatum Company. 248,543, renewed Oct. 23, 1948. O. G. Sept. 14.
Sodium citrate solutions. Cutter Laboratories. 440,578, Sept. 14; Serial No. 512,390, published June 8, 1948.
Sodium citrate solutions. Cutter Laboratories. 440,579, Sept. 14; Serial No. 512,395, published June 8, 1948.
Solvents, Drain pipe. Merchants Service Corporation. 325,356, June 18, 1935. Republished Sept. 14.
Starch, Powdered laundry. Hubinger Company. 431,942, Aug. 12, 1947. Republished Sept. 14.
Starches and starch derivatives. National Starch Products Inc. 502,067, Sept. 14; Serial No. 526,588, published June 8, 1948.
Sulfate of ammonia, nitrate of soda, ammonium chloride, etc. Barrett Company. 249,691, renewed Nov. 20, 1948. O. G. Sept. 14.
Sulfate of ammonia, nitrate of soda, ammonium chloride, etc. Barrett Company. 249,805, renewed Nov. 20, 1948. O. G. Sept. 14.
Tallow, Highly concentrated sulphonated. Paper Makers Chemical Corporation. 343,923, Mar. 9, 1937. Republished Sept. 14.
Tanning extract, Dry. Barbour Company, Inc. 502,182, Sept. 14; Serial No. 545,209, published June 8, 1948.

Toilet preparations. Wilfred Laboratories, Inc. 250,277, renewed Dec. 4, 1948. O. G. Sept. 14.
Toilet waters. M. Baker. 411,986, Feb. 13, 1945. Republished Sept. 14.
Tonic in tablet form, General vitalizing. E. W. Parker. 249,545, renewed Nov. 20, 1948. O. G. Sept. 14.
Tonic medicines. Consolidated Royal Chemical Corporation. 502,178, Sept. 14; Serial No. 543,895, published June 8, 1948.
Venereal prophylactic preparations. George-Thomas Pharmacal Co. 502,187, Sept. 14; Serial No. 545,791, published June 8, 1948.
Vitamin concentrate in syrup and tablet form. National Institute of Nutrition. 366,190, Apr. 4, 1939. Republished Sept. 14.
Vitamin preparation. A. H. Robins Company. 502,058, Sept. 14; Serial No. 513,771, published June 15, 1948.
Vitamin preparations. World Products Corp. 502,087, Sept. 14; Serial No. 530,697, published June 8, 1948.
Waxes and fats, Emulsified combination of. Hercules Powder Company. 362,444, Nov. 15, 1938. Republished Sept. 14.
Waxes and fats, Emulsified vegetable. Hercules Powder Company. 363,180, Dec. 13, 1938. Republished Sept. 14.

CLASS 8

Cigarette cases. Aristocrat Leather Products, Inc. 502,104, Sept. 14; Serial No. 532,790, published June 15, 1948.
Fans, electric liquid and plastic food mixers, electric space heaters, etc., Electric. A. C. Gilbert Company. 244,834, renewed July 31, 1948. O. G. Sept. 14.
Heaters, electric ventilating fans, electric cigar lighters, etc., Electric space. A. C. Gilbert Company. 244,835, renewed July 31, 1948. O. G. Sept. 14.
Smokers' articles. Brooks Brothers. 502,094, Sept. 14; Serial No. 531,306, published June 22, 1948.

CLASS 10

Fertilizers. Virginia-Carolina Chemical Company. 67,408, Feb. 4, 1908. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Company. 67,682, Feb. 11, 1908. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Company. 68,321, Mar. 31, 1908. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Company. 69,051, May 19, 1908. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Company. 69,246, May 26, 1908. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Company. 69,764, July 7, 1908. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Corporation. 240,880–1, Apr. 10, 1928. Republished Sept. 14.
Fertilizers. Virginia-Carolina Chemical Corporation. 240,899, Apr. 10, 1928. Republished Sept. 14.
Manure, Pulverized animal. Bachrodt & Company. 245,182, renewed Aug. 7, 1948. O. G. Sept. 14.

CLASS 12

Asphalt rolls, roofing and shingles and roof coating. Boettcher & Kellogg Co. 330,064, Nov. 19, 1935. Republished Sept. 14.
Blocks of stone, sawed and polished, finished blocks of material sold as marble. Breen Stone & Marble Company. 243,656, renewed June 26, 1948. O. G. Sept. 14.
Boards or sheets made wholly or in part of cork. Armstrong Cork & Insulation Company. 250,503, renewed Dec. 11, 1948. O. G. Sept. 14.
Brick. United States Refractories Corporation. 266,875, Feb. 4, 1930. Republished Sept. 14.
Bricks. Streator Brick Company. 204,636, Oct. 20, 1925. Republished Sept. 14.
Bricks. Streator Brick Company. 212,068, Apr. 27, 1926. Republished Sept. 14.
Bricks and blocks and refractory cements, Refractory. McLeod & Henry Co. 246,869, renewed Sept. 18, 1948. O. G. Sept. 14.
Building tile, Glazed and unglazed clay. Clay Products Company, Inc. 243,756, June 26, 1928. Corrected. O. G. Sept. 14.
Cement, Liquid asbestos roofing. Brooks Oil Company. 440,677, Sept. 14; Serial No. 524,945.
Granite, Cut. Cold Spring Granite Company. 224,926, Mar. 8, 1927. Republished Sept. 14.
Houses and parts thereof, Prefabricated. Illinois Lumber Manufacturing Company. 383,785, Dec. 24, 1940. Republished Sept. 14.
Sash and window units, Prefabricated. Lessud Engineering Company. 502,141, Sept. 14; Serial No. 536,101, published June 8, 1948.
Tiles, Colored glass. Semon Bache & Company. 368,971, July 11, 1939. Republished Sept. 14.

CLASS 13

Casters, Slide. Foote, Pierson & Company, Inc. 232,585, Sept. 13, 1927. Republished Sept. 14.
Enameled ware. Standard Sanitary Manufacturing Company. 243,677, renewed June 26, 1948. O. G. Sept. 14.
Kitchen and cooking pots, pans, and kettles, etc., Metal. Polar Ware Company. 244,659, renewed July 24, 1948. O. G. Sept. 14.
Mixers and dispensers, Automatic germicide. National Technical Laboratories. 401,408, May 18, 1943. Republished Sept. 14.
Screening, Wire. American Wire Fabrics Corporation. 246,384, renewed Sept. 4, 1948. O. G. Sept. 14.
Trays of metal other than precious metal, Serving. American Art Works, Inc. 280,213, Feb. 10, 1931. Republished Sept. 14.
Valves, angle valves, cross stop valves, etc., Globe. D. T. Williams Valve Company. 232,850, Sept. 20, 1927. Republished Sept. 14.

CLASS 14

Alloys. Vanadium Corporation of America. 244,654, renewed July 24, 1948. O. G. Sept. 14.
Castings, Iron alloy. Little Brothers Foundry Company. 374,457, Jan. 9, 1940. Republished Sept. 14.
Sheets, bars, blocks, etc., Pure and alloyed aluminum. Sheet Aluminum Corporation. 231,845, Aug. 30, 1927. Republished Sept. 14.

CLASS 15

Chemical releasing agent. R. T. Vanderbilt Company, Inc. 440,636, Sept. 14; Serial No. 522,507, published May 11, 1948.
Gasoline. Sherwood Brothers Incorporated. 245,841, renewed Aug. 21, 1948. O. G. Sept. 14.
Gasoline. Standard Oil Company of California. 440,567, Sept. 14; Serial No. 508,450, published May 25, 1948.
Oil, Lubricating. Fiske Brothers Refining Co. 502,080, Sept. 14; Serial No. 529,372, published June 22, 1948.
Oil, Penetrating. Park Chemical Company. 440,542, Sept. 14; Serial No. 496,652, published May 18, 1948.
Oil, Rust preventing coating. American Chemical Paint Company. 440,629, Sept. 14; Serial No. 521,304, published May 18, 1948.
Oils and greases and kerosene and gasoline, Lubricating. R. J. Brown Company. 294,290, May 24, 1932. Republished Sept. 14.
Oils and greases and kerosene and gasoline, Lubricating. R. J. Brown Company. 296,342, Aug. 2, 1932. Republished Sept. 14.
Oils and greases, Lubricating. Pate Oil Company. 331,162, Dec. 31, 1935. Republished Sept. 14.
Oils, greases, and waxes of all kinds, etc. Vacuum Oil Company. 249,589, renewed Nov. 20, 1948. O. G. Sept. 14.
Oils, Lubricating. Nourse Oil Company. 138,843, Jan. 11, 1921. Republished Sept. 14.

CLASS 16

Coating composition, Liquid resinous. Merchants Chemical Company. 440,593, Sept. 14; Serial No. 515,384, published May 25, 1948.
Coating material in the nature of a paint, Liquid. Missouri Paint & Varnish Co. 502,219, Sept. 14; Serial No. 532,620.
Coatings, Protective. Dolphin Paint & Varnish Co. 440,588, Sept. 14; Serial No. 513,928, published May 25, 1948.
Finish, Liquid. Hillyard Chemical Company. 440,545, Sept. 14; Serial No. 498,770, published May 25, 1948.
Lacquer, Brushing. R. I. Quigley, Jr. 440,555, Sept. 14; Serial No. 505,235, published May 25, 1948.
Lacquers and wood finishes. Interchemical Corporation. 440,576, Sept. 14; Serial No. 511,877, published May 25, 1948.
Oils, High boiling aromatic. Standard Oil Company. 440,544, Sept. 14; Serial No. 498,177, published May 25, 1948.
Paint enamels, Prepared or ready-mixed bronze and. J. F. Kurfees Paint Company. 502,131, Sept. 14; Serial No. 535,556, published May 25, 1948.
Paint, Oil base plastic. Phelan-Faust Paint Mfg. Co. 502,106, Sept. 14; Serial No. 533,364, published May 25, 1948.
Paints, Prepared or ready-mixed liquid. J. F. Kurfees Paint Company. 502,132, Sept. 14; Serial No. 535,557, published May 25, 1948.
Paints, Prepared or ready-mixed liquid. J. F. Kurfees Paint Company. 502,133–4, Sept. 14; Serial Nos. 535,569–70, published May 25, 1948.
Pigments. Interchemical Corporation. 440,596, Sept. 14; Serial No. 516,901, published May 25, 1948.
Plastic material similar to putty. H. L. Greenbaum. 247,505, Sept. 25, 1928. Republished Sept. 14.
Polishes, Piano, auto, furniture, woodwork, and floor. L. G. Smuckler. 440,535, Sept. 14; Serial No. 492,666, published May 25, 1948.
Preparation in the nature of a floor oil or dressing for cleaning, preserving and beautifying wood, etc. Masury-Young Company. 440,627, Sept. 14; Serial No. 520,957, published Nov. 4, 1947.
Wax material, Oxidized. Sun Chemical Corporation. 440,591, Sept. 14; Serial No. 515,134, published May 25, 1948.
Wax, Surface polishing. F. B. Nobrega. 423,947, Sept. 17, 1946. Republished Sept. 14.
Waxes and polishes, Floor. Hecht Co. 440,656, Sept. 14; Serial No. 524,652, published May 25, 1948.
Zinc oxide ground in linseed or similar drying oils. M. J. Merkin Paint Co., Inc. 502,156, Sept. 14; Serial No. 537,808, published June 1, 1948.

CLASS 17

Cigarettes. P. Lorillard Company. 502,153, Sept. 14; Serial No. 536,928, published June 22, 1948.
Cigars. F. D. Grave. 502,063, Sept. 14; Serial No. 517,481, published June 22, 1948.
Cigars. P. Lorillard Company. 502,152, Sept. 14; Serial No. 536,923, published June 22, 1948.
Cigars. Salvador Rodriguez, Inc. 440,615, Sept. 14; Serial No. 519,776, published June 22, 1948.
Cigars. Salvador Rodriguez, Inc. 440,618, Sept. 14; Serial No. 520,058, published June 22, 1948.
Cigars. Tampa-Havana Company. 502,057, Sept. 14; Serial No. 513,277, published June 22, 1948.
Cigars, cigarettes, and tobaccos. Saks & Company. 502,204–5, Sept. 14; Serial Nos. 512,703–4.
Tobacco and cigarettes, Smoking. Moss & Lowenhaupt Cigar Co. 502,148, Sept. 14; Serial No. 536,742, published June 22, 1948.
Tobacco, Chewing. P. Lorillard Company. 502,151, Sept. 14; Serial No. 536,913, published June 15, 1948.
Tobacco, Smoking. Penn Tobacco Company. 502,166, Sept. 14; Serial No. 539,745, published June 8, 1948.
Tobacco, Smoking. H. Sutliff. 249,891, renewed Nov. 20, 1948. O. G. Sept. 14.
Tobacco, Smoking and chewing. Penn Tobacco Company. 502,167–8, Sept. 14; Serial Nos. 539,749–50, published June 15, 1948.
Tobacco, Smoking and chewing. Penn Tobacco Company. 502,169, Sept. 14; Serial No. 539,753, published June 15, 1948.

CLASS 19

Automobiles and accessories, etc. R. R. Birch. 396,581, July 28, 1942. Republished Sept. 14.
Automobiles, automobile wheels, radiators, chassis, etc. A. Saurer. 86,242, Apr. 23, 1912. Republished Sept. 14.
Automotive vehicle braking units. Bendix-Westinghouse Automotive Air Brake Company. 396,467, July 21, 1942. Republished Sept. 14.
Goods-vans, lorries, and passenger road coaches. Commer Cars Limited. 502,211, Sept. 14; Serial No. 516,820.
Wheels for motor-driven vehicles, Steering. Inland Manufacturing Company. 243,941, renewed July 3, 1948. O. G. Sept. 14.

CLASS 21

Amplifiers, Electronic intercommunication. Engineering Enterprises of California. 440,633, Sept. 14; Serial No. 521,867, published June 1, 1948.
Automobile repair and replacement parts. F. & B. Mfg. Co. 440,557, Sept. 14; Serial No. 506,298, published June 1, 1948.
Batteries. National Lead Battery Co. 242,106, May 15, 1928. Republished Sept. 14.
Batteries and parts thereof, Storage. Gould Storage Battery Co., Inc. 243,883, July 3, 1928. Republished Sept. 14.
Batteries, Dry. Burgess Battery Company. 502,165, Sept. 14; Serial No. 539,590, published June 22, 1948.
Batteries, Dry cell electric. Zenith Radio Corporation. 440,658, Sept. 14; Serial No. 524,843, published June 15, 1948.
Batteries, Electric. Bright Star Battery Co. 246,665, renewed Sept. 11, 1948. O. G. Sept. 14.
Batteries, Electric. Bright Star Battery Co. 247,941, renewed Oct. 9, 1948. O. G. Sept. 14.
Batteries, Storage. Nickel Cadmium Battery Corporation. 440,610, Sept. 14; Serial No. 518,004, published June 1, 1948.
Batteries, Storage. Vitalic Battery Company, Inc. 502,056, Sept. 14; Serial No. 513,078, published June 1, 1948.
Brushes, Carbon. Speer Carbon Company. 379,691–2, July 23, 1940. Republished Sept. 14.
Cables, rubber-covered electric conductors, etc., Metal-sheathed electric. Standard Underground Cable Company. 69,871, re-renewed July 14, 1948. O. G. Sept. 14.
Condensers, Electrolytic. Aerovox Corporation. 502,170, Sept. 14; Serial No. 540,233, published June 8, 1948.
Condensers for the radio field, Ceramic. Erie Resistor Corporation. 440,661, Sept. 14; Serial No. 525,574, published June 8, 1948.
Connectors, electric conductors, and electric rail bonds, Electric. Ohio Brass Company. 502,053, Sept. 14; Serial No. 511,412, published June 1, 1948.
Ducts for low potential electrical conductors, Rigid metallic. National Electric Products Corporation. 440,630, Sept. 14; Serial No. 521,529, published June 1, 1948.
Electric-conduit pipe. Central Tube Company. 106,297, Oct. 19, 1915. Republished Sept. 14.
Electric wire, insulated and bare, and electric wire cord sets. Western Insulated Wire Co. 440,638, Sept. 14; Serial No. 522,884, published June 1, 1948.
Electric wire, Plastic coated. Plastoid Corporation. 440,634, Sept. 14; Serial No. 522,104, published June 15, 1948.
Electric wires, cables, and cords. Lenz Electric Manufacturing Co. 502,073, Sept. 14; Serial No. 527,604, published June 1, 1948.
Electrical apparatus. Gregory Electric Company. 502,059, Sept. 14; Serial No. 515,873, published June 15, 1948.
Fixtures, Electric lighting. Earl Lighting Products Corp. 502,144, Sept. 14; Serial No. 536,245, published June 22, 1948.
Frame for holding batteries down. F. E. Brown. 440,530, Sept. 14; Serial No. 486,286, published June 1, 1948.
Heaters, electric ventilating fans, electric cigar lighters, etc., Electric space. A. C. Gilbert Company. 244,835, renewed July 31, 1948. O. G. Sept. 14.
Horns, Electric. E. A. Laboratories, Inc. 502,172, Sept. 14; Serial No. 541,114, published June 15, 1948.
Horns, signals, etc., Electrically operated sounding. Delco-Remy Corporation. 241,441, renewed May 1, 1948. O. G. Sept. 14.
Insulators, Electric. Illinois Electric Porcelain Company. 502,121, Sept. 14; Serial No. 534,442, published June 15, 1948.
Irons, Electric. Yale & Towne Manufacturing Company. 440,598, Sept. 14; Serial No. 517,026, published June 8, 1948.
Irons, Electric steaming. Omar Appliance Manufacturing Company. 502,072, Sept. 14; Serial No. 527,359, published June 22, 1948.
Paper tubing, Spirally laminated. Cleveland Container Company. 502,060, Sept. 14; Serial No. 516,348, published June 8, 1948.
Radio receiving apparatus, electrical talking machines, combination radio receiving apparatus, etc. Zenith Radio Corporation. 440,659, Sept. 14; Serial No. 524,845, published June 15, 1948.
Radio receiving sets. Strawbridge & Clothier. 502,135, Sept. 14; Serial No. 535,648, published June 22, 1948.
Radio receiving sets and radio phonograph combination sets, including cabinets therefor. Magnavox Company. 502,098, Sept. 14; Serial No. 532,039, published June 22, 1948.
Radio receiving sets, and radio phonograph combination sets, including cabinets therefor. Magnavox Company. 502,117, Sept. 14; Serial No. 533,968, published June 22, 1948.
Radio receiving sets and radio phonograph combination sets, including cabinets therefor. Magnavox Company. 502,171, Sept. 14; Serial No. 540,546, published June 15, 1948.
Reels on which are wound cables for carrying electric current to any desirable translating devices. Appleton Electric Company. 502,068, Sept. 14; Serial No. 526,659, published June 1, 1948.
Screw machine products. U. S. Automatic Corporation. 440,529, Sept. 14; Serial No. 486,014, published June 8, 1948.
Signs, Illuminated electric. Trenbath Corporation. 502,114, Sept. 14; Serial No. 533,646, published June 1, 1948.
Sound amplifying and transmitting apparatus, Unitary inter-communicating. Webster Electric Company. 502,201, Sept. 14; Serial No. 509,058.
Sound communication apparatus. California Telephone & Electric Company. 440,619, Sept. 14; Serial No. 520,261, published Jan. 13, 1948.
Sound recordings of the magnetized wire type. L. J. Arms. 440,673, Sept. 14; Serial No. 519,162.
Starting, lighting, and ignition apparatus and parts thereof, Electrical. Delco-Remy Corporation. 241,637, renewed May 1, 1948. O. G. Sept. 14.
Supports and brackets for holding fluorescent lights. E. Schneiderman. 440,631, Sept. 14; Serial No. 521,830, published June 8, 1948.
Switches, manually operated foot switches, rotary switches, etc., Cam lever. General Control Company. 414,105, May 29, 1945. Republished Sept. 14.
Tubes, Cathode ray. Waterman Products Company, Incorporated. 502,124, Sept. 14; Serial No. 534,844, published June 22, 1948.

CLASS 22

Athletic supplies. R. C. Hoffman. 440,564–5, Sept. 14; Serial Nos. 507,824–5, published May 25, 1948.
Bags, Sleeping. Simon Mattress Manufacturing Co. 428,116, Mar. 11, 1947. Republished Sept. 14.
Fish-baits or lures combined with fish-hooks, Artificial. A. A. Gardner. 440,590, Sept. 14; Serial No. 514,702, published May 11, 1948.
Fish hooks and fish lures. Wright & McGill Co. 440,655, Sept. 14; Serial No. 524,641, published Apr. 27, 1948.
Fish lures. Plastic Affiliates, Inc. 440,670, Sept. 14; Serial No. 503,220.
Game boards and parts thereof, game pieces and figure toys. Ateliers Armand Adriaenssens, Societe de personnes à Responsabilité limitée. 440,540, Sept. 14; Serial No. 496,364, published May 25, 1948.
Game employing the use of magnets, Target. Lee Sales Company. 440,566, Sept. 14; Serial No. 508,297, published May 25, 1948.
Games, Board and counter. Essanar Company, Inc. 123,032–3, Oct. 8, 1948. Republished Sept. 14.
Games, Card. E. F. Klauber. 432,127, Aug. 19, 1947. Republished Sept. 14.
Games of a picture-puzzle type. Selchow & Righter Company. 201,300, July 21, 1925. Republished Sept. 14.
Golf accessory. W. Reineking. 440,562, Sept. 14; Serial No. 507,491, published Apr. 13, 1948.

Holder and protector, Fish hook. Gliebe Co. 502,221, Sept. 14; Serial No. 534,768.
Implements, apparatus, and articles used in tennis, golf, etc. Wm. Filene's Sons Company. 266,816, Feb. 4, 1930. Republished Sept. 14.
Skates, Ice and roller. Schmid Brothers. 440,547, Sept. 14; Serial No. 499,155, published June 1, 1948.
Tops, Toy musical. Victory Musical Top Manufacturing Company. 440,548, Sept. 14; Serial No. 499,178, published June 1, 1948.
Toy aeroplanes. Abbo-Craft Company. 502,214, Sept. 14; Serial No. 526,983.
Toy carpet sweepers, toy house cleaning sets and their contents. P. A. Jones. 502,118, Sept. 14; Serial No. 534,022, published May 18, 1948.
Toy musical instruments. Tot-Tested Toys Ltd. 440,546, Sept. 14; Serial No. 498,870, published May 11, 1948.
Toys in the form of miniature house cleaning devices. Norstar Corporation. 440,569, Sept. 14; Serial No. 508,854, published May 11, 1948.
Toys, Inflatable rubber. Hungarian Rubber Goods Factory Limited. 440,614, Sept. 14; Serial No. 519,581, published May 11, 1948.
Toys—namely, model airplanes, model boats, model racing cars, etc. Modelaire, Inc. 440,672, Sept. 14; Serial No. 509,717.
Vehicle in the form of a tricycle, Pedal-type. J. E. Donalson. 440,538, Sept. 14; Serial No. 495,134, published May 11, 1948.

CLASS 23

Apparatus for the treatment of liquids, etc. Dorr Company, Inc. 348,199, July 20, 1937. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 331,471, Jan. 7, 1936. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 332,009, Jan. 28, 1936. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 356,484–5, Apr. 26, 1938. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 356,487, Apr. 26, 1938. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 363,502, Dec. 27, 1938. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 390,978, Oct. 14, 1941. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 395,578, June 2, 1942. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 396,819, Aug. 4, 1942. Republished Sept. 14.
Apparatus for the treatment of solids. Dorr Company, Inc. 400,878, Apr. 6, 1943. Republished Sept. 14.
Apparatus for the treatment of solids suspended in liquids. Dorr Company, Inc. 295,572, July 5, 1932. Republished Sept. 14.
Apparatus for the treatment of solids suspended in liquids. Dorr Company, Inc. 303,107, May 9, 1933. Republished Sept. 14.
Bench legs, Steel. Bond Foundry and Machine Company. 427,423, Feb. 11, 1947. Republished Sept. 14.
Boring machines for boring joist. J. G. Henderson. 80,706, May 28, 1912. Republished Sept. 14.
Conveyors. Syntron Company. 375,846, Mar. 5, 1940. Republished Sept. 14.
Cutters and paper-stock shredders, Paper-stock. Taylor, Stiles & Co. 64,006, re-renewed July 16, 1947. O. G. Sept. 14.
Devices, Electrically driven. Chicago Wheel & Manufacturing Company. 332,938, Mar. 3, 1936. Republished Sept. 14.
Embroidering machines, lace machines, weaving machines, etc. A. Sauber. 87,632, July 30, 1912. Republished Sept. 14.
Fire-extinguishing apparatus, Portable hand. International Fire Equipment Corporation. 250,444, renewed Dec. 11, 1945. O. G. Sept. 14.
Gear units, Speed-reducing. Charles Bond Company. 315,283, July 24, 1934. Republished Sept. 14.
Internal-combustion engines. P. J. Shouvlin. 144,278, June 28, 1921. Republished Sept. 14.
Machinery and parts thereof. Jabez Burns & Sons. 134,160, Aug. 17, 1920. Republished Sept. 14.
Machines. Jabez Burns & Sons, Inc. 311,773, Apr. 3, 1934. Republished Sept. 14.
Machines for grinding, cracking, etc. Jabez Burns & Sons, Inc. 323,171, Apr. 2, 1935. Republished Sept. 14.
Machines for roasting coffee, cocoa, peanuts, etc. Jabez Burns & Sons, Inc. 320,017, Dec. 18, 1934. Republished Sept. 14
Machines for setting glaziers' points. Hubbard & McClary. 245,035, renewed Aug. 7, 1948. O. G. Sept. 14.
Mechanism, Spring operated. McCaffrey Ruddock Tagline Corporation. 400,841, Apr. 6, 1943. Republished Sept. 14.
Milling machines, all-geared universals milling machines, all-geared vertical milling machines, All-geared plain. Kempsmith Manufacturing Co. 219,918, Oct. 26, 1926. Republished Sept. 14.
Milling machines, universal milling machines, vertical [illegible] machines, etc., Plain. Kempsmith Manufacturing Co. 217,526, Aug. 31, 1926. Republished Sept. 14.
Printing machines. Addressograph Company. 70,013, July 21, 1908. Republished Sept. 14.
Pumps, mining machinery, Fluid. United Iron Works. 357,892, June 21, 1938. Republished Sept. 14.
Razor blades. Mennen Company. 311,946, Apr. 10, 1934. Republished Sept. 14.
Roasters and parts and supplies for same. Jabez Burns & Sons. 138,781, Jan. 11, 1921. Republished Sept. 14.
Roasters, and parts and supplies for same. Jabez Burns & Sons. 174,160, Oct. 9, 1923. Republished Sept. 14.
Spray attachments. P. A. Geier Company. 244,174, renewed July 17, 1948. O. G. Sept. 14.
Tools, Gilding. W. H. Coe Manufacturing Company. 70,321, re-renewed Aug. 18, 1948. O. G. Sept. 14.

CLASS 25

Hardware, Automobile body. Ternstedt Manufacturing Company. 244,391, renewed July 17, 1948. O. G. Sept. 14.

CLASS 26

Apparatus for measuring distances. Submarine Signal Corporation. 205,312, Nov. 3, 1925. Republished Sept. 14.
Pens, pencils, pen-racks, etc. Spencerian Pen Co. 32,197, re-renewed Dec. 6, 1948. O. G. Sept. 14.
Sextants, telescopes, binocular glasses, etc. W. F. Stanley and Company Limited. 327,675, Sept. 3, 1935. Republished Sept. 14.
Temperature indicating device. Jabez Burns & Sons, Inc. 286,781, Sept. 1, 1931. Republished Sept. 14.

CLASS 27

Watchcases. Bulova Watch Company, Inc. 210,205, Mar. 9, 1926. Republished Sept. 14.
Watch cases, watch movements and parts. Acon Watch Crown Corp. 440,664, Sept. 14; Serial No. 526,183, published June 8, 1948.
Watches. Bulova Watch Company, Inc. 223,259, Jan. 25, 1927. Republished Sept. 14.
Watches. Bulova Watch Company, Inc. 396,208, June 30, 1948. Republished Sept. 14.
Watches. Bulova Watch Company, Inc. 440,644, Sept. 14; Serial No. 523,740, published June 8, 1948.
Watches. Bulova Watch Company, Inc. 440,645–6, Sept. 14; Serial Nos. 523,744–5, published June 8, 1948.
Watches. Bulova Watch Company, Inc. 440,647, Sept. 14; Serial No. 523,747, published June 8, 1948.
Watches. Bulova Watch Company, Inc. 440,648, Sept. 14; Serial No. 523,755, published June 8, 1948.
Watches. Bulova Watch Company, Inc. 440,650, Sept. 14; Serial No. 523,762, published June 8, 1948.
Watches and watch parts. Bulova Watch Company, Inc. 440,651, Sept. 14; Serial No. 523,764, published June 8, 1948.
Watches, watch cases, and watch movements. Gruen Watch Company. 440,642, Sept. 14; Serial No. 523,523, published June 1, 1948.
Watches, watch movements and parts thereof, and watchcases. Bulova Watch Company, Inc., New York, N. Y. 440,649, Sept. 14; Serial No. 523,758, published June 8, 1948.
Watches, Wrist. Westfield Watch Company, Inc. 265,362, Dec. 24, 1929. Republished Sept. 14.

CLASS 28

Bracelets and watch bracelets, Men's and ladies'. Jacoby-Bender, Inc., New York, N. Y. 440,607, Sept. 14; Serial No. 518,004, published June 8, 1948.
Bracelets, brooches, cuff-links, etc. P. Bios. 440,609, Sept. 14; Serial No. 518,716, published June 8, 1948.
Cuff buttons, shirt studs, vest buttons, etc. Krementz & Co. 99,055, Aug. 11, 1914. Republished Sept. 14.
Diamonds, diamond rings, stone rings, etc. A. A. Friedman. 425,945, Dec. 10, 1946. Republished Sept. 14.
Flat-ware and hollow-ware, Silver-plated. International Silver Company. 502,078, Sept. 14; Serial No. 528,867, published June 8, 1948.
Insignia, Organization. American Veterans of World War II. 440,552, Sept. 14; Serial No. 503,784, published June 8, 1948.
Jewelry for personal wear (not including watches). W. Aronheim. 440,602, Sept. 14; Serial No. 517,883, published Jan. 13, 1948.
Jewelry for personal wear (not including watches). Marvel Jewelry Mfg. Company. 502,105, Sept. 14; Serial No. 533,186, published June 8, 1948.
Rings and mountings therefor, Finger. Benjamin & Edward J. Gross Co., Inc. 244,694, renewed July 24, 1948. O. G. Sept. 14.
Rings, Finger. Blancard & Co., Inc. 214,412, June 22, 1926. Republished Sept. 14.

CLASS 29

Brushes. Brushmakers, Inc. 440,558, Sept. 14; Serial No. 506,579, published Apr. 27, 1948.

CLASS 31

Lockers, Commercial refrigerated. W. M. Baird. 502,216, Sept. 14; Serial No. 528,247.

Refrigerating apparatus—namely, condensers, evaporators or chillers, etc. Bell & Gossett Company. 502,048–9, Sept. 14; Serial Nos. 493,908–9, published June 8, 1948.
Storage cabinets etc., Mechanically operated commercial refrigerated. Fraser & Johnston Co. 502,199, Sept. 14; Serial No. 506,440.
Zeolites. Granular sandlike. Permutit Company. 440,660, Sept. 14; Serial No. 525,103, published Sept. 30, 1947.

CLASS 32

Cabinets and undersink cabinets, Kitchen. Mullins Manufacturing Corporation. 440,536–7, Sept. 14; Serial Nos. 493,975–6, published June 15, 1948.
Cabinets, cabinet sections, and stands, List filing. Speedaumat Addressing Machinery, Incorporated. 248,030, Oct. 16, 1928. Republished Sept. 14.
Cabinets, Merchandising. Lamson & Sessions Company. 380,120, Aug. 6, 1940. Republished Sept. 14.
Cabinets, Radio receiving set. J. C. Tindale. 440,556, Sept. 14; Serial No. 505,630, published May 25, 1948.
Cabinets; typewriter desks and cabinets; display cases and cabinets; etc., Water cooler. Republic Steel Corporation. 440,539, Sept. 14; Serial No. 495,406, published June 22, 1948.
Chairs and convertible chair beds, Reclining. Bell Manufacturing Company. 377,752, May 14, 1940. Republished Sept. 14.
Chairs, telephone stands, convertible cabinets, etc., Convertible. E. G. Hirst. 440,675, Sept. 14; Serial No. 519,394.
Container for phonograph records, Hassock. Peerless Album Company, Inc. 440,594, Sept. 14; Serial No. 515,779, published June 1, 1948.
Cushion springs and furniture upholstery springs, Furniture. National Spring & Wire Co. 240,291, renewed Mar. 20, 1948. O. G. Sept. 14.
Dinette suites. Meier & Pohlmann Furniture Co. 440,559, Sept. 14; Serial No. 506,830, published Dec. 17, 1946.
File boxes, Wooden. E. W. Rowand. 440,572, Sept. 14; Serial No. 509,877, published June 15, 1948.
Furniture and furnishings. Jackson Furniture Company. 440,662, Sept. 14; Serial No. 525,856, published May 25, 1948.
Furniture, and more particularly for domestic and office chairs. Ellsworth Industries, Inc. 440,550, Sept. 14; Serial No. 502,811, published May 6, 1947.
Furniture, Household. Hecht's Furniture House, Inc. 440,570, Sept. 14; Serial No. 509,422, published Oct. 7, 1947.
Guards for attachment to the side of a bed, etc., Portable. Fence-Me-In, Incorporated. 440,657, Sept. 14; Serial No. 524,788, published June 1, 1948.
Mattresses and box springs. Altoona Mattress Mfg. Company, Inc. 400,987, Apr. 13, 1943. Republished Sept. 14.
Mattresses and box springs. Sealy, Incorporated. 440,571, Sept. 14; Serial No. 509,607, published Mar. 11, 1947.
Mattresses, box springs, felt mattresses, etc., Innerspring. Charleston Mattress Mfg. Co. 440,624, Serial No. 520,613, published June 15, 1948.
Mattresses, pillows, box springs, etc. Simon Mattress Manufscturing Co., San Francisco, Calif. 427,074, Jan. 28, 1947. Republished Sept. 14.
Mirrors. Bache, Semon, & Company. 317,224, Sept. 18, 1934. Republished Sept. 14.
Mirrors. Bache, Semon, & Company. 325,853, July 9, 1935. Republished Sept. 14.
Racks, hat racks, and combination clothes racks and hat racks, Metal clothes. F. C. Zieg. 440,608, Sept. 14; Serial No. 518,334, published June 8, 1948.
Receptacle holders, Ornamental lawn. C. W. Duke, Jr. 440,653, Sept. 14; Serial No. 524,381, published June 15.

CLASS 33

Glass, Sheet. Bache, Semon, & Company. 357,005, May 24, 1938. Republished Sept 14.
Glass, Window. Bache, Semon, & Company. 326,193, July 16, 1935. Republished Sept. 14.
Glassware for chemical, laboratory, and scientific purposes. P. W. Wagenseller. 243,665, renewed June 26, 1948. O. G. Sept. 14.

CLASS 34

Air-conditioning apparatus. Armo Cooling & Ventilating Co., Inc. 440,600, Sept. 14; Serial No. 517,103, published Dec. 30, 1947.
Air conditioning equipment. Drayer-Hanson Incorporated. 502,052, Sept. 14; Serial No. 508,985, published June 8, 1948.
Cigarette lighters. Barry Products, Inc. 440,575, Sept. 14; Serial No. 511,533, published May 4, 1948.
Cigarette lighters, Pyrophoric. Esquire Products Company. 440,543, Sept. 14; Serial No. 496,955, published June 8, 1948.
Fire pots, Liquid-fuel burning. Clayton & Lambert Mfg. Co. 243,437, renewed June 19, 1948. O. G. Sept. 14.
Furnaces. A. F. Holden Company. 502,125, Sept. 14; Serial No. 535,153, published May 18, 1948.
Furnaces or reactors. Dorr Company. 428,712, Apr. 1, 1947. Republished Sept. 14.
Furnaces, parts and supplies therefor. Nichols Engineering & Research Corporation. 502,155, Sept. 14; Serial No. 537,346, published May 25, 1948.
Furnaces, Warm air heating. Ko-Z-Aire Manufacturing Company. 502,138, Sept. 14; Serial No. 535,969, published May 25, 1948.
Heaters, Forced draft space. National Heater Co. 440,528, Sept. 14; Serial No. 479,396, published May 25, 1948.
Heating units, Boiler-burner. Heil Co. 502,154, Sept. 14; Serial No. 537,313, published May 25, 1948.
Hot water heaters. Pennsylvania Range Boiler Company. 502,145, Sept. 14; Serial No. 536,279, published May 25, 1948.
Lamps. Match King, Inc. 306,963, Oct. 10, 1933. Republished Sept. 14.
Mechanism for use with oil burners. Preferred Utilities Manufacturing Corp. 440,554, Sept. 14; Serial No. 504,289, published June 1, 1948.
Oil burners and parts thereof. Automatic Burner Corporation. 502,159, Sept. 14; Serial No. 538,085, published June 8, 1948.
Oil burners for both industrial and domestic use. Silent-Flame Manufacturing Co., Inc. 440,626, Sept. 14; Serial No. 520,906, published June 8, 1948.
Ranges and parts therefor, Gas. Maytag Company. 502,139, Sept. 14; Serial No. 535,978, published May 25, 1948.
Stokers and parts thereof, oil burners, space heaters, etc., Automatic. U. S. Machine Corporation. 502,086, Sept. 14; Serial No. 530,598, published May 4, 1948.
Ventilators. Hough Shade Corporation. 502,137, Sept. 14; Serial No. 535,964, published May 25, 1948.
Water heaters. Rudy Furnace Company. 502,113, Sept. 14; Serial No. 533,620, published May 11, 1948.

CLASS 35

Automotive equipment and accessories. Laher Spring and Tire Corporation. 502,047, Sept. 14; Serial No. 493,782, published June 8, 1948.
Automotive products comprising portable patching kits. Bowes "Seal-Fast" Corporation. 340,425, Nov. 10, 1936. Republished Sept. 14.
Belt, Solid woven cotton. Victor Balata & Textile Belting Co. 502,120, Sept. 14; Serial No. 534,233, published June 8, 1948.
Belting, Conveyor. Thermoid Company. 502,095, Sept. 14; Serial No. 531,541, published June 8, 1948.
Belting, Cotton. Victor Balata & Textile Belting Co. 502,119, Sept. 14; Serial No. 534,232, published June 8, 1948.
Belting, hose and packing material. Raybestos-Manhattan, Inc. 502,110, Sept. 14; Serial No. 533,389, published June 8, 1948.
Brake linings, clutch facings, belting, etc. Raybestos-Manhattan, Inc. 502,109, Sept. 14; Serial No. 533,387, published June 8, 1948.
Clutch facings. Raybestos-Manhattan, Inc. 502,173, Sept. 14; Serial No. 541,782, published June 8, 1948.
Cups, Fabric. Darling Valve & Manufacturing Company. 300,442, Jan. 17, 1933. Republished Sept. 14.
Packing and gaskets, Sheet. Stewart R. Browne Mfg. Co. Inc. 502,136, Sept. 14; Serial No. 535,932, published June 8, 1948.
Packing material, Flax. Raybestos-Manhattan, Inc. 502,107–8, Sept. 14; Serial No. 533,383–4, published June 8, 1948.
Packing, Rubber and asbestos. Ungarische Gummiwaarenfabriks Actiengesellschaft. 68,839, re-renewed Apr. 28, 1948. O. G. Sept. 14.
Packings molded to different shapes and in the flat, Leather. Chas. A. Schieren Company. 502,092, Sept. 14; Serial No. 530,853, published June 8, 1948.
Patching kits, Portable. Bowes "Seal Fast" Corporation. 352,149, Nov. 23, 1937. Republished Sept. 14.
Shims and shim stock. Laminated Shim Co., Inc. 344,377, Mar. 23, 1937. Republished Sept. 14.
Tires, tubes, and repair materials. Kelly-Springfield Tire Company. 502,103, Sept. 14; Serial No. 532,610, published June 8, 1948.
Tires. Mayfair Tire Company. 502,146, Sept. 14; Serial No. 536,408, published June 8, 1948.
Tires and inner tubes, Pneumatic. Gem Tire & Rubber Co. 428,476, Mar. 25, 1947. Republished Sept. 14.
Tires; inner tubes, repair kits, Pneumatic. Lee Rubber and Tire Corporation. 502,111, Sept. 14; Serial No. 533,589, published June 8, 1948.
Tires of all kinds, Rubber. Lee Rubber and Tire Corporation. 502,112, Sept. 14; Serial No. 533,590, published June 8, 1948.

CLASS 36

Musical instrument, Woodwind. E. V. Powell. 440,587, Sept. 14; Serial No. 513,767, published June 15, 1948.
Phonographs and grooved phonograph records, Non-electrical. Georges Cherel. 440,561, Sept. 14; Serial No. 507,297, published June 15, 1948.
Pianos. M. Steinert & Sons Co., Inc. 502,055, Sept. 14; Serial No. 512,540, published June 15, 1948.
Records, Electrical transcription and phonograph. Keystone Broadcasting System, Inc. 396,820, Aug. 4, 1942. Republished Sept. 14.

CLASS 37

Envelopes, Correspondence and mailing. Curtis 1000 Inc. 392,085, Dec. 9, 1941. Republished Sept. 14.
Envelopes, Correspondence and mailing. Curtis 1000 Inc. 401,530, May 25, 1943. Republished Sept. 14.
Envelopes, Transparent protecting. Curtis 1000 Inc. 402,963, Aug. 24, 1943. Republished Sept. 14.
Glassine, waxed paper, etc. Newark Paraffine and Parchment Paper Co. 234,178, renewed Oct. 18, 1947. O. G. Sept. 14.
Paper. Curtis 1000 Inc. 347,304, June 22, 1937. Republished Sept. 14.
Paper, bond paper, writing paper, etc., Ledger. L. L. Brown Paper Company. 249,050, renewed Nov. 6, 1948. O. G. Sept. 14.
Paper, Greaseproof and waterproof wrapping. Fred Rentz Paper Company. 249,791, renewed Nov. 20, 1948. O. G. Sept. 14.
Paper, Kraft wrapping. Southern Advance Bag & Paper Co. Inc. 502,200, Sept. 14; Serial No. 508,867.
Paper, Tissue. Brittains, Limited. 222,998, Jan. 11, 1927. Republished Sept. 14.
Paper, Waxed. Newark Paraffine & Parchment Paper Co. 254,333, Mar. 19, 1929. Republished Sept. 14.
Papers, Book and cover. Peninsular Paper Company. 329,140, Oct. 15, 1935. Republished Sept. 14.
Papers, Cover papers and book. Peninsular Paper Company. 331,411, Jan. 7, 1936. Republished Sept. 14.
Papers, lithographic papers, etc., Pottery tissue printing. Brittains, Limited. 154,885, May 16, 1922. Republished Sept. 14.
Papers, lithographic papers, etc., Pottery tissue printing. Brittains, Limited. 155,207, May 23, 1922. Republished Sept. 14.
Papers, Writing. Whiting Paper Company. 31,704, renewed June 21, 1948. O. G. Sept. 14.
Pens, Fountain. W. A. Sheaffer Pen Company. 390,844, Oct. 7, 1941. Republished Sept. 14.
Pens, pencils, pen-racks, etc. Spencerian Pen Co. 32,197, re-renewed Dec. 6, 1948. O. G. Sept. 14.
Registers and manifolding devices, parts thereof, and stationery therefor, Autographic. Egry Register Company. 102,939, Mar. 2, 1915. Republished Sept. 14.

CLASS 38

Books and pamphlets. Oxford University Press. 432,593, Sept. 9, 1947. Republished Sept. 14.
Calendars, wall mailing cards, etc., Wall. Brown & Bigelow. 249,433, renewed Nov. 13, 1948. O. G. Sept. 14.
House organ. J. Burns & Sons, Inc. 247,235, Sept. 25, 1928. Republished Sept. 14.
Magazine, Monthly. Porcelain Enamel and Manufacturing Company. 243,620, renewed June 26, 1948. O. G. Sept. 14.
Magazine or publication published periodically. Interstate Publishing Corp. 440,671, Sept. 14; Serial No. 508,730.
Periodical. Brown & Bigelow. 249,632, renewed Nov. 20, 1948. O. G. Sept. 14.
Periodical, Printed. New York Theatre Program Corporation. 319,018, Nov. 13, 1934. Republished Sept. 14.
Periodical published monthly. R. H. Porter. 272,213, July 1, 1930. Republished Sept. 14.
Periodicals. Drexel Furniture Company. 502,207, Sept. 14; Serial No. 515,416.
Publication issued periodically. National Petroleum Publishing Company. 502,203, Sept. 14; Serial No. 512,522.
Publication, Periodical. American Society of Tool Engineers, Inc. 327,967, Sept. 10, 1935. Republished Sept. 14.
Publication, Periodical. National Retail Dry Goods Association. 502,195, Sept. 14; Serial No. 500,407.
Publication published monthly. Taxicab Publishing Company. 502,220, Sept. 14; Serial No. 533,211.
Publication, Weekly. American Education Press, Inc. 241,416, renewed Apr. 24, 1948. O. G. Sept. 14.
Publications. Completely-printed. Crime Club, Inc. 250,857, renewed Dec. 18, 1948. O. G. Sept. 14.
Section or column appearing in daily and Sunday newspapers. Denver Publishing Company. 440,674, Sept. 14; Serial No. 519,318.

CLASS 39

Apparel, Women's, misses', and girls'. Gerson & Kaplan Garment Manufacturers, Inc. 502,198, Sept. 14; Serial No. 504,761.
Blouses, negligee and work shirts, and play suits, Boys'. Reliance Manufacturing Company. 250,282, renewed Dec. 4, 1948. O. G. Sept. 14.
Boots and shoes. French, Shriner & Urner Manufacturing Co. 352,985, Dec. 21, 1937. Republished Sept. 14.
Boots and shoes. United States Rubber Company. 235,568, Nov. 22, 1927. Republished Sept. 14.
Boots and shoes of leather. Endicott-Johnson Company. 63,468, June 25, 1907. Republished Sept. 14.
Boots and shoes, Rubber. La Crosse Rubber Mills Co. 179,999, Feb. 19, 1924. Republished Sept. 14.
Caps and hats. Woolrich Woolen Mills. 276,502, Oct. 1, 1930. Republished Sept. 14.
Clothing. Drybak Corporation. 400,396, Mar. 9, 1943. Republished Sept. 14.
Clothing. Society Brand Clothes, Inc. 440,650, Sept. 14; Serial No. 524,492, published May 18, 1948.
Clothing, Articles of. Heberlein & Co. A.-G. 440,541, Sept. 14; Serial No. 496,507, published June 8, 1948.
Clothing, Children's. Standard Romper Co., Inc. 502,089, Sept. 14; Serial No. 530,781, published May 25, 1948.
Clothing, Men's. Strawbridge & Clothier. 259,503, July 30, 1929. Republished Sept. 14.
Coats and suits made of wool, mohair, and llama, Ladies'. Anitra, Inc. 502,161, Sept. 14; Serial No. 538,226, published May 25, 1948.
Coats and waterproof capes, Waterproof. Pearson Brothers. 245,150, renewed Aug. 7, 1948. O. G. Sept. 14.
Coats, Women's. Levy Bros. & Adler Rochester, Inc. 502,160, Sept. 14; Serial No. 538,150, published May 25, 1948.
Coveralls, Children's. Martin Brothers Company. 440,585, Sept. 14; Serial No. 513,185, published May 25, 1948.
Drawers and undershirts, Men's. Robert Reis & Co. 71,837, re-renewed Dec. 15, 1948. O. G. Sept. 14.
Dresses, Children's. Rosenau Brothers, Inc. 502,147, Sept. 14; Serial No. 536,449, published June 8, 1948.
Dresses, Children's. Rosenau Brothers, Inc. 502,149, Sept. 14; Serial No. 536,839, published May 25, 1948.
Dresses, Ladies', misses', and junior misses'. Dixie Dee Dresses, Inc. 502,202, Sept. 14; Serial No. 510,577.
Foundation garments, corsets, brassières, etc., Women's and girls'. Clear Weave Hosiery Stores, Inc. 362,233, Nov. 15, 1938. Republished Sept. 14.
Garments, Fur. Maximillian Furs, Inc. 502,158, Sept. 14; Serial No. 538,021, published May 25, 1948.
Garments, Ladies' and girls'. Gerson & Kaplan Garment Manufactures, Inc. 502,102, Sept. 14; Serial No. 532,585, published June 1, 1948.
Gloves. Indianapolis Glove Company. 237,798, Jan. 17, 1928. Republished Sept. 14.
Gloves and mittens, Fabric. Indianapolis Glove Company. 143,053, May 24, 1921. Republished Sept. 14.
Gloves and work mittens, Work. Indianapolis Glove Company. 330,159, Nov. 19, 1935. Republished Sept. 14.
Gloves and work mittens, Work. Indianapolis Glove Company. 330,161, Nov. 19, 1935. Republished Sept. 14.
Gloves and work mittens, Work. Indianapolis Glove Co. 382,294, Oct. 22, 1940. Republished Sept. 14.
Gloves and work mittens, Work. Indianapolis Glove Co. 400,042, Feb. 16, 1943. Republished Sept. 14.
Gloves, Canvas work. Indianapolis Glove Company. 225,658, Mar. 22, 1927. Republished Sept. 14.
Gloves, Fabric and combination fabric and leather. Indianapolis Glove Company. 200,394, June 30, 1925. Republished Sept. 14.
Gloves, Knitted and woven fabric. Wells-Lamont Manufacturing Co. 219,164–5, Oct. 12, 1926. Republished Sept. 14.
Gloves, Knitted and woven fabric. Wells-Lamont Manufacturing Co. 219,876, Oct. 26, 1926. Republished Sept. 14.
Gloves, Knitted and woven fabric. Wells-Lamont Manufacturing Co. 221,478, Nov. 30, 1926. Republished Sept. 14.
Handkerchiefs. M. P. Niven. 502,218, Sept. 14; Serial No. 530,015.
Hat bodies and hoods. Felts, Inc. 502,140, Sept. 14; Serial No. 536,071, published Feb. 17, 1948.
Hats. F. Royer, Neé Leblet. 440,581, Sept. 14; Serial No. 512,656, published June 1, 1948.
Hats and caps, Men's and boys'. I. Alport. 502,091, Sept. 14; Serial No. 530,795, published June 8, 1948.
Hats, berets, caps, and bonnets. L. Tassano. 502,115, Sept. 14; Serial No. 533,793, published May 25, 1948.
Hats, Ladies' and misses'. Schneider Brothers Millinery Company. 250,784, renewed Dec. 18, 1948. O. G. Sept. 14.
Hats, Ladies', misses', and children's. Fruhauf & Musyl. 502,085, Sept. 14; Serial No. 530,076, published May 25, 1948.
Hats, Men's. Byer-Rolnick Company. 330,447, Dec. 3, 1935. Republished Sept. 14.
Hats, Men's. Byer-Rolnick Company. 391,506, Nov. 11, 1941. Republished Sept. 14.
Hats, Men's. Byer-Rolnick Company. 393,219, Jan. 27, 1942. Republished Sept. 14.
Headwear, Men's, women's, and children's sports. Derby Cap Manufacturing Co. 502,079, Sept. 14; Serial No. 529,236, published May 25, 1948.
Hosiery. Bear Brand Hosiery Co. 237,829, Jan. 17, 1928. Republished Sept. 14.
Hosiery. Bear Brand Hosiery Co. 246,437, renewed Sept. 4, 1948. O. G. Sept. 14.
Hosiery. Bear Brand Hosiery Co. 248,742, renewed Oct. 30, 1948. O. G. Sept. 14.
Hosiery. Bear Brand Hosiery Co. 248,805, renewed Oct. 30, 1948. O. G. Sept. 14.
Hosiery. Bear Brand Hosiery Co. 249,741, renewed Nov. 20, 1948. O. G. Sept. 14.
Hosiery. Bear Brand Hosiery Co. 252,292, Jan. 29, 1929. Republished Sept. 14.

Hosiery. Bear Brand Hosiery Co. 259,774, Aug. 6, 1929. Republished Sept. 14.
Hosiery. Bear Brand Hosiery Co. 262,695, Oct. 22, 1929. Republished Sept. 14.
Hosiery. Bear Brand Hosiery Co. 276,258, Oct. 14, 1930. Republished Sept. 14.
Hosiery. Bear Brand Hosiery Co. 405,491, Feb. 1, 1944. Republished Sept. 14.
Hosiery. Burson Knitting Company. 223,550, Feb. 8, 1927. Republished Sept. 14.
Hosiery. H. R. H. Silk Hosiery Mills, Inc. 254,884, Apr. 2, 1929. Republished Sept. 14.
Hosiery. Hanes Hosiery Mills Company. 322,511, Mar. 12, 1935. Republished Sept. 14.
Hosiery. Massachusetts Knitting Mills. 248,837, Oct. 30, 1928. Republished Sept. 14.
Hosiery. Massachusetts Knitting Mills. 294,547, May 31, 1932. Republished Sept. 14.
Hosiery. National Hosiery Mills, Inc. 420,514, Apr. 16, 1946. Republished Sept. 14.
Hosiery. National Hosiery Mills, Inc. 420,761, Apr. 30, 1946. Republished Sept. 14.
Hosiery. National Hosiery Mills, Inc. 422,776, Aug. 13, 1946. Republished Sept. 14.
Hosiery. National Hosiery Mills, Inc. 429,784–6, May 20, 1947. Republished Sept. 14.
Hosiery. Paramount Knitting Co. 66,702, Dec. 24, 1907. Republished Sept. 14.
Hosiery. Sapphire Hosiery Company. 426,136, Dec. 17, 1946. Republished Sept. 14.
Hosiery. Sapphire Hosiery Company. 427,112, Jan. 28, 1947. Republished Sept. 14.
Hosiery. Rufus W. Scott Company. 251,102, renewed Dec. 25, 1948. O. G. Sept. 14.
Hosiery. Shreve & Adams, Inc. 197,770, Apr. 21, 1925. Republished Sept. 14.
Hosiery. Strawbridge & Clothier. 350,112, Sept. 14, 1937. Republished Sept. 14.
Hosiery and underwear, Women's and girls'. Clear Weave Hosiery Stores, Inc. 407,015, May 16, 1944. Republished Sept. 14, 1948.
Hosiery, Ladies' woolen. Bear Brand Hosiery Co. 245,145, renewed Aug. 7, 1948. O. G. Sept. 14.
Hosiery, Women's and girls'. Clear Weave Hosiery Stores, Inc. 360,814, Sept. 27, 1938. Republished Sept. 14.
Infants' wear. Tiny Tailors, Inc. 440,635, Sept. 14; Serial No. 522,395, published June 8, 1948.
Insoles for shoes. Walkonaire Corporation. 363,997, Jan. 17, 1939. Republished Sept. 14.
Jackets and slacks, Men's sport. Blacker Bros. Inc. 440,639, Sept. 14; Serial No. 523,038, published June 1, 1948.
Jackets and slacks, Men's sport. Blacker Bros. Inc. 440,640, Sept. 14; Serial No. 523,081, published June 1, 1948.
Neckties. Barton Neckwear Company. 502,096, Sept. 14; Serial No. 531,882, published June 8, 1948.
Neckties. Wembley, Inc. 440,625, Sept. 14; Serial No. 520,777, published May 18, 1948.
Overcoats, topcoats, suits, etc. Continental Mills, Inc. 440,632, Sept. 14; Serial No. 521,856, published June 1, 1948.
Overcoats, topcoats, suits, etc., Men's and boys'. Kravitz Clothing Company. 440,599, Sept. 14; Serial No. 517,063, published Sept. 9, 1947.
Pants, breeches, blouses and jackets, etc., Work. Drybak Corporation. 347,577, June 29, 1937. Republished Sept. 14.
Playsuits, sun suits, pants, etc., Children's. Tex-Son Co. 502,090. Sept. 14; Serial No. 530,787, published May 25, 1948.
Rubbers or overshoes. La Crosse Rubber Mills Co. 372,458. Oct. 31, 1939. Republished Sept. 14.
Shirts and sport jackets, Men's sport. Capital Manufacturing Co., Inc. 502,210, Sept. 14; Serial No. 516,667.
Shirts, Men's and boys' dress and sport. M. & D. Simon Company, Incorporated. 440,628, Sept. 14; Serial No. 521,200, published June 8, 1948.
Shirts, pajamas, sport shirts, etc. Atlas Shirt Company, Inc. 440,613, Sept. 14; Serial No. 519,504, published June 8, 1948.
Shoes and boots, Leather. Gregory and Read Company. 247,182, renewed Sept. 25, 1948. O. G. Sept. 14.
Shoes, overshoes and boots. La Crosse Rubber Mills Co. 371,518, Sept. 26, 1939. Republished Sept. 14.
Shoes, Rubber. La Crosse Rubber Mills Co. 159,012, Sept. 19, 1922. Republished Sept. 14.
Shoes, Women's. Strawbridge & Clothier. 279,567, Jan. 20, 1931. Republished Sept. 14.
Shoes, Women's. Strawbridge & Clothier. 383,854, Dec. 24, 1940. Republished Sept. 14.
Socks, stockings, vests, etc. J. Barlow & Co. (Nottm), Limited. 440,641, Sept. 14; Serial No. 523,171, published May 18, 1948.
Suits and overcoats, Men's. Hickey-Freeman Company. 246,644, renewed Sept. 11, 1948. O. G. Sept. 14.
Suits, Bathing. Worcester Knitting Company. 250,352, renewed Dec. 4, 1948. O. G. Sept. 14.
Suits, coats, and pants, Men's and young men's summer. Marx & Haas-Korrekt Company. 502,093, Sept. 14; Serial No. 530,946, published May 18, 1948.
Suits, coats, overcoats, etc., Men's and boys. Hart, Schaffner & Marx. 440,580, Sept. 14; Serial No. 512,588, published July 22, 1947.
Suits, jackets, coats, etc., Ladies'. Duchess Royal, Inc. 502,143, Sept. 14; Serial No. 536,243, published June 8, 1948.
Suspenders, Men's and boys'. Knothe Brothers Co. Inc. 502,084, Sept. 14; Serial No. 530,008, published June 8, 1948.
Swimsuits, coats, jackets, etc., Men's, women's, and children's. Gantner & Mattern Company. 440,583, Sept. 14; Serial No. 513,040, published June 8, 1948.
Swimsuits, coats, jackets, etc., Men's, women's, and children's. Gantner & Mattern Company. 440,584, Sept. 14; Serial No. 513,174, published May 18, 1948.
Swimming trunks, boots, etc., Men's and boys'. Talon, Inc. 502,075, Sept. 14; Serial No. 527,934, published May 25, 1948.
Trousers and slacks, Boys'. Affiliated Retailers, Inc. 440,621, Sept. 14; Serial No. 520,314, published May 25, 1948.
Underwear, Women's. American Manufacturing Corporation, Inc. 343,739, Mar. 2, 1937. Republished Sept. 14.
Underwear, Women's and girls'. Clear Weave Hosiery Stores, Inc. 334,227, Apr. 21, 1936. Republished Sept. 14.
Vests, One-piece dress. S. Sherman. 440,573, Sept. 14; Serial No. 510,902, published June 8, 1948.
Wearing apparel, Children's outer. Tri-Parel Corporation. 440,563, Sept. 14; Serial No. 507,604, published May 25, 1948.
Wearing apparel, Women's, misses' and girls'. Stix, Baer & Fuller Co. 502,081, Sept. 14; Serial No. 529,500, published May 25, 1948.

CLASS 40

Buttons, Pearl. Red Star Mfg. Co. Inc. 249,368, renewed Nov. 13, 1948. O. G. Sept. 14.
Comb and pin, Combined. Diadem, Inc. 394,473, Apr. 7, 1942. Republished Sept. 14.
Combs and hat fasteners, Coiffure. Diadem, Inc. 408,458, Aug. 15, 1944. Republished Sept. 14.

CLASS 42

Blankets and rugs. Wormalds & Walker, Limited. 244,170–1, renewed July 17, 1948. O. G. Sept. 14.
Blankets, Woolen. Pendleton Woolen Mills. 246,911, renewed Sept. 18, 1948. O. G. Sept. 14.
Blankets, Woolen. Pendleton Woolen Mills. 248,843, renewed Oct. 30, 1948. O. G. Sept. 14.
Cloth, Sugar-bar. Mente & Co., Inc. 233,270, Sept. 27, 1927. Republished Sept. 14.
Cloth, taffeta weave, Silk. Tobler, Ernst & Traber, Inc. 325,737, July 2, 1935. Republished Sept. 14.
Cloths and stuffs of wool, worsted, or hair. Joseph Hoyle & Son, Limited. 198,009, Apr. 28, 1925. Republished Sept. 14.
Comforters, Bed. Simon Mattress Manufacturing Co. 428,468, Mar. 25, 1947. Republished Sept. 14.
Denim and other fabrics of cotton, rayon and linen, etc. Erwin Cotton Mills Company. 392,268, Dec. 16, 1941. Republished Sept. 14.
Denims in the piece. Erwin Cotton Mills Co. 148,829, Nov. 29, 1921. Republished Sept. 14.
Dish towels. Marshall Field & Company. 502,123, Sept. 14; Serial No. 534,456, published June 8, 1948.
Dish towels and toweling in the piece. Marshall Field & Company. 502,122, Sept. 14; Serial No. 534,455, published June 8, 1948.
Duck, Cotton. William L. Barrell Company. 502,129, Sept. 14; Serial No. 535,458, published June 8, 1948.
Fabrics in the piece. Charles Bloom, Inc. 502,082, Sept. 14; Serial No. 529,868, published June 8, 1948.
Fabrics in the piece. Celanese Corporation of America. 250,584, renewed Dec. 11, 1948. O. G. Sept. 14.
Fabrics in the piece, Cotton. Exeter Manufacturing Company. 408,629, Aug. 22, 1944. Republished Sept. 14.
Fabrics in the piece, Textile. D. B. Fuller & Co., Inc. 502,128, Sept. 14; Serial No. 535,315, published June 1, 1948.
Fabrics in the piece, Wide elastic. John Heathcoat & Co. 440,617, Sept. 14; Serial No. 519,950, published June 8, 1948.
Fabrics made of cotton and rayon sold in the piece. Milton C. Blum, Inc. 440,665, Sept. 14; Serial No. 490,226.
Fabrics, Woven. Tobler, Ernst & Traber, Inc. 397,439, Sept. 8, 1942. Republished Sept. 14.
Fabrics, Woven, knitted, netted, textile, and pile. Cheney Brothers. 250,622, renewed Dec. 11, 1948. O. G. Sept. 14.
Fabrics, Woven, knitted, netted, textile, and pile. Cheney Brothers. 250,630, renewed Dec. 11, 1948. O. G. Sept. 14.
Laces and embroidered fabrics in the piece. Kaufman & Krieger. 502,213, Sept. 14; Serial No. 524,541.
Mats, rugs, and carpets, Woven. F. H. Schoeman. 440,560, Sept. 14; Serial No. 506,966, published June 8, 1948.

Piece goods. Harry Ball & Son. 502,142, Sept. 14; Serial No. 536,219, published June 8, 1948.
Piece goods. Townbrooke Fabrics, Inc. 440,532, Sept. 14; Serial No. 487,973, published May 25, 1948.
Piece goods and silk and wool mixed piece goods, etc., Silk. Mallinson & Co. Inc. 250,524, renewed Dec. 11, 1948. O. G. Sept. 14.
Piece goods, Cotton. Exeter Manufacturing Company. 401,154, Apr. 27, 1943. Republished Sept. 14.
Piece goods, Cotton and rayon. U. S. Brenner Corp. 502,164, Sept. 14; Serial No. 538,677, published June 8, 1948.
Piece goods, cotton duck awning in the piece, and cotton duck in the piece, Cotton. William L. Barrell Company. 502,130, Sept. 14; Serial No. 535,459, published June 8, 1948.
Piece goods, Fabric. Rosewin Coats, Inc. 440,616, Sept. 14; Serial No. 519,899, published May 25, 1948.
Piece goods of wool, silk, rayon, etc. Lippitt Worsted Mills, Inc. 440,637, Sept. 14; Serial No. 522,725, published June 8, 1948.
Piece goods, Rayon. Melodie Textiles, Inc. 440,589, Sept. 14; Serial No. 514,211, published June 1, 1948.
Piece goods, Woolen. Eclarte Proprietary Limited. 440,586, Sept. 14; Serial No. 513,731, published June 8, 1948.
Piece goods, Woolen. Forstmann Woolen Co. 502,162, Sept. 14; Serial No. 538,523, published June 8, 1948.
Piece goods, Woolen. Victoria Woolen Company, Inc. 440,611, Sept. 14; Serial No. 519,108, published June 8, 1948.
Place mats, Table. Ullman Company Inc. 440,592, Sept. 14; Serial No. 515,142, published June 1, 1948.
Rayon, romaine and alpaca piece goods. Wingor Textile Co., Inc. 440,643, Sept. 14; Serial No. 523,553, published June 1, 1948.
Rugs, Textile. Strawbridge & Clothier. 335,553, June 9, 1936. Republished Sept. 14.
Sheeting, sheets and pillow cases. Hesslein & Co., Inc. 440,551, Sept. 14; Serial No. 503,094, published June 1, 1948.
Sheetings and shirtings. Monohansett Mfg. Co. 58,866, Dec. 25, 1906. Republished Sept. 14.
Sheetings, Cotton. Columbus Manufacturing Company. 224,803, Mar. 8, 1927. Republished Sept. 14.
Sheetings, Cotton. Columbus Manufacturing Company. 225,322, Mar. 15, 1927. Republished Sept. 14.
Sheetings, Cotton. Columbus Manufacturing Company. 226,544, Apr. 12, 1927. Republished Sept. 14.
Sheetings, Cotton. Columbus Manufacturing Company. 228,207, May 24, 1927. Republished Sept. 14.
Sheetings, Cotton. Columbus Manufacturing Company. 228,293–4, May 31, 1927. Republished Sept. 14.
Sheets, pillow cases, sheeting and pillowcase tubing, etc. Erwin Cotton Mills Company. 411,823, Feb. 6, 1945. Republished Sept. 14.
Sheets, pillow cases, sheetings, tubing, etc. Erwin Cotton Mills. 393,785, Mar. 3, 1942. Republished Sept. 14.
Silk crepe in the piece. Diamond & Bober. 243,376, renewed June 19, 1948. O. G. Sept. 14.
Textile fabrics in the piece of cotton, rayon, wool, etc. Shirley Fabrics Corp. 502,116, Sept. 14; Serial No. 533,932, published June 8, 1948.

CLASS 43

Silk, Thrown. Baer Company. 166,924, Apr. 17, 1923. Republished Sept. 14.
Yarn, Cotton. January and Wood Company. 328,942, Oct. 8, 1935. Republished Sept. 14.

CLASS 44

Abrasive implements used in manicuring the nails. H. C. Bates. 332,435, Feb. 11, 1936. Republished Sept. 14.
Dental appliances including full dentures, etc., Restorative. Vernon-Benshoff Company. 362,016, Nov. 8, 1938. Republished Sept. 14.
Foot prosthetic devices. American Medical Glass Company. 502,194, Sept. 14; Serial No. 497,834.
Manicure articles. H. C. Bates. 325,899, July 9, 1935. Republished Sept. 14.
Manicure articles. H. C. Bates. 333,353, Mar. 17, 1936. Republished Sept. 14.
Rupture reducing and confining devices, including trusses. Brooks Rupture Appliance Company. 166,073, Mar. 27, 1923. Republished Sept. 14.
Teeth, Artificial. Ideal Tooth Incorporated. 212,108, Apr. 27, 1926. Republished Sept. 14.
Telephones and ear phones, One-way. Globe Phone Manufacturing Company. 192,984, Dec. 15, 1924. Republished Sept. 14.
Therapeutic lamp. Acme Products Corporation. 502,509, Sept. 14; Serial No. 516,462.
Vibrators and electric hair dryers, Electric. A. C. Gilbert Company. 246,623, renewed Sept. 11, 1948. O. G. Sept. 14.

CLASS 45

Beverage, Carbonated non-alcoholic. H. H. Morse. 69,468, June 16, 1908. Republished Sept. 14.
Beverage, Nonalcoholic, noncereal, maltless. C. Adams. 244,221, renewed July 17, 1948. O. G. Sept. 14.
Beverages, Nonalcoholic, noncereal, maltless. Wocky Products Company. 389,997, Sept. 2, 1941. Republished Sept. 14.
Soda water, ice-cream soda water, lemon phosphate, etc. The Mirror. 247,018, renewed Sept. 18, 1948. O. G. Sept. 14.
Soda water, ice-cream soda water, lemon phosphates, etc. The Mirror. 247,123, renewed Sept. 18, 1948. O. G. Sept. 14.

CLASS 46

Algin compound. Kelco Company. 421,958, June 25, 1946. Republished Sept. 14.
Algin product. Kelco Company. 416,387, Sept. 11, 1945. Republished Sept. 14.
Bacon, hams, lard, etc. Theurer-Norton Provision Co. 140,994, Mar. 29, 1921. Republished Sept. 14.
Baked beans. Burnham & Morrill Company. 295,958, July 19, 1932. Republished Sept. 14.
Baked beans and sauer kraut, canned fruits, etc. H. F. Hemingway & Co. 71,811, re-renewed Dec. 15, 1948. O. G. Sept. 14.
Baked goods—namely, bread. Brick Oven Bakers, Inc. 440,666–7, Sept. 14; Serial Nos. 493,590–1.
Bananas dipped in ice cream, Frozen. Bernards Creamery. 440,668, Sept. 14; Serial No. 495,444.
Bread. Gordon Baking Company. 216,160, Aug. 3, 1926. Republished Sept. 14.
Butter. P. Kristensen. 440,669, Sept. 14; Serial No. 499,239.
Butter substitute. Central Ohio Supply Co. 440,604, Sept. 14; Serial No. 517,965, published June 8, 1948.
Cakes. Gordon Baking Company. 256,692, May 21, 1929. Republished Sept. 14.
Candies, bonbons, pastry, etc. The Mirror. 247,621, renewed Oct. 2, 1948. O. G. Sept. 14.
Candy. Fanny Farmer Candy Shops, Inc. 248,204, Oct. 16, 1928. Republished Sept. 14.
Candy. J. O. Gilbert. 76,995, Mar. 1, 1910. Republished Sept. 14.
Candy. J. O. Gilbert. 131,938, June 1, 1920. Republished Sept. 14.
Candy. J. O. Gilbert. 356,110, Apr. 12, 1938. Republished Sept. 14.
Candy. J. O. Gilbert. 360,234, Sept. 13, 1938. Republished Sept. 14.
Candy. E. A. Hoffman Candy Co., Inc. 191,954, Nov. 25, 1924. Republished Sept. 14.
Candy. E. A. Hoffman Candy Co., Inc. 196,900, Mar. 31, 1925. Republished Sept. 14.
Candy. E. A. Hoffman Candy Company, Inc. 223,333, Feb. 1, 1927. Republished Sept. 14.
Candy. John G. Woodward & Co. Inc. 242,231, May 15, 1928. Republished Sept. 14.
Canned and preserved fruits, canned vegetables, canned fish, etc. S. S. Pierce Co. 223,788, Feb. 8, 1927. Republished Sept. 14.
Canned beans and pork, canned vegetables, and canned clams. Burnham & Morrill Company. 180,712, Mar. 4, 1924. Republished Sept. 14.
Canned bonita. South Pacific Canning Co. 376,351, Mar. 19, 1940. Republished Sept. 14.
Canned cat and dog food. Burnham & Morrill Company. 275,071, Sept. 16, 1930. Republished Sept. 14.
Canned cat food. Coast Fishing Company. 377,344, Apr. 30, 1940. Republished Sept. 14.
Canned cherries. Fruit Growers Co-Operative. 388,603, July 1, 1941. Republished Sept. 14.
Canned citrus fruits, canned vegetables, and canned citrus fruit juices, etc. Harlingen Canning Company. 358,307, July 5, 1938. Republished Sept. 14.
Canned corn. Burnham & Morrill Company. 340,159, Nov. 3, 1936. Republished Sept. 14.
Canned corn. Cobb Canning Company. 409,984, Oct. 31, 1944. Republished Sept. 14.
Canned dog food. Vimper Foods, Inc. 341,793, Dec. 22, 1936. Republished Sept. 14.
Canned dog food. Vimper Foods, Inc. 342,155, Jan. 5, 1937. Republished Sept. 14.
Canned fish. Franco-Italian Packing Co., Inc. 265,226, Dec. 17, 1929. Republished Sept. 14.
Canned fish. San Carlos Canning Company. 364,315, Jan. 24, 1939. Republished Sept. 14.
Canned fish. Seaboard Packing Corporation. 318,416, Oct. 23, 1934. Republished Sept. 14.
Canned fish. Seaboard Packing Corporation. 328,978, Oct. 15, 1935. Republished Sept. 14.
Canned fish. South Pacific Canning Co. 376,361, Mar. 19, 1940. Republished Sept. 14.
Canned fish. South Pacific Canning Co. 377,318, Apr. 30, 1940. Republished Sept. 14.
Canned fish. South Pacific Canning Co. 378,256, June 4, 1940. Republished Sept. 14.
Canned fish, canned sardines. Neptune Sea Food Company. 121,932, June 11, 1918. Republished Sept. 14.
Canned fish, roe, fruit, vegetables, and oysters. W. J. Courtney Co., Inc. 101,565, Dec. 29, 1914. Republished Sept. 14.
Canned fruits and vegetables. Edgett-Burnham Company. 269,230, Apr. 1, 1930. Republished Sept. 14.

Canned fruits and vegetables. Luce Packing Company. 250,645, renewed Dec. 11, 1948. O. G. Sept. 14.
Canned fruits and vegetables. South Haven Preserving Co. 234,631, Nov. 1, 1927. Republished Sept. 14.
Canned fruits, canned vegetables, and canned fruit juices. H. E. Butt Grocery Company. 361,629, Oct. 25, 1938. Republished Sept. 14.
Canned fruits, canned vegetables, and canned fruit, vegetable, and berry juices. Filice and Perrelli Canning Company, Incorporated. 382,857, Nov. 12, 1940. Republished Sept. 14.
Canned fruits, canned vegetables, canned fruit and vegetable juices, etc. Filice and Perrelli Canning Company. Incorporated. 388,977, July 22, 1941. Republished Sept. 14.
Canned fruits, canned vegetables, canned fruit cocktail, etc. Filice & Perrelli Canning Company, Incorporated. 399,753, Jan. 26, 1943. Republished Sept. 14.
Canned fruits, canned vegetables, etc. Filice and Perrelli Canning Company, Incorporated. 387,961, June 10, 1941. Republished Sept. 14.
Canned olives. Albers Packing Company. 229,486, June 28, 1927. Republished Sept. 14.
Canned olives. Bolivar Packing Company. 243,740, renewed June 26, 1948. O. G. Sept. 14.
Canned olives. Lindsay Ripe Olive Company. 390,152, Sept. 9, 1941. Republished Sept. 14.
Canned prepared pork meat. Dubuque Packing Company. 429,529, May 6, 1947. Republished Sept. 14.
Canned tomatoes, tomato sauce, canned peas, etc. A. Merlino & Sons. 240,430, renewed Mar. 27, 1948. O. G. Sept. 14.
Canned tuna fish. South Pacific Canning Co. 376,510, Mar. 26, 1940. Republished Sept. 14.
Canned tuna fish. South Pacific Canning Co. 377,345. Apr. 30, 1940. Republished Sept. 14.
Canned vegetables. Burnham & Morrill Company. 269,350, Apr. 1, 1930. Republished Sept. 14.
Canned vegetables. Mobican Company. 344,786, Apr. 6, 1937. Republished Sept. 14.
Canned vegetables. William Silver & Company. 323,692, Apr. 30, 1935. Republished Sept. 14.
Canned vegetables. Albert W. Sisk & Son. 310,914, Mar. 13, 1934. Republished Sept. 14.
Canned vegetables, canned fruits, canned shellfish, etc. Rice and Fishman. 233,426, Sept. 27, 1927. Republished Sept. 14.
Carrots, Fresh. C. A. Church. 502,054, Sept. 14; Serial No. 511,658, published June 8, 1948.
Chocolates. Klein Chocolate Co., Inc. 402,200, July 6, 1943. Republished Sept. 14.
Compound of corn syrup, refiner's syrup, and granulated sugar, etc. Mangels-Herold Co., Inc. 250,953, renewed Dec. 18, 1948. O. G. Sept. 14.
Cookie sandwiches, Vanilla cream filled. George Weston Limited. 412,515, Mar. 13, 1945. Republished Sept. 14.
Dill seed, soup mixture, pepper, salt, etc. Tolerton & Warfield Co. 396,387, July 14, 1942. Republished Sept. 14.
Dough, Prepared frozen. Zion Industries, Inc. 440,676, Sept. 14; Serial No. 523,637.
Extracts, Food flavoring. Central Ohio Supply Co. 440,606, Sept. 14; Serial No. 517,967, published June 8, 1948.
Feed, Cattle, swine, dairy, and poultry. A. T. Peters. 176,506, Nov. 27, 1923. Republished Sept. 14.
Feed, Dairy. Josey Miller Company. 145,392, Aug. 2, 1921. Republished Sept. 14.
Feed for dairy cows. Geo. B. Matthews & Sons, Inc. 292,845, Mar. 29, 1932. Republished Sept. 14.
Feed, Horse and cattle. Josey-Miller Co. 100,833, Oct. 27, 1914. Republished Sept. 14.
Feed, Horse and mule. Josey-Miller Company. 176,179, Nov. 20, 1923. Republished Sept. 14.
Feed, Poultry. Josey-Miller Co. 100,831, Oct. 27, 1914. Republished Sept. 14.
Feed, Poultry. Josey Miller Co. 147,002, Sept. 21, 1921. Republished Sept. 14.
Feed, Stock. Josey-Miller Company.. 270,917, May 20, 1930. Republished Sept. 14.
Feeds, Mixed. Josey-Miller Company, Inc. 310,001, Feb. 6, 1934. Republished Sept. 14.
Feeds, Stock, poultry, and dairy. Geo. B. Matthews & Sons, Inc. 329,357, Oct. 29, 1935. Republished Sept. 14.
Fish flakes, codfish cakes, clams, etc. Burnham & Morrill Company. 173,016, Sept. 11, 1923. Republished Sept. 14.
Flavoring extracts, concentrates and emulsions. Central Ohio Supply Co. 440,597, Sept. 14; Serial No. 516,953, published June 8, 1948.
Flour, buckwheat flour, and chicken feed, Pancake. R. J. Dunham. 222,857, renewed Jan. 11, 1947. O. G. Sept. 14.
Flour, cereal breakfast food, graham flour, and wholewheat flour, Wheat. Arnold Milling Co. 348,941, Aug. 17, 1937. Republished Sept. 14.
Flour, Pancake. Tolerton & Warfield Company. 315,125, July 17, 1934. Republished Sept. 14.
Flour, Self-rising wheat. Bilsh Milling Company. 241,092, renewed Apr. 17, 1948. O. G. Sept. 14.
Flour, tea, and coffee, Wheat. Sands, Taylor & Wood Company. 284,637, July 7, 1931. Republished Sept. 14.
Flour, Wheat. Harlingen Brokerage Company. 393,863, Mar. 10, 1942. Republished Sept. 14.
Flour, Wheat. Montana Flour Mills Company. 246,950, renewed Sept. 18, 1948. O. G. Sept. 14.
Flour, Wheat. Moseley & Motley Milling Co. 69,791, July 7, 1908. Republished Sept. 14.
Flour, Wheat. Moseley & Motley Milling Co. 69,792, July 7, 1908. Republished Sept. 14.
Flour, Wheat. Polar Milling Company. 244,106, renewed July 10, 1948. O. G. Sept. 14.
Flour, whole-wheat meal, corn meal, and oatmeal, Wholewheat. Elam Mills, Inc. 243,250, renewed June 12, 1948. O. G. Sept. 14.
Fruit, Fresh deciduous. R. H. Dart. 420,649, Apr. 23, 1946. Republished Sept. 14.
Fruits, and canned citrus fruits, and canned citrus juices, Fresh citrus. Adams Packing Company, Inc. 397,114, Aug. 18, 1942. Republished Sept. 14.
Fruits, Fresh citrus. Lake Reedy Packing Co. 130,532, Apr. 27, 1920. Republished Sept. 14.
Fruits, Fresh citrus. H. Rouw Company. 380,726–27, Aug. 27, 1940. Republished Sept. 14.
Fruits, Fresh citrus. Winter Haven Citrus Growers Association. 296,619, Aug. 16, 1932. Republished Sept. 14.
Fruits, Fresh deciduous. L. R. Hamilton. 194,117, Jan. 13, 1925. Republished Sept. 14.
Fruits, fresh deciduous fruits, fresh melons, etc., Fresh citrus. R. H. Dart. 280,269, Feb. 10, 1931. Republished Sept. 14.
Grapes, Fresh. R. H. Dart. 240,515, renewed Mar. 27, 1948. O. G. Sept. 14.
Grapes, Fresh. Morse and Skinner. 361,049, Oct. 4, 1938. Republished Sept. 14.
Ham. Geo. Hormel & Company. 239,415, Mar. 6, 1928. Republished Sept. 14.
Icing powder. Central Ohio Supply Co. 440,605, Sept. 14; Serial No. 517,966, published June 8, 1948.
Milk, Evaporated. United Dairy Company Inc. 211,245, Apr. 6, 1926. Republished Sept. 14.
Olives. Arguimbau & Ramee. 80,969, Feb. 21, 1911. Republished Sept. 14.
Olives, Ripe. Albers Packing Company. 202,267, Aug. 18, 1925. Republished Sept. 14.
Peanut butter and cooking compounds. Cream Dove Mfg. Co., Inc. 242,074, May 15, 1928. Republished Sept. 14.
Peanuts in the shell, Fresh roasted. Pacific Gamble Robinson Co. 424,728, Oct. 22, 1946. Republished Sept. 14.
Potato chips and corn chips. Rutledge Potato Chip Company. 502,208, Sept. 14; Serial No. 515,644.
Preparation in powdered form for making desserts and puddings. Kosto Co. 257,301, June 4, 1929. Republished Sept. 14.
Salt. Ohio Salt Company. 112,799–801, Sept. 26, 1916. Republished Sept. 14.
Salt. Ohio Salt Company. 187,453, Aug. 5, 1924. Republished Sept. 14.
Salt. Ohio Salt Company. 240,820, Apr. 10, 1928. Republished Sept. 14.
Salt. Ohio Salt Company. 248,268, Oct. 16, 1928. Republished Sept. 14.
Salt. Ohio Salt Company. 314,906, July 10, 1934. Republished Sept. 14.
Salt. Ohio Salt Company. 340,293–4, Nov. 3, 1936. Republished Sept. 14.
Salt, baking powder, and sal soda. Janszen Company. 248,988, renewed Nov. 6, 1948. O. G. Sept. 14.
Salt, specifically table salt. Ohio Salt Company. 340,310–11, Nov. 3, 1936. Republished Sept. 14.
Sardines in oil, Smoked. Stavanger Preserving Company. 70,539, re-renewed Sept. 8, 1948. O. G. Sept. 14.
Soup base, Chicken style. Meat Industry Suppliers, Inc. 502,206, Sept. 14; Serial No. 513,127.
Sugar composed of sugar syrup, corn syrup, gelatin, Invert. Central Ohio Supply Co. 440,603, Sept. 14; Serial No. 517,964, published June 8, 1948.
Tea, canned shrimp, canned tomato soup, etc. John F. Lalla Company. 317,031, Sept. 11, 1934. Republished Sept. 14.
Tomato catsup, horseradish, etc. Mohican Company. 347,907, July 13, 1937. Republished Sept. 14.
Tomato pulp. M. Pieri. 414,218, May 29, 1945. Republished Sept. 14.
Vanilla, Concentrated plastic. J. G. Metke. 440,663, Sept. 14; Serial No. 525,917, published June 8, 1948.
Vegetables and fresh melons, Fresh. Colorado River Farms, Incorporated. 502,217, Sept. 17; Serial No. 529,746.
Vegetables and fruits, Frozen. Cedergreen Frozen Pack Corporation. 371,865, Oct. 10, 1939. Republished Sept. 14.
Vegetables, Fresh. W. B. Grainger Packing Company. 297,637, Sept. 20, 1932. Republished Sept. 14.

Vegetables, Fresh. W. B. Grainger Packing Company. 298,795, Nov. 8, 1932. Republished Sept. 14.
Vegetables, Fresh. W. B. Grainger Packing Company. 330,661, Dec. 10, 1935. Republished Sept. 14.
Vegetables, Fresh. Merrill Packing Company, Inc., Ltd. 317,963–4, Oct. 9, 1934. Republished Sept. 14.
Vegetables, Fresh. Merrill Packing Company, Inc., Ltd. 319,434, Nov. 27, 1934. Republished Sept. 14.
Whey solid, Powdered. Kraft-Phenix Cheese Company. 248,619, Oct. 3, 1928. Republished Sept. 14.

CLASS 47

Wines. Beringer Bros., Inc. 310,917–18, Mar. 13, 1934. Republished Sept. 14.
Wines. Beringer Bros., Inc. 321,745, Feb. 12, 1935. Republished Sept. 14.

CLASS 48

Beer. Ambrosia Brawing Company. 415,025, July 10, 1945. Republished Sept. 14.
Malt. First Caramel Malting Corporation. 415,069, July 10, 1945. Republished Sept. 14.

CLASS 49

Brandy. O'Neill Co., Inc. 289,999, Sept. 2, 1941. Republished Sept. 14.
Gin and whiskey. O'Neill Co. Inc. 316,351, Aug. 21, 1934. Republished Sept. 14.
Vodka. Ron Virgin Company, Ltd. 411,825, Feb. 6, 1945. Republished Sept. 14.
Whiskey. Glenmore Distilleries Company. 428,122, Mar. 11, 1947. Republished Sept. 14.
Whisky. Ballantine & Son, Limited. 392,907, Jan. 20, 1942. Republished Sept. 14.

CLASS 50

Bottle stoppers, Dispensing. Mallick Manufacturing Co. 440,549, Sept. 14; Serial No. 501,915, published June 22, 1948.
Closure caps. Anchor Cap & Closure Corporation. 239,742, renewed Mar. 13, 1948. O. G. Sept. 14.
Cushion for surface of stairways, Reversible, protective covering. G. Hertz. 440,652, Sept. 14; Serial No. 524,063, published June 15, 1948.
Electrotypes. Royal Electrotype Company. 239,760, Mar. 13, 1928. Republished Sept. 14.
Kits containing a refrigerator space for nursing bottles, etc., Nursing bottle. N. B. Doerr. 440,622, Sept. 14; Serial No. 520,329, published June 15, 1948.
Novelties and curios sold as souvenirs. La Villita Corporation. 440,553, Sept. 14; Serial No. 504,111, published June 22, 1948.
Pads, Felt. American Felt Company. 502,215, Sept. 14; Serial No. 528,181.
Sheet base material impregnated with toughening and reinforcing substance, Flexible fibrous. Maynard H. Moore, Jr. Inc. 440,534, Sept. 14; Serial No. 491,348, published June 15, 1948.
Sheet material, Open-mesh. Pyroxylin Products, Inc. 440,623, Sept. 14; Serial No. 520,415, published June 15, 1948.
Sheet material, Transparent, flexible, water-proof, weather repellant. Richkraft Company. 440,612, Sept. 14; Serial No. 519,417, published June 15, 1948.
Stairways, Portable passenger loading. Airquipment Company. 502,196, Sept. 14; Serial No. 500,511.

CLASS 55

Service of casualty insurance. Northwest Casualty Company. 502,224, Sept. 14; Serial No. 532,957.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 14TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Bendar, Arthur Z., Burbank, Calif. Flight position and force indicating instrument. Re. 23,038, Sept. 14.

LIST OF DESIGN PATENTEES

Ace Pump Corporation, assignee: *See*—
Theis, Elmer E.
Admiral Lamp Mfg. Corp., assignee: *See*—
Gotliffe, Irving I.
Anderson, Lloyd L., and R. F. Hefferan, assignors to Paneva Corporation, Grand Rapids, Mich. Dishwashing appliance. 150,915, Sept. 14.
Arnett, Leslie, Chicago, Ill., assignor to Square Manufacturing Company. Beverage dispensing machine. 150,916, Sept. 14.
Bach, Alfons: *See*—
Cooper, Benjamin, Hohmann, and Bach.
Bay State Optical Company, assignee: *See*—
Hansen, Julius E.
Bennett, Donald F.: *See*—
Weber, Henry J., and Bennett.
Berg, Vernon R., Marshfield, Wis. Water bowl for stock. 150,917, Sept. 14.
Bernecker, Arthur, Hempstead, N. Y. Lapel ornament or similar article. 150,918, Sept. 14.
Bernecker, Arthur, Hempstead, N. Y. Lapel ornament or similar article. 150,919, Sept. 14.
Besozzi, Mario A., Beechhurst, N. Y. Food mincer. 150,920, Sept. 14.
Binsack, William F., Irondequoit, N. Y. Drapery hanger. 150,921, Sept. 14.
Black, Albert C., Los Angeles, Calif. Combined radio cabinet, clock, and lamp. 150,922, Sept. 14.
Boutelle, Allen O., Jefferson, and R. C. Kuder, assignors to Moe Brothers Manufacturing Company, Fort Atkinson, Wis. Tube lamp fixture. 150,923, Sept. 14.
Bright, Roy L., assignor to Du Bois Plastic Products, Inc., Buffalo, N. Y. Sun spectacles. 150,924, Sept. 14.
Budiong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 150,925, Sept. 14.
Burnelli, Vincent J., Red Bank, N. J. Transport airplane. 150,926, Sept. 14.
Burns, Bruce: *See*—
Grandon, Matthew R., and Burns.
Chernow, Michael, New York, N. Y. Earring or similar article. 150,927, Sept. 14.
Chernow, Michael, New York, N. Y. Earring or similar article. 150,928, Sept. 14.
Chernow, Michael, New York, N. Y. Earring or similar article. 150,929, Sept. 14.
Chernow, Michael, New York, N. Y. Earring or similar article. 150,930, Sept. 14.
Chernow, Michael, New York, N. Y. Earring or similar article. 150,931, Sept. 14.
Chernow, Michael, New York, N. Y. Earring or similar article. 150,932, Sept. 14.
Chicago Electric Manufacturing Company, assignee: *See*—
Stiles, Harry L.
Clark & Coombs Company, assignee: *See*—
Hoeckele, Anton.
Clark, Harry J., Monrovia, Calif. Housing for a space heater. 150,933, Sept. 14.
Cohen, Sidney, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Suit. 150,934, Sept. 14.
Cohen, Sidney, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Suit. 150,935, Sept. 14.
Cole of California, Inc., assignee: *See*—
Laszlo, Margit F.
Cooper, Benjamin, New York, N. Y., A. F. Hohmann, Teaneck, N. J., and A. Bach, Stamford, Conn.; said Hohmann and said Bach assignors to said Cooper. Combination orange juicer and liquefying unit. 150,936, Sept. 14.
Coro, Inc., assignee: *See*—
Katz, Adolph.
Du Bois Plastic Products, Inc., assignee: *See*—
Bright, Roy L.
Ferar, Montgomery, Detroit, Mich., assignor to Florence Stove Company, Gardner, Mass. Handle for cookstove oven doors. 150,937, Sept. 14.
Florence Stove Company, assignee: *See*—
Ferar, Montgomery.
Fruit, Edmund W., Chicago, assignor to R. T. and J. E. Welsh and E. W. Fruit, a partnership doing business as J. Edmund Regor Company, Rockford, Ill. Electric fan. 150,938, Sept. 14.
Fuller, Paul M., Buffalo, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Electric organ. 150,939, Sept. 14.
General Motors Corporation, assignee: *See*—
Lauve, Henry de S.
Goebel, Herman L., assignor to Mitchell Manufacturing Company, Chicago, Ill. Desk lamp or the like. 150,940, Sept. 14.
Goldberg, Harry, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Jacket. 150,941, Sept. 14.
Goldberg, Harry, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Jacket. 150,942, Sept. 14.
Goldberg, Harry, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Jacket. 150,943, Sept. 14.
Goldberg, Harry, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Jacket. 150,944, Sept. 14.
Goldberg, Harry, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Coat. 150,945, Sept. 14.
Gotliffe, Irving I., New York, N. Y., assignor to Admiral Lamp Mfg. Corp., Chicago, Ill. Lamp fixture. 150,946, Sept. 14.
Grandon, Matthew R., Beverly Hills, and B. Burns, Los Angeles, Calif. Leash reel housing. 150,947, Sept. 14.
Haft, Morris W., & Bros., Inc., assignee: See—
Cohen, Sidney.
Goldberg, Harry.
Hansen, Julius E., Providence, R. I., assignor to Bay State Optical Company, Attleboro, Mass. Nonmetallic temple for spectacles or similar article. 150,948, Sept. 14.
Hart, Frederick D., assignor to Tennessee Enamel Manufacturing Co., Nashville, Tenn. Heater. 150,949, Sept. 14.
Hart, Frederick D., assignor to Tennessee Enamel Manufacturing Co., Nashville, Tenn. Heater. 150,950, Sept. 14.
Hefferan, Robert F.: *See*—
Anderson, Lloyd L., and Hefferan.
Hill, Carson E., Ferndale, Mich. Combined fishing rod handle and reel. 150,951, Sept. 14.
Hoeckele, Anton, Providence, R. I., assignor to Clark & Coombs Company. Ring or similar article. 150,952, Sept. 14.
Hohmann, Albert F.: *See*—
Cooper, Benjamin, Hohmann, and Bach.
Ingham, Herbert S., Roslyn Estates, N. Y. Heat fusible material spray gun. 150,953, Sept. 14.
Irwin, Neel S., Weaverville, N. C. Sectional display stand unit. 150,954, Sept. 14.
Jacobs, Earl E., Dayton, Ohio. Knife sharpener. 150,955, Sept. 14.
Jordan, Peter P.: *See*—
Kahlen, Fritz, and Jordan.
Jordanoff Corporation, assignee: *See*—
Meagher, Fred L.
Kabase, Frank E., Birmingham, Ala. Cradle. 150,956, Sept. 14.
Kahlen, Fritz, New York, and P. P. Jordan, Jackson Heights, N. Y.; said Jordan assignor to said Kahlen. Combined bottle opener and cork remover. 150,957, Sept. 14.
Karp, Edward C., Belvidere, Ill. Meat saw. 150,958, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 150,959, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,960, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 150,961, Sept. 14.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,962, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,963, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,964, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,965, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,966, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,967, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,968, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,969, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,970, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,971, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,972, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,973, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,974, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,975, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 150,976, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,977, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,978, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 150,979, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 150,980, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,981, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 150,982, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 150,983, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 150,984, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 150,985, Sept. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 150,986, Sept. 14.
Kaufman, Samuel J., New York, N. Y. Combined clock and supporting easel therefor. 150,987, Sept. 14.
Kinard, Arthur C., assignor of one-half to L. L. Pyle, El Dorado, Ark. Fish lure. 150,988, Sept. 14.
Kline, Herbert J., Jackson, Mich., assignor, by mesne assignments, to National Die Casting Company, Chicago, Ill. Food chopper and grinder. 150,989, Sept. 14.
Krieger, Carl G., Mason City, Iowa. Combined fruit reamer and strainer. 150,990, Sept. 14.
Kuder, Robert C.: *See*—
Bontelle, Allen O., and Kuder.
Laszlo, Margit F., Los Angeles, Calif., assignor to Cole of California, Inc. Two-piece swim suit. 150,991, Sept. 14.
Laszlo, Margit F., Los Angeles, Calif., assignor to Cole of California, Inc. Swim suit. 150,992, Sept. 14.
Laszlo, Margit F., Los Angeles, Calif., assignor to Cole of California, Inc. Play suit. 150,993, Sept. 14.
Lauve, Henry D., Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 150,994, Sept. 14.
Leftwich, Carlton O., Lynchburg, Va. Rocking horse. 150,995, Sept. 14.
Lehman, Carl E., Evanston, Ill. Faucet attachment. 150,996, Sept. 14.
Long, Albert T., Baltimore, Md. Lectern. 150,997, Sept. 14.
Meagher, Fred L., assignor to Jordanoff Corporation, New York, N. Y. Cabinet for sound receiving and transmitting apparatus. 150,998, Sept. 14.
Milford Crane & Machine Co., assignee: *See*—
Rossner, Emery.
Miller, Gregory, and M. Sluderman, Los Angeles, Calif. Motor vehicle. 150,999, Sept. 14.
Millspaugh, Cedric E., Westlake, Ohio, assignor to Union-National, Inc., Jamestown, N. Y. Drop-leaf extension table. 151,000, Sept. 14.
Mitchell Manufacturing Company, assignee: *See*—
Goebel, Herman L.
Moe Brothers Manufacturing Company, assignee: *See*—
Bontelle, Allen O., and Kuder.
National Die Casting Company, assignee: *See*—
Kline, Herbert J.
Paneva Corporation, assignee: *See*—
Anderson, Lloyd L., and Hefferan.
Perl, Frederick W., Mansfield, Ohio, assignor to Westinghouse Electric Corporation. Laundry machine. 151,001, Sept. 14.
Pyle, L. L., assignee: *See*—
Kinard, Arthur C.
Raschke, William L., Fort Worth, Tex. Artificial bait. 151,002, Sept. 14.
Rawson, Emanuel, Chicago, Ill. Milking machine claw. 151,003, Sept. 14.
Rawson, Emanuel, Chicago, Ill. Milking machine pulsator. 151,004, Sept. 14.
Regor, J. Edmund, Company: *See*—
Fruit, Edmund W.
Rhodes, Harold B., Hollywood, Calif. Miniature piano. 151,005, Sept. 14.
Rossner, Emery, Brooklyn, N. Y., assignor to Milford Crane & Machine Co., Milford, Conn. Motor power vehicle cab. 151,006, Sept. 14.
Russell, Corey L., Milwaukee, Wis. Lawn sprinkler. 151,007, Sept. 14.
Rycraft, Carl T., Burbank, Calif. Golf bag carrier. 151,008, Sept. 14.
Sawtell, Ella, Portland, Oreg. Hat. 151,009, Sept. 14.
Schuessler Knitting Mills, Inc., assignee: *See*—
Schuessler, Walter E.
Schuessler, Walter E., assignor to Schuessler Knitting Mills, Inc., Chicago, Ill. Cap. 151,010, Sept. 14.
Schuessler, Walter E., assignor to Schuessler Knitting Mills, Inc., Chicago, Ill. Cap. 151,011, Sept. 14.
Schwartz, Frederick, Chicago, Ill. Lamp fixture. 151,012, Sept. 14.
Selrite, Inc., assignee: *See*—
Spence, Edmond J.
Spence, Edmond J., assignor to Selrite, Inc., New York, N. Y. Sewing cabinet. 151,013, Sept. 14.
Square Manufacturing Company, assignee: *See*—
Arnett, Leslie.
Steiner, Ezekiel C., Los Angeles, Calif. Meat cutting machine. 151,014, Sept. 14.
Stiles, Harry L., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Portable electric heater. 151,015, Sept. 14.
Strassner, John F., New York, N. Y. Suit. 151,016, Sept. 14.
Strassner, John F., New York, N. Y. Suit. 151,017, Sept. 14.
Strassner, John F., New York, N. Y. Suit. 151,018, Sept. 14.
Tennessee Enamel Manufacturing Co., assignee: *See*—
Hart, Frederick D.
Theis, Elmer E., assignor to Ace Pump Corporation, Memphis, Tenn. Well pump. 151,019, Sept. 14.
Union-National, Inc., assignee: *See*—
Millspaugh, Cedric E.
Van Dyk, Katharine G., Scarsdale, N. Y. Dental supply kit. 151,020, Sept. 14.
Vosbikian, Peter S. and T. S. Melrose, Pa. Combination mophead unit. 151,021, Sept. 14.
Vosbikian, Thomas S.: *See*—
Vosbikian, Peter S. and T. S.
Weber, Henry J., Franklinville, and D. F. Bennett, Haddonfield, assignors to Warren Webster & Company, Camden, N. J. Baseboard radiator shield unit. 151,022, Sept. 14.
Webster, Warren & Company, assignee: *See*—
Weber, Henry J., and Bennett.
Welsh, James E., assignee et al.: *See*—
Fruit, Edmund W.
Welsh, R. T., assignee et al.: *See*—
Fruit, Edmund W.
Westinghouse Electric Corporation, assignee: *See*—
Perl, Frederick W.
Wood, John N., Media, Pa. Toilet roll receptacle. 151,023, Sept. 14.
Wurlitzer, Rudolph Company, The, assignee: *See*—
Fuller, Paul M.
Zenith Radio Corporation, assignee: *See*—
Budlong, Robert D.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 14TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbrecht, Hermann H., Shaker Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Trimming machine. 2,449,042, Sept. 14.
Abrams, Armand J., M. H. Gorin, and C. O. Baker, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of carbon monoxide and hydrogen from methane. 2,449,359, Sept. 14.
Adams, Harold S., Skowhegan, Maine, assignor to American Woolen Company, New York, N. Y. Ring spinning frame. 2,449,267, Sept. 14.
Adel Precision Products Corp., assignee: *See*—
Kremiller, Arthur E.
Wisegarver, Orton H.
Aeschlimann, John A., Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Aryl esters of tertiary carbamic acid. 2,449,440, Sept. 14.
Agra, Arthur G., Chicago, Ill. Toilet. 2,449,441, Sept. 14.
Agra, Arthur G., Chicago, Ill. Trailer toilet. 2,449,442, Sept. 14.
Agriculture, United States of America as represented by the Secretary of, assignee: *See*—
Broeg, Charles B., and Balch.
Goldthwait, Charles F., and Smith.
McGovran, Edward R., Mayer, and Talley.
Tanner, Fred W., Jr., and Van Lanen.
Air Reduction Company, Incorporated, assignee: *See*—
Heldbrink, Jay A.
Aircraft-Marine Products, Inc., assignee: *See*—
Carlson, Vernon E.
Aktiengesellschaft Brown, Voveri & Cie, assignee: *See*—
Eichenberger, Ernst.
All American Aviation, Inc., assignee: *See*—
Schultz, Arthur B.
Allen, Harry L., and G. J. Skriver, Philadelphia, Pa., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Making oils from acid sludges resulting from the sulfuric acid purification of coal tar distillates. 2,449,098, Sept. 14.
Allied Chemical & Dye Corporation, assignee: *See*—
Allen, Harry L., and Skriver.
Allmänna Svenska Elektriska Aktiebolaget, assignee: *See*—
Lamm, Uno.
Allphin, Willard J., Danvers, Mass., assignor to Sylvania Electric Products, Inc., Salem, Mass. Electric lamp. 2,449,268, Sept. 14.
Altman, Otto, Port Chester, N. Y. Safety transmission for vending machines and the like. 2,449,043, Sept. 14.
American Bosch Corporation, assignee: *See*—
Lamphere, Richard W.
American Brake Shoe Company, assignee: *See*—
Magnus, Oscar F.
American Seating Company, assignee: *See*—
Nordmark, Walter E.
American Steel Foundries, assignee: *See*—
Lehrman, Leo A.
American Vitos Company, Inc., assignee: *See*—
Vitoux, Marcel.
American Woolen Company, assignee: *See*—
Adams, Harold S.
Anderson, Arthur A., Rose Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Automatic adhesive tape dispenser. 2,449,047, Sept. 14.
Anderson, Gustave A., assignor to The International Handkerchief Mfg. Co., New York, N. Y. Blank feeder means. 2,449,044, Sept. 14.
Armistead, William H., assignor to Corning Glass Works, Corning, N. Y. Glass having low power factor. 2,449,099, Sept. 14.
Athans, Francis P., Fort Worth, Tex. Expansible fish-hook. 2,449,045, Sept. 14.
Attorney General of the United States: *See*—
Lautenschlager, Carl L., and Lindner.
Wolff, Hanns-Heinz.
Austin, Bascom O.: *See*—
Killian, Orvel G., and Austin.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Selective hydraulic control structure. 2,449,269, Sept. 14.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of highly halogenated fluoroalkanes. 2,449,360, Sept. 14.
Automotive Products Company, Limited, assignee: *See*—
Hayman, Bernard M.
Autophone Aktiengesellschaft, assignee: *See*—
Tschumi, Otto.
Avco Manufacturing Corporation, assignee: *See*—
Leydorf, George F.
Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,449,361, Sept. 14.
Ayerst, McKenna & Harrison Limited, assignee: *See*—
Strean, Lyon P.
Bahan, William H., Greenville, S. C. Driving means for looms. 2,449,157, Sept. 14.
Bailey Meter Company, assignee: *See*—
Johnson, Clarence.
Baird, Hugh S.: *See*—
Kolehmainen, Elmar, and Baird.
Baker, Edgar B.: *See*—
Gloss, Gunter H., and Baker.
Baker, Ovid C.: *See*—
Abrams, Armand J., Gorin, and Baker.
Balch, Royal T.: *See*—
Broeg, Charles B., and Balch.
Banyai, M., Limited, assignee: *See*—
Banyai, Maurus.
Banyai, Maurus, assignor to M. Banyai Limited, Glasgow, Scotland. Needle frame for gauze weaving looms. 2,449,100, Sept. 14.
Barley, Lyndle W., Colorado Springs, Colo. Multiple unit freezer cabinet. 2,449,101, Sept. 14.
Barnes, Wilbur L., and J. J. Harrison, assignors to Michigan Carton Company, Battle Creek, Mich. Dispensing container. 2,449,046, Sept. 14.
Bastian-Blessing Company, The, assignee: *See*—
Fredrick, Raymond R.
Bausch & Lomb Optical Company, assignee: *See*—
Frost, Wright W.
Wittig, Carl H. O.
Bayley, Abraham: *See*—
Mueller, Fritz W. H., and Bayley.
Beager, Arthur and E. W., New York, N. Y. Vacuum cleaner bag. 2,449,102, Sept. 14.
Beager, Elizabeth W.: *See*—
Beager, Arthur and E. W.
Beam, Chester F., Niagara Falls, Ontario, Canada. Automobile sanding device. 2,449,525, Sept. 14.
Beaver Tool & Engineering Corp., assignee: *See*—
Cherry, Charles A.
Behrens, Otto K., assignor to Eli Lilly and Company, Indianapolis, Ind. Phenacetylaminomethylcrotonic acid. 2,449,191, Sept. 14.
Behrens, Otto K., and Q. F. Soper, assignors to Eli Lilly and Company, Indianapolis, Ind. N-alkenyl phenylacetamides. 2,449,192, Sept. 14.
Behrens, Otto K., R. G. Jones, and Q. F. Soper, assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture medium for producing penicillin. 2,449,193, Sept. 14.
Behrens, Otto K., and J. W. Corse, assignors to Eli Lilly and Company, Indianapolis, Ind. N-dihydroxypropyl phenylacetamide. 2,449,194, Sept. 14.
Behrens, Otto K., and J. W. Corse, assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for producing penicillin. 2,449,195, Sept. 14.
Belchetz, Arnold, Larchmont, N. Y., assignor to Stauffer Chemical Company. Production of sulfur trioxide. 2,449,190, Sept. 14.
Bell, James R., La Grange, Ill., L. D. Stacy, Burkburnett, Tex., and I. E. Dischinger, Jr., Berwyn, Ill., assignors to General Motors Corporation, Detroit, Mich. Explosion-proof lamp. 2,449,362, Sept. 14.
Bell Products Corporation, assignee: *See*—
Sebell, Harry.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Clayden, Francis W.
Goodall, William M.
Houghton, Edward W.
Bendixen, Palle N., Copenhagen, Denmark. Device for transforming direct current into alternating current or vice versa. 2,449,048, Sept. 14.
Bennett, Charles E., Ridgewood, N. J. Apparatus for protecting inflammable liquids against fire. 2,449,270, Sept. 14.
Bennett, Charles E., Ridgewood, and P. V. White, Rochelle Park, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Joint structures for cables. 2,449,271, Sept. 14.
Bent, George R., Northbrook, assignor, by mesne assignments, to Consolidated Cosmetics, Chicago, Ill. Powder box having sealing ring. 2,449,196, Sept. 14.
Bentley, Frank B.: *See*—
Doane, Lewis B., and Bentley.
Benyak, John B., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. End brush and making. 2,449,158, Sept. 14.

Benziger, Alfred B., Chicago, Ill. Tube holder. 2,449,197, Sept. 14.

Berch, Samuel H., Beverly Hills, assignor to The Flexible Vacuum Container Corporation, Los Angeles, Calif. Vacuum sealing flexible packages. 2,449,272, Sept. 14.

Bernhard, Richard, assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Riding ring mounting for rotary cylinders. 2,449,198, Sept. 14.

Bernstein, Herman, assignee et al.: *See*—
Warner, Samuel W.

Bettler, Philip, Boston, and H. D. Doolittle, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Line pulse modulator for multichannel transmitters. 2,449,443, Sept. 14.

Bigwood, Joshua, & Son Limited, assignee: *See*—
Pope, Alfred.

Bisso, Nino, New York, N. Y. Adjustable flexible band. 2,449,273, Sept. 14.

Black, Eric A., Red Bank, N. J. Adjustable support. 2,449,049, Sept. 14.

Blackburn, Wayne E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Selenium rectifier. 2,449,444, Sept. 14.

Blair, Homer E., McCool, Ind. Switch lever stop. 2,449,363, Sept. 14.

Blankart, André, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Process for isolating vanillin. 2,449,364, Sept. 14.

Blankenbuehler, John H.: *See*—
Croco, Charles P., and Blankenbuehler.

Bober, Walter F., Cleveland, and F. E. Sebring, Mount Gilead, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Apparatus for forging. 2,449,365, Sept. 14.

Bodan, Herman, Milwaukee, Wis. Flush tank drip pan. 2,449,445, Sept. 14.

Boes, W. W., Company, The, assignee: *See*—
Boes, Walter W.

Boes, Walter W., assignor to The W. W. Boes Company, Dayton, Ohio. Film tank. 2,449,199, Sept. 14.

Boggis, Henry P., Shaker Heights, Ohio. Tap driver. 2,449,103, Sept. 14.

Bolleau, Arthur H., Cedar Rapids, Iowa, assignor to Cherry-Burrell Corporation, Wilmington, Del. Churn support. 2,449,446, Sept. 14.

Bond, George R., Jr., Paulsboro, N. J., and G. A. Mills, Ridley Park, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Catalytic conversion of hydrocarbons with a cerium phosphate catalyst. 2,449,050, Sept. 14.

Boucher, Roger, Hull, Quebec, Canada. Bicycle rear light control. 2,449,200, Sept. 14.

Bowen Research Corporation, assignee: *See*—
Bowen, William S., and McCrum.

Bowen, William S., Westfield, and W. I. McCrum, Belmar, assignors to Bowen Research Corporation, Garwood, N. J. Vibrating conical discharge means for spray driers. 2,449,366, Sept. 14.

Boyajian, Aram, Pittsfield, Mass., assignor to General Electric Company. Tapped transformer system. 2,449,367, Sept. 14.

Bradley, John S., North Attleboro, Mass., and N. H. Smith, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Yarn take-up. 2,449,105, Sept. 14.

Brailsford, Robert E.: *See*—
Kischitz, Alexander D., Gochenour, and Brailsford.

Breth, Ferdinand W., and A. Kinsel, Petrolia, Pa., assignors to L. Sonneborn Sons, Inc. Liquid phase refining of petroleum hydrocarbon products. 2,449,051, Sept. 14.

Bridwell, Chalon E., Detroit, Mich. Valve cage. 2,449,106, Sept. 14.

Briggs Manufacturing Company, assignee: *See*—
Lyijynen, Fred.
Pattison, Herbert J.

Broeg, Charles B., and R. T. Balch, Houma, La., assignors to United States of America as represented by the Secretary of Agriculture. Making refined sugarcane wax. 2,449,107, Sept. 14.

Broll, Harry R., assignor to Fuld Bros., Inc., Baltimore, Md. Self-indicating quaternary ammonium bactericidal composition. 2,449,274, Sept. 14.

Brooks Bank Note Company, assignee: *See*—
Lambert, Russell A.

Brooks, Richard E.: *See*—
Gresham, William F., and Brooks.

Brooks, Richard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ether esters. 2,449,447, Sept. 14.

Brown & Bigelow, assignee: *See*—
Gruber, Francis E.

Brown Fintube Company, assignee: *See*—
Brown, John W., Jr.

Brown, Henry L., Seattle, Wash. Apron. 2,449,448, Sept. 14.

Brown Instrument Company, The, assignee: *See*—
Harrison, Thomas R.

Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Heat exchanger. 2,449,052, Sept. 14.

Brown, Louis B., Duquesne, Pa. Tool holder. 2,449,368, Sept. 14.

Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor cultivator. 2,449,159, Sept. 14.

Brush Development Company, The, assignee: *See*—
Jaffe, Hans.

Bugatti, Ettore, Paris, France. Milling machine. 2,449,449, Sept. 14.

Burcham, Milo, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Facilitating the feathering of propellers responsive to yaw control. 2,449,104, Sept. 14.

Burndy Engineering Company, Inc., assignee: *See*—
Paucek, Andrew J.
Rogoff, Julian.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Holddown bracket. 2,449,275, Sept. 14.

Burns, Henry L., Yellow Springs, Ohio, and J. H. Thomas, Minneapolis, Minn. Leak detector. 2,449,053, Sept. 14.

Buss, Hadley N., Detroit, Mich. Planer construction. 2,449,201, Sept. 14.

Butterfield, Harry: *See*—
Pityo, Albert F., Butterfield, and Warner.

California Research Corporation, assignee: *See*—
Miller, Robert J.

Cantlin, John H., North Andover, Mass. Fluid mass measuring device. 2,449,054, Sept. 14.

Cardox Corporation, assignee: *See*—
Williamson, Hilding V.

Carlock, George P., Jersey City, N. J. Hand operated leather punching machine. 2,449,108, Sept. 14.

Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,449,450, Sept. 14.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Vickroy, George S.

Carson, Clifford C., Washington, D. C., Flash steam eliminator. 2,449,055, Sept. 14.

Cassen, Benedict, Los Angeles, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-frequency dielectric heating apparatus. 2,449,451, Sept. 14.

Castle, James B., Oakland, assignor to Reconstruction Finance Corporation, San Francisco, Calif. Vehicle mounted front end loader. 2,449,160, Sept. 14.

Caterpillar Tractor Co., assignee: *See*—
Johnson, Lloyd E.

Celanese Corporation of America, assignee: *See*—
Santoro, Ovid, and Jaskot.

Chalos, Marcel, Paris, France. Pretensioned reinforcement. 2,449,276, Sept. 14.

Cherry-Burrell Corporation, assignee: *See*—
Bolleau, Arthur H.

Cherry, Charles A., Berkley, assignor to Beaver Tool & Engineering Corp., Royal Oak, Mich. Quick lock toolholder. 2,449,277, Sept. 14.

Chicksan Tool Company, assignee: *See*—
Phillips, Dwight M.

Chilton, Charles W., Clifton, N. J., assignor to Curtiss-Wright Corporation. Propeller governor. 2,449,452, Sept. 14.

Ciba Pharmaceutical Products Inc., assignee: *See*—
Miescher, Karl, and Klarer.

Cieslak, Leo, Salem, Oreg. Conveyer. 2,449,278, Sept. 14.

Clapp, Richard H., Danvers, assignor to Sylvania Electric Products, Inc., Salem, Mass. Copper oxide rectifier. 2,449,453, Sept. 14.

Clark, Albert R., and R. J. Kittle, assignors to The De Vilbiss Company, Toledo, Ohio. Spray booth. 2,449,203, Sept. 14.

Clark, Howard H., Kent, Ohio. Safety scaffold pole. 2,449,056, Sept. 14.

Clark, J. L., Manufacturing Co., assignee: *See*—
Ekstrom, Ted M.

Clark, John T.: *See*—
Johnson, Carroll W., and Clark.

Clauson, Lynn G., assignee, et al.: *See*—
Haight, Clarence R.

Clayden, Francis W., Bronxville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical testing device. 2,449,057, Sept. 14.

Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Plasticizing and vulcanization of butadiene-acrylic nitrile copolymer. 2,449,058, Sept. 14.

Coleman, Maurice, assignee: *See*—
Kertz, James J.

Coleman-Pettersen Corporation, assignee: *See*—
Pettersen, Wilber E.

Collins Radio Company, assignee: *See*—
May, Richard W.
Sansbury, George L.

Columbia Mills, Inc., assignee: *See*—
Burns, Fred J.

Compo Shoe Machinery Corporation, assignee: *See*—
Pitman, Earle C.
Pitman, Earle C., and Crandell.
Small, Edward F.

Conklin, Johnie E., Oakland, Calif. Power shovel. 2,449,279, Sept. 14.

Consolidated Cosmetics, assignee: *See*—
Bent, George R.

Cooke, Theodore C., Swampscott, Mass. Drop hammer. 2,449,454, Sept. 14.

Corning Glass Works, assignee: *See*—
Armistead, William H.

Corse, Joseph W.: *See*—
Behrens, Otto K., and Corse.

Costello, Frank E., Philadelphia, Pa. Bullet loosening improvements in cartridge disassembling machines. 2,449,059, Sept. 14.

Coulthard, William, Scotby, near Carlisle, England. Die casting machine. 2,449,280, Sept. 14.

Crabtree, Ernest, Toronto, Ontario, Canada. Adapter for spot welding machines. 2,449,455, Sept. 14.

Craig, Ralph P., Los Angeles, and J. W. Norgauer, Hollywood, Calif. Bottle capper. 2,449,161, Sept. 14.

Crandell, Ervin L.: *See*—
Pitman, Earle C., and Crandell.

Crane, Raymond E.: *See*—
Pieslak, Joseph W., and Crane.

Croco, Charles P., Buffalo, N. Y., and J. H. Blankenbuehler, Troy, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding control system. 2,449,456, Sept. 14.

Curtis, Charles G., Brea, Calif. Display page for coins and other objects. 2,449,204, Sept. 14.

Curtiss-Wright Corporation, assignee: *See*—
Chilson, Charles W.
Dean, George A.
Jerger, Joseph.

Daigle, Herbert D., Providence, R. I. Fluid draining device. 2,449,060, Sept. 14.

Dalton, Frank L., Ironto, Va. Sponge cleaning device. 2,449,281, Sept. 14.

Darling, Samuel M., assignor to The Standard Oil Company, Cleveland, Ohio. Conversion of hydrocarbons in the presence of a catalyst comprising alumina and an oxyfluoride of beryllium, titanium or zirconium. 2,449,061, Sept. 14.

Daven Company, The, assignee: *See*—
Naef, Alfred H.

Day, Herbert O., Bowling Green, Ohio. Hydraulic actuating mechanism for dump trucks. 2,449,202, Sept. 14.

Dean, George A., Radburn, N. J., assignor to Curtiss-Wright Corporation. Deicing system for propeller blades. 2,449,457, Sept. 14.

Decca Record Company, Limited, The, assignee: *See*—
O'Brien, William J.

Deere & Company, assignee: *See*—
Brown, Theophilus.

Degnan, James M., trustee: *See*—
Hoffer, Frank W.

D'Emilio, Oreste, Nutley, N. J. Hair drier. 2,449,205, Sept. 14.

Dentists' Supply Company of New York, The, assignee: *See*—
Whittemore, Winthrop C.

Designers for Industry, Inc., assignee: *See*—
Green, Lee B.

Detroit Lubricator Company, assignee: *See*—
Landon, Walter S.

Detroit Steel Products Company, assignee: *See*—
Gillett, William, and Miller.

Dettmer, Edward V.: *See*—
Wiley, Ralph M., and Dettmer.

De Vilbiss Company, The, assignee: *See*—
Clark, Albert R., and Kittle.

Dewey, Edward B., Washington, D. C. Agricultural machine. 2,449,062, Sept. 14.

Dickenson, Haydn G., Warrington, assignor to Ward, Blenkinsop & Company Limited, London, England. Process for the production of cyclic lactones. 2,449,162, Sept. 14.

Dickman, Calvin H., Brewster, Minn. Manually operated vegetable slicer. 2,449,282, Sept. 14.

Dike, Paul H., Jenkintown, and E. D. Doyle, assignors to Leeds and Northrup Company, Philadelphia, Pa. Recorder with magnetically positioned electric indicator. 2,449,283, Sept. 14.

Dischinger, Irvin E., Jr.: *See*—
Bell, James R., Stacy, and Dischinger.

Doane, Lewis B., and F. B. Bentley, New London, assignors to Electric Boat Company, Groton, Conn. Flexible metal hose. 2,449,369, Sept. 14.

Dole Refrigerating Company, assignee: *See*—
Kleist, Herman W.

Domonkas, Richard J., Barberton, Ohio. Quick action switch. 2,449,109, Sept. 14.

Donnelly, Thomas S., Detroit, Mich. Electrode holder. 2,449,370, Sept. 14.

Doolittle, Howard D.: *See*—
Bettler, Philip, and Doolittle.

Dorman, Edward A., New Rochelle, N. Y. Machine tool adapter. 2,449,284, Sept. 14.

Dow Chemical Company, The, assignee: *See*—
Wiley, Ralph M., and Dettmer.

Doyle, Edgar D.: *See*—
Dike, Paul H., and Doyle.

Dryden, Nathaniel C., Poughkeepsie, N. Y. Glass building block. 2,449,458, Sept. 14.

Dryer, Eldon O., Richmond, and A. H. Meisenheimer, Jr., Berkeley, Calif. Apparatus for rolling steel barrel chimes. 2,449,206, Sept. 14.

Dunne, James J., Westport, Conn., and O. S. Tuttle, New Rochelle, assignors to United States Plywood Corporation, New York, N. Y. Process for manufacturing plywood tubing. 2,449,526, Sept. 14.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Austin, Paul R.
Brooks, Richard E.
Ford, Thomas A.
Gresham, William F.
Gresham, William F., and Brooks.
Larson, Alfred T.
Schroeder, Herman E.
Sharkey, William H.
Vannoy, Wesley G.

Dutch, Emery, New York, N. Y. Method and means for welding pipes and the like. 2,449,371, Sept. 14.

Earle, Guyon L. C., Forest Hills, N. Y., assignor to H. S. Wertz, trustee for the beneficiaries of the Earle Patents Trust. Sound deadener device. 2,449,207, Sept. 14.

Earle Patents Trust, Trustee for the beneficiaries of the: *See*—
Earle, Guyon L. C.

Earley, Roy C.: *See*—
Kimball, James L., and Earley.

Eckert, Theodore, Lincolnwood, assignor to Harig Manufacturing Company, Chicago, Ill. Perforator grinding fixture. 2,449,459, Sept. 14.

Edgar, David: *See*—
Knowlton, Cutler D., and Edgar.

Edgerton, Harold E., Belmont, Mass. Electric system. 2,449,063, Sept. 14.

Edwards, Geraldine K., Napoleon, and M. H. Zachrich, Defiance, Ohio. Hearing aid and heat deflector for hair driers. 2,449,460, Sept. 14.

Edwards, O. M., Company, Inc., The, assignee: *See*—
Axe, Roy T.

Eells, Paul W., assignor to Le Roi Company, West Allis, Wis. Cooling system for internal-combustion engines. 2,449,110, Sept. 14.

Eglinton, George F., Lincoln Park, and D. J. Woodworth, Detroit, assignors to Lincoln Park Industries, Inc., Lincoln Park, Mich. Compensating abrasive wheel dressing machine. 2,449,372, Sept. 14.

Eichenberger, Ernst, Wettingen, assignor to Aktiengesellschaft Brown, Boverie & Cie, Baden, Switzerland. Circuit breaker. 2,449,208, Sept. 14.

Ekstrom, Ted M., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Rotary sifter top. 2,449,285, Sept. 14.

Electric Boat Company, assignee: *See*—
Doane, Lewis B., and Bentley.

Elcon Company, The, assignee: *See*—
Mersereau, Everard C.

Elliott, Daniel R., and K. K. Madison, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Tire curing bag. 2,449,461, Sept. 14.

Eltron, Inc., assignee: *See*—
Gelzer, John R.

Engle, Emmet R., Berwyn, Ill. Fermenting whey. 2,449,064, Sept. 14.

English Electric Company Limited, The, assignee: *See*—
Hopper, Stanley D., and Hassler.

Erie Resistor Corporation, assignee: *See*—
Minnium, Byron B.

Erisman, Adolph C., Port Richmond, assignor to L. Kushner, doing business as the Metropolitan Mechanical Display Company, New York, N. Y. Display device embodying hinged or pivoted members simulating book leaves. 2,449,462, Sept. 14.

Evering, Bernard L., Chicago, Ill., and A. P. Lien, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion process. 2,449,463, Sept. 14.

Expanded Rubber Company Limited, assignee: *See*—
Kirby, Richard A.

Eypper, George W., Montclair, N. J. Cord adjusting and storage device. 2,449,464, Sept. 14.

Fairbairn, Alasdair W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of 1,3-dihalopropylenes. 2,449,286, Sept. 14.

Fairbanks, Morse & Co., assignee: *See*—
Hobart, Franklin G.

Falge, Robert N., and W. T. Mears, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Lamp conductor contact. 2,449,373, Sept. 14.

Farber, Eduard and M. S., assignors to Timber Engineering Company, Washington, D. C. Improving chemical reactivity and adsorptive capacity of lignin from wood saccharification. 2,449,209, Sept. 14.

Farnsworth, Harry E.: *See*—
Witherby, Thomas H., and Farnsworth.

Faust, Charles C., Lake Charles, La. Automobile door glass channel retainer. 2,449,210, Sept. 14.

Fennema, Pieter H., J. G. Kronouer, and F. Prakke, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric discharge tube base. 2,449,374, Sept. 14.

Ferguson, Frederick G., Shaker Heights, and R. C. Thompson, Cleveland Heights, Ohio, assignors to Simplex Piston Ring Mfg. Company. Shaft seal. 2,449,375, Sept. 14.

Flaker, Jacob E., Barberton, Ohio. Floor mat. 2,449,465, Sept. 14.

Flexible Vacuum Container Corporation, The, assignee: *See*—
Berch, Samuel H.

Flood, Merrill M., Washington, D. C. Polarizing beam-splitting prism. 2,449,287, Sept. 14.

Flowers, Leola W.: *See*—
Flowers, Ralph G. and L. W.

Flowers, Ralph G. and L. W., Pittsfield, Mass., assignors to General Electric Company. Polymers of monovinylphenoxthines and preparing the same. 2,449,527, Sept. 14.

Flowers, Ralph G. and L. W., Pittsfield, Mass., assignors to General Electric Company. Copolymers of monovinylphenoxthines and preparing the same. 2,449,528, Sept. 14.

Flud Bros., Inc., assignee: *See*—
Broll, Harry R.

Flugstad, John B., assignee, et al.: *See*—
Haight, Clarence R.

Fockler, Theodore C.: *See*—
Ludwig, Leon R., Fockler, and Formhals.

Ford, Thomas A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. The preparation of alpha, alpha-dialkyl beta-chloropropionic acids. 2,449,163, Sept. 14.

Formhals, William H.: *See*—
Ludwig, Leon R., Fockler, and Formhals.

Forsyth, Joseph H., Santa Ynez, Calif. Bookmark. 2,449,211, Sept. 14.

Foster, Arnold L., Brooklyn, N. Y. Design-mold for treating fur. 2,449,111, Sept. 11.

Fraga, Frank M., Fresno, Calif. Tractor scoop. 2,449,212, Sept. 14.

Frank Prox Company, Inc., assignee: *See*—
Fluke, Frank L.

Fredrick, Raymond R., assignor to The Bastian-Blessing Company, Chicago, Ill. Telltale control switch. 2,449,213, Sept. 14.

Free, Charles H.: *See*—
Gordon, Hiram, and Free.

Freinkel, Leonard, Washington, D. C. Control systems for synchronous motors. 2,449,065, Sept. 14.

Friedman, Herbert, Arlington, Va. Analysis by fluorescent X-ray excitation. 2,449,066, Sept. 14.

Frost, Wright W., Knoxville, Tenn., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Object holder for opaque picture projectors. 2,449,112, Sept. 14.

Fruth, Hal F., Skokie, Ill. Electric discharge device. 2,449,113, Sept. 14.

Fulke, Frank L., assignor to Frank Prox Company, Inc., Terre Haute, Ind. Coal cutting bit and holder therefor. 2,449,288, Sept. 14.

Gahagan, Orren M., Dallas, Tex. Cathead. 2,449,376, Sept. 14.

Garey, Sanford H., Uvalde, Tex. Axially shifting hydraulic rim and tire separating device. 2,449,289, Sept. 14.

Gash, Abram D., Jr., Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Coupling device for use in toy railroads. 2,449,466, Sept. 14.

Gavriles, Pete, Laurel, Md. Bottle cap. 2,449,290, Sept. 14.

Gay, Paul S., assignor to Wilcox-Gay Corporation, Charlotte, Mich. Recording apparatus volume level indicator. 2,449,291, Sept. 14.

Gebauer, Charles L., assignor to The Gebauer Chemical Company, Cleveland, Ohio. Lubricating composition. 2,449,114, Sept. 14.

Gebauer Chemical Company, The, assignee: *See*—
Gebauer, Charles L.

Geigy, J. R., A. G., assignee: *See*—
Krebser, Adolf, and Kuster.

Gelzer, John R., assignor to Eltron, Inc., Jackson, Mich. Voltage multiplying vibrator apparatus. 2,449,214, Sept. 14.

General Aniline & Film Corporation, assignee: *See*—
Heimbach, Newton, and Kelly.
Mueller, Fritz W. H., Bayley.

General Electric Company, assignee: *See*—
Boyajian, Aram.
Flowers, Ralph G. and L. W.
Kogane, León.
Rich, Theodore A.
Whitman, Lawrence C.
Winchester, Clark E., and Lathrop.

General Motors Corporation, assignee: *See*—
Bell, James R., Stacy, and Dischinger.
Falge, Robert N., and Mears.
Lillquist, Torsten O.
McDougal, Taine G.
Van Degrift, Thomas C., Zmuda, and Riopelle.
Wittlinger, Leonard M.

General Time Instruments Corporation, assignee: *See*—
MacLean, John B., and Schlenker.

Gerry, William R.: *See*—
Shakespeare, Henry G., and Gerry.

Gillett, William, Grosse Pointe Park, and E. A. Miller, assignors to Detroit Steel Products Company, Detroit, Mich. Building structure. 2,449,292, Sept. 14.

Glass Fibers, Inc., assignee: *See*—
Stevens, Charles R.

Gloss, Gunter H., Redwood City, and E. B. Baker, Burlingame, assignors to Marine Magnesium Products Corporation, San Francisco, Calif. Production of magnesium compounds. 2,449,293, Sept. 14.

Gochenour, Carl I.: *See*—
Kischitz, Alexander D., Gochenour, and Brailsford.

Goldthwait, Charles F., and H. O. Smith, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Producing cotton cordage. 2,449,215, Sept. 14.

Goodall, William M., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system employing pulse code modulation. 2,449,467, Sept. 14.

Goodman Manufacturing Company, assignee: *See*—
Hagenbook, Loy D.

Goodrich, B. F., Company, The, assignee: *See*—
Hunter, Willson H.
Krupp, Carroll P.
Slemmons, Charles O., and Smith.

Gordon, Hiram, and C. H. Free, assignors to Joyce, Inc., Pasadena, Calif. Shoe assembling and locating attachment. 2,449,216, Sept. 14.

Gorin, Manuel H.: *See*—
Abrams, Armand J., Gorin, and Baker.

Graham, Erwin W., Lakewood, Ohio, assignor to Republic Flow Meters Company, Chicago, Ill. Regulating apparatus. 2,449,217, Sept. 14.

Green, Lee B., Lakewood, assignor to Designers for Industry, Inc., Cleveland, Ohio. Oscillating fan heater. 2,449,377, Sept. 14.

Greenland, Leonard S., Weston-super-Mare, assignor to H. M. Hobson Limited, London, England. Fuel injection system for internal-combustion engines. 2,449,468, Sept. 14.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ether esters. 2,449,471, Sept. 14.

Gresham, William F., Lindamere, and R. E. Brooks, Edgemoor Terrace, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyformals. 2,449,469, Sept. 14.

Gresham, William F., and R. E. Brooks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of organic oxygen-containing compounds. 2,449,470, Sept. 14.

Gruber, Francis E., assignor to Brown & Bigelow, St. Paul, Minn. Ball point pen. 2,449,218, Sept. 14.

Guillemin, Victor, Jr., Dayton, Ohio. Constant flow gas analyzer. 2,449,067, Sept. 14.

Guillet, Albert M., Charlotte, N. C. Leveling and aligning means. 2,449,219, Sept. 14.

Guindon, Arthur, St. Jerome, Quebec, Canada. Ski boot heel construction. 2,449,294, Sept. 14.

Gulliksen, Finn H., deceased, Oslo, Norway, by G. Gulliksen, administrator, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Polarized reed device. 2,449,472, Sept. 14.

Gulliksen, Gunvald, administrator: *See*—
Gulliksen, Finn H.

Gunn, Ross, Washington, D. C. Electric field or potential indicator. 2,449,068, Sept. 14.

Gupton, Ronda C., Newport News, Va. Cooling nozzle for use in welding. 2,449,220, Sept. 14.

Gutzeit Carlos L. assignor to Shell Development Company, San Francisco, Calif. Preparation of autoregenerative catalysts. 2,449,295, Sept. 14.

H-P-M Development Corporation, assignee: *See*—
Lindsey, Robert J.
Tucker, Warren R.

Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Connecting means for shaker conveyer troughs. 2,449,473, Sept. 14.

Haight, Clarence R., assignor of one-sixth to V. T. White, one-sixth to J. B. Flugstad, and one-sixth to L. G. Clauson, Cut Bank, Mont. Automatic hydraulic jack. 2,449,296, Sept. 14.

Halverson, Elmer L., Sacramento, Calif. Automatic water valve. 2,449,474, Sept. 14.

Hammerly, Herman J., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electromagnetically controlled switch. 2,449,221, Sept. 14.

Hammond Machinery Builders, Incorporated, assignee: *See*—
Krueger, Edward C.
Sutton, Donald E.

Hanks, Elmer C., assignee: *See*—
Transon, Robert L.

Hansen, Odd A., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. System for dispensing a liquefied gas. 2,449,378, Sept. 14.

Harig Manufacturing Company, assignee: *See*—
Eckert, Theodore.

Harness, Russell R., Elwood, Ind. Baby chick shipping box. 2,449,222, Sept. 14.

Harriman, Flora L., Lansing, Mich. Hosiery protector. 2,449,115, Sept. 14.

Harris, Walter R., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,449,475, Sept. 14.

Harrison, Hugh A., Waterloo, Iowa. Sectional scaffold. 2,449,069, Sept. 14.

Harrison, James J.: *See*—
Barnes, Wilbur L., and Harrison.

Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Antihunt electrical servomotor system. 2,449,476, Sept. 14.

Harshaw Chemical Company, The, assignee: *See*—
Pine, Paul R.
Smith, Leslie N.

Hartford National Bank and Trust Company, assignee, trustee: *See*—
Fennema, Pieter H., Kronouer, and Prakke.
Rathenau, Gerhard, Kruithof, and Hartveld.
Sleegers, Paulus A. W. M.
Van Alphen, Pieter M.

Hartveld, Joseph A.: *See*—
Rathenau, Gerhard, Kruithof, and Hartveld.

Haslacher, Alfred B., San Francisco, Calif. Packing of lettuce and package. 2,449,164, Sept. 14.

Hassler, Ernst H. H.: *See*—
Hopper, Stanley D., and Hassler.

Hatchett, James, Baird, Tex. Toy. 2,449,116, Sept. 14.

Hauser, Ethel, St. Louis, and P. Kovol, Maplewood, Mo.; said Kovol assignor to said Hauser. Protective coating for use in manicuring. 2,449,070, Sept. 14.

Hawk, Charles O., N. R. Stern, and L. J. E. Hofer, Pittsburgh, Pa., assignors to the United States as represented by the Secretary of the Interior. Catalyst for the synthesis of hydrocarbons. 2,449,071, Sept. 14.

Hayman, Bernard M., assignor to Automotive Products Company Limited, Leamington Spa, England. Braking device for electric motors. 2,449,223, Sept. 14.

Hegeman, Andrew S., Jr., Glen Ridge, and H. N. Snook, Maywood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical circuit control. 2,449,224, Sept. 14.

Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Airborne anesthetizing apparatus. 2,449,165, Sept. 14.

Heimbach, Newton, and W. Kelly, Jr., Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. 7-amino and 7-hydroxy-1,3,4-triazaindolizines as stabilizers for photographic silver-halide emulsions. 2,449,225, Sept. 14.

Heimbach, Newton, and W. Kelly, Jr., Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. 2-[vinyl-dicarboxylic acid ester]-3-amino-1,2,4-triazoles as stabilizers for photographic silver-halide emulsions. 2,449,226, Sept. 14.

Held, Joseph, West Reading, and H. Scheer, Stroudsburg, assignors to Textile Machine Works, Wyomissing, Pa. Knitting of shaped fabrics. 2,449,477, Sept. 14.

Hemphill Company, assignee: *See*—
Bradley, John S., and Smith.

Hencir, Frank J., St. Paul, Minn. Clothesline support. 2,449,379, Sept. 14.

Hengstebeck, Robert J.: *See*—
Wheeler, Harry K., Jr., and Hengstebeck.

Henricksen, Bjarne, Cliffside Park, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y. Conveyer. 2,449,117, Sept. 14.

Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Microwave-acoustic light valve. 2,449,166, Sept. 14.

Herzog, Carl, Belleville, N. J. Sealing one end of open-ended tube, filling through remaining open end, and sealing remaining open end. 2,449,478, Sept. 14.

Hickman, Clarence N., Jackson Heights, N. Y. Mortar charge. 2,449,380, Sept. 14.

Hilland, Henry J., Chicago, Ill. Adjustable form locking chase structure. 2,449,381, Sept. 14.

Hirschler, Alfred E.: *See*—
Lipkin, Moses R., and Hirschler.

Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Crankcase oil thrower and crankpin lubricating device. 2,449,227, Sept. 14.

Hobson, H. M., assignee: *See*—
Greenland, Leonard S.

Hofer, Lawrence J. E.: *See*—
Hawk, Charles O., Stern, and Hofer.

Hoffer, Frank W., assignor to J. M. Degnan, Detroit, Mich., as trustee. Automatic fluid pressure balancing system. 2,449,297, Sept. 14.

Hoffmann-La Roche Inc., assignee: *See*—
Aeschlimann, John A.
Blankart, André.

Hofgaard, Rolf, Nordstrandshogda, near Oslo, Norway. Coupling means for use with calculating, bookkeeping, or like machines. 2,449,228, Sept. 14.

Hofmann, W., Textiles Inc., assignee: *See*—
Hofmann, Willy.

Hofmann, Willy, assignor to W. Hofmann Textiles Inc., West New York, N. J. Tufting machine. 2,449,529, Sept. 14.

Holicer, John R., Shreveport, La. High-pressure petroleum gas dispensing method and apparatus. 2,449,118, Sept. 14.

Holicer, John R., Shreveport, La. Control fitting for liquefied petroleum gas tanks. 2,449,119, Sept. 14.

Holst, Paul F. G.: *See*—
Kirkwood, Loren R., and Holst.

Hooe, John M.: *See*—
Volgenau, Robert H., and Hooe.

Hooker Electrochemical Company, assignee: *See*—
Kischitz, Alexander D., Gochenour, and Brailsford.

Hopewell, Lester H., Brooklyn, N. Y. Head and socket separable safety fastener. 2,449,167, Sept. 14.

Hoppe, William, Longmeadow, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Method of and machine for applying labels. 2,449,298, Sept. 14.

Hopper, Stanley D., and E. H. H. Hassler, Stafford, assignors to The English Electric Company Limited, London, England. Electrical contacts. 2,449,479, Sept. 14.

Hopwood, John A., Westfield, assignor to Monitor Process Corporation, Jersey City, N. J. Milk delivery tube. 2,449,229, Sept. 14.

Houck, James P., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lighting control system for airports. 2,449,480, Sept. 14.

Houdry Process Corporation, assignee: *See*—
Bond, George R., Jr., and Mills.

Houghton, Edward W., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wattmeter circuit. 2,449,072, Sept. 14.

Huber, Robert, assignor of nine-tenths to R. P. Pescara, Paris, France, and one-tenth to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. Geneva, Switzerland. Fuel injection device. 2,449,382, Sept. 14.

Hufferd, George H., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Reversible pump controlled hydraulic cylinder system. 2,449,482, Sept. 14.

Hufferd, George H., Shaker Heights, and G. O. R. Lindgren, Willoughby, assignors to The Weatherhead Company, Cleveland, Ohio. Valve. 2,449,481, Sept. 14.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Brake or the like frictionally engageable structure. 2,449,383, Sept. 14.

Hurdis, Everett C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Controlling polymerization of polyhydric alcohol esters of alpha-olefinic dicarboxylic acids with ethylenic monomers. 2,449,299, Sept. 14.

Hursey, Willis E., Oak Park, and G. Strunk, Glenellyn, Ill., assignors to Seeger-Sunbeam Corporation, St. Paul, Minn. Refrigerator mullion construction for preventing condensation. 2,449,384, Sept. 14.

Hydraulic Development Corp., Inc., The, assignee: *See*—
Bober, Walter F., and Sebring.
Lindsey, Robert J.

Ilford Limited, assignee: *See*—
Kendall, John D., and Suggate.

Induction Heating Corp., assignee: *See*—
Rudd, Wallace C., and Stanton.

Industrial Patent Corporation, assignee: *See*—
Wales, Nathaniel B.

Ingersoll-Rand Company, assignee: *See*—
Naab, Julius.

Interior, United States as represented by the Secretary of, assignee: *See*—
Hawk, Charles O., Stern, and Hofer.

International Handkerchief Mfg. Co., The, assignee: *See*—
Anderson, Gustave A.

Interrante, Frank, Brooklyn, N. Y. Ringlet hair curler. 2,449,301, Sept. 14.

Irion, Clarence E., Essex Fells, N. J., assignor, by mesne assignments, to Margot Corporation, New York, N. Y. Liquid printing ink containing a lignin compound. 2,449,230, Sept. 14.

Iwick, John F., Chicago, Ill. Animated picture viewing apparatus. 2,449,483, Sept. 14.

Jaffe, Hans, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Controlling the resistivity of P-type crystals. 2,449,484, Sept. 14.

Jaskot, Edwin: *See*—
Santoro, Ovid, and Jaskot.

Jerger, Joseph, Ferguson, Mo., assignor to Curtiss-Wright Corporation. Aircraft cabin pressure control. 2,449,231, Sept. 14.

Jerome, Arthur L.: *See*—
Pascoe, Frank T., and Jerome.

Johannesen, John D., U. S. Navy. Coaxial line connector. 2,449,073, Sept. 14.

Johnson, Carroll W., Chicago, and J. T. Clark, Cicero, Ill. Dental chair unit. 2,449,385, Sept. 14.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Gas analyzer. 2,449,485, Sept. 14.

Johnson, Francis, Detroit, Mich. Door and closure holder. 2,449,386, Sept. 14.

Johnson, John E., West Hartford, assignor to National Sherardizing and Machine Company, Hartford, Conn. Air-bag cleaning and buffing machine. 2,449,387, Sept. 14.

Johnson, Lloyd E., Fond du Lac Township, Tazewell County, Ill., assignor to Caterpillar Co., San Leandro, Calif. Fuel injection mechanism. 2,449,120, Sept. 14.

Jones, Bert R., West Haven, Conn. Anchors for lading retaining bands for one-top railway cars. 2,449,300, Sept. 14.

Jones, E. D., Grand Junction, Tenn. Rail tool. 2,449,232, Sept. 14.

Jones, Nelson A., Catawissa, Pa. Coupling unit. 2,449,121, Sept. 14.

Jones, Reuben G.: *See*—
Behrens, Otto K., Jones, and Soper.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,449,122, Sept. 14.

Joyce, Inc., assignee: *See*—
Gordon, Hiram, and Free.

Justus Roe & Sons, assignee: *See*—
Mortimer, Frank J.

Kealy, Edward M., Lon Beach, Calif. Latching device. 2,449,074, Sept. 14.

Kelly, Walter, Jr.: *See*—
Heimbach, Newton, and Kelly.

Kendall, John D., and H. G. Suggate, assignors to Ilford Limited, Ilford, England. Forming coloured images by means of aryl hydrazones of glyoxylic acid amide. 2,449,388, Sept. 14.

Kertz, James J., Jamaica, assignor to M. Coleman, New York, N. Y. Electrical alarm system. 2,449,168, Sept. 14.

Ketterer, Stanley J., St. Louis, Mo. Thread feeding device. 2,449,302, Sept. 14.

Kiesewetter, Walter, Ferndale, Mich. Ventilating window. 2,449,389, Sept. 14.

Killian, Orvel G., Wapakoneta, and B. O. Austin, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,449,486, Sept. 14.

Kimball, James L., and R. C. Earley, Danvers, assignors to Ruggles-Klingemann Mfg. Co., Salem, Mass. Pilot valve for combined temperature and pressure control apparatus. 2,449,123, Sept. 14.

Kimmons, Arthur H., Burgettstown, Pa. Musical instrument. 2,449,124, Sept. 14.

King, Edward A. H., Port Washington, N. Y. Applicators for liquid medicinal preparations. 2,449,125, Sept. 14.

Kinsel, Anthony: *See*—
Breth, Ferdinand W., and Kinsel.

Kirby, Richard A., assignor to Expanded Rubber Company Limited, Croydon, England. The production of hard rubber. 2,449,390, Sept. 14.

Kirkpatrick, Wendell V., Bonita, Calif. Mechanical shorthand writing means. 2,449,126, Sept. 14.

Kirkwood, Loren R., Oakiyn, N. J., and P. F. G. Holst, Mount Healthy, Ohio, assignors to Radio Corporation of America. Deflecting circuits. 2,449,169, Sept. 14.

Kischitz, Alexander D., C. I. Gochenour, and R. E. Brailsford, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. The preparation of fluorine-containing cyclic hydrocarbons. 2,449,233, Sept. 14.

Kittle, Reynond J.: *See*—
Clark, Albert R., and Kittle.

Klarer, Willi: *See*—
Miescher, Karl, and Klarer.

Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Apparatus for cooling the interiors of containers. 2,449,127, Sept. 14.

Knapp-Monarch Company, assignee: *See*—
Moeller, George L.

Knoble, Jack R., assignor to Roofing Machinery Mfg. Company, Chicago, Ill. Winder apparatus. 2,449,234, Sept. 14.

Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flamington, N. J. Machine for treating hides, skins, and leather. 2,449,128, Sept. 14.

Kogane, León, Paris, France, assignor to General Electric Company. Bidirectional selective remote control system. 2,449,391, Sept. 14.

Kolehmainen, Elmar, and H. S. Baird, Inglewood, Calif. Cooking utensil combination. 2,449,129, Sept. 14.

Kovol, Peter: *See*—
Houser, Ethel, and Kovol.

Kramer, Irvin R., Washington, D. C. Nonmagnetic armor. 2,449,075, Sept. 14.

Krebser, Adolf, Riehen, and W. Kuster, Basel, assignors to J. R. Geigy A. G., Basel, Switzerland. Acid chromable monoazo dyestuffs and making same. 2,449,130, Sept. 14.

Kremiller, Arthur E., Glendale, Calif., assignor to Adel Precision Products Corp. Pulsator system. 2,449,392, Sept. 14.

Krieg, Eldon L., South Whitley, Ind. Board pry. 2,449,393, Sept. 14.

Kroll, John H., Spokane, Wash. Pickup claw. 2,449,487, Sept. 14.

Kronouer, Johan G.: *See*—
Fennema, Pieter H., Kronouer, and Prakke.

Krueger, Edward C., Otsego, assignor to Hammond Machinery Builders, Incorporated, Kalamazoo, Mich. Work rest holder for centerless grinders. 2,449,488, Sept. 14.

Kruithof, Arie A.: *See*—
Rathenau, Gerhard, Kruithof, and Hartveld.

Krupp, Carroll P., Barberton, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cord holder. 2,449,235, Sept. 14.

Kulka, Eugene R., Mount Vernon, N. Y. Holder for fluorescent lamps. 2,449,394, Sept. 14.

Kushner, Lina, assignee: *See*—
Erisman, Adolph C.

Kuster, Werner: *See*—
Krebser, Adolf, and Kuster.

Laing, Charles W. G., assignor to Mayo Visor Co., Detroit, Mich. Visor. 2,449,303, Sept. 14.

Lakso, Eino E., Fitchburg, Mass. Feeding device having flexible tubular wall, with compound motion for peripheral discharge. 2,449,395, Sept. 14.

Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Supervisory electrical alarm system. 2,449,304, Sept. 14.

Lambert, Russell A., assignor to Brooks Bank Note Company, Springfield, Mass. Display apparatus. 2,449,530, Sept. 14.

Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Västerås, Sweden. Means for influencing the blocking voltage in current converter valves. 2,449,396, Sept. 14.

Lamont, Lewis H., Chicago, Ill. Circuit protector. 2,449,236, Sept. 14.

Lamphere, Richard W., Wilbraham, assignor to American Bosch Corporation, Springfield, Mass. Electrical spark gap. 2,449,397, Sept. 14.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Fuel feeding apparatus. 2,449,237, Sept. 14.

La Plant-Choate Manufacturing Co., Inc., assignee: *See*—
Austin, Ellsworth W.

La Ray Engineering and Equipment Co., Inc., assignee: *See*—
Oertle, Lawrence C.

Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymeric ethylene emulsions. 2,449,489, Sept. 14.

Larson, Leslie W., St. Paul, Minn. Rack attachment for laundry tubs. 2,449,131, Sept. 14.

Lathrop, Harold F.: *See*—
Winchester, Clark E., and Lathrop.

Lautenschläger, Carl L., and F. Lindner, Frankfort-on-the-Main, Germany; vested in the Attorney General of the United States. Extracting antidiabetic substance from pancreas. 2,449,076, Sept. 14.

Leas, Leo, assignor to Lee Paper Company, Vicksburg, Mich. Adjustable heads for paper winding reels. 2,449,398, Sept. 14.

Lee, Nixon, executor: *See*—
Lee, Nixon, Jr.

Lee, Nixon, Jr., deceased, Forest Hills, N. Y., N. Lee, executor. Impeller. 2,449,531, Sept. 14.

Lee Paper Company, assignee: *See*—
Leas, Leo.

Leeds and Northrup Company, assignee: *See*—
Dike, Paul H., and Doyle.

Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubbed truck. 2,449,305, Sept. 14.

Leighton, John W., Port Huron, Mich. Kingpin assembly. 2,449,306, Sept. 14.

Lenehan, Bernard E., Bloomfield, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relaying system. 2,449,490, Sept. 14.

Le Roi Company, assignee: *See*—
Eells, Paul W.

Leydorf, George F., Cincinnati, Ohio, assignor, by mesne assignments, to Avco Manufacturing Corporation. Indicator system for towed gliders. 2,449,532, Sept. 14.

Liebegott, George H., assignor to The Pennsylvania Rail-Road Company, Philadelphia, Pa. Means to prevent shifting of lading in freight carriers. 2,449,491, Sept. 14.

Lien, Arthur P.: *See*—
Evering, Bernard L., and Lien.

Lightfoot, Charles L., Jr., Summit, N. J. Filtration apparatus. 2,449,238, Sept. 14.

Lillquist, Torsten O., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric traction and control system. 2,449,399, Sept. 14.

Lilly, Eli, and Company, assignee: *See*—
Behrens, Otto K.
Behrens, Otto K., and Corse.
Behrens, Otto K., and Soper.

Lincoln Park Industries, Inc., assignee: See—
Eglinton, George F., and Woodworth.

Linde Air Products Company, The, assignee: *See*—
Hansen, Odd A.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Power converter. 2,449,077, Sept. 14.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Commutator apparatus. 2,449,078, Sept. 14.

Lindgren, George O. R.: *See*—
Hufferd, George H., and Lindgren.

Lindner, Fritz: *See*—
Lautenschlager, Carl L., and Lindner.

Lindsey, Robert J., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Follow-up servomotor. 2,449,400, Sept. 14.

Lindsey, Robert J., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Apparatus selectively operable as a press or as a drop hammer. 2,449,401, Sept. 14.

Lionel Corporation, The, assignee: *See*—
Gash, Abram D., Jr.

Lipkin, Moses R., Philadelphia, and A. E. Hirschler, Drexel Hill, assignors to Sun Oil Company, Philadelphia, Pa. Separating aromatic hydrocarbons from a hydrocarbon mixture. 2,449,402, Sept. 14.

Lockheed Aircraft Corporation, assignee: *See*—
Burcham, Milo.

Long, Albert T., Baltimore, Md. Lectern. 2,449,492, Sept. 14.

Longini, Richard L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Attaining high vacuum in photoelectric tubes. 2,449,493, Sept. 14.

Lucia, Louis V., West Hartford, Conn. Refrigerator for making and using crushed ice. 2,449,132, Sept. 14.

Ludwig, Leon R., T. C. Fockler, W. H. Formhals, Buffalo, N. Y., and H. T. Walton, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fan-cooled dynamoelectric machine. 2,449,494, Sept. 14.

Lum, John C., Union, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Application of phosphate protective coatings to nonferrous metals. 2,449,495, Sept. 14.

Lyijynen, Fred, assignor to Briggs Manufacturing Company, Detroit, Mich. Press. 2,449,133, Sept. 14.

MacLean, John B., and M. E. Schlenker, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y. Bomb fuse. 2,449,170, Sept. 14.

Maddux, Duane C., assignee: *See*—
Weller, Clair B.

Madison, Knowles K.: *See*—
Elliott, Daniel R., and Madison.

Majauskas, Charles J., Chicago, Ill. Ventilating and flushing apparatus for water closets. 2,449,134, Sept. 14.

Magnus, Oscar F., Chicago, Ill., assignor to American Brake Shoe Company, New York, N. Y. Snubbed trailing setting switch stand. 2,449,239, Sept. 14.

Manis, George E.: *See*—
Watrous, Floyd L., and Manis.

Mantan, Frank J., Gary, Ind. Electrical connection. 2,449,496, Sept. 14.

Margot Corporation, assignee: *See*—
Irion, Clarence E.

Marine Magnesium Products Corporation, assignee: *See*—
Gloss, Gunter H., and Baker.

Martin, Eugene, Wesleyville, Pa., assignor to The Standard Stoker Company, Incorporated. Conveying mechanism. 2,449,240, Sept. 14.

Martindale Electric Company, The, assignee: *See*—
Scharping, Otto W.

Maschinenfabrik Schweiter A. G., assignee: *See*—
Schweiter, Walter.

Matthews, Daniel, Toronto, Ontario, Canada. Golf bag stand. 2,449,171, Sept. 14.

May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Tuning device ratchet. 2,449,079, Sept. 14.

Mayer, Elmer L.: *See*—
McGovran, Edward R., Mayer, and Talley.

Mayfield, Orley J., N. F. Morehouse, and A. W. Walde, Charles City, Iowa, assignors to Dr. Salisbury's Laboratories. Composition for control of poultry coccidiosis. 2,449,080, Sept. 14.

Mayfield, Orley J., N. F. Morehouse, and A. W. Walde, Charles City, Iowa, assignors to Dr. Salisbury's Laboratories. Composition for control of poultry coccidiosis. 2,449,081, Sept. 14.

Mayo Visor Co., assignee: *See*—
Laing, Charles W. G.

McBride, Robert L., New York, N. Y. Clamping mechanism. 2,449,172, Sept. 14.

McCabe, Louis P., Hollis, N. Y. Preventing distortion in butt-welded plates. 2,449,082, Sept. 14.

McCrum, Walter L.: *See*—
Bowen, William S., and McCrum.

McDougal, Taine G., Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug electrode. 2,449,403, Sept. 14.

McGovran, Edward R., Hyattsville, Md., E. L. Mayer, Anaheim, Calif., and F. B. Talley, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Synergistic insecticidal compositions. 2,449,533, Sept. 14.

McLeod, Will W., Montgomery, Ala. Combination aspirator tip. 2,449,497, Sept. 14.

Meade, Reginald E.: *See*—
Pollard, Henry L., Rodgers, and Meade.
Rodgers, Nelson E., Pollard, and Meade.

Mears, William T.: *See*—
Falge, Robert N., and Mears.

Meisenheimer, Allen H., Jr.: *See*—
Dryer, Eldon O., and Meisenheimer, Jr.

Mellichampe, Lawton B., Washington, D. C. Child's toilet seat. 2,449,498, Sept. 14.

Mersereau, Everard C., Staten Island, N. Y., assignor to The Elicon Company. Hand strap. 2,449,307, Sept. 14.

Metropolitan Mechanical Display Company: *See*—
Erisman, Adolph C.

Meyer, Hans, Richmond, England. Wearing apparel having permanent creases therein. 2,449,534, Sept. 14.

Michigan Carton Company, assignee: *See*—
Barnes, Wilbur L., and Harrison.

Miescher, Karl, and W. Klarer, Riehen, Switzerland, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Imidasolines. 2,449,241, Sept. 14.

Milburn, Sidney R., Mountain View, N. J., assignor to United States Rubber Company, New York, N. Y. Device for demonstrating the action of the front wheels of automobiles. 2,449,499, Sept. 14.

Millard, Everett L., Highland Park, Ill. Ski binding. 2,449,242, Sept. 14.

Miller, Edward A.: *See*—
Gillett, William, and Miller.

Miller, Paul B., Los Angeles, assignor to Pacific Pumps, Inc., Huntington Park, Calif. Self-aligning pump flange. 2,449,243, Sept. 14.

Miller, Robert J., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Treatment of acid tars. 2,449,404, Sept. 14.

Mills, George A.: *See*—
Bond, George R., Jr., and Mills.

Miner, W. H., Inc., assignee: *See*—
Olander, Roland J.

Minnesota Mining & Manufacturing Company, assignee: *See*—
Anderson, Arthur A.

Minnium, Byron B., assignor to Erie Resistor Corporation, Erie, Pa. High voltage condenser. 2,449,308, Sept. 14.

Moeller, George L., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Manufacturing commutators. 2,449,309, Sept. 14.

Monitor Process Corporation, assignee: *See*—
Hopwood, John A.

Monsanto Chemical Company, assignee: *See*—
Smith, Franklin D.
Walter, Henry A.

Mordan, Joseph R., Alden, N. Y. Air propelled top. 2,449,405, Sept. 14.

Moreau, Eduardo E., Buenos Aires, Argentina. Integrator. 2,449,310, Sept. 14.

Morehouse, Neal F.: *See*—
Mayfield, Orley J., Morehouse, and Walde.

Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, Calif. Alkenyl sulfolanyl and sulfolenyl carbonates. 2,449,173, Sept. 14.

Mortimer, Frank J., Blue Point, assignor to Justus Roe & Sons, Patchogue, N. Y. Measuring tape reel housing construction. 2,449,406, Sept. 14.

Mueller, Fritz W. H., and A. Bayley, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Thioindoxyl couplers for color photography. 2,449,244, Sept. 14.

Muir, George A., New York, N. Y. Method of and apparatus for setting self-synchronous machines on zero. 2,449,083, Sept. 14.

Mulholland, David E., Fort Myers, Fla., assignor to W. S. Mulholland, Reading, Pa. Apparatus for forming grinding wheels. 2,449,407, Sept. 14.

Mulholland, Walter S., assignee: *See*—
Mulholland, David E.

Murphy, Philip H., Helena, Mont. Land vehicle, adapted for fire suppression. 2,449,311, Sept. 14.

Murray, D. J., Manufacturing Co., assignee: *See*—
Rosmait, John A.

Murray, George W., Pleasantville, and C. D. Thayer, Jackson Heights, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Block greases. 2,449,312, Sept. 14.

Murray, Peter R., Dayton, Ohio. Remote control system for aircraft landing gear and landing flaps. 2,449,084, Sept. 14.

Naab, Julius, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Compressor. 2,449,408, Sept. 14.

Naef, Alfred H., Chatham, assignor to The Daven Company, Newark, N. J. Ground connecting device. 2,449,313, Sept. 13.

National Bread Wrapping Machine Co., assignee: *See*—
Hoppe, William.

National Sherardizing and Machine Company, assignee: *See*—
Johnson, John E.

Navy, United States of America as represented by the Secretary of the, assignee: *See*—
Speck, John C., Jr.

Nelson, John J., assignor of one-half to T. J. Rozar, Birmingham, Ala. Air hose connection. 2,449,245, Sept. 14.

Nissen, Warren I., Newark, N. J. Cigar lighter. 2,449,314, Sept. 14.

Nordmark, Walter E., assignor to American Seating Company, Grand Rapids, Mich. Chair seat. 2,449,500, Sept. 14.

Norgauer, John W.: *See*—
Craig, Ralph P., and Norgauer.

Norton Company, assignee: *See*—
Coes, Loring, Jr.

O'Brien, William J., Los Angeles, Calif., assignor to The Decca Record Company, Limited, London, England. Antenna supply phase and amplitude control. 2,449,174, Sept. 14.

O'Brien, William J., London, assignor to The Decca Record Company, Limited, London, S. W. 9, England. Radio direction finder. 2,449,175, Sept. 14.

Oertle, Lawrence C., assignor to La Ray Engineering and Equipment Co., Inc., Milwaukee, Wis. Gantry. 2,449,501, Sept. 14.

Ohio Crankshaft Company, The, assignee: *See*—
Somes, Howard E.

Okonite-Callender Cable Company, Incorporated, assignee: *See*—
Bennett, Charles E., and White.

Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Car-end platform buffing mechanism. 2,449,135, Sept. 14.

Osborn Manufacturing Company, The, assignee: *See*—
Abbrecht, Herman R.
Benyak, John B.

Pacific Pumps, Inc., assignee: *See*—
Miller, Paul B.

Package Machinery Company, assignee: *See*—
Smith, Elmer L.

Page, Herbert E., Alhambra, Calif. Ironing machine. 2,449,246, Sept. 14.

Partin, Albert, Portales, N. Mex. Adjustable draw bar for trailer couplings. 2,449,315, Sept. 14.

Pascoe, Frank T., Carnegie, and A. L. Jerome, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Recall control means. 2,449,176, Sept. 14.

Pateras, Pescara R., assignee et al: *See*—
Huber, Robert.

Pattison, Herbert J., assignor to Briggs Manufacturing Company, Detroit, Mich. Making molds. 2,449,136, Sept. 14.

Paucek, Andrew J., Flushing, N. Y., assignor to Burndy Engineering Company, Inc. Forming tubular structures. 2,449,247, Sept. 14.

Penney, James H., Buffalo, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fan-cooled motor. 2,449,502, Sept. 14.

Pennow, Willis A., and E. W. Yungman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shutter. 2,449,503, Sept. 14.

Pennsylvania Railroad Company, The, assignee: *See*—
Liebegott, George H.

Perry, Leslie K., Los Angeles, Calif. Tilt-actuated switch. 2,449,177, Sept. 14.

Petersen, Robert W., San Bernardino, Calif. Fuel injector control dial gauge. 2,449,137, Sept. 14.

Peterson, Raymond A., assignor, by mesne assignments, to United Geophysical Company, Inc., Pasadena, Calif. Submersible seismometer system. 2,449,085, Sept. 14.

Petschauer, Beryl B., Oakland, Calif. Coiffure for dolls. 2,449,248, Sept. 14.

Pettersen, Wilber E., Akron, assignor, by mesne assignments, to Coleman-Pettersen Corporation, Cleveland, Ohio. Bending machine with pivoted bender carrying a work supporting arm. 2,449,409, Sept. 14.

Pfleumer, Hans, New Brunswick, N. J. Canning jar. 2,449,316, Sept. 14.

Philco Corporation, assignee: *See*—
Rundell, Theodore W.

Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Rotatable electrical connection. 2,449,138, Sept. 14.

Phillips Petroleum Company, assignee: *See*—
Thodos, George, and Weinaug.

Pieslak, Joseph W., and R. E. Crane, Kittanning, Pa. Method of and molds for casting vitreous water closet bowls. 2,449,249, Sept. 14.

Pine, Paul R., Middleburgh Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Anode. 2,449,504, Sept. 14.

Pitman, Earle C., Red Bank, N. J., assignor to Compo Shoe Machinery Corporation, Boston, Mass. Electrostatic pressing apparatus. 2,449,317, Sept. 14.

Pitman, Earle C., Red Bank, N. J., and E. L. Crandell, Wellesley, assignors to Compo Shoe Machinery Corporation, Boston, Mass. Electrostatic ironing apparatus. 2,449,318, Sept. 14.

Pityo, Albert F., Clifton, H. Butterfield, Maplewood, and S. W. Warner, assignors to Tweezer-Weld Corporation, Newark, N. J. Machine for producing cathode sleeves for thermionic valves. 2,449,505, Sept. 14.

Polak, Emil, Woodside, Long Island, N. Y. Bookmark. 2,449,319, Sept. 14.

Polinsky, John, Cleveland, Ohio. Protective device for horses' legs. 2,449,410, Sept. 14.

Pollard, Ernest I., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pole tip structure for salient pole synchronous machines. 2,449,506, Sept. 14.

Pollard, Henry L.: *See*—
Rodgers, Nelson E., Pollard, and Meade.

Pollard, Henry L., N. E. Rodgers, and R. E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Enhancing the yield of vitamins in fermentations. 2,449,140, Sept. 14.

Pollard, Henry L., N. E. Rodgers, and R. E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Production of riboflavin by fermentation processes. 2,449,141, Sept. 14.

Pollard, Henry L., N. E. Rodgers, and R. E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Improving the yield of riboflavin in fermentation processes. 2,449,142, Sept. 14.

Pollard, Henry L., N. E. Rodgers, and R. E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Fermentation method for preparing a vitamin concentrate. 2,449,143, Sept. 14.

Pope, Alfred, Penn Fields, Wolverhampton, assignor to Joshua Bigwood & Son Limited, Wolverhampton, England. Stretching machine for uncoiling, flattening, and coiling metal strip. 2,449,507, Sept. 14.

Porcelain Metals Corporation, assignee: *See*—
Richterkessing, Frank H.

Posner, Kurt, London, England, now by change of name J. K. Power. Apparatus for manufacturing and filling capsules. 2,449,139, Sept. 14.

Power, John K.: *See*—
Posner, Kurt.

Prakke, Frits: *See*—
Fennema, Pieter H., Kronouer, and Prakke.

Price, Osborne L., Frederick, Md. Electric relay. 2,449,086, Sept. 14.

Radio Corporation of America, assignee: *See*—
Hershberger, William D.
Kirkwood, Loren R., and Holst.
Lindenblad, Nils E.
Sands, William F.
Sonthelmer, Carl G.
Szikiai, George C.
Zappacosta, Amedeo D.

Raimondi, Gaetano, New York, N. Y. Land and water vehicle. 2,449,320, Sept. 14.

Rapaport, Gustav H., Kansas City, Mo. Preparing synthetic spice. 2,449,411, Sept. 14.

Rathenau, Gerhard, A. A. Kruithof, and J. A. Hartveld, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Tuning indicator for indicating resonance of an electric circuit. 2,449,412, Sept. 14.

Rayon, Andrew, Sulphur, La. Shoe shank grooving machine. 2,449,321, Sept. 14.

Raytheon Manufacturing Company, assignee: *See*—
Spencer, Percy L.

Reconstruction Finance Corporation, assignee: *See*—
Castle, James B.
Seelig, Richard P.

Republic Flow Meters Company, assignee: *See*—
Graham, Erwin W.

Reynolds, Charles L., Georgetown, Del. Dispensing apparatus for strip material. 2,449,508, Sept. 14.

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Sensitive direct-current measuring apparatus. 2,449,413, Sept. 14.

Richards, Sidney H., Portland, Maine. Nonskid device for crutches and the like. 2,449,509, Sept. 14.

Richardson, Isaac F., Gallatin, Tenn. Compound for fishing bait. 2,449,322, Sept. 14.

Richter, Karl C., West Springfield, Mass. Lamp and a support therefor. 2,449,250, Sept. 14.

Richterkessing, Frank H., assignor to Porcelain Metals Corporation of Kentucky, Louisville, Ky. Sheet-metal receptor. 2,449,323, Sept. 14.

Rippelle, Earl F.: *See*—
Van Degrift, Thomas C., Zmuda, and Riopelle.

Robertshaw-Fulton Controls Company, assignee: *See*—
Unger, Max S.

Robertson, Billy P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lubricants. 2,449,510, Sept. 14.

Robinson, Clifford C., Sioux City, Iowa. Wrist-attached article carrier. 2,449,324, Sept. 14.

Rodgers, Nelson E.: *See*—
Pollard, Henry L., Rodgers, and Meade.

Rodgers, Nelson E., H. L. Pollard, and R. E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Preparing a vitamin concentrate. 2,449,144, Sept. 14.

Rogers, James F., Rocky River, Ohio. Lighter. 2,449,414, Sept. 14.

Rogoff, Julian, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc. Separable connector. 2,449,251, Sept. 14.

Roofing Machinery Mfg. Company, assignee: *See*—
Knoble, Jack R.

Rosmait, John A., Appleton, assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Valve. 2,449,145, Sept. 14.

Ross, Clark F., assignee: *See*—
Sneckner, Harold A.

Rothweiler, Charles O., Milwaukee, Wis. Profiling device. 2,449,252, Sept. 14.

Rozar, T. J., assignee: *See*—
Nelson, John J.

Rudd, Wallace C., Larchmont, and R. J. Stanton, Brooklyn, assignors to Induction Heating Corp., New York, N. Y. Induction heating of rotatable blade assemblies and the like. 2,449,325, Sept. 14.

Ruggles-Klingemann Mfg. Co., assignee: *See*—
Kimball, James L., and Earley.

Rundell, Theodore W., Abington, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet construction. 2,449,415, Sept. 14.

Russell, William J., New Britain, Conn., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Container for bombs. 2,449,511, Sept. 14.

Ryan, Clarence N., Washington, D. C. Auto wrecking crane. 2,449,146, Sept. 14.

Salomon, Francois M. M. B., Paris, France. Oscillation reducing device. 2,449,087, Sept. 14.

Salsbury's, Dr., Laboratories, assignee: *See*—
Mayfield, Orley J., Morehouse, and Walde.

Samuels, Lloyd W., Allentown, Pa. Toy. 2,449,147, Sept. 14.

Sands, William F., West Collingswood, N. J., assignor to Radio Corporation of America. Permeability tuned image attenuation circuits. 2,449,148, Sept. 14.

Sansbury, George L., assignor to Collins Radio Company, Cedar Rapids, Iowa. Step-by-step automatic tuning control. 2,449,178, Sept. 14.

Santoro, Ovid, Bloomfield, and E. Jaskot, Passaic, N. J., assignors to Celanese Corporation of America. Plasticized and stabilized cellulose compound and making it. 2,449,149, Sept. 14.

Sargent, Edmund L., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of hollow gel spheroids. 2,449,253, Sept. 14.

Schaefer, Frederick, North Plainfield, N. J. Safety guard-rail. 2,449,326, Sept. 14.

Scharping, Otto W., assignor to The Martindale Electric Company, Cleveland, Ohio. Milling machine. 2,449,179, Sept. 14.

Scheer, Herman: *See*—
Held, Joseph, and Scheer.

Scheuer, Clemens, Forest Hills, N. Y. Apparatus for making hollow plastic articles. 2,449,512, Sept. 14.

Schiffrin, Moses J., Laurelton, N. Y. Artificial fur fabric. 2,449,416, Sept. 14.

Schlenker, Max E.: *See*—
MacLean, John B., and Schlenker.

Schlitters, Michael J., Grosse Pointe Park, Mich. Slide assembly for machine tools. 2,449,327, Sept. 14.

Schmidt, George C., assignor, by mesne assignments, of one-half to L. R. Schmidt, and one-half to R. G. Schmidt, Pittsburgh, Pa. Soap feeder. 2,449,513, Sept. 14.

Schmidt, Lois R., assignee, et al.: *See*—
Schmidt, George C.

Schmidt, Robert G., assignee, et al.: *See*—
Schmidt, George C.

Schnoll, Nathan, Palisade, N. J. Portable indicator device for ordinary two prong plugs. 2,449,150, Sept. 14.

Scholl, William M., Chicago, Ill. Locating and positioning foot corrective appliances. 2,449,535, Sept. 14.

Schroeder, Herman E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of phenol-rubber and resorcinol-formaldehyde. 2,449,180, Sept. 14.

Schultz, Arthur B., Wilmington, Del., assignor to All American Aviation, Inc. Buoyant ground station. 2,449,417, Sept. 14.

Schweiter, Walter, Horgen, Switzerland, assignor to Maschinenfabrik Schweiter A. G. Automatic winder. 2,449,328, Sept. 14.

Sciascia, Mathew: *See*—
Farber, Eduard, and Sciascia.

Scoville, Warren E., Jr., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Oil well packer. 2,449,514, Sept. 14.

Sebell, Harry, Wilmington, assignor to Bell Products Corporation, Boston, Mass. Apparatus for plating sheet metal. 2,449,329, Sept. 14.

Sebring, Frank E.: *See*—
Bober, Walter F., and Sebring.

Sedgwick Machine Works, Inc., assignee: *See*—
Henricksen, Bjarne.

Seeger-Sunbeam Corporation, assignee: *See*—
Hursey, Willis E., and Strunk.

Seelig, Richard P., Long Island, assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Forming parts from powdered metal. 2,449,515, Sept. 14.

Seymour, Malcolm, Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cement sole attaching apparatus. 2,449,151, Sept. 14.

Shakespeare, Henry G., and W. R. Gerry, assignors to Shakespeare Products Company, Kalamazoo, Mich. Control mechanism. 2,449,516, Sept. 14.

Shakespeare Products Company, assignee: *See*—
Shakespeare, Henry G., and Gerry.

Sharkey, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubbery diolefin polymers containing processing aids. 2,449,418, Sept. 14.

Shatkin, Aaron, Matawan, N. J. Safety latch. 2,449,419, Sept. 14.

Shaw, Alfred, Chicago, Ill. Roof structure. 2,449,330, Sept. 14.

Shell Development Company, assignee: *See*—
Fairbairn, Alasdair W.
Gutzeit, Carlos L.
Vaughan, William E., and F. F. Rust.

Shoda, Walter, St. Albans, N. Y. Sectional post lock for loose-leaf binders. 2,449,331, Sept. 14.

Shokal, Edward C.: *See*—
Morris, Rupert C., and Shokal.

Signaigo, Frank K., Brandywine Hundred, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. S-(amidomethyl)-dimercaptopropanols. 2,449,332, Sept. 14.

Simplex Piston Ring Mfg. Company, assignee: *See*—
Ferguson, Frederick G., and Thompson.

Skriver, George J.: *See*—
Allen, Harry L., and Skriver.

Sleegers, Paulus A. W. M., Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Electrode system. 2,449,420, Sept. 14.

Slemmons, Charles O., Akron, and R. W. Smith, Copley, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Track for vehicles. 2,449,421, Sept. 14.

Sly, Le Roy W., Kyburz, Calif. Tricycle. 2,449,254, Sept. 14.

Small, Edward F., Newton, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Apparatus for attaching heels to shoes. 2,449,333, Sept. 14.

Smiley, John R., Kansas City, Mo. Nonremovable transparent identification band with a tag therein. 2,449,181, Sept. 14.

Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Packaging. 2,449,334, Sept. 14.

Smith, Franklin D., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Octa-chloro-biphenyl quinone. 2,449,088, Sept. 14.

Smith, Herbert O.: *See*—
Goldthwait, Charles F., and Smith.

Smith, Leslie N., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition of nickel. 2,449,422, Sept. 14.

Smith, Norman H.: *See*—
Bradley, John S., and Smith.

Smith, Robert W.: *See*—
Slemmons, Charles C., and Smith.

Sneckner, Harold A., assignor to Clark F. Ross, Richmond Heights, Mo. Work-holding device. 2,449,255, Sept. 14.

Snook, Harry N.: *See*—
Hegeman, Andrew S., Jr., and Snook.

Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., assignee, et al.: *See*—
Huber, Robert.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Abrams, Armand J., Gorin, and Baker.
Murray, George W., and Thayer.
Sargent, Edmund L.

Sodowich, Joe, assignee, et al.: *See*—
Warner, Samuel W.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Heat-treating apparatus. 2,449,089, Sept. 14.

Sonneborn, L., Sons, Inc., assignee: *See*—
Breth, Ferdinand W., and Kinsel.

Sontheimer, Carl G., Haddonfield, N. J., assignor to Radio Corporation of America. Dielectrically tuned wavemeter. 2,449,182, Sept. 14.

Soper, Quentin F.: *See*—
Behrens, Otto K., Jones, and Soper.
Behrens, Otto K., and Soper.

Southern Steel Company, assignee: *See*—
White, Loyd J.

Sowa, Frank J., Cranford, N. J. Hydraulic pressure device and actuating fluid therefor. 2,449,335, Sept. 14.

Speck, John C., Jr., Bloomington, Ind., assignor to the United States of America as represented by the Secretary of the Navy. Separation of monoethanolamine from admixtures by azeotropic distillation with chlorobenzene. 2,449,152, Sept. 14.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Temperature compensated magnetron. 2,449,090, Sept. 14.

Spira, Josef H., New York, N. Y. Bezel dop and grinding device. 2,449,423, Sept. 14.

Spitzwieser, Ferdinand, New York, N .Y. Scooter for winter sports. 2,449,336, Sept. 14.

Stacy, L. David: *See*—
Bell, James R., Stacy, and Dischinger.

Standard Oil Company, The, assignee: *See*—
Darling, Samuel M.
Evering, Bernard L., and Llen.
Wheeler, Harry K., Jr.
Wheeler, Harry K., Jr., and Hengstbeck.

Standard Stoker Company, Incorporated, The, assignee: *See*—
Martin, Eugene.

Starling, Richard G., Harviell, Mo. Machine for testing clutch and brake assemblies. 2,449,091, Sept. 14.

Starr, John H., Mayville, Wis., assignor to John Deere Van Brunt Company. Power lift for grain drills. 2,449,183, Sept. 14.

Stauffer Chemical Company, assignee: *See*—
Belchetz, Arnold.

Steinberg, Robert, Great Neck, N. Y. Work gloves. 2,449,337, Sept. 14.

Stern, Norman R.: *See*—
Hawk, Charles O., Stern, and Hofer.

Stevens, Charles R., Toledo, assignor, by mesne assignments, to Glass Fibers, Inc., Waterville, Ohio. External anode power amplifier and oscillator tube. 2,449,256, Sept. 14.

Stieber, Frank C., Marathon, Wis. Adjustable friction supporting device. 2,449,424, Sept. 14.

Stieger, Philip J., St. Paul, Minn. Garter. 2,449,425, Sept. 14.

Stout, Perry R., Washington, D. C., and W. J. Tull, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Conical scanning error reduction device. 2,449,517, Sept. 14.

Strauss, Carol L., Bangor, Maine. Support for bed lamps. 2,449,426, Sept. 14.

Strean, Lyon P., Montreal, Quebec, Canada, assignor, by mesne assignments, to Ayerst, McKenna & Harrison Limited, New York, N. Y. Oral fluoride-vitamin preparation. 2,449,184, Sept. 14.

Strom, Albert P., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,449,518, Sept. 14.

Strubble, Donald L., Marshall, Mich. Scraping implement. 2,449,092, Sept. 14.

Strunk, Gilbert: *See*—
Hursey, Willis E., and Strunk.

Suggate, Harold G.: *See*—
Kendall, John D., and Suggate.

Summersett, Everett E., Hollywood, Fla. Circuit control means for motor vehicles. 2,449,338, Sept. 14.

Sun Oil Company, assignee: *See*—
Lipkin, Moses R., and Hirschler.

Sutton, Donald E., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Belt tightening and tracking device. 2,449,519, Sept. 14.

Sylvania Electric Products, Inc., assignee: *See*—
Allphin, Willard J.
Clapp, Richard H.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Cathode-ray tube. 2,449,339, Sept. 14.

Talley, Florence B.: *See*—
McGovran, Edward R., Mayer, and Talley.

Tanner, Fred W., Jr., and J. M. Van Lanen, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Vitamin B-complex concentrate. 2,449,340, Sept. 14.

Tardif, Gerard E., Quebec, Quebec, Canada. Plotting aircraft navigation computer. 2,449,342, Sept. 14.

Textile Machine Works, assignee: *See*—
Held, Joseph, and Scheer.

Thayer, Chester D.: *See*—
Murray, George W., and Thayer.

Thodos, George, and C. F. Weinaug, Borger, Tex., assignors to Phillips Petroleum Company. Foam prevention in extractive distillation of hydrocarbons with furfural solvent. 2,449,427, Sept. 14.

Thomas, James H.: *See*—
Burns, Henry L., and Thomas.

Thompson, Ralph C.: *See*—
Ferguson, Frederick G., and Thompson.

Thompson, Wesley, assignee: *See*—
Young, David S.

Timber Engineering Company, assignee: *See*—
Farber, Eduard, and Sciascia.

Timmons, Amleal A., assignor of ninety-eight per cent to W. Timmons, McKinney, Tex. Die assembly and rubber insert for flanging sheet metal. 2,449,428, Sept. 14.

Timmons, Wayde, assignee: *See*—
Timmons, Amleal A.

Torbensen, Gertrude S., assignee: *See*—
Torbensen, Viggo V.

Torbensen, Viggo V., assignor to G. S. Torbensen, Cleveland, Ohio. Refrigeration apparatus. 2,449,343, Sept. 14.

Transon, Robert L., Oakland, Calif., assignor of one-half to E. C. Hanks. Carbon holder. 2,449,341, Sept. 14.

Traylor Engineering & Manufacturing Company, assignee: *See*—
Bernhard, Richard.

Trumbull Electric Manufacturing Company, The, assignee: *See*—
Hammerly, Herman J.

Tschumi, Otto, assignor to Autophone Aktiengesellschaft, Soleure, Switzerland. Device for conference calls in subscribers' devices for loud and faintly audible traffic. 2,449,344, Sept. 14.

Tucker, Warren R., Dayton, Ohio, assignor to The H-P-M Development Corporation. Press for powdered metals. 2,449,257, Sept. 14.

Tull, William J.: *See*—
Stout, Perry R., and Tull.

Tuttle, Orvil S.: *See*—
Dunne, James J., and Tuttle.

Tweezer-Weld Corporation, assignee: *See*—
Pityo, Albert F., Butterfield, and Warner.

Unger, Max S., Greensburg, Pa., assignor to Robertshaw-Fulton Controls Company. Safety control system for fuel burners. 2,449,185, Sept. 14.

Union Switch & Signal Company, The, assignee: *See*—
Pascoe, Frank T., and Jerome.

United Geophysical Company, Inc., assignee: *See*—
Peterson, Raymond A.

United Shoe Machinery Corporation, assignee: *See*—
Jorgensen, Bernhardt.
Knowlton, Cutler D., and Edgar.
Seymour, Malcolm.

United States Plywood Corporation, assignee: *See*—
Dunne, James J., and Tuttle.

United States Rubber Company, assignee: *See*—
Elliott, Daniel R., and Madison.
Hurdis, Everett C.
Milburn, Sidney R.
Scoville, Warren E., Jr.

Urbach, Franz, Rochester, N. Y. Photographic silver bromide emulsion sensitized with cysteine. 2,449,153, Sept. 14.

Vaillancourt, Wilfred J., Fall River, Mass. Bobbin lock. 2,449,258, Sept. 14.

Van Alphen, Pieter M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hardford, Conn., as trustee. Schmidt type optical system with parallel plate refractive element. 2,449,259, Sept. 14.

Van Alphen, Pieter M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Schmidt type optical system with opaque diaphragm. 2,449,345, Sept. 14.

Van Brunt, John Deere, Company, assignee: *See*—
Starr, John H.

Van Degrift, Thomas C., A. W. Zmuda, and E. F. Riopelle, assignors to General Motors Corporation, Detroit, Mich. Balancing machine. 2,449,429, Sept. 14.

Van Lanen, James M.: *See*—
Tanner, Fred W., and Van Lanen.

Vannoy, Wesley G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicate paints. 2,449,346, Sept. 14.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Hydrogen bromide-catalyzed oxidation of organic compounds. 2,449,347, Sept. 14.

Vickroy, George S., Johnstown, Pa., assignor to Carnegie-Illinois Steel Corporation. Rail brace. 2,449,260, Sept. 14.

Vitoux, Marcel, assignor to American Vitos Company, Inc., New York, N. Y. Device for mending stockings. 2,449,154, Sept. 14.

Voight, August L., Berea, Ohio. Comb. 2,449,430, Sept. 14.

Volgenau, Robert H., Buffalo, and J. M. Hooe, Ogdensburg, N. Y. Beehive. 2,449,348, Sept. 14.

Walde, Arthur W.: *See*—
Mayfield, Orley J., Moorehouse, and Walde.

Wales, Nathaniel B., assignor, by mesne assignments, to Industrial Patent Corporation, New York, N. Y. Self-opening container. 2,449,186, Sept. 14.

Walker, Brooks, Arlington, Va. Speed and odometer indicating device. 2,449,155, Sept. 14.

Wallin, Rolf: *See*—
Waugh, John A., and Wallin.

Walter, Henry A., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. 3,5-diamino-4-hydro-thiotriazine-1-dioxide resins. 2,449,520, Sept. 14.

Walters, George C., Rocky River, Ohio. Projecting apparatus. 2,449,187, Sept. 14.

War, United States of America as represented by the Secretary of, assignee: *See*—
Bettler, Philip, and Doolittle.
Signaigo, Frank K.
Stout, Perry R., and Tull.
Witherby, Thomas H., and Farnsworth.

Ward, Blenkinsop & Company Limited, assignee: *See*—
Dickenson, Haydn G.

Warner, Samuel W.: *See*—
Pityo, Albert F., Butterfield, and Warner.

Warner, Samuel W., assignor of one-half to H. Bernstein and one-half to J. Sodowich, Newark, N. J. Soldering or welding implement. 2,449,521, Sept. 14.

Watrous, Floyd L., and G. E. Manis, Huntington, Ind. Thermostatically controlled mixing valve. 2,449,261, Sept. 14.

Waugh, John A., and R. Wallin, Charlottesville, Va., assignors to Wauregan Mills, Incorporated, Wauregan, Conn. Device for connecting yarn ends. 2,449,349, Sept. 14.

Wauregan Mills, Incorporated, assignee: *See*—
Waugh, John A., and Wallin.

Weatherhead Company, The, assignee: *See*—
Hufferd, George H., and Lindgren.

Weigel, Daniel M., Detroit, Mich. Valve arrangement for external-combustion engines. 2,449,262, Sept. 14.

Weinaug, Charles F.: *See*—
Thodos, George, and Weinaug.

Weingarten, Joseph, New York, N. Y. Cathode ray tube calibration. 2,449,093, Sept. 14.

Weiss, Eduard, Brunn, Czechoslovakia. Spinning machine. 2,449,431, Sept. 14.

Weller, Clair B., assignor of one-half to D. C. Maddux, Los Angeles, Calif. Ticket marking and attaching machine. 2,449,188, Sept. 14.

Welsford, William M., Melbourne, Victoria, Australia. Machine for manufacturing hair slides, hair pins, or the like. 2,449,263, Sept. 14.

Wertz, Hugh S., trustee, assignee: *See*—
Earle, Guyon L. C.

Western Condensing Company, assignee: *See*—
Pollard, Henry L., Rodgers, and Meade.
Rodgers, Nelson E., Pollard, and Meade.

Western Electric Company, Incorporated, assignee: *See*—
Hegeman, Andrew S., Jr., and Snook.

Westinghouse Electric Corporation, assignee: *See*—
Blackburn, Wayne E.
Cassen, Benedict.
Croco, Charles P., and Blankenbuehler.
Gulliksen, Finn H.
Harris, Walter R.
Houck, James P.
Killian, Orvel G., and Austin.
Lenehan, Bernard E.
Longini, Richard L.
Ludwig, Leon R., Fockler, and Formhals.
Lum, John C.
Penney, James H.
Pennow, Willis A., and Yungman.
Pollard, Ernest I.
Robertson, Billy P.
Russell, William J.
Strom, Albert P.

Weston Electrical Instrument Corporation, assignee: *See*—
Lamb, Anthony H.

Wheeler, Harold E., Chicago, Ill. Evaporator construction. 2,449,004, Sept. 14.

Wheeler, Harry K., Jr., assignor to Standard Oil Company, Chicago, Ill. Power recovery from catalytic conversion systems employing fluidized solids. 2,449,096, Sept. 14.

Wheeler, Harry K., Jr., and R. J. Hengstebeck, assignors to Standard Oil Company, Chicago, Ill. Catalytic conversion systems employing fluidized solids. 2,449,095, Sept. 14.

Wheeler, Jonathan C., Dayton, Ohio. Toy cannon. 2,449,432, Sept. 14.

Wheelock, Juanita K., Pleasant Ridge, Mich. Cabinet having combined slidable top and drawers. 2,449,433, Sept. 14.

White, Albert H., Washington, D. C. Artificial tooth. 2,449,522, Sept. 14.

White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Liquefied gas dispensing system. 2,449,350, Sept. 14.

White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Method of and apparatus for dispensing liquefied petroleum gas. 2,449,351, Sept. 14.

White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Liquefied gas storage and dispensing system. 2,449,352, Sept. 14.

White, Paul V.: *See*—
Bennett, Charles E., and White.

White, Vernon T., assignee, et al.: *See*—
Haight, Clarence R.

Whitman, Lawrence C., Pittsfield, Mass., assignor to General Electric Company. Combination coil support and spacer. 2,449,434, Sept. 14.

Whitmore, Robert E., Keokuk, Iowa. Door latch. 2,449,353, Sept. 14.

Whittemore, Winthrop C., Port Washington, assignor to The Dentists' Supply Company of New York, New York, N. Y. Form selector for denture prosthesis. 2,449,435, Sept. 14.

Wickman, Axel C., Coventry, England. Machine for grinding toothed gear wheels and the like. 2,449,354, Sept. 14.

Wilcox-Gay Corporation, assignee: *See*—
Gay, Paul S.

Wiley, Ralph M., Midland, and E. V. Dettmer, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Internal two-zone heat control for plastics extruder. 2,449,355, Sept. 14.

Wilkinson, Farley J., Homewood, Ill. Storm window. 2,449,264, Sept. 14.

Wilkoff, Howard M., New York, N. Y. Making shielded ignition leads. 2,449,356, Sept. 14.

Williams, Glenn B., Ralston, Nebr. Adjustable conduit for radiator and engine connection. 2,449,265, Sept. 14.

Williamson, Hilding V., assignor to Cardox Corporation, Chicago, Ill. Method and apparatus for preventing explosions. 2,449,436, Sept. 14.

Wilson, George P., Beaver, Pa. Stadium folding chair. 2,449,523, Sept. 14.

Winchester, Clark E., Roanoke, Ind., and H. F. Lathrop, Philadelphia, Pa., assignors to General Electric Company. Superheat control for refrigerating apparatus. 2,449,437, Sept. 14.

Wisegaver, Orton H., Los Angeles, Calif., assignor to Adel Precision Products Corp. Solenoid with plunger. 2,449,438, Sept. 14.

Witherby, Thomas H., Buffalo, N. Y., and H. E. Farnsworth, Providence, R. I., assignors to the United States of America as represented by the Secretary of War. Oscilloscope device. 2,449,524, Sept. 14.

Wittig, Carl H. O., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Adjustable pinion shaft bearing for microscopes. 2,449,156, Sept. 14.

Wittlinger, Leonard M., Linden, assignor to General Motors Corporation, Detroit, Mich. Mercury interrupter. 2,449,439, Sept. 14.

Wolff, Hanns-Heinz, Berlin, Germany; vested in the Attorney General of the United States. Electrical light impulse generator. 2,449,536, Sept. 14.

Woods, Samuel J., Newport, R. I. Foot propelled vehicle. 2,449,266, Sept. 14.

Woodworth, Donald J.: *See*—
Eglinton, George F., and Woodworth.

Woody, Albert L., Homewood, Ill. Engraving machine. 2,449,097, Sept. 14.

Young, David S., Toronto, Ontario, assignor of one-half to W. Thompson, London, Ontario, Canada. Horse tie. 2,449,189, Sept. 14.

Yungman, Elroy W.: *See*—
Pennow, Willis A., and Yungman.

Zachrich, Martin H.: *See*—
Edwards, Geraldine K., and Zachrich.

Zaiger, Louis, Swampscott, Mass. Windshield wiper. 2,449,357, Sept. 14.

Zappacosta, Amedeo D., Havertown, Pa., assignor to Radio Corporation of America. Echo sounding system with sensitivity control. 2,449,358, Sept. 14.

Zmuda, Andrew W.: *See*—
Van Degrift, Thomas C., Zmuda, and Riopelle.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 14TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Flight position and force indicating instrument. A. Z. Bendar. Re. 23,038, Sept. 14.

LIST OF DESIGN INVENTIONS

Bait, Artificial. W. L. Raschke. 151,002, Sept. 14.
Bottle opener and cork remover, Combined. F. Kahlen and P. P. Jordan. 150,957, Sept. 14.
Bowl for stock, Water. V. R. Berg. 150,917, Sept. 14.
Bracelet or similar article. A. Katz. 150,959, Sept. 14.
Bracelet or similar article. A. Katz. 150,982–3, Sept. 14.
Brooch or similar article. A. Katz. 150,960, Sept. 14.
Brooch or similar article. A. Katz. 150,962–75, Sept. 14.
Brooch or similar article. A. Katz. 150,977–8, Sept. 14.
Brooch or similar article. A. Katz. 150,981, Sept. 14.
Brooch or similar article. A. Katz. 150,985, Sept. 14.
Cabinet for sound receiving and transmitting apparatus. F. L. Meagher. 150,998, Sept. 14.
Cabinet, Sewing. E. J. Spence. 151,013, Sept. 14.
Cap. W. E. Schuessler. 151,010–11, Sept. 14.
Carrier, Golf bag. C. T. Rycraft. 151,008, Sept. 14.
Claw, Milking machine. E. Rawson. 151,003, Sept. 14.
Clip or similar article. A. Katz. 150,976, Sept. 14.
Clock and supporting easel therefor, Combined. S. J. Kaufman. 150,987, Sept. 14.
Coat. H. Goldberg. 150,945, Sept. 14.
Cradle. F. E. Kabase. 150,956, Sept. 14.
Dishwashing appliance. L. L. Anderson and R. F. Hefferan. 150,915, Sept. 14.
Dispensing machine, Beverage. L. Arnett. 150,916, Sept. 14.
Display stand unit, Sectional. N. S. Irwin. 150,954, Sept. 14.
Earring or similar article. M. Chernow. 150,927–32, Sept. 14.
Earring or similar article. A. Katz. 150,979–80, Sept. 14.
Earring or similar article. A. Katz. 150,984, Sept. 14.
Earring or similar article. A. Katz. 150,986, Sept. 14.
Fan, Electric. E. W. Fruit. 150,938, Sept. 14.
Faucet attachment. C. E. Lehman. 150,996, Sept. 14.
Fish lure. A. C. Kinard. 150,988, Sept. 14.
Fishing rod handle and reel, Combined. C. E. Hill. 150,951, Sept. 14.
Fixture, Lamp. I. I. Gotliffe. 150,946, Sept. 14.
Fixture, Lamp. F. Schwartz. 151,012, Sept. 14.
Fixture, Tube lamp. A. O. Boutelle and R. C. Kuder. 150,923, Sept. 14.
Food chopper and grinder. H. J. Kline. 150,989, Sept. 14.
Fruit reamer and strainer, Combined. C. G. Krieger. 150,990, Sept. 14.
Handle for cookstove oven doors. M. Ferar. 150,937, Sept. 14.
Handle or similar article for an automotive vehicle, Outside door. H. D. Lanve. 150,994, Sept. 14.
Hanger, Drapery. W. F. Binsack. 150,921, Sept. 14.
Hat. E. Sawtell. 151,009, Sept. 14.
Heater. F. D. Hart. 150,949–50, Sept. 14.
Heater, Portable electric. H. L. Stiles. 151,015, Sept. 14.
Housing for a space heater. H. J. Clark. 150,933, Sept. 14.
Housing, Leash reel. M. R. Grandon. 150,947, Sept. 14.
Jacket. H. Goldberg. 150,941–4, Sept. 14.
Kit, Dental supply. K. G. Van Dyk. 151,020, Sept. 14.
Lamp or the like, Desk. H. L. Goebel. 150,940, Sept. 14.
Laundry machine. F. W. Perl. 151,001, Sept. 14.
Lectern. A. T. Long. 150,997, Sept. 14.
Machine, Meat cutting. E. C. Steiner. 151,014, Sept. 14.
Mincer, Food. M. A. Besozzi. 150,920, Sept. 14.
Mophead unit, Combination. P. S. and T. S. Vosbikian. 151,021, Sept. 14.
Necklace or similar article. A. Katz. 150,961, Sept. 14.
Orange juicer and liquifying unit, Combination. B. Cooper, A. F. Hohmann, and A. Bach. 150,936, Sept. 14.
Organ, Electric. P. M. Fuller. 150,939, Sept. 14.
Ornament or similar article, Lapel. A. Bernecker. 150,918–19, Sept. 14.
Play suit. M. F. Laszlo. 150,993, Sept. 14.
Pulsator, Milking machine. E. Rawson. 151,004, Sept. 14.
Pump, Well. E. E. Theis. 151,019, Sept. 14.
Piano, Miniature. H. B. Rhodes. 151,005, Sept. 14.
Radio cabinet. R. D. Budlong. 150,925, Sept. 14.
Radio cabinet, clock, and lamp, Combined. A. C. Black. 150,922, Sept. 14.
Receptacle, Toilet roll. J. N. Wood. 151,023, Sept. 14.
Ring or similar article. A. Hoeckele. 150,952, Sept. 14.
Rocking horse. C. O. Leftwich. 150,995, Sept. 14.
Saw, Meat. E. C. Karp. 150,958, Sept. 14.
Sharpener, Knife. E. E. Jacobs. 150,955, Sept. 14.
Shield unit. Baseboard radiator. H. J. Weber and D. F. Bennett. 151,022, Sept. 14.
Spray gun, Heat fusible material. H. S. Ingham. 150,953, Sept. 14.
Sprinkler, Lawn. C. L. Russell. 151,007, Sept. 14.
Suit. S. Cohen. 150,934–5, Sept. 14.
Suit. J. F. Strassner. 151,016–18, Sept. 14.
Sun spectacles. R. L. Bright. 150,924, Sept. 14.
Swim suit. M. F. Laszlo. 150,992, Sept. 14.
Swim suit, Two-piece. M. F. Laszlo. 150,991, Sept. 14.
Table, Drop-leaf extension. C. E. Millspaugh. 151,000, Sept. 14.
Temple for spectacles or similar article, Nonmetallic. J. E. Hansen. 150,948, Sept. 14.
Transport airplane. V. J. Burnelli. 150,926, Sept. 14.
Vehicle, Motor. G. Miller and M. Sinderman. 150,999, Sept. 14.
Vehicle cab, Motor power. E. Rossner. 151,006, Sept. 14.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 14TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acid chromable monoazo dyestuffs and a process of making same. A. Krebser and W. Kuster. 2,449,130, Sept. 14.
Acid tars, Treatment of. R. J. Miller. 2,449,404, Sept. 14.
Adapter for spot welding machines. E. Crabtree. 2,449,455, Sept. 14.
Adjustable support. E. A. Black. 2,449,049, Sept. 14.
Agricultural machine. E. B. Dewey. 2,449,062, Sept. 14.
Airborne anesthetizing apparatus. J. A. Heidbrink. 2,449,165, Sept. 14.
Air propelled top. J. R. Mordan. 2,449,405, Sept. 14.
Alarm system, Supervisory electrical. A. H. Lamb. 2,449,304, Sept. 14.
Alkenyl sulfolanyl and sulfolenyl carbonates. R. C. Morris and E. C. Shokal. 2,449,173, Sept. 14.
Alpha,alpha-dialkyl beta-chloro-propionic acids, The preparation of. T. A. Ford. 2,449,163, Sept. 14.
Analysis by fluorescent X-ray excitation. H. Friedman. 2,449,066, Sept. 14.
Anchors for lading retaining bands for open-top railway cars. B. R. Jones. 2,449,300, Sept. 14.
Anode. P. R. Pine. 2,449,504, Sept. 14.
Antenna supply phase and amplitude control. W. J. O'Brien. 2,449,174, Sept. 14.
Antidiabetic substance from pancreas, Extracting. C. L. Lautenschlager and F. Lindner. 2,449,076, Sept. 14.
Apparatus for attaching heels to shoes. E. F. Small. 2,449,333, Sept. 14.
Apparatus for cooling the interiors of containers. H. W. Kleist. 2,449,127, Sept. 14.
Apparatus for forging. W. F. Bober and F. E. Sebring. 2,449,365, Sept. 14.
Apparatus for forming grinding wheels. D. E. Mulholland. 2,449,407, Sept. 14.
Apparatus for making hollow plastic articles. C. Scheuer. 2,449,512, Sept. 14.
Apparatus for manufacturing and filling capsules. K. Posner. 2,449,139, Sept. 14.
Apparatus for plating sheet metal. H. Sebell. 2,449,329, Sept. 14.
Apparatus for protecting inflammable liquids against fire. C. E. Bennett. 2,449,270, Sept. 14.
Apparatus for rolling steel barrel chimes. E. O. Dryer and A. H. Meisenheimer, Jr. 2,449,206, Sept. 14.
Apparatus selectively operable as a press or as a drop hammer. R. J. Lindsey. 2,449,401, Sept. 14.
Application of phosphate protective coatings to nonferrous metals. J. C. Lum. 2,449,495, Sept. 14.
Applicators for liquid medicinal preparations. E. A. H. King. 2,449,125, Sept. 14.
Apron. H. L. Brown. 2,449,448, Sept. 14.
Arc welding control system. C. P. Croco and J. H. Blankenbuehler. 2,449,456, Sept. 14.
Armor, Nonmagnetic. I. R. Kramer. 2,449,075, Sept. 14.
Aromatic hydrocarbons from a hydrocarbon mixture, Separating. M. R. Lipkin and A. E. Hirschler. 2,449,402, Sept. 14.
Aryl esters of tertiary carbamic acid. J. A. Aeschlimann. 2,449,440, Sept. 14.
Aspirator tip, Combination. W. W. McLeod. 2,449,497, Sept. 14.
Automatic adhesive tape dispenser. A. A. Anderson. 2,449,047, Sept. 14.
Automatic hydraulic jack. C. R. Haight. 2,449,296, Sept. 14.
Automatic water valve. E. L. Halverson. 2,449,474, Sept. 14.
Autoregenerative catalysts, Preparation of. C. L. Gutzeit. 2,449,295, Sept. 14.
Baby chick shipping box. R. R. Harness. 2,449,222, Sept. 14.
Balancing machine. T. C. Van Degrift, A. W. Zmuda, and E. F. Riopelle. 2,449,429, Sept. 14.
Balancing system, Automatic fluid pressure. F. W. Hoffer. 2,449,297, Sept. 14.
Band, Adjustable flexible. N. Bisso. 2,449,273, Sept. 14.
Bag: *See*—
  Tire curing bag.
  Vacuum cleaner bag.
Beam-splitting prism, Polarizing. M. M. Flood. 2,449,287, Sept. 14.
Beehive. R. H. Volgenau and J. M. Hooe. 2,449,348, Sept. 14.
Belt tightening and tracking device. D. E. Sutton. 2,449,519, Sept. 14.
Bending machine with pivoted bender carrying a work supporting arm. W. E. Pettersen. 2,449,409, Sept. 14.
Bezel dop and grinding device. J. H. Spira. 2,449,423, Sept. 14.
Block: *See*—
  Glass building block.
Blocking voltage in current converter valves, Influencing the. U. Lamm. 2,449,396, Sept. 14.
Board pry. E. L. Krieg. 2,449,393, Sept. 14.
Bobbin lock. W. J. Vaillancourt. 2,449,258, Sept. 14.
Bookmark. J. H. Forsyth. 2,449,211, Sept. 14.
Bookmark. E. Polak. 2,449,319, Sept. 14.
Bottle cap. P. Gavriles. 2,449,290, Sept. 14.
Bottle capper. R. P. Craig and J. W. Norgauer. 2,449,161, Sept. 14.
Box: *See*—
  Baby chick shipping box.
Brace, Rail. G. S. Vickroy. 2,449,260, Sept. 14.
Bracket: *See*—
  Holddown bracket.
Brake or the like frictionally engageable structure. W. H. Hunter. 2,449,383, Sept. 14.
Braking device for electric motors. B. M. Hayman. 2,449,223, Sept. 14.
Buffing mechanism, Car-end platform. R. J. Olander. 2,449,135, Sept. 14.
Building structure. W. Gillett and E. A. Miller. 2,449,292, Sept. 14.
Bullet loosening improvements in cartridge disassembling machines. F. E. Costello. 2,449,059, Sept. 14.
Buoyant ground station. A. B. Schultz. 2,449,417, Sept. 14.
Cabinet: *See*—
  Multiple unit freezer cabinet.
Cabinet construction, Refrigerator. T. W. Rundell. 2,449,415, Sept. 14.
Cabinet having combined slidable top and drawers. J. K. Wheelock. 2,449,433, Sept. 14.
Cap: *See*—
  Bottle cap.
Carbon holder. R. L. Transon. 2,449,341, Sept. 14.
Carbon monoxide and hydrogen from methane, Manufacture of. A. J. Abrams, M. H. Gorin, and C. O. Baker. 2,449,359, Sept. 14.
Carrier: *See*—
  Wrist-attached article carrier.
Catalyst for the synthesis of hydrocarbons. C. O. Hawk, N. R. Stern, and L. J. E. Hofer 2,449,071, Sept. 14.
Catalytic conversion of hydrocarbons with a cerium phosphate catalyst. G. R. Bond, Jr., and G. A. Mills. 2,449,050, Sept. 14.
Catalytic conversion systems employing fluidized solids. H. K. Wheeler, Jr., and R. J. Hengstebeck. 2,449,095, Sept. 14.
Cathead. O. M. Gahagan. 2,449,376, Sept. 14.
Cathode-ray tube. G. C. Sziklai. 2,449,339, Sept. 14.
Chair: *See*—
  Stadium folding chair.
Chair seat. W. E. Nordmark. 2,449,500, Sept. 14.
Chemical reactivity and adsorptive capacity of lignin from wood saccharification, Improving. E. Farber and M. Sciascia. 2,449,209, Sept. 14.
Child's toilet seat. L. B. Mellichampe. 2,449,498, Sept. 14.
Churn support. A. H. Boileau. 2,449,446, Sept. 14.
Circuit: *See*—
  Tuning indicator for indicating resonance of an electric circuit.
  Wattmeter circuit.
Circuit breaker. E. Eichenberger. 2,449,208, Sept. 14.
Circuit breaker. O. G. Killian and B. O. Austin. 2,449,486, Sept. 14.
Circuit control means for motor vehicles. E. E. Summerset. 2,449,338, Sept. 14.
Circuit interrupter. A. P. Strom. 2,449,518, Sept. 14.
Circuit protector. L. H. Lamont. 2,449,236, Sept. 14.
Clamping mechanism. R. L. McBride. 2,449,172, Sept. 14.
Claw, Pickup. J. H. Kroll. 2,449,487, Sept. 14.
Cleaning and buffing machine, Air-bag. J. E. Johnson. 2,449,387, Sept. 14.
Cleaning device, Sponge. F. L. Dalton. 2,449,281, Sept. 14.
Clothesline support. F. J. Hencir. 2,449,379, Sept. 14.
Coal cutting bit and holder therefor. F. L. Fulke. 2,449,288, Sept. 14.
Coating for use in manicuring, Protective. E. Hauser and P. Kovol. 2,449,070, Sept. 14.
Coaxial line connector. J. D. Johannesen. 2,449,073, Sept. 14.

Coiffure for dolls. B. B. Petschauer. 2,449,248, Sept. 14.
Coil support and spacer, Combination. L. C. Whitman. 2,449,434, Sept. 14.
Coloured images by means of aryl hydrazones of glyoxylic acid amide, Forming. J. D. Kendall and H. G. Suggate. 2,449,388, Sept. 14.
Comb. A. L. Voight. 2,449,430, Sept. 14.
Communication system employing pulse code modulation. W. M. Goodall. 2,449,467, Sept. 14.
Commutator apparatus. N. E. Lindenblad. 2,449,078, Sept. 14.
Commutators, Manufacturing. G. L. Moeller. 2,449,309, Sept. 14.
Composition for control of poultry coccidiosis. O. J. Mayfield, N. F. Morehouse, and A. W. Walde. 2,449,080–1, Sept. 14.
Composition of phenol-rubber and resorcinol-formaldehyde. H. E. Schroeder. 2,449,180, Sept. 14.
Compound for fishing bait. I. F. Richardson. 2,449,322, Sept. 14.
Compressor. J. Naab. 2,449,408, Sept. 14.
Condenser: *See*—
High voltage condenser.
Conduit for radiator and engine connection, Adjustable. G. B. Williams. 2,449,265, Sept. 14.
Connecting means for shaker conveyer troughs. L. D. Hagenbook. 2,449,473, Sept. 14.
Connector: *See*—
Coaxial line connector. Separable connector.
Electrical connector.
Container: *See*—
Dispensing container. Self-opening container.
Container for bombs. W. J. Russell. 2,449,511, Sept. 14.
Control fitting for liquefied petroleum gas tanks. J. R. Holicer. 2,449,119, Sept. 14.
Control mechanism. H. G. Shakespeare and W. R. Gerry. 2,449,516, Sept. 14.
Control structure, Selective hydraulic. E. W. Austin. 2,449,269, Sept. 14.
Control system for aircraft landing gear and landing flaps, Remote. P. R. Murray. 2,449,084, Sept. 14.
Control system for airports, Lighting. J. P. Houck. 2,449,480, Sept. 14.
Control systems for synchronous motors. L. Freinkel. 2,449,065, Sept. 14.
Conversion of hydrocarbons in the presence of a catalyst comprising alumina and an oxyfluoride of beryllium, titanium or zirconium. S. M. Darling. 2,449,061, Sept. 14.
Converter, Power. N. E. Lindenblad. 2,449,077, Sept. 14.
Conveyer. L. Cieslak. 2,449,278, Sept. 14.
Conveyer. B. Henricksen. 2,449,117, Sept. 14.
Conveying mechanism. E. Martin. 2,449,240, Sept. 14.
Cooking utensil combination. E. Kolehmainen and H. S. Baird. 2,449,129, Sept. 14.
Cooling system for internal-combustion engines. P. W. Eells. 2,449,110, Sept. 14.
Copolymers of monovinylphenoxthines and preparing the same. R. G. and L. W. Flowers. 2,449,528, Sept. 14.
Copper oxide rectifier. R. H. Clapp. 2,449,453, Sept. 14.
Cord adjusting and storage device. G. W. Eypper. 2,449,464, Sept. 14.
Cord holder. C. P. Krupp. 2,449,235, Sept. 14.
Cotton cordage, Producing. C. F. Goldthwait and H. O. Smith. 2,449,215, Sept. 14.
Coupling: *See*—
Pipe coupling.
Coupling device for use in toy railroads. A. D. Gash, Jr. 2,449,466, Sept. 14.
Coupling means for use with calculating, bookkeeping, or like machines. R. Hofgaard. 2,449,228, Sept. 14.
Cyclic lactones, The production of. H. Dickenson. 2,449,162, Sept. 14.
Deflecting circuits. L. R. Kirkwood and P. F. G. Holst. 2,449,169, Sept. 14.
Deicing system for propeller blades. G. A. Dean. 2,449,457, Sept. 14.
Dental chair unit. C. W. Johnson and J. T. Clark. 2,449,385, Sept. 14.
Design-mold for treating fur. A. L. Foster. 2,449,111, Sept. 14.
Device for conference calls in subscribers' devices for loud and faintly audible traffic. O. Tschumi. 2,449,344, Sept. 14.
Device for connecting yarn ends. J. A. Waugh and R. Wallin. 2,449,349, Sept. 14.
Device for demonstrating the action of the front wheels of automobiles. S. R. Milburn. 2,449,499, Sept. 14.
Device for mending stockings. M. Vitoux. 2,449,154, Sept. 14.
Device for transforming direct current into alternating current or vice versa. P. N. Bendixen. 2,449,048, Sept. 14.
Die assembly and rubber insert for flanging sheet metal. A. A. Timmons. 2,449,428, Sept. 14.
Die casting machine. W. Coulthard. 2,449,280, Sept. 14.
Direct-current measuring apparatus, Sensitive. T. A. Rich. 2,449,413, Sept. 14.
Discharge means for spray driers, Vibrating conical. W. S. Bowen and W. I. McCrum. 2,449,366, Sept. 14.
Dispenser: *See*—
Automatic adhesive tape dispenser.
Dispensing apparatus for strip material. C. L. Reynolds. 2,449,508, Sept. 14.
Dispensing container. W. L. Barnes and J. J. Harrison. 2,449,046, Sept. 14.
Display apparatus. R. A. Lambert. 2,449,530, Sept. 14.
Display device embodying hinged or pivoted members simulating book leaves. A. C. Erisman. 2,449,462, Sept. 14.
Display page for coins and other objects. C. G. Curtis. 2,449,204, Sept. 14.
Distortion in butt-welded plates, Preventing. L. P. McCabe. 2,449,082, Sept. 14.
Door and closure holder. F. Johnson. 2,449,386, Sept. 14.
Door latch. R. E. Whitmore. 2,449,353, Sept. 14.
Draining device, Fluid. H. D. Daigle. 2,449,060, Sept. 14.
Draw bar for trailer couplings, Adjustable. A. Partin. 2,449,315, Sept. 14.
Drier: *See*—
Hair drier.
Drip pan, Flush tank. H. Bodan. 2,449,445, Sept. 14.
Driver, Tap. H. P. Boggis. 2,449,103, Sept. 14.
Driving means for looms. W. H. Bahan. 2,449,157, Sept. 14.
Dynamoelectric machine, Fan-cooled. L. R. Ludwig, T. C. Fockler, W. H. Formhals, and H. T. Walton. 2,449,494, Sept. 14.
Echo sounding system with sensitivity control. A. D. Zappacosta. 2,449,358, Sept. 14.
Electric discharge device. H. F. Fruth. 2,449,113, Sept. 14.
Electric discharge tube base. P. H. Fennema, J. G. Kronouer, and F. Prakke. 2,449,374, Sept. 14.
Electric field or potential indicator. R. Gunn. 2,449,068, Sept. 14.
Electric lamp. W. J. Allphin. 2,449,268, Sept. 14.
Electric relay. O. I. Price. 2,449,086, Sept. 14.
Electric system. H. E. Edgerton. 2,449,063, Sept. 14.
Electrical alarm system. J. J. Kertz. 2,449,168, Sept. 14.
Electrical circuit control. A. S. Hegeman, Jr., and H. N. Snook. 2,449,224, Sept. 14.
Electrical connection. F. J. Mantan. 2,449,496, Sept. 15.
Electrical connection, Rotatable. D. M. Phillips. 2,449,138, Sept. 14.
Electrical connector. V. E. Carlson. 2,449,450, Sept 14.
Electrical contacts. S. D. Hopper and E. H. H. Hassler. 2,449,479, Sept. 14.
Electrical light impulse generator. H. Wolff. 2,449,536, Sept. 14.
Electrical spark gap. R. W. Lamphere. 2,449,397, Sept. 14.
Electrical testing device. F. W. Clayden. 2,449,057, Sept. 14.
Electrode holder. T. S. Donnelly. 2,449,370, Sept. 14.
Electrode system. P. A. W. M. Sleegers. 2,449,420, Sept. 14.
Electrodeposition of nickel. L. N. Smith. 2,449,422, Sept. 14.
Electromagnetically controlled switch. H. J. Hammerly. 2,449,221, Sept. 14.
Eliminator, Flash steam. C. C. Carson. 2,449,055, Sept. 14.
End brush and making. J. B. Benyak. 2,449,158, Sept. 14.
Engraving machine. A. L. Woody. 2,449,097, Sept. 14.
Enhancing the yield of vitamins in fermentations. H. L. Pollard, N. E. Rodgers, and R. E. Meade. 2,449,140, Sept. 14.
Error reduction device, Conical scanning. P. R. Stout and W. J. Tull. 2,449,517, Sept. 14.
Ether ester, Preparation of. R. E. Brooks. 2,449,447, Sept. 14.
Ether esters, Preparation of. W. F. Gresham. 2,449,471, Sept. 14.
Evaporator construction. H. E. Wheeler. 2,449,094, Sept. 14.
Expansible fish hook. F. P. Athans. 2,449,045, Sept. 14.
Explosion-proof lamp. J. R. Bell, L. D. Stacy, and I. E. Dischinger, Jr. 2,449,362, Sept. 14.
External anode power amplifier and oscillator tube. C. R. Stevens. 2,449,256, Sept. 14.
Fan-cooled motor. J. H. Penney. 2,449,502, Sept. 14.
Fastener: *See*—
Head and socket separable safety fastener.
Feathering of propellers responsive to yaw control, Facilitating the. M. Burcham. 2,449,104, Sept. 14.
Feeder: *See*—
Soap feeder.
Feeder means, Blank. G. A. Anderson. 2,449,044, Sept. 14.
Feeding apparatus, Fuel. W. S. Landon. 2,449,237, Sept. 14.
Feeding device having flexible tubular wall, with compound motion for peripheral discharge. E. E. Lakso. 2,449,395, Sept. 14.
Feeding device, Thread. S. J. Ketterer. 2,449,302, Sept. 14.

Fermentation method for preparing a vitamin concentrate. H. L. Pollard, N. E. Rodgers, and R. E. Meade. 2,449,143, Sept. 14.
Film tank. W. W. Boes. 2,449,199, Sept. 14.
Filtration apparatus. C. L. Lightfoot, Jr. 2,449,238, Sept. 14.
Floor mat. J. E. Flaker. 2,449,465, Sept. 14.
Foam prevention in extractive distillation of hydrocarbons with furfural solvent. G. Thodos and C. F. Weinaug. 2,449,427, Sept. 14.
Follow-up servomotor. R. J. Lindsey. 2,449,400, Sept. 14.
Foot propelled vehicle. S. J. Woods. 2,449,266, Sept. 14.
Form selector for denture prosthesis. W. C. Whittemore. 2,449,435, Sept. 14.
Forming parts from powdered metal. R. P. Seelig. 2,449,515, Sept. 14.
Frame: *See*—
Ring spinning frame.
Frame for gauze weaving looms, Needle. M. Banyai. 2,449,100, Sept. 14.
Friction supporting device, Adjustable. F. C. Stieber. 2,449,424, Sept. 14.
Fuel injection device. R. Huber. 2,449,382, Sept. 14.
Fuel injection mechanism. L. E. Johnson. 2,449,120, Sept. 14.
Fuel injection system for internal-combustion engines. L. S. Greenland. 2,449,468, Sept. 14.
Fuel injector control dial gauge. R. W. Petersen. 2,449,137, Sept. 14.
Fur fabric, Artificial. M. J. Schifrin. 2,449,416, Sept. 14.
Fuse, Bomb. J. B. MacLean and M. E. Schlenker. 2,449,170, Sept. 14.
Gantry. L. C. Oertle. 2,449,501, Sept. 14.
Garter. P. J. Stiger. 2,449,425, Sept. 14.
Gas analyzer. C. Johnson. 2,449,485, Sept. 14.
Gas analyzer, Constant flow. V. Guillemin, Jr. 2,449,067, Sept. 14.
Gas dispensing system, Liquefied. L. J. White. 2,449,350, Sept. 14.
Gas storage and dispensing system, Liquefied. L. J. White. 2,449,352, Sept. 14.
Gauge: *See*—
Fuel injector control dial gauge.
Gel spheroids, Preparation of hollow. E. L. Sargent. 2,449,253, Sept. 14.
Generator: *See*—
Electrical light impulse generator.
Glass building block. N. C. Dryden. 2,449,458, Sept. 14.
Glass channel retainer, Automobile door. C. C. Faust. 2,449,210, Sept. 14.
Glass having low power factor. W. H. Amistead. 2,449,099, Sept. 14.
Golf bag stand. D. Matthews. 2,449,171, Sept. 14.
Greases, Block. G. W. Murray and C. D. Thayer. 2,449,312, Sept. 14.
Grinding fixture, Perforator. T. Eckert. 2,449,459, Sept. 14.
Grooving machine, Shoe shank. A. Rayon. 2,449,321, Sept. 14.
Ground connecting device. A. H. Naef. 2,449,313, Sept. 14.
Guardrail, Safety. F. Schaefer. 2,449,326, Sept. 14.
Hair curler, Ringlet. F. Interrante. 2,449,301, Sept. 14.
Hair drier. O. D'Emilio. 2,449,205, Sept. 14.
Halogenated fluoroalkanes, Preparation of highly. P. R. Austin. 2,449,360, Sept. 14.
Hammer, Drop. T. C. Cooke. 2,449,454, Sept. 14.
Hand operated leather punching machine. G. P. Carlock. 2,449,108, Sept. 14.
Head and socket separable safety fastener. L. H. Hopewell. 2,449,167, Sept. 14.
Heads for paper winding reels, Adjustable. L. Leas. 2,449,398, Sept. 14.
Heater: *See*—
Oscillating fan heater.
Hearing aid and heat deflector for hair driers. G. K. Edwards and M. H. Zachrich. 2,449,460, Sept. 14.
Heat control for plastics extruders, Internal two-zone. R. M. Wiley and E. V. Dettmer. 2,449,355, Sept. 14.
Heat exchanger. J. W. Brown, Jr. 2,449,052, Sept. 14.
Heat-treating apparatus. H. E. Somes. 2,449,089, Sept. 14.
Heating apparatus, High-frequency dielectric. B. Cassen. 2,449,451, Sept. 14.
Heel construction, Ski boot. A. Guindon. 2,449,294, Sept. 14.
High-pressure petroleum gas dispensing method and apparatus. J. R. Holicer. 2,449,118, Sept. 14.
High voltage condenser. B. B. Minnium. 2,449,308, Sept. 14.
Holddown bracket. F. J. Burns. 2,449,275, Sept. 14.
Holder: *See*—
Carbon holder. Tube holder.
Cord holder. Window blind and curtain rod holder.
Door and closure holder.
Electrode holder.
Holder for fluorescent lamps. E. R. Kulka. 2,449,394, Sept. 14.
Holder for opaque picture projectors, Object. W. W. Frost. 2,449,112, Sept. 14.
Hook: *See*—
Expansible fish hook.
Horse tie. D. S. Young. 2,449,189, Sept. 14.
Hose connection, Air. J. J. Nelson. 2,449,245, Sept. 14.
Hose, Flexible metal. L. B. Doane and F. B. Bentley. 2,449,369, Sept. 14.
Hosiery protector. F. L. Harriman. 2,449,115, Sept. 14.
Hydraulic actuating mechanism for dump trucks. H. O. Day. 2,449,202, Sept. 14.
Hydrocarbon conversion process. B. L. Evering and A. P. Lien. 2,449,463, Sept. 14.
Hydrogen bromide-catalyzed oxidation of organic compounds. W. E. Vaughan and F. F. Rust. 2,449,347, Sept. 14.
Ignition leads, Making shielded. H. M. Wilkoff. 2,449,356, Sept. 14.
Image attenuation circuits, Permeability tuned. W. F. Sands. 2,449,148, Sept. 14.
Imidazolines. K. Miescher and W. Klarer. 2,449,241, Sept. 14.
Impeller, N. Lee, Jr. 2,449,531, Sept. 14.
Indicator: *See*—
Electric field or potential indicator. Recording apparatus volume level indicator.
Indicator device for ordinary two prong plugs, Portable. N. Schnoll. 2,449,150, Sept. 14.
Indicator system for towed gliders. G. F. Leydorf. 2,449,532, Sept. 14.
Induction heating of rotatable blade assemblies and the like. W. C. Rudd and R. J. Stanton. 2,449,325, Sept. 14.
Integrator. E. E. Moreau. 2,449,310, Sept. 14.
Ironing apparatus, Electrostatic. E. C. Pitman and E. L. Crandell. 2,449,318, Sept. 14.
Ironing machine. H. E. Page. 2,449,246, Sept. 14.
Jar, Canning. H. Pfleumer. 2,449,316, Sept. 14.
Jack: *See*—
Automatic hydraulic jack.
Joint structures for cables. C. E. Bennett and P. V. White. 2,449,271, Sept. 14.
Kingpin assembly. J. W. Leighton. 2,449,306, Sept. 14.
Knitting of shaped fabrics. J. Held and H. Scheer. 2,449,477, Sept. 14.
Lamp: *See*—
Electric lamp. Explosion-proof lamp.
Lamp and a support therefor. K. C. Richter. 2,449,250, Sept. 14.
Lamp conductor contact. R. N. Falge and W. T. Mears. 2,449,373, Sept. 14.
Land and water vehicle. G. Raimondi. 2,449,320, Sept. 14.
Lasting machine. B. Jorgensen. 2,449,122, Sept. 14.
Latch: *See*—
Door latch. Safety latch.
Latching device. E. M. Kealy. 2,449,074, Sept. 14.
Leak detector. H. L. Burns and J. H. Thomas. 2,449,053, Sept. 14.
Lectern. A. T. Long. 2,449,492, Sept. 14.
Leveling and aligning means. A. M. Guillet. 2,449,219, Sept. 14.
Light control, Bicycle rear. R. Boucher. 2,449,200, Sept. 14.
Lighter. J. F. Rogers. 2,449,414, Sept. 14.
Lighter, Cigar. W. I. Nissen. 2,449,314, Sept. 14.
Locating and positioning foot corrective appliances. W. M. Scholl. 2,449,535, Sept. 14.
Lock: *See*—
Bobbin lock.
Locking chase structure, Adjustable form. H. J. Hilland. 2,449,381, Sept. 14.
Lubricants. B. P. Robertson. 2,449,510, Sept. 14.
Lubricating composition. C. L. Gebauer. 2,449,114, Sept. 14.
Machine for grinding toothed gear wheels and the like. A. C. Wickman. 2,449,354, Sept. 14.
Machine for manufacturing hair slides, hair pins or the like. W. M. Welsford. 2,449,263, Sept. 14.
Machine for producing cathode sleeves for thermionic valves. A. F. Pityo, H. Butterfield, and S. W. Warner. 2,449,505, Sept. 14.
Machine for testing clutch and brake assemblies. R. G. Starling. 2,449,091, Sept. 14.
Machine for treating hides, skins, and leather. C. D. Knowlton and D. Edgar. 2,449,128, Sept. 14.
Magnesium compounds, Production of. G. H. Gloss and E. B. Baker. 2,449,293, Sept. 14.
Marking and attaching machine, Ticket. C. B. Weller. 2,449,188, Sept. 14.
Measuring device, Fluid mass. J. H. Cantlin. 2,449,054, Sept. 14.
Mechanical shorthand writing means. W. V. Kirkpatrick. 2,449,126, Sept. 14.
Mercury interrupter. L. M. Wittlinger. 2,449,439, Sept. 14.
Method and apparatus for preventing explosions. H. V. Williamson. 2,449,436, Sept. 14.
Method and means for welding pipes and the like. E. Dutch. 2,449,371, Sept. 14.
Method of and apparatus for dispensing liquefied petroleum gas. L. J. White. 2,449,351, Sept. 14.
Method of and apparatus for setting self-synchronous machines on zero. G. A. Muir. 2,449,083, Sept. 14.

Method of and machine for applying labels. W. Hoppe. 2,449,298, Sept. 14.
Method of and molds for casting vitreous water closet bowls. J. W. Pieslak and R. E. Crane. 2,449,249, Sept. 14.
Microwave-acoustic light valve. W. D. Hershberger. 2,449,166, Sept. 14.
Milk delivery tube. J. A. Hopwood. 2,449,229, Sept. 14.
Milling machine. E. Bugatti. 2,449,449, Sept. 14.
Milling machine. O. W. Scharping. 2,449,179, Sept. 14.
Molds, Making. H. J. Pattison. 2,449,136, Sept. 14.
Mortar charge. C. N. Hickman. 2,449,380, Sept. 14.
Motor: *See*—
Fan-cooled motor.
Mounting for rotary cylinders, Riding ring. R. Bernhard. 2,449,198, Sept. 14.
Multiple unit freezer cabinet. L. W. Barley. 2,449,101, Sept. 14.
Musical instrument. A. H. Kimmons. 2,449,124, Sept. 14.
N-alkenyl phenylacetamides. O. K. Behrens and Q. F. Soper. 2,449,192, Sept. 14.
N-dihydroxypropyl phenylacetamide. O. K. Behrens and J. W. Corse. 2,449,194, Sept. 14.
Navigation computer, Plotting aircraft. G. E. Tardif. 2,449,342, Sept. 14.
Nonremovable transparent identification band with a tag therein. J. R. Smiley. 2,449,181, Sept. 14.
Nonskid device for crutches and the like. S. H. Richards. 2,449,509, Sept. 14.
Nozzle for use in welding, Cooling. R. C. Gupton. 2,449,220, Sept. 14.
Nut, Coupling. N. A. Jones. 2,449,121, Sept. 14.
Octa-chloro-biphenyl quinone. F. D. Smith. 2,449,088, Sept. 14.
Oil thrower and crankpin lubricating device, Crankcase. F. G. Hobart. 2,449,227, Sept. 14.
Oil well packer. W. E. Scoville, Jr. 2,449,514, Sept. 14.
Oils from acid sludges resulting from the sulfuric acid purification of coal tar distillates, Making. H. L. Allen and G. J. Skriver. 2,449,098, Sept. 14.
1,3-dihalopropylenes, Production of. A. W. Fairbairn. 2,449,286, Sept. 14.
Optical system with parallel plate refractive element, Schmidt type. P. M. van Alphen. 2,449,259, Sept. 14.
Oral fluoride-vitamin preparation. L. P. Strean. 2,449,184, Sept. 14.
Oscillating fan heater. L. B. Green. 2,449,377, Sept. 14.
Oscillation reducing device. F. M. M. B. Salomon. 2,449,087, Sept. 14.
Oscilloscope device. T. H. Whitherby and H. E. Farnsworth. 2,449,524, Sept. 14.
Packaging. E. L. Smith. 2,449,334, Sept. 14.
Packing of lettuce and package. A. B. Haslacher. 2,449,164, Sept. 14.
Paints, Silicate. W. G. Vannoy. 2,449,346, Sept. 14.
Pen, Ball point. F. E. Gruber. 2,449,218, Sept. 14.
Phenacetylaminomethylcrotonic acid. O. K. Behrens. 2,449,191, Sept. 14.
Photographic silver bromide emulsion sensitized with cysteine. F. Urbach. 2,449,153, Sept. 14.
Picture viewing apparatus, Animated. J. F. Iwick. 2,449,483, Sept. 14.
Pilot valve for combined temperature and pressure control apparatus. J. L. Kimball and R. C. Earley. 2,449,123, Sept. 14.
Planer construction. H. N. Buss. 2,449,201, Sept. 14.
Plasticized and stabilized cellulose compound and making it. O. Santoro and E. Jaskot. 2,449,149, Sept. 14.
Plasticizing and vulcanization of butadiene-acrylic nitrile copolymer. L. Coes, Jr. 2,449,058, Sept. 14.
Plywood tubing, Manufacturing. J. J. Dunne and O. S. Tuttle. 2,449,526, Sept. 14.
Pole tip structure for salient pole synchronous machines. E. I. Pollard. 2,449,506, Sept. 14.
Polyformals, Preparation of. W. F. Gresham and R. E. Brooks. 2,449,469, Sept. 14.
Polymeric ethylene emulsions, Preparation of. A. T. Larson. 2,449,489, Sept. 14.
Polymerization of polyhydric alcohol esters of alpha-olefinic dicarboxylic acids with ethylenic monomers, Controlling. E. C. Hurdis. 2,449,299, Sept. 14.
Polymers of monovinylphenoxthines and preparing the same. R. G. and L. W. Flowers. 2,449,527, Sept. 14.
Portable indicator device for ordinary two prong plugs. N. Schnoll. 2,449,150, Sept. 14.
Post lock for loose-leaf binders, Sectional. W. Shoda. 2,449,331, Sept. 14.
Powder box having sealing ring. G. R. Bent. 2,449,196, Sept. 14.
Power lift for grain drills. J. H. Starr. 2,449,183, Sept. 14.
Power recovery from catalytic conversion systems employing fluidized solids. H. K. Wheeler, Jr. 2,449,096, Sept. 14.
Preparation of fluorine-containing cyclic hydrocarbons, The. A. D. Kischitz, C. I. Gochenour, and R. E. Brailsford. 2,449,233, Sept. 14.
Press. F. Lyijynen. 2,449,133, Sept. 14.
Press for powdered metals. W. R. Tucker. 2,449,257, Sept. 14.
Pressing apparatus, Electrostatic. E. C. Pitman. 2,449,317, Sept. 14.
Pressure control, Aircraft cabin. J. Jerger. 2,449,231, Sept. 14.
Pressure device and actuating fluid therefor, Hydraulic. F. J. Sowa. 2,449,335, Sept. 14.
Printing ink containing a lignin compound, Liquid. C. E. Irion. 2,449,230, Sept. 14.
Process and culture media for producing penicillin. O. K. Behrens and J. W. Corse. 2,449,195, Sept. 14.
Process and culture medium for producing penicillin. O. K. Behrens, R. G. Jones, and Q. F. Soper. 2,449,193, Sept. 14.
Profiling device. C. O. Rothweiler. 2,449,252, Sept. 14.
Projecting apparatus. G. C. Walters. 2,449,187, Sept. 14.
Propeller governor. C. W. Chillson. 2,449,452, Sept. 14.
Protective device for horses' legs. J. Polinsky. 2,449,410, Sept. 14.
Protector: *See*—
Circuit protector.
Hosiery protector.
Pulsator system. A. E. Kremiller. 2,449,392, Sept. 14.
Pulse modulator for multichannel transmitter, Line. P. Bettler and H. D. Doolittle. 2,449,443, Sept. 14.
Pump controlled hydraulic cylinder system, Reversible. G. H. Hufferd. 2,449,482, Sept. 14.
Pump flange, Self-aligning. P. B. Miller. 2,449,243, Sept. 14.
Quaternary ammonium bacteriocidal composition, Self-indicating. H. R. Broll. 2,449,274, Sept. 14.
Quick action switch. R. J. Domonkas. 2,449,109, Sept. 14.
Rack attachment for laundry tubs. L. W. Larson. 2,449,131, Sept. 14.
Radio direction finder. W. J. O'Brien. 2,449,175, Sept. 14.
Rail tool. E. D. Jones. 2,449,232, Sept. 14.
Recall control means. F. T. Pascoe and A. L. Jerome. 2,449,176, Sept. 14.
Receptor, Sheet-metal. F. H. Richterkessing. 2,449,323, Sept. 14.
Recorder with magnetically positioned electric indicator. P. H. Dike and E. D. Doyle. 2,449,283, Sept. 14.
Recording apparatus volume level indicator. P. S. Gay. 2,449,291, Sept. 14.
Rectifier, Selenium. W. E. Blackburn. 2,449,444, Sept. 14.
Reed device, Polarized. F. H. Gulliksen. 2,449,472, Sept. 14.
Refining of petroleum hydrocarbon products, Liquid phase. F. W. Breth and A. Kinsel. 2,449,051, Sept. 14.
Refrigeration apparatus. V. V. Torbensen. 2,449,343, Sept. 14.
Refrigerator for making and using crushed ice. L. V. Lucia. 2,449,132, Sept. 14.
Refrigerator mullion construction for preventing condensation. W. E. Hursey and G. Strunk. 2,449,384, Sept. 14.
Regulating apparatus. E. W. Graham. 2,449,217, Sept. 14.
Regulating system. W. R. Harris. 2,449,475, Sept. 14.
Reinforcement, Pretensioned. M. Chalos. 2,449,276, Sept. 14.
Relaying system. B. E. Lenehan. 2,449,490, Sept. 14.
Remote control system, Bidirectional selective. L. Kogane. 2,449,391, Sept. 14.
Resistivity of P-type crystals, Controlling the. H. Jaffe. 2,449,484, Sept. 14.
Rest holder for centerless grinders, Work. E. C. Krueger. 2,449,488, Sept. 14.
Riboflavin by fermentation processes, Production of. H. L. Pollard, N. E. Rodgers, and R. E. Meade. 2,449,141, Sept. 14.
Rim and tire separating device, Axially shifting hydraulic. S. H. Garey. 2,449,289, Sept. 14.
Ring: *See*—
Powder box having sealed ring.
Ring spinning frame. H. S. Adams. 2,449,267, Sept. 14.
Roof structure. A. Shaw. 2,449,330, Sept. 14.
Rubber, The production of hard. R. A. Kirby. 2,449,390, Sept. 14.
Rubbery diolefin polymers containing processing aids. W. H. Sharkey. 2,449,418, Sept. 14.
S-(amidomethyl)-dimercaptopropanols. F. K. Signaigo. 2,449,332, Sept. 14.
Safety control system for fuel burners. M. S. Unger. 2,449,185, Sept. 14.
Safety latch. A. Shatkin. 2,449,419, Sept. 14.
Sanding device, Automobile. C. F. Beam. 2,449,525, Sept. 14.
Scaffold pole, Safety. H. H. Clark. 2,449,056, Sept. 14.
Scaffold, Sectional. H. A. Harrison. 2,449,069, Sept. 14.
Schmidt type optical system with opaque diaphragm. P. M. Van Alphen. 2,449,345, Sept. 14.
Scoop, Tractor. F. M. Fraga. 2,449,212, Sept. 14.
Scooter for winter sports. F. Spitzwieser. 2,449,336, Sept. 14.
Scraping implement. D. L. Strubble. 2,449,092, Sept. 14.
Seal, Shaft. F. G. Ferguson and R. C. Thompson. 2,449,375, Sept. 14.

Sealing one end of open ended tube, filling through remaining open end, and sealing remaining open end. C. Herzog. 2,449,478, Sept. 14.
Seat: *See*—
Chair seat.
Child's toilet seat.
Self-opening container. N. B. Wales. 2,449,186, Sept. 14.
Separable connector. J. Rogoff. 2,449,251, Sept. 14.
Separation of monoethanolamine from admixtures by azeotropic distillation with chlorobenzene. J. C. Speck, Jr. 2,449,152, Sept. 14.
Servomotor system, Antihunt electrical. T. R. Harrison. 2,449,476, Sept. 14.
7-amino and 7-hydroxy-1,3,4-triazaindolizines as stabilizers for photographic silver-halide emulsions. N. Heimbach and W. Kelly, Jr. 2,449,225, Sept. 14.
Shaft bearing for microscopes, Adjustable pinion. C. H. O. Wittig. 2,449,156, Sept. 14.
Shifting of lading in freight carriers, Means to prevent. G. H. Liebegott. 2,449,491, Sept. 14.
Shoe assembling and locating attachment. H. Gordon and C. H. Free. 2,449,216, Sept. 14.
Shovel, Power. J. E. Conklin. 2,449,279, Sept. 14.
Shutter. W. A. Pennow and E. W. Yungman. 2,449,503, Sept. 14.
Sifter top, Rotary. T. M. Ekstrom. 2,449,285, Sept. 14.
Ski binding. E. L. Millard. 2,449,242, Sept. 14.
Slide assembly for machine tools. M. J. Schlitters. 2,449,327, Sept. 14.
Snubbed trailing setting switch stand. O. F. Magnus. 2,449,239, Sept. 14.
Soap feeder. G. C. Schmidt. 2,449,513, Sept. 14.
Soldering or welding implement. S. W. Warner. 2,449,521, Sept. 14.
Sole attaching apparatus, Cement. M. Seymour. 2,449,151, Sept. 14.
Solenoid with plunger. O. H. Wisegarver. 2,449,438, Sept. 14.
Sound deadener drawer. G. L. C. Earle. 2,449,207, Sept. 14.
Spark plug electrode. T. G. McDougal. 2,449,403, Sept. 14.
Speed and odometer indicating device. B. Walker. 2,449,155, Sept. 14.
Spice, Preparing synthetic. G. H. Rapaport. 2,449,411. Sept. 14.
Spinning machine. E. Weiss. 2,449,431, Sept. 14.
Spray booth. A. R. Clark and R. J. Kittle. 2,449,203, Sept. 14.
Stadium folding chair. G. P. Wilson. 2,449,523, Sept. 14.
Stand: *See*—
Gold bag stand.
Snubbed trailing setting switch stand.
Strap, Hand. E. C. Mersereau. 2,449,307, Sept. 14.
Stretching machine for uncoiling, flattening, and coiling metal strip. A. Pope. 2,449,507, Sept. 14.
Submersible seismometer system. R. A. Peterson. 2,449,085, Sept. 14.
Sugarcane wax, Making refined. C. B. Broeg and R. T. Balch. 2,449,107, Sept. 14.
Sulfur trioxide, The production of. A. Belchetz. 2,449,190, Sept. 14.
Superheat control for refrigerating apparatus. C. E. Winchester and H. F. Lathrop. 2,449,437, Sept. 14.
Support: *See*—
Adjustable support.
Clothesline support.
Churn support.
Support for bed lamps. C. L. Strauss. 2,449,426, Sept. 14.
Switch: *See*—
Electromagnetically controlled switch.
Telltale control switch.
Quick action switch.
Tilt-actuated switch.
Switch lever stop. H. E. Blair. 2,449,363, Sept. 14.
Synergistic insecticidal compositions. E. R. McGovran, E. L. Mayer, and F. B. Talley. 2,449,533, Sept. 14.
Synthesis of organic oxygen-containing compounds. W. F. Gresham and R. E. Brooks. 2,449,470, Sept. 14.
System for dispensing a liquefied gas. O. A. Hansen. 2,449,378, Sept. 14.
Tank: *See*—
Film tank.
Tape reel housing construction, Measuring. F. J. Mortimer. 2,449,406, Sept. 14.
Telltale control switch. R. R. Fredrick. 2,449,213, Sept. 14.
Temperature compensated magnetron. P. L. Spencer. 2,449,090, Sept. 14.
Thermostatically controlled mixing valve. F. L. Watrous and G. E. Manis. 2,449,261, Sept. 14.
Thioindoxyl couplers for color photography. F. W. H. Mueller and A. Bavley. 2,449,244, Sept. 14.
3,5-diamino-4-hydro-thiotriazine-1-dioxide resins. H. A. Walter. 2,449,520, Sept. 14.
Tilt-actuated switch. L. K. Perry. 2,449,177, Sept. 14.
Tire curing bag. D. R. Elliott and K. K. Madison. 2,449,461, Sept. 14.
Toilet, Trailer. A. G. Agra. 2,449,442, Sept. 14.
Tool: *See*—
Rail tool.
Tool adapter, Machine. E. A. Dorman. 2,449,284, Sept. 14.
Toolholder. L. B. Brown. 2,449,368, Sept. 14.
Toolholder, Quick lock. C. A. Cherry. 2,449,277, Sept. 14.
Tooth, Artificial. A. H. White. 2,449,522, Sept. 14.
Toy. J. Hatchett. 2,449,116, Sept. 14.
Toy. L. W. Samuels. 2,449,147, Sept. 14.
Toy cannon. J. C. Wheeler. 2,449,432, Sept. 14.
Track for vehicles. C. O. Slemmons and R. W. Smith. 2,449,421, Sept. 14.
Traction and control system, Generating electric. T. O. Liliquist. 2,449,399, Sept. 14.
Tractor cultivator. T. Brown. 2,449,159, Sept. 14.
Transformer system, Tapped. A. Boyajian. 2,449,367, Sept. 14.
Transmission for vending machines and the like, Safety. O. Altman. 2,449,043, Sept. 14.
Tricycle. L. W. Sly. 2,449,254, Sept. 14.
Trimming machine. H. R. Abbrecht. 2,449,042, Sept. 14.
Truck, Snubbed. L. A. Lehrman. 2,449,305, Sept. 14.
Tube calibration, Cathode ray. J. Weingarten. 2,449,093, Sept. 14.
Tube: *See*—
Cathode-ray tube.
Milk delivery tube.
External anode power amplifier and oscillator tube.
Tube holder. A. B. Benziger. 2,449,197, Sept. 14.
Tubular structures, Forming. A. J. Paucek. 2,449,247, Sept. 14.
Tufting machine. W. Hofmann. 2,449,529, Sept. 14.
Tuning control, Step-by-step automatic. G. L. Sansbury. 2,449,178, Sept. 14.
Tuning device ratchet. R. W. May. 2,449,079, Sept. 14.
Tuning indicator for indicating resonance of an electric circuit. G. Rathenau, A. A. Kruithof, and J. A. Hartveld. 2,449,412, Sept. 14.
2-[vinyl-dicarboxylic acid ester]-3-amino-1,2,4-triazoles as stabilizers for photographic silver-halide emulsions. N. Heimbach and W. Kelly, Jr. 2,449,226, Sept. 14.
Vacuum cleaner bag. A. and E. W. Beager. 2,449,102, Sept. 14.
Vacuum in photoelectric tubes, Attaining. R. L. Longini. 2,449,493, Sept. 14.
Vacuum sealing flexible packages. S. H. Berch. 2,449,272, Sept. 14.
Valve: *See*—
Automatic water valve.
Quick acting valve.
Microwave-acoustic light valve.
Thermostatically controlled mixing valve.
Valve. G. H. Hufferd and G. O. R. Lindgren. 2,449,481, Sept. 14.
Valve. J. A. Rosmait. 2,449,145, Sept. 14.
Valve arrangement for external-combustion engines. D. M. Weigel. 2,449,262, Sept. 14.
Valve cage. C. E. Bridwell. 2,449,106, Sept. 14.
Vanillin, Isolating. A. Blankart. 2,449,364, Sept. 14.
Vegetable slicer, Manually operated. C. H. Dickman. 2,449,282, Sept. 14.
Vehicle: *See*—
Foot propelled vehicle.
Land and water vehicle.
Vehicle, adapted for fire suppression, Land. P. H. Murphy. 2,449,311, Sept. 14.
Vehicle mounted front end loader. J. B. Castle. 2,449,160, Sept. 14.
Ventilating and flushing apparatus for water closets. C. J. Majauskas. 2,449,134, Sept. 14.
Vibrator apparatus, Voltage multiplying. J. R. Gelzer. 2,449,214, Sept. 14.
Visor. C. W. G. Laing. 2,449,303, Sept. 14.
Vitamin B-complex concentrate. F. W. Tanner, Jr., and J. M. Van Lanen. 2,449,340, Sept. 14.
Vitamin concentrate, Preparing a. N. E. Rodgers, H. L. Pollard, and R. E. Meade. 2,449,144, Sept. 14.
Wattmeter circuit. E. W. Houghton. 2,449,072, Sept. 14.
Wavemeter, Dielectrically tuned. C. G. Sontheimer. 2,449,182, Sept. 14.
Wearing apparel having permanent creases therein. H. Meyer. 2,449,534, Sept. 14.
Wheel dressing machine, Compensating abrasive. G. F. Eglinton and D. J. Woodworth. 2,449,372, Sept. 14.
Whey, Fermenting. E. R. Engle. 2,449,064, Sept. 14.
Windshield wiper. L. Zaiger. 2,449,357, Sept. 14.
Winder apparatus. J. R. Knoble. 2,449,234, Sept. 14.
Winder, Automatic. W. Schweiter. 2,449,328, Sept. 14.
Window construction. R. T. Axe. 2,449,361, Sept. 14.
Window, Ventilating. W. Kiesewetter. 2,449,389, Sept. 14.
Window, Storm. F. J. Wilkinson. 2,449,264, Sept. 14.
Work gloves. R. Steinberg. 2,449,337, Sept. 14.
Work-holding device. H. A. Sneckner. 2,449,255, Sept. 14.
Wrecking crane, Auto. C. N. Ryan. 2,449,146, Sept. 14.
Wrist-attached article carrier. C. C. Robinson. 2,449,324, Sept. 14.
Yarn take-up. J. S. Bradley and N. H. Smith. 2,449,105, Sept. 14.
Yield of riboflavin in fermentation processes, Improving the. H. L. Pollard, N. E. Rodgers, and R. E. Meade. 2,449,142, Sept. 14.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 14, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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13: Des. 151,009	D26— 7: Des. 150,938	Des. 150,932	Des. 150,971	4: Des. 150,922	Des. 150,989
Des. 151,010	D31— 4: Des. 150,951	Des. 150,979	Des. 150,972	Des. 150,925	Des. 150,990
Des. 151,011	Des. 150,988	Des. 150,980	Des. 150,973	Des. 150,998	D91— 1: Des. 151,007
17: Des. 150,991	Des. 151,002	Des. 150,984	Des. 150,974	9: Des. 151,005	3: Des. 150,996
Des. 150,992	D33—10: Des. 150,997	Des. 150,986	Des. 150,975	D57— 1: Des. 150,924	
Des. 150,993	14: Des. 151,000	10: Des. 150,952	Des. 150,976	Des. 150,948	
19: Des. 151,013	D34—15: Des. 150,995	16: Des. 150,961	Des. 150,977	D58—13: Des. 151,020	
D 4— 3: Des. 151,023	D37— 1: Des. 150,955	19: Des. 150,918	Des. 150,978	D62— 2: Des. 150,953	
D 5— 5: Des. 150,956	D38— 6: Des. 150,947	Des. 150,919	Des. 150,981	D65— 1: Des. 151,019	

U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE GOLDBERG

No. 5460. Decided June 1, 1948

[168 F.2d 527; 78 USPQ 69]

1. PATENTABILITY—INVENTION—SUBSTITUTION OF PNEUMATIC MOTOR FOR ELECTRIC MOTOR NOT.
When the only feature of an appealed claim which differentiates it from the disclosure of the S patent is the use of a pneumatic motor for the electric motor of S, and where the patent to J clearly discloses a pneumatic motor designed to operate in the same manner as the motor in the involved application, *Held* that it would be obvious to one skilled in the art to substitute the pneumatic motor of the J device for the S motor to move the tool of the S device.

2. APPEAL TO COURT—MATTERS NOT RAISED BELOW—NO ERROR.
Where appellant contends in his brief that the reference device does not show certain elements set forth in an appealed claim, but we find nothing in the record that such matter was called to the attention of the Board of Appeals, and there is no specific assignment of error with respect thereto, *Held* that as it was not called to the attention of the Board, there was no error in failing to consider it.

3. PATENTABILITY — INVENTION — ADDITION OF PEDAL SWITCH NOT.
Where the basic reference relied upon discloses every element of an appealed claim except the foot pedal switch, and where the M patent discloses a foot pedal switch designed to control the apparatus through electrical circuits, *Held* that it would not involve invention to add to the machine of the basic reference the foot pedal switch of the M device.

4. SAME—SAME—SAME—JUDICIAL NOTICE.
Held that it is common knowledge of which we may take judicial notice that for many years past foot operated electrical switches have been used on automobiles, switching the headlights from a low to a high beam and back again. The foot operated electrical switch to close the circuit of an electrical starting motor in an automobile is also well and commonly known.

5. PATENTABILITY — INVENTION — ASSEMBLING SEVERAL CONTROLS NOT.
Held that the assembling of several controls, each of which separably is known to be old in the prior art, with a switch for manual operation connecting any one of them into the machine, does not involve invention.

6. SAME—SAME—HOLDING CIRCUIT NOT.
Held that we agree with the Board in its holding that "no invention is involved in applying a holding circuit to any electric control circuit."

7. SAME—SAME—ADJUSTING LENGTH OF STROKE NOT.
Where the appealed claim recites means for adjusting the length of the stroke and the reference patent discloses a stop, *Held*, even if the showing of a stop does not imply adjustment, that invention would not be involved in merely making such element adjustable.

8. SAME—SAME—MACHINE TOOL CONTROL.
Certain claims to a machine tool control *Held* properly rejected as unpatentable over the prior art.

APPEAL to the Patent Office. Serial No. 448,554.

AFFIRMED.

Smith, Olsen & Baird (*Glen E. Smith* and *Stephen W. Blore* of counsel) for Goldberg.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming the action of the Primary Examiner rejecting claims 5 to 7 inclusive, 20, 21, 24 to 34 inclusive, 38 to 40 inclusive, 50, and 51 for want of patentability over the prior art as follows: Anderson, 1,069,995, August 12, 1913; Balcker, 1,401,388, December 27, 1921; Leland, 1,979,479, November 6, 1934; Morgan, 2,017,865, October 22, 1935; Johnson, 2,111,784, March 22, 1938; Kingsbury, 2,114,389, April 19, 1938; Johnson, 2,133,170, October 11, 1938; Schwartz, 2,271,717, February 3, 1942.

Six claims were allowed.

The invention is succinctly described by the Primary Examiner as follows:

> The alleged invention relates to the control of a machine tool, shown specifically as a drilling machine, and comprises a double acting air operated piston for moving a rotating tool axially to and from the work piece. Solenoids actuate the valves for controlling the feed motor. The solenoids may be activated by starting switches which, in turn, are controlled by the proper positioning of a work piece in its holder, or, optionally, by a foot treadle. A holding or shunt circuit is provided in conjunction with each starting switch. The machine may also include means operated by compressed air for gripping and holding the work piece during the working stroke of the tool, and for ejecting it when the work has been completed. Provision is also made for continuous automatic operation.

The patent to Anderson relates to a drilling machine. It discloses a machine on a travelling carriage. The carriage travels along rails and the machine is utilized for drilling spaced holes in a long work piece. The machine includes a movable mounted drill driven by a motor, and is designed to move in a horizontal direction. Means are provided for axial movement of the tool through forward and reverse strokes. The forward stroke is made by means of compressed air admitted into a cylinder. The compressed air acts upon a piston in the cylinder, thus pushing the tool through the forward stroke. The effect of the compressed air, while it effects the forward stroke, compresses a spring designed to move the tool axially through the

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reverse stroke when the force of the compressed air ceases.

The patent to Balcker relates to a multiple drill press controlling means of the pneumatic type. The device of the patent contains a double acting air piston for moving the tool under the control of a treadle. A stop device mounted on a suitable support is provided to render the mechanical feeding inactive.

The patent to Leland relates to a tool controlling device and discloses a plunger motivated by a spring for the operation of a switch.

The patent to Morgan relates to machine tools and in particular to the control of power driven mechanism designed to move work piece and tool toward each other in order to place them into operative association. The device includes a foot pedal designed to raise the platen by depression of the pedal. A foot pedal switch is designed to control the apparatus through electrical circuits.

The patent to Johnson, 2,111,784, concerns a honing machine in which one or more rapidly rotating honing tools are reciprocated by hydraulic means. The machine discloses a switch so that the machine may be caused to operate automatically, independent of other controls, when so desired by the operator.

The patent to Kingsbury relates to a machine tool structure having feeding apparatus for reciprocating the tool. It is said to be particularly concerned with drilling and like operations by combined reciprocating and rotating motion of the tool holder relative to the work. A holding circuit is disclosed in connection with the tool advancing mechanism, and it is further shown that, at the end of the stroke, the maintaining circuit is interrupted.

The patent to Johnson, 2,133,170 relates to a tilting mechanism for concrete mixers of the tilting type. The device described discloses a cylinder with low pressure air maintained constantly in the upper end thereof, and high pressure air intermittently supplied to the lower end of the cylinder for the purpose of moving the piston within the cylinder against the resistance of the lower pressure air for the forward or discharge stroke of the mechanism. When the high pressure air is released, the low pressure air moves the piston to its original position. The function of the cylinder is for tilting a concrete mixer from a charging to a discharging position.

The patent to Schwartz relates to a countersinking and blind drilling machine. It discloses an apparatus for drilling a work piece placed on a support plate. A rotatable drill is shown actuated by an electric motor. The drill moves axially in forward and reverse strokes and is motivated by means of a lever, cylinder, and spring. It appears that when the work piece is placed on the support it depresses projecting pins which close a switch in control of a solenoid. The action of the solenoid is to release air from the cylinder whereupon the piston in the cylinder is returned to its uppermost position by the expansion of the spring. Such spring action turns the lever clockwise so that other springs are affected to move the drill to and through the work. It appears that the means by which the tool of the patent is moved axially in forward and reverse stroke is "compressed air operated" for the reason that the return stroke is caused by the admission of compressed air into the cylinder.

Claims 5, 6, 7, 20, 21, and 24 were all rejected upon the Schwartz and Kingsbury references. Of that group, claim 5 is illustrative and reads as follows:

5. The combination in a machine of the class described of a movably mounted tool, means for moving said tool axially through forward and reversed strokes, means including an electric circuit for controlling said forward and reverse strokes, means for supporting a work piece in position to be engaged by said tool, means actuated by the movement of a work piece to said position for establishing a temporary condition in said circuit which initiates said forward stroke, and means actuated during the initial portion of said forward stroke for establishing another circuit condition which causes the forward stroke to be continued.

Claim 6 is similar to claim 5 except for the addition "when said forward stroke has continued to a predetermined extent for actuating said circuit to effect said reverse stroke." Claim 7 adds to claim 6 "means for automatically arresting said reverse stroke when said tool has been returned to its normal position." Claims 20, 21, and 24 are similar to claim 5 except that they include "compressed air operated means" for moving the tool through forward and reverse strokes. Claim 20 adds more specifically a description of the holder for the work piece, than does claim 5, and claim 21 adds to claim 20 means for arresting the forward stroke after a predetermined movement and causing the air operated means to effect a reverse stroke. Claim 24 differs from claim 5 in the recitation of a solenoid in the circuit to control forward and reverse strokes in addition to a manually operated switch designed to initiate the forward stroke. It also shows switches actuated by tool movement for controlling the continuance and stopping of the forward stroke.

Claims 25, 26, and 27 form another group of which claim 25 is illustrative, reading as follows:

25. The combination in a machine of the class described of a tool holder, means adapted to be operated by compressed air for moving said tool holder axially of said tool, means for supplying low pressure air continually to said first-named means for retracting said tool holder and normally holding it in its retracted position, means for supplying air at a higher pressure to said first-named means for moving said tool holder through a working stroke against the pressure of said low pressure air, means including an electric circuit for controlling said compressed air supplies, and manually operated means for actuating said circuit to initiate said working stroke.

The Board reversed the reason for the Examiner's rejection of claim 25, but under rule 139 of the Rules of Practice, U. S. Patent Office, gave a new ground of rejection for that claim on the Schwartz patent in view of the Johnson patent, 2,133,170. The Board affirmed the Examiner's rejection of claims 26 and 27 on those references.

Claim 26 differs from claim 25 only with respect to the last clause of claim 25. The last two clauses of claim 26 are directed to "a fixture for holding a work piece in position to be engaged by said tool, and a switch actuated by the movement of a work piece to said position for actuating said circuit to start said working stroke." Claim 27 adds to claim 26 switches which are actuated in response to the movement of the tool holder for actuating the control circuit to complete and then arrest the working stroke, and then cause said tool holder to be retracted.

Of the group of claims 28 and 29, claim 28 is illustrative and reads as follows:

28. The combination in a machine of the class described, of a movable mounted tool, compressed air operated means for effecting forward and reverse strokes of said tool, means including an electric circuit and solenoid-operated valves connected in said circuit for controlling said compressed air operated means, a switch connected in said circuit and adapted to be actuated by a work piece when placed in the path of said tool for actuating said circuit to start said forward stroke, a foot pedal switch connected in said circuit and adapted to be operated to actuate said circuit to start said forward stroke, and means for altering said circuit to render either of said switches operative at the will of the operator.

That claim was rejected on the Schwartz patent with the patent to Morgan. Claim 29 was rejected upon those references with a further citation of the Johnson patent, 2,111,784.

Claim 29 is similar to claim 28 except that it adds "said last-named means being capable of operation to render both of said switches inoperative and to cause said compressed air operated means to effect a continuous series of forward and reverse strokes of said tool."

Claims 30 to 34 inclusive and 38 to 40 inclusive were rejected on either of the patents to Anderson or Balcker in view of the Johnson patent, 2,133,170. Claim 30 is illustrative of that group and reads as follows:

30. The combination in a machine of the class described of a movably mounted tool, means including a cylinder and piston for moving said tool axially with respect to the work, means for constantly supplying low pressure air to said cylinder at one side of said piston to retract said tool and to hold it normally in its retracted position, means for admitting air at a higher pressure to said cylinder at the other side of said piston to move said tool through a working stroke against the action of said low pressure air in said cylinder, means for exhausting said last-mentioned air pressure from said cylinder at the end of said working stroke, and means including an electric circuit for starting and determining the length of said working stroke.

Claim 31 differs from claim 30 in the recitation of "said higher pressure air being adapted to be further compressed upon the retardation of said tool when it is in engagement with the work, and additional means for retarding the movement of the tool at the end of said working stroke." Claim 32 differs from claim 31 in that it recites the means for adjusting the length of the working stroke. Claim 33 differs from claim 30 only by the addition of "means for adjusting the rate of flow of said higher pressure air to said cylinder and the rate of said exhaust therefrom." Claim 34 differs from claim 30 in that it provides for "means for adjusting the pressures of the air supplied to opposite sides of said piston, and means for adjusting the rate of flow of said higher air pressure." Those two clauses take the place of the last clause of claim 30. Claim 38 adds to claim 30 "means for adjusting the length of said working stroke and for determining the point at which said additional retarding means is actuated." Claim 39 adds to claim 30 "means for starting said forward stroke, and means for automatically insuring the continuance of said forward stroke after it has been started." Claim 40 differs from claim 39 in that it refers specifically to the switches for the continuance of the forward stroke recited in the last clause of claim 39.

Claims 50 and 51 were rejected as unpatentable over the Leland or the Schwartz patents. They read as follows:

50. A work holder for use in a machine having a tool which is movable axially through forward and reverse strokes comprising, a support for a work piece having means for guiding the work piece to a definite position therein, an electric switch adapted to be connected in an operating circuit of said tool and having an operating member adapted to be actuated by said work piece when said work piece is moved to said position, and means for actuating said operating member to eject said work piece from said groove.

51. A work holder for use in a machine having a tool which is movable axially through forward and reverse strokes comprising, relatively movable members adapted to grip a work piece, fluid pressure operated means for effecting said relative movement, one of said members having means for positioning said work piece, a switch adapted to be connected in an operating circuit of said tool and including an operating member adapted to be actuated by said work piece when said work piece is moved to said position, and means for actuating said operating member to eject said work piece when it is released by said relatively movable members.

The Board of Appeals properly pointed out that claim 5 does not show that the means for moving the tool axially in forward and reverse strokes is "compressed air operated" and without such limitation the claim reads directly upon the apparatus of the Schwartz patent except for its last clause which requires a holding circuit to short circuit the switch which is actuated during the first part of the forward stroke. It is clear that the Kingsbury device discloses such holding circuit designed for use in a tool advancing mechanism. The circuit and the shunt or holding circuits are illustrated and clearly described in the Kingsbury patent. Even though in the patent the shunt switch is manually operated, it was proper, contrary to the contention of appellant, to cite that patent as was done by the tribunals below. The operation, which is performed by the switch in the Kingsbury device, is the same operation which takes place in appellant's device when his foot pedal operated switch is depressed to initiate the movement of the tool. We do not think it would involve invention to use the holding circuit disclosed in the Kingsbury patent in the structure of the Schwartz device. The elements of the Schwartz structure discussed by the tribunals below are not questioned by appellant, and there is nothing in the reasons of appeal contending that the Kingsbury device does not disclose a holding circuit. It seems to us that it would be obvious to anyone skilled in the technical art here involved without the exercise of invention to apply the holding circuit of the Kingsbury device to the structure of the Schwartz patent. Since claims 6, 7, 20, 21, and 24 in their slight differences from claim 25 can not render those claims patentable, we agree with the Patent Office tribunals that the rejection of that group on the patent to Schwartz taken with the patent to Kingsbury was proper.

[1] We agree with the holding of the Board that the only feature of claim 25 which differentiates it from the disclosure of the Schwartz patent appears in the phrases "means for supplying low pressure air continually to said first named means for retracting said tool holder" and "means for supply-

ing air at a higher pressure to said first named means for moving said tool holder through a working stroke against the pressure of said low pressure air." The Johnson patent, 2,133,170, clearly discloses a pneumatic motor designed to operate in the same manner as the motor in the involved application. The piston in the cylinder of the Johnson device is brought into operation, as has been heretofore noted, by intermittently applied high pressure air to the lower end of the cylinder in which the piston operates as against the low pressure air maintained in the upper end of the cylinder. It is clear that when the pressure at the lower end of the Johnson device is released that the piston will be reversed in its action because of the force of low pressure air exerted against its upper end. We believe it would be obvious to one skilled in the art to substitute the pneumatic motor of the Johnson device for the Schwartz motor to move the tool of the Schwartz device. [2] Appellant contends in his brief that the Schwartz device does not show solenoid operated valves as referred to in claim 25. We find nothing in the record, however, that such matter was called to the attention of the Board of Appeals, and there is no specific assignment of error with respect thereto. As it was not called to the attention of the Board, obviously there was no error in failing to consider it. *In re Davis*, 26 CCPA (Patents) 1249, 103 F.2d 922, 41 USPQ 674, 507 O. G. 1032. We do not see that claims 26 and 27 distinguish patentably over the limitations of claim 25, and, therefore, we approve the decision of the Board in rejecting that group as unpatentable over the Schwartz patent in view of the patent to Johnson, 2,133,170. Certainly, merely changing the type of motor power would be obvious to one skilled in the art. *In re Gregory et al.*, 27 CCPA (Patents) 1345, 112 F.2d 838, 46 USPQ 40, 521 O. G. 277.

[3] The basic reference relied upon in the rejection of claims 28 and 29 is the patent to Schwartz. That patent appears to disclose every element contained in claim 28 except the foot pedal switch and the means for altering the circuit recited after defining the foot pedal switch. The Morgan patent discloses a foot pedal switch designed to control the apparatus through electrical circuits. It seems to us that it would not involve invention to add to the Schwartz machine the foot pedal switch of the Morgan device. We see no invention involved by the mere addition of another or manual control to the machine of the Schwartz patent and a switch whereby that control may be shifted from the work actuated control to a manual or pedal operated control. Appellant states in his brief that the foot pedal of the Morgan device is not a switch. The patent to Schwartz shows an electrical switch and the only question presented with respect to claim 28 is whether the providing of a foot pedal switch involves invention. [4] Clearly it is common knowledge of which we may take judicial notice that for many years past foot operated electrical switches have been used on automobiles, switching the headlights from a low to a high beam and back again. The foot operated electrical switch to close the circuit of an electrical starting motor in an automobile is also well and commonly known.

[5] Claim 29 adds to claim 28 as hereinbefore noted a still further control which may be substituted for one of the other controls when so desired by the operator, but it appears to us that such third control is disclosed in the patent to Johnson, 2,111,784. In the patent structure a switch is provided so that the operator may, when he wishes to do so, cause the machine to operate automatically, independent of the other controls. No one of the three controls can operate when one control is in operation and the assembling of several controls, each of which separably is known to be old in the prior art, with a switch for manual operation connecting any one of them into the machine, does not involve invention.

[6] The Board of Appeals fully agreed with the reasoning of the Primary Examiner rejecting claims 30 to 34 inclusive and 38 to 40 inclusive on the patent to Balcker or the patent to Anderson in view of the patent to Johnson, 2,133,170. A machine is disclosed in the patent to Anderson in which there is a movable mounted tool and means including a cylinder and piston for moving the tool axially with respect to the work. The piston operates in one direction through the force of compressed air and in the other direction by the expansion of a spring which has been compressed on the former stroke by the compressed air. In the electric circuit for starting and determining the length of the working stroke, there is a solenoid together with other members. In our opinion it would not require invention for one skilled in the art to substitute for the cylinder and piston assembly of the Anderson structure, the cylinder and piston assembly disclosed in the Johnson patent, 2,133,170. In that assembly means are shown for keeping a constant supply of low pressure air in the cylinder on one end of the piston, thus holding it normally in retracted position, and means for supplying the high pressure air on the other end of the piston in order to move the tool through its working stroke against the action of the low pressure air. The additional means disclosed in the Johnson patent, 2,133,170, for retarding the movement of the tool at the end of the working stroke comprises a plug entering into a recess in the upper part of the cylinder. We agree with the holding of the Board that there is no invention in supplying the Anderson device with means for adjusting the work stroke for the reason that such means is clearly disclosed in the Balcker patent. Neither is there any invention in providing a holding circuit for the electric circuit shown in the Anderson device. We agree with the Board in its holding that "No invention is involved in applying a holding circuit to any electric control circuit." With respect to claim 40, the holding circuit is not set out as being actuated by tool movement. It is merely stated that it is actuated "upon the movement" of the tool and certainly any holding circuit is inherently actuated after the starting circuit has been closed.

It is true, as pointed out by appellant, that the patentee Balcker discloses no means for moving the tool as required by claims 30 to 34 inclusive and 38 to 40 inclusive, by reason of the absence of constantly applied air pressure. That pressure, however, is present in the structure of the Johnson patent, 2,133,170, and even though the elements of the Johnson device, as contended by appellant, "could not be substituted bodily in either Balcker or Anderson," nevertheless in the last analysis it is merely substituting one motor for another which we think is clearly within the skill of the art. It may be true, as urged by appellant, that, with respect to claim 30, the Balcker structure does not in its "stop" provide for any adjustment corresponding to certain nuts of appellant. However, claim 30 does not call for adjustment by nuts, and it is clear to us that the stop of the Balcker device is a means for "determining the length of the stroke." That is all that is required in claim 30.

[7] Claim 32 recites means for adjusting the length of the stroke. A stop is shown in the Balcker device which, even if it does not imply adjustment, we think that invention would not be involved in merely making such element adjustable. *In re Brandt*, 20 CCPA (Patents) 1005, 64 F.2d 693, 17 USPQ 295, 432 O. G. 753. However, three other collars are disclosed in the Balcker patent similar to the stop, and it is clear that those collars are adjustable on their supports. Appellant contends that in claim 33 the means for adjusting the rate of air flow shown there is not disclosed in the prior art. Since no reason of appeal alleges error on the part of the Patent Office tribunals in that respect, it will not be considered. *In re Davis*, supra. Appellant makes the same contention in his discussion of claim 34. He states that "None of the references relied upon discloses anything corresponding to the pressure regulators" in that claim, and for that reason claim 34 should be allowed. There is nothing in the record to indicate that such contention was called to the attention of the Board. *In re Davis*, supra. Since we have hereinbefore held that in our opinion it does not involve invention to apply a holding circuit to any electric control circuit, it is not necessary to discuss appellant's contention in connection with claim 39 that only the Kingsbury patent has been cited disclosing any such feature, which disclosure of the patent, appellant contends, would cause inoperativeness when applied to the Schwartz device. In addition to our holding above mentioned with respect to the holding circuit, the patent to Johnson, 2,133,170, discloses such a circuit through a coil after the push button which starts the switch has been pushed to a closed position. The holding circuit may be clearly seen in the drawings of the Johnson device. Any difference between the holding circuit there and that of appellant's structure is merely functional, but since in this case patentable distinctions must rest on structure and not function, in our opinion such circuit of appellant is not patentable in view of that disclosed in the Johnson patent. The Johnson device, with respect to the holding circuit, clearly discloses circuit elements employed for maintaining the starting circuit which is closed after the push button is released. Therefore, we can not agree with appellant's contention.

Of course it is true, as pointed out by appellant with respect to claim 40, that the references do not show contacts which are actuated by movement of the tool to provide for a continuation of the forward stroke. The Board did not hold to the contrary. It pointed out that the claim does not require that the holding circuit is to be actuated by the movement of the tool, but "only upon the movement of the tool." That quoted expression can have reference to nothing except time. In other words, the time when the circuit would be actuated. Surely when any holding circuit is used in connection with a starting circuit or initiating a tool movement, such movement takes place when the starting circuit is closed and not by the movement of the tool.

Claims 50 and 51 are drawn to a specific form of work ejecting means. The work piece contact member in the Schwartz device and in the Leland device is spring urged and obviously will have a tendency to eject the work piece, as shown in appellant's structure and defined by those claims. The ejecting effect of the spring is necessarily governed by its strength in relation to the weight of the work piece to be affected. Therefore, the ejection means recited in claims 50 and 51 can not lend patentable distinction to claims 50 and 51 over the prior art.

[8] We have given careful consideration to the voluminous and carefully prepared brief of appellant, but are compelled to conclude that the rejection of the involved claims by the tribunals below was proper, and, therefore, the decision appealed from must be affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

U. S. Court of Customs and Patent Appeals

IN RE HORVITZ

No. 5465. Decided June 1, 1948

[168 F.2d 522; 78 USPQ 79]

1. PRACTICE—EXAMINER'S INTERPRETATION OF CLAIM INTER PARTES NOT BINDING ON BOARD OF APPEALS. Where in an interference involving an application of appellant filed later than the presently involved application, appellant moved to shift the burden of proof, basing such motion in part upon the disclosure of the presently involved application, and where in his decision on the motion, the Examiner interpreted the count in such manner as to hold that it was not supportable by the disclosure of the presently involved application, and appellant acquiesced in such interpretation and abandoned the contest; and where in the ex parte consideration of the claims of the presently involved application the Board of Appeals interpreted the count as though it did not contain the wording which was emphasized by the Examiner as his interpretation of the count, *Held* we can see no reason why the Examiner's decision in the interference has the effect of a final judgment or that it is of such form as to bind the Board of Appeals.

2. SAME—SAME.

Held that the acquiescence by appellant in the holding of the Examiner in the interference cannot preclude review of such question when the matter has been presented to the proper tribunals, and since appellant did not seek such review before the Board of Interference Examiners, the decision of the Board of Appeals in this proceeding is the first opportunity by a proper tribunal of the Patent Office to pass upon the meaning of the interference count in controversy.

3. CLAIMS—PROCESS—"COMPRISES."

It may be noted that the process recited in the claims "comprises" the recited operations in the claims. In patent parlance, the term "comprises" is inclusive.

4. INTERFERENCE—ABANDONMENT OF CONTEST—EFFECT THEREOF.

Held that in abandoning the contest, appellant in effect confessed judgment of priority of invention of the subject matter of the count thereof.

5. PATENTABILITY—METHOD OF EXPLORATION FOR OIL, GAS, ETC.

Certain claims to a method of exploration for oil, gas, and related deposits *Held* properly rejected as unpatentable over the issue of an interference in which appellant filed an abandonment of contest.

APPEAL from the Patent Office. Serial No. 263,750.

AFFIRMED.

Patrick J. Whelan (*J. G. McKean, Edward J. Mahler, W. F. Weigester,* and *Edwin M. Thomas* of counsel) for Horvitz.

W. W. Cochran (*J. Schimmel* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

Appellant appeals from a decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner rejecting claims 17, 21, and 22 of an application, Serial No. 263,750, filed March 23, 1939, entitled "Exploration by Soil Analysis." The claims were rejected as being unpatentable over the issues of and on the ground of estoppel arising out of the abandonment of contests by the appellant in two interferences, Nos. 78,304 and 79,340. Ten claims were allowed.

Claim 17 appears to be illustrative of the subject matter and reads as follows:

17. A method of exploration for oil, gas, and related deposits which are subject to leakage of diffusible constituents therefrom, which comprises collecting soil samples near the surface at laterally spaced points over the area to be explored, extracting from each sample, with the same solvent and under comparable conditions, a petroleum derived wax-like substance soluble in carbon tetrachloride, and determining the relative amounts of such substance extracted from the respective samples whereby the amounts so determined for the several samples may be correlated with sample locations to yield data useful in locating the deposits sought for.

The application relates to geochemical prospecting of ground for the purpose of locating petroleum bearing deposits beneath the surface of the earth without drilling. Broadly speaking, such methods are in use, many of which include analyses of soil samples taken from spaced points over land which is being investigated for some constituent, the strength or concentration of which varies according to its proximity to an oil deposit. It is said that significant constituents may seep upwardly from an oil deposit or that they may be normal constituents of the soil where the concentration over an oil deposit varies. A comparison of the sample contents of the selected constituent extracted from the samples indicates the probable location in which to sink an oil well. The constituent recited by appellant is called "soil wax," which is said to be a wax-like substance, whose definite composition appears to be unknown. The samples are treated with an organic solvent, such as carbon tetrachloride, for the purpose of removing therefrom all of the soluble organic matter leaving the sought material, which is then treated with a mineral acid, such as hydrochloric acid, which it was originally considered would render the wax material soluble in solvents for organic material. After treatment with mineral acid, the substance is treated with an organic solvent, such as carbon tetrachloride, and results in a yellowish-orange waxy substance. After evaporation, the residue of the various samples is expressed in percent weight. The varying results are then plotted on a map and contours drawn in order to determine their differences on the ground which has been prospected. It is said that the wax, by suitable treatment, is separable into two components referred to by appellant and called α-wax and β-wax.

The patents relied on were involved with the present application in the interferences hereinbefore mentioned, and are as follows: Smith, 2,312,271, February 23, 1943; Dunn, 2,320,577, June 1, 1943.

The patent to Smith discloses a method of locating subterranean petroleum deposits. It comprises taking samples from the soil surface, treating the samples with a weak solution of hydrochloric acid, and then extracting the non-gaseous hydrocarbon contents by means of carbon tetrachloride as a solvent.

The Dunn patent relates to geochemical prospecting, particularly to a method thereof, which involves the sampling of soils and the determination in surface soils of waxes which, it has been found, are correlated with the presence of deep-seated petroleum deposits. The process discloses the obtaining of soil wax by direct extraction thereof from the samples with a solvent, preferably pentane and without the intermediate acid treatment of appellant's process. In the process of the patent the solvent is evaporated and determination of the amount of soil wax is made by weighing.

It appears that on January 8, 1938, appellant filed an application, Serial No. 183,959, for a patent, entitled, "Exploration by Soil Analysis." While that application was pending, on March 23, 1939, he filed the instant application, Serial No. 263,750, with the same title. On November 13, 1939, appellant filed a third application, Serial No. 304,139.

The present application of appellant was involved in an interference, No. 77,335, with the application of the Smith patent, hereinbefore mentioned. Appellant, who was the senior party, moved to dissolve the interference on the ground that the counts thereof were not supported by the Smith application. The motion was denied, and the party Smith subsequently abandoned the contest under rule 107 of the Rules of Practice, U. S. Patent Office. The interference was thereupon dissolved, as provided by that rule, and the counts thereof appear in appellant's here involved application as allowed claims 15 and 16.

The same Smith application was involved in interference No. 78,304, running concurrently with interference No. 77,335. In the former of those two interferences, there was also involved the application of the Dunn patent hereinbefore mentioned, and the last application of appellant, No. 304,139. In that interference, the senior party was Smith, the intermediate party was appellant, and the party Dunn was the junior party. During the motion period, appellant moved to shift the burden of proof, relying upon his application, No. 183,595, which was subsequently abandoned. The party Dunn filed a motion to dissolve the interference, a motion to amend under rule 109, and a motion to set up an interference between himself and appellant on commonly disclosed subject matter. Appellant's motion to shift was denied, as was the motion of the party Dunn to dissolve. The motion of Dunn to amend was granted as to one count and his motion to set up a separate interference, which became interference No. 79,340, was granted.

In denying appellant's motion to shift the burden of proof, the Examiner held that application No. 183,595 did not support the counts. In a subsequent decision on a request for reconsideration of appellant's motion, appellant's present application was considered. The Examiner denied that request in the following language:

Application 263,750 states "The substance sought as it exists in the soil is insoluble in common organic solvents" (page 4, lines 10–11). Even with the omission suggested by counsel, the required steps include a solubilizing leach with acid, and then extraction of the residue with the carbon tetrachloride type of solvent. The language of the count requires "extracting from said samples the solid—constituents which are soluble in carbon tetrachloride." The quoted language does not include the process disclosed in 263,750.

After another count had been added, responsive to the said motion of the party Dunn, in interference 78,304, appellant abandoned the contest. Thereupon the interference was dissolved so far as appellant was concerned, but continued between the other two parties and resulted in priority of invention of the two counts of that interference being awarded to the party Smith. Those became the two claims of the Smith patent.

The third interference, 79,340, which was set up in response to the motion of the party Dunn in interference No. 78,304, involved the party Dunn and appellant. That interference was dissolved upon the filing by appellant of a notice to abandon the contest and the count of that interference appears as claim 4 of the Dunn patent above noted.

Claim 1 of the Smith patent reads as follows:

1. In the art of geological exploration, the method of locating petroleum deposits which comprises systematically collecting a series of samples of surface soil at spaced locations, extracting from said samples the solid, petroleum derived constituents which are soluble in carbon tetrachloride, measuring the relative amounts of said constituents and tabulating said measurements with respect to the original location of the samples.

[1] It may be remembered that appellant abandoned the contest of interference No. 78,304 the counts of which became the claims of the Smith patent. The Examiner took the position that the claims on appeal are so similar to count 1, that appellant is in fact contending for subject matter as to which he abandoned the contest and in the opinion of the Examiner there was no material distinction between claim 1 of the Smith patent, above noted, and involved claim 17. The Board of Appeals agreed with that reasoning of the Primary Examiner.

When appealed claim 17 and claim 1 of the Smith patent are examined there can be no question that each defines steps of collecting samples of surface soil from spaced locations over the area being prospected; that both the appealed claim and the patent claim recite the step of extracting a petroleum derived constituent, soluble in carbon tetrachloride; that the amount of such constituent is determined; and that such amounts of the constituent as are derived from the samples are utilized to indicate the presence or absence of subterranean petroleum deposits.

It will be noticed that the involved claim 17 differs from the said patent claim 1 in that claim 17 recites the step of "extracting from each sample, with the same solvent, and under comparable conditions, a petroleum derived wax-like substance soluble in carbon tetrachloride." It is contended by appellant that such difference was interpreted by the Examiner in interference No. 78,304 with respect to count 1, hereinbefore quoted from, in such a way as not to be supported by the disclosure of the herein involved application.

Appellant's contention is that, because the language of claim 1, which when it appeared as an interference count, had been interpreted by the Examiner as not supportable by the disclosure of the involved application, the Board erred in interpreting such patent claim as though it did not contain the wording which was emphasized by the Examiner, hereinbefore quoted, as his interpretation of the count. It appears that the Primary Examiner, who denied appellant's motion to shift, is the same Examiner who denied patentability to the rejected claims herein. However, we can see no reason why his decision in interference No. 78,304 has the effect of a final judgment under circumstances such as are here shown, or that it is of such force as to bind the Board of Appeals.

[2] Appellant was not compelled to accept the construction given the count in the interference by the Examiner. The decision on the motion to shift the burden of proof does not necessarily conclude an interference proceeding in which the priority rights of the parties are determined. A review of such decision may be had at final hearing by the Board of Interference Examiners. The acquiescence by appellant in the holding of the Examiner in interference No. 78,304 can not, in our opinion, by any proper reasoning, preclude review of such question when the matter has been presented to the proper tribunal. Appellant did not seek such review before the Board of Interference Examiners and the decision of the Board of Appeals in this proceeding is the first opportunity by a proper tribunal

of the Patent Office to pass upon the meaning of the interference count in controversy, when such count appears as an allowed claim.

As is quite obvious, appellant in his involved application and the patentee Smith in his specification disclose the same process steps. Both, as was clearly stated by the Board, disclose a modification of the soil samples by an acid or like treatment prior to the extraction step. That statement has not been challenged by appellant. Therefore, it can not be held in view of such similarity, that claim 1 of the Smith patent excludes preliminary acid treatment.

In our opinion claim 1 of the Smith patent is broad enough to cover the process defined in claim 17. Certainly another patent for the same broad process can not be issued.

Appellant does not contend that rejected claim 17 can be considered patentable if the Board's interpretation of claim 1 of the Smith patent is proper. Such contention could not properly be made in that event because rejected claim 17 and claim 1 of the patent would be directed to an identical process.

[3] It may be noted that the process recited in claim 1 of the Smith patent "comprises" the recited operations in the claim. In patent parlance, the term "comprises" is inclusive. *In re Cone*, 28 CCPA (Patents) 1282, 121 F.2d 470, 50 USPQ 54, 533 O. G. 1050. Therefore, it necessarily follows that claim 1 properly covers a method which includes preliminary acid treatment as well as a process without such treatment.

It has not been contended that any of the rejected claims contain limitations which would render them patentably distinct from the other claims on appeal and since they all stand or fall together, there is no necessity for separate treatment of them.

[4] In abandoning the contest in interference 78,304, appellant in effect confessed judgment of priority of invention of the subject matter of the count thereof, which is claim 1 of the Smith patent. In view of what we have said herein, it is unnecessary to discuss interference No. 79,340.

[5] Since we are in thorough accord with the decision of the Board of Appeals, that the rejected claims are unpatentable over the issues of interference No. 78,304, it is unnecessary to discuss the ground of estoppel arising out of the abandonment of the contest in interferences 78,304 and 79,340.

For the reasons hereinbefore set out, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,855,534, G. W. Williams, Jr., Turret type hangar for airplanes, filed July 26, 1948, D. C., S. D. Calif., C. Div., Doc. 8475–Y, *D. Patterson et al.* v. *Roto-Hangar Co., Inc., et al.*

1,863,211, E. J. Wimmer, Drip pan for toilet tanks; 2,180,902, Herodes & Janes, Flush tank moisture collection device; Des. 150,306, V. E. Laufenberg, Drip pan for water closet tanks, filed July 29, 1948, D. C., N. D. Ill., E. Div., Doc. 48c1089, *Laufenberg, Inc.*, v. *Goldblatt Bros., Inc.*

1,909,537, R. M. Hollingshead, Jr., Drive-in theatre, filed Aug. 6, 1948, D. C., W. D. N. C. (Charlotte), Doc. —, *Park-In Theatres, Inc.*, v. *G. W. Ferguson et al.*

1,935,577. (See T. M. 259,980.)

2,009,361, J. Lawson, Knitted fabrics, filed July 27, 1948, D. C. Mass., Doc. 7748, *Scott & Williams, Inc.*, v. *Lasticnit Co., Inc.*

2,068,148. (See 2,422,704.)

2,160,096, E. Swan, Garment, filed Aug. 6, 1948, D. C., N. D. Ohio, E. Div., Doc. 25797, *Hollywood Rogue Sportswear Corp. et al.* v. *Campus Sweater & Sportswear Co.*

2,180,902. (See 1,863,211.)

2,242,408, E. D. Turnham, Merchandise handler, filed Aug. 10, 1948, D. C., S. D. Tex. (Houston), Doc. 4398, *The Kroger Co.* v. *J. Weingarten.*

2,251,284, 2,254,224, J. S. Kamborian, Lasting footwear, D. C. Mass., Doc. 2751, *International Shoe Machine Corp.* v. *United Shoe Machinery Corp.* Patent held valid and infringed, injunction Dec. 11, 1948.

2,254,224. (See 2,251,284.)

2,304,043, J. S. Weaver, Dry shaver; 2,332,379, A. B. Harris, same, D. C., W. D. Mo. (Kansas City), Doc. 4753, *A. B. Harris* v. *Washington Shirt Co.* Bill dismissed Aug. 9, 1948.

2,311,763, L. C. Lanfare, Liquid pouring, filed July 27, 1948, D. C., E. D. Mich., S. Div., Doc. 7504, *L. C. Lanfare* v. *De Luxe Products Co.*

2,313,598. H. Stock, Furrier's knife; 2,418,958, same, Blade chopper, filed Aug. 4, 1948, D. C., S. D. N. Y., Doc. 46798, *H. Stock* v. *A. Westpfal.*

2,332,379. (See 2,304,043.)

2,349,809, C. F. Black, Clamp, filed July 28, 1948, D. C., S. D. N. Y., Doc. 46–736, *Central Equipment Co.* v. *The Actus Corp.*

2,352,009, V. E. Robbins, Metalworking device, filed July 30, 1948, D. C., S. D. Tex. (Houston), Doc. 4379, *Magic Tools, Inc.*, v. *Rivette Mfg. Co. et al.*

2,418,958. (See 2,313,598.)

2,422,704, Russell & Barker, Closure device for building aperture; 2,068,148, V. J. Moir, Shutter awning, D. C., N. D. Ohio, E. Div., Doc. 25566, *The F. C. Russell Co. et al.* v. *The Kramic Corp.* Dismissed without prejudice July 19, 1948.

Des. 149,037, G. Backer, Woven plastic fabric, filed Aug. 4, 1948, D. C., S. D. N. Y., Doc. 475, *Newcastle Fabrics Corp.* v. *Gordon Textile Co., Inc.*

Des. 150,045, H. S. Zaikaner, filed July 30, 1948, D. C., S. D. N. Y., Doc. 46/769, *Rusak Industries, Inc.*, v. *Carnival Toy Mfg. Co., Inc.*

Des. 150,306. (See 1,863,211)

T. M. 259,980, Carbide & Carbon Chemicals Corp., Artificial resins in powder form or in the form of plates or sheets; 1,935,577, E. W. Reid, Vinyl resin, filed July 29, 1948, D. C., E. D. La. (New Orleans), Doc. 2199, *Valite Corp.* v. *Carbide & Carbon Chemicals Corp.*

T. M. 314,493, J. L. Youngshusband, Lipstick and rouge; T. M. 407,797, Associated Distributors, Lipstick, rouge, deodorant, etc.; T. M. 426,323, T. M. 431,835, T. M. 418,522, Consolidated Cosmetics, Perfume, face powder, etc., D. C., N. D. Ill., E. Div., Doc. 48c1017, *Consolidated Cosmetics* v. *F. Aliotte et al.* Cause dismissed, defendants enjoined from infringing Aug. 5, 1948.

T. M. 407,797. (See T. M. 314,493.)

T. M. 418,522. (See T. M. 314,493.)

T. M. 426,323. (See T. M. 314,493.)

T. M. 431,835. (See T. M. 314,493.)

NOTICES

Extension of Time for Renewing Trade-Mark Registrations: Czechoslovakia

By the President of the United States of America

A PROCLAMATION

WHEREAS by the act of Congress approved July 17, 1946, 60 Stat. 568, the President is authorized, under the conditions prescribed in that act, to grant an extension of time for the fulfillment of the conditions and formalities for the renewal of trade-mark registrations prescribed by section 12 of the act authorizing the registration of trade-marks used in commerce with foreign nations or among the several States or with Indian tribes, and to protect the same, approved February 20, 1905, as amended (15 U. S. C. 92), by nationals of countries which accord substantially equal treatment in this respect to citizens of the United States of America:

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by the aforesaid act of July 17, 1946, do find and proclaim that with respect to trade-marks of nationals of Czechoslovakia registered in the United States Patent Office which have been subject to renewal on or after September 3, 1939, there has existed during several years since that date, because of conditions growing out of World War II, such disruption or suspension of facilities essential to compliance with the conditions and formalities prescribed with respect to renewal of such registrations by section 12 of the aforesaid act of February 20, 1905, as amended, as to bring such registrations within the terms of the aforesaid act of July 17, 1946; that Czechoslovakia accords substantially equal treatment in this respect to trade-mark proprietors who are citizens of the United States; and that accordingly the time within which compliance with conditions and formalities prescribed with respect to renewal of registrations under section 12 of the aforesaid act of February 20, 1905, as amended, may take place is hereby extended with respect to such registrations which expired after September 3, 1939, and before June 30, 1947, until and including December 31, 1948.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this twenty-first day of August, in the year of our Lord nineteen hundred and forty-eight and of the Independence of the United States of America the one hundred and seventy-third.

[SEAL]

HARRY S. TRUMAN.

By the President:
G. C. MARSHALL,
Secretary of State.

Proclamation 2805—Aug. 21, 1948.

International Convention for the Protection of Industrial Property

Adherence of the Netherlands to the London 1934 Revision

The Secretary of State has been notified by the Legation of Switzerland of the adherence, effective August 5, 1948, of the Netherlands to the International Convention for the Protection of Industrial Property as last revised at London on June 2, 1934. This adherence includes the Netherlands Indies, Surinam and Curaçao.

LAWRENCE C. KINGSLAND,
Commissioner of Patents.

August 26, 1948.

Adjudicated Patent

(C. C. A. Conn.) Woodfine patent, No. 1,916,905, for margin regulator for typewriters, claims 1 to 3 *Held* infringed. *Royal Typewriter Co.* v. *Remington Rand Inc.*, 168 F.2d 691; 77 USPQ 294.

Disclaimers

2,047,131.—*Arthur L. Eiche*, Freeport, Ill. MULTIPORT PLATE TYPE VALVE. Patent dated July 7, 1936. Disclaimer filed Aug. 23, 1948, by the assignees, *Automatic Pump & Softener Corporation*, and *Lee G. Daniels.*

Hereby enter this disclaimer to claims 1, 2, 5, 7, and 8 of said patent.

2,376,200.—*Leonard Smidth*, New York, N. Y. PROCESS FOR TREATING FIBROUS MATERIALS AND PRODUCTS SO PRODUCED. Patent dated May 15, 1945. Disclaimer filed Aug. 20, 1948, by the patentee.

Hereby enters this disclaimer to claims 8 and 11 of said patent.

2,414,197.—*Ralph E. Gignoux*, Bakersfield, Calif. HYDRAULIC DRIVE FOR HOISTS OR THE LIKE. Patent dated Jan. 14, 1947. Disclaimer filed Aug. 18, 1948, by the inventor: the assignee, *Vickers Incorporated*, assenting.

Hereby enters this disclaimer to claims 2, 8, 9, 10, and 11.

Examination

In accordance with the provisions of Rule 17 of the Rules of Practice, an examination for the registration of attorneys and agents to practice before the United States Patent Office will be held on Monday, November 15, 1948.

This examination will be given under the direction of the Civil Service Commission, and may be taken in any of the cities of the country in which the Civil Service Commission regularly conducts examinations. Applications to take the examination must be directed to the Commissioner of Patents and filed in the Patent Office not later than October 20, 1948.

Application blanks may be obtained from the Clerk of the Committee on Enrollment, Room 1859, Department of Commerce Building.

THOMAS F. MURPHY,
Chairman, Committee on Enrollment.

August 16, 1948.

Cancellation Notice

Carl Cannon, his assigns or legal representatives, take notice:

A petition for cancellation having been filed in this Office by Handy & Harman, Inc., 82 Fulton St., New York 7, N. Y., to effect the cancellation of trade-mark registration of Carl Cannon, 6309 Yale Ave., Chicago, Ill., No. 256,286, dated May 14, 1929, and the notice of such proceeding sent by registered mail to the said Cannon at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Cannon, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order, the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JOE E. DANIELS,
Assistant Commissioner of Patents.

Aug. 10, 1948.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries. Executive Office of the President, Bureau of the Budget)

Pat. 2,436,613. AUTOMATIC CIGARETTE HOLDER. Patented Feb. 24, 1948. Tapered holder has the usual bit, enlarged cigarette-holding socket, and smoke passage. The socket, however, is slotted to provide a seat for a flexible, wedge-shaped clamping jaw pivotally seated in the slot of the socket. The jaw is slightly thicker than the socket wall and forms an imperfect circle which holds the cigarette firmly. When the lower end, or handle, of the jaw is depressed, the jaw is raised allowing the cigarette to be shaken from the holder. (Owner) Wilford P. Sinclair, Ryland, N. C. Groups 30—32; 39—96. Reg. No. 9,910.

Pat. 2,443,489. GRINDING TOOL. Patented June 15, 1948. This grinding tool for refacing valve seats is constructed to allow a cooling fluid such as oil or water to be introduced under pressure to the working face of the tool from a point adjacent the tool. The grinding wheel of the tool is flexibly joined to a rotary drive shaft so that it is coaxial with a pilot shaft. Communicating ways in the drive shaft, joint, wheel, and pilot shaft conduct fluid directly to the working face of the grinding wheel and to the outer face of the pilot shaft. This cooling fluid serves not only to wash away grindings, but to take up clearance to effect simple and accurate refacing of the valve seat. (Owner) Paul Weynand, 112 Kayton Ave., San Antonio 3, Tex. Group 35—43. Reg. No. 9,911.

Pat. 2,441,487. COLLAPSIBLE AUXILIARY GUNSTOCK. Patented May 11, 1948. A collapsible telescopically extensible attachment for a gunstock, arranged to swing on a pivot mounting into and out of a channel in the lateral face of the gunstock. Adjustable to the opposite shoulder from which the gun-butt rests to steady, support, and brace the gun while sighting. Operates as an additional absorbent of any kickback force of the gun during firing. (Owner) Herman Gordon Howard, 521 Majestic Bldg., Sixteenth at Broadway, Denver 2, Colo. Group 33—97. Reg. No. 9,912.

Pat. 2,442,950. REFUSE INCINERATOR WITH TIN CAN COMPARTMENT. Patented June 8, 1948. Incinerator has a central outlet and an interior divided into a combustion chamber and an ash pit by a series of alternately placed grates horizontally mounted one above the other over a gas burner. Spacing between bars, which compose the grates, diminishes toward the lowest grate. A separate tin can compartment is arranged in front of the combustion chamber just below a top opening. The grate of this latter compartment slopes toward the front so that tin cans may be discharged outside the incinerator housing. The construction ensures the complete combustion of garbage or trash as it falls from grate to grate. The same heat also renders the cans more easily destructible for later crushing. The incinerator shown is made of concrete. (Owner) Claude J. Harding, P. O. Box 1292, Plainview, Tex. Group 33—69. Reg. No. 9,913.

Pat. 2,322,329. FLARE. Patented June 22, 1943. This automatic flare for highway warnings is self-igniting when thrown or dropped. Flare material is held within a cardboard casing having a central tube, or core, perforated near the top, the perforations sealed by a band coated with a combustible material such as that found on ordinary friction matches. The casing rests on a spring seated in a weighted, self-righting base. The base has a stem which moves within the central tube, the stem carrying a gritty striker near the top which rubs the combustible surface and pushes a plug from the top of the tube when thrown. The flare, when dropped, bounces several times because of the spring, ensuring the frictional ignition of the flare material. A bail handle completes the structure. (Owner) Adrian G. Venn, 1065 Bergen St., Brooklyn, N. Y. Group 28—97. Reg. No. 9,914.

Pat. 1,923,499. AUTOMATIC TRAIN CONTROL. Patented Aug. 22, 1933. A remotely controlled automatic system for electric trains in which a semaphore gives appropriate signal depending upon the setting of a switch which controls the starting and stopping of the train. One of the main rails of the system has an insulated section. The wheel of train traveling on this rail is electrically connected with its axle, while the other wheel is insulated. Terminals of motor are connected, one to driving axle and the other to a power rail. A source of current is connected to the power rail and to the rail having the insulated section. Depending upon the action of a pair of solenoids, the core of a plunger associated with the solenoids moves the semaphore arm to the selected position and operates an electro-magnetic relay switch to start or stop the train. (Owner) William Naken, 1635 West Pratt Blvd., Chicago 26, Ill. Group 36—19. Reg. No. 9,915.

Pat. 2,443,596. RECIPROCATING BENDER WITH PIVOTED SIDE SHAPERS. Patented June 22, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) This apparatus is especially adapted for forming sheet material into stream-lined or tear-drop shaped pieces required for certain aircraft parts. A pair of female dies having quarter-circular inner surfaces are rotatably mounted in a U-shaped base. These dies cooperate with a substantially circular male die having a fitted ram. In the forming operation, a sponge rubber pad is placed between the workpiece and the male die, and a block inserted between the female dies before pressure is applied. The block is then removed, and more pressure applied. This causes the female dies to rock toward each other, bending the upper ends of the workpiece into contact with the sides of the ram. When withdrawn axially of the male die, a finished workpiece teardrop shaped in cross section results. (Owner) James E. Cahill, 312 Columbus Ave., Trenton 9, N. J. Group 35—43. Reg. No. 9,916.

Pat. 2,442,779. TELESCOPING POST. Patented June 8, 1948. Includes several pairs of inner and outer tubes with identical locking devices. A sleeve is mounted on each inner member and has an inwardly projecting shoulder and a loosely mounted cramping ring mounted within a collar above the shoulder. The collar has an upwardly extending pin to tilt the ring and cramp it on the inner member and prevent the inner tube from telescoping within

the outer tube. To permit the tubes to telescope, the sleeve of lowest inner tube is pushed upwardly toward a smaller tube straightening the cramping ring and permitting the two next tubes to telescope. (Owner) Joseph Oriold, 599 Spadina Ave., Toronto, Ontario, Canada. Group 39—39. Reg. No. 9,917.

Pat. 2,443,379. REFRIGERATING SYSTEM OF THE INERT GAS TYPE. Patented June 15, 1948. A refrigerating system having three continuous cycles involving the activity of ammonia, distilled water, and hydrogen gas. Heat is applied to the generator and expels ammonia vapor from the solution through the ammonia vapor chamber into the condenser, where the ammonia vapor is condensed to liquid. The liquid ammonia flows from the condenser to the evaporator and through a connection having two branches. One branch extends to an inert gas chamber, and the other to a water and ammonia solution tank. An inert gas return connection extends from the ammonia vapor chamber to the solution tank associated with a spiral absorber coil (one above and one below the solution tank) so that ammonia evaporates and diffuses into the hydrogen, producing a refrigerating effect in the refrigerator cabinet. (Owner) F. E. Dixon, 1819 West 70th St., Los Angeles, Calif. Group 35—84. Reg. No. 9,918.

Pat. 2,442,902. LATCH FOR MENU FRAMES. Patented June 8, 1948. A clip or latch for insertion through aligned openings in the upper end of a conventional 2-sheet frame between the sheets of which a menu is visible on each side. Latch consists of a small U-shaped flexible sheet cut at each end to form three fingers. The center fingers are overlapped, forming a cylindrical body which fits snugly within the aligned openings in the sheets of the frame. For insertion, the fingers at one side may be bent to the contour of the cylindrical body, but once in place, the side fingers are straight and engage the outer faces of the frame. (Owner) Thomas E. Moore, 501 Avenue I, S. E., Winter Haven, Fla. Groups 33—73; 39—81; 40. Reg. No. 9,919.

Pat. 2,443,571. PENCIL GRIPPER. Patented June 15, 1948. A finger grip and shank extender for use on an ordinary pencil. A hollow tube (preferably of plastic), tapering at one end and corrugated on outer side, provides a non-slipping finger grip. The interior of the tube has at least two portions having bores of different diameters, one large enough to admit a pencil. The smaller bore is near the tapering end. An annular right-angle shoulder is formed by the intersection of the base of a larger bore and the wall of a smaller bore. For use in extending pencil stubs, gripper is placed on the unsharpened end of pencil. For use as a gripper, the sharpened end of pencil is pushed through the larger bore of gripper until it is stopped by the right-angled shoulder, the point extending through and beyond the tapering end. A tight clamping action occurs at this interface. (Owner) George W. Wherry, 817 North Dearborn St., Chicago, Ill. Groups 39—52—81; 40. Reg. No. 9,920.

Pat. 2,160,769. RENOVATOR FOR NECKTIES. Patented May 30, 1939. A device for removing wrinkles from neckties. The renovator consists of an outer hinged casing which fits over a perforated metal form having an inner heating element and covered by a layer of asbestos or a like absorbent material. In use, the form is moistened and inserted within the necktie to be pressed, and the whole covered by the hinged outer casing. Heat passing through the perforations vaporizes the moisture so that the necktie is steamed. The round lateral edges of the device prevent sharp creases at the edges of the tie, while the steam restores the fresh appearance of the tie without damaging the fabric. Owner has model, mold, and dies. (Owner) David Weisberger, First National Bank Bldg., Scranton 3, Pa. Groups 35—81; 36—21; 40. Reg. No. 9,921.

Pat. 2,439,560. ANIMAL SNARE. Patented Apr. 13, 1948. This snare is especially adapted for trapping large animals so that the fur of the animal is not damaged. The snare is formed of a long flexible multi-strand cable having a lock at one end and an anchor at the other. The lock is tubular and outwardly flared at one end, provided with a V-notch and a pair of toothed edges. The cable extends loosely through the tubular portion and combines with the lock to form a noose. When the noose is tightened around the neck of animals caught in the snare, the noose tends to swing the lock in a clockwise direction, causing the serrated edges to bite into the cable. This effectively prevents slipping and resists movement in an opposite direction. (Owner) Robert S. Connor, Little Marais, Minn. Group 33—49. Reg. No. 9,922.

Pat. 2,436,899. CIRCULAR CUTTER. Patented Mar. 2, 1948. Attachment for a drill press or other standard machine tools for cutting circular sections from sheet material. The cutter is formed of a rib-reinforced upper plate and a slotted lower plate attached to the central shaft of a drill press. The plates are separated by four sectional walls which constitute a framework. The slots in the lower plate permit the travel of a series of four cutter units, each composed of a cutting disk rotatably mounted in a holder. The units may be separately adjusted to any diameter by a bolt threaded through each of the holders and supported by a wall segment and the central shaft. A single circular section may be quickly cut if all units are set to the same diameter, or, if a series of concentric circles or rings are desired, each of the disks may be set to a different diameter. (Owner) P. E. Rivest, 1025 King St., London, Ontario, Canada. Group 35—43. Reg. No. 9,923.

Pat. 2,444,491. CLOTHES WASHING IMPLEMENT. Patented July 6, 1948. A miniature washboard has a ribbed plate sized to fit against the palm of user's hand while washing small articles in a basin. A raised pocket at end of back of ribbed plate has finger holes for insertion of user's fingers, and a recess is provided at side for the thumb, so that the washboard may be held firmly. A box-like receptacle, open at one end, for soap, sewing accessories, etc., fits in the pocket when not in use. A cover envelops the open end of the receptacle and the end portion of the plate and locks the two together. May be made of plastic, light metal, or the like. (Owner) C. V. Berry, 3 Mount Morris Park, New York, N. Y. Groups 34—41; 35—81; 39—81; 40. Reg. No. 9,924.

Des. Pat. 149,970. DESIGN FOR AN ANDIRON. Patented June 15, 1948. Base portion of each andiron is surmounted by an upright in the form of a letter of the alphabet. (Owner) John W. Rehfuss, 1040 Washington Ave., Albany 3, N. Y. Group 33—59. Reg. No. 9,925.

The following patents are owned by Herbert E. Page, 2846 Westshire Drive, Hollywood 28, Calif.

Pat. 2,355,672. ELECTRIC SHAVER. Patented Aug. 15, 1944. Shaver has a perforated cylindrical outer cutting head mounted for free rotation so that it may be freely rolled over the skin during the shaving operation. A similar head nested within the outer head is independently driven by either a solenoid or an electric motor. Several embodiments are shown. In one, both heads are mounted for free rotation on a common shaft, with the inner head reciprocated within the outer head by the solenoid. In

others, the inner head is either oscillated or rotatably driven within the outer head by the motor. The heads may also be mounted either longitudinally or transversely at the front end of the body of the shaver. Group 33—51. Reg. No. 9,926.

Pat. 2,381,867. HAIR CLIPPER. Patented Aug. 14, 1945. Shaver is provided with a perforated flexible outer cylindrical cutting head mounted for free rotation so that it may be freely rolled over the skin during the shaving operation. A slightly smaller cylindrical cutting head is reciprocated within the outer head by an electric motor. The inner head may be formed with an eccentric bore whereby one portion of its cylindrical wall is thinner than the other. This thin portion is perforated to provide a cutting edge. The outer head is loosely held on the inner head so that normal shaving pressure on the outer head will urge it inwardly and maintain it in frictional contact with the cutting surface of the inner head. Modifications are shown. Group 33—51. Reg. No. 9,927.

Pat. 2,401,292. DRY SHAVER. Patented June 4, 1946. Shaver is provided with a perforated frusto-conical shaped outer cutting head mounted for free rotation so that it may be freely rolled over the skin during the shaving operation. A pair of elongated blades extending longitudinally within the outer head are pivoted at their inner ends to opposite ends of a cross bar, which is operatively connected to a motor disposed within the handle of the shaver. When the cross bar is rotated, the blades swing radially outwardly into frictional contact with the inner surface of the outer head. A modification is shown. Group 33—51. Reg. No. 9,928.

Pat. 2,418,722. DRY SHAVER. Patented Apr. 8, 1947. Shaver has a perforated cylindrical outer cutting head mounted for free rotation so that it may be freely rolled over the skin during the shaving operation. A similar cutting head nested within the outer head is independently rotated by a motor. Normally the outer head is restrained from revolving with the inner head by a fixed brake shoe on a post within the body of the shaver. The shoe engages a sleeve on which the outer head is mounted. As the outer head is pressed against the skin, both heads, the sleeve, and all operating parts including the motor, pivot as a unit with the sleeve moving away from the shoe, thereby releasing the outer head for free rotation. Group 33—51. Reg. No. 9,929.

Pat. 2,440,061. POWER-DRIVEN DRY SHAVER. Patented Apr. 20, 1948. Shaver has a perforated cylindrical outer cutting head mounted for free rotation so that it may be freely rolled over the skin during the shaving operation. A pair of perforated co-axial cylindrical cutting heads in end-to-end relation are nested within the outer head. The inner heads are rotated in opposite directions by a motor to prevent them from causing rotation of the outer head so that it remains stationary until pressed against and rolled over the skin. Group 33—51. Reg. No. 9,930.

Pat. 2,440,114. DRY SHAVER. Patented Apr. 20, 1948. Shaver has a perforated cylindrical outer cutting head mounted for free rotation so that it may be freely rolled over the skin during the shaving operation. A similar freely rotatable inner cutting head is axially reciprocated within the outer head by an electric motor. The inner head is smaller than the outer head and so mounted that springs urge it into eccentric relationship to the outer head to obtain light, resilient, frictional engagement between the heads at the cutting point only, thus minimizing drag. Group 33—51. Reg. No. 9,931.

Des. Pat. 147,807. DESIGN FOR A DRY SHAVER. Patented Nov. 4, 1947. Group 33—51. Reg. No. 9,932.

Pat. 2,129,866. TYPEWRITER MECHANISM. Patented Sept. 13, 1938. Typewriter having a normally idle motor may be manually operated as an ordinary machine without any power, or with any amount of power from minimum to maximum to supplement the force applied by typist. This permits a typist to quickly become accustomed to the machine by gradually increasing the power. To energize the motor, the machine may utilize two successively operated relays, and individual shields for each key for interrupting the light beam of a photo-electric cell. Slight depression of any key causes one relay to close a circuit and partially energize the motor without causing type heads to strike platen. Further depression of the key causes the second relay to close a circuit to supply stronger current to the motor for actuating the type heads. This delayed action feature gives the typist an opportunity to remove her finger from a key without type heads striking, should she slightly depress the wrong key. Modifications are shown. Group 35—72—79. Reg. No. 9,933.

Pat. 2,167,086. WASHING APPARATUS. Patented July 25, 1939. In this washing machine the agitator is oscillated during the washing operation and rotated at high speed during the drying or extracting operation. A clothes basket is mounted in a compartment containing washing fluid, and the agitator is suspended in the basket from above by a universal joint. During the washing operation the basket remains stationary, but during the drying operation the basket is clutched to the agitator so that both rotate as a unit. When the basket is clutched to the agitator, a valve is automatically opened to permit the washing fluid to drain into a lower compartment. A spring normally holds a clutch cone into engagement with a clutch pan to oscillate the agitator. When the clutch is disengaged, the agitator may be rotated at high speed. Manipulating a foot pedal controls operation of the machine. Group 35—81. Reg. No. 9,934.

Pat. 2,414,606. DRAFTING BOARD. Patented Jan. 21, 1947. A drawing may be held flat on this drafting board by vacuum and rotatably adjusted without being smeared. The base has a recess in which a circular body is rotatably mounted. A rectangular cavity in the top of the body is covered with perforated board to form a vacuum chamber in the body. Plungers in the base of board are utilized to create a vacuum in the cavity. After creation of the vacuum, the body may be freely rotated (or held in desired position) without disturbing the vacuum. Group 39—54. Reg. No. 9,935.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 14, 1948

[VOL. 614. NO. 2]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 2

RECEPTACLES

Ser. No. 502,238. THE STEEDS-PRALL COMPANY, Cleveland, Ohio, assignor to Thomas A. Steeds. Filed May 16, 1946.

FLORET

FOR COASTERS MADE OF PLASTIC MATERIAL SUCH AS CELLULOSE-ACETATE, AND USED AS SUPPORTS OR GUARDS FOR TUMBLERS.

Claims use since Apr. 8, 1946.

Ser. No. 505,419. MORRIS E. JONES, doing business as Jems Company, St. Louis, Mo. Filed July 11, 1946.

JEMS

FOR COASTERS MADE FROM A BASE METAL.

Claims use since Mar. 1, 1942.

Ser. No. 513,494. BURWOOD PRODUCTS COMPANY, Traverse City, Mich. Filed Nov. 30, 1946.



No claim is made to the word "Genuine" apart from the mark shown.

FOR CANDY BOXES; CARD BOXES; BUD VASES; DESK TRAYS; PIN TRAYS; WHISK BROOM AND BRUSH HOLDERS FORMED OF COLD-MOLDED WOOD PLASTIC.

Claims use since Feb. 1, 1925.

Ser. No. 526,292. WM. RICHMAN SUPPLY CORP., New York, N. Y. Filed July 4, 1947.

ROCKLITE

FOR PLASTIC DINNERWARE—NAMELY, PLATES, PLATTERS, CUPS, AND SAUCERS.

Claims use since July 25, 1945.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 509,603. ROYAL DALTON, LTD., St. Louis, Mo. Filed Sept. 23, 1946.



The word "Dri" and the representation of the bag appearing on the drawing are disclaimed apart from the mark.

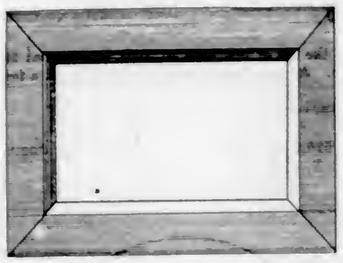
FOR RETICULES OR UTILITY BAGS OF LEATHER AND IMITATION LEATHER FOR CARRYING BABIES' ACCESSORIES.

Claims use since Sept. 3, 1946.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 518,824. CHURCH & DWIGHT CO. INC., New York, N. Y. Filed Mar. 11, 1947.



The drawing is lined for blue, and for shading. The trade-mark consists of an oblong rectangular band, colored blue.

FOR BAKING SODA AND BICARBONATE OF SODA FOR USE AS A CLEANING AND WASHING AGENT.
Claims use since March 1930.

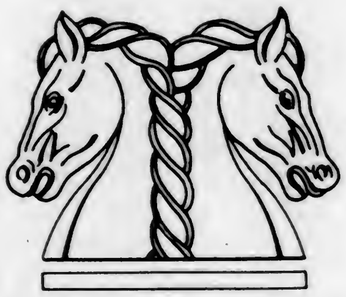
Ser. No. 520,650. RED SPOT PAINT & VARNISH CO., INC., Evansville, Ind. Filed Apr. 14, 1947.

RED SPOT

SUDSIQUICK

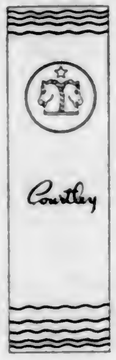
FOR SYNTHETIC TYPE OF SOAP AND GREASE REMOVER.
Claims use since Nov. 1, 1946.

Ser. No. 524,302. COURTLEY, LTD., New York, N. Y. Filed June 17, 1947.



FOR SOAPS, AND SHAVING CREAMS AND SOAPS.
Claims use since September 1937.

Ser. No. 524,303. COURTLEY, LTD., New York, N. Y. Filed June 17, 1947.



FOR SHAVING CREAMS.
Claims use since January 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 509,802. UNIT LABORATORIES, INC., Beaumont, Tex. Filed Sept. 26, 1946.



The words "Purity," "Accuracy," "Dependable" are disclaimed apart from the mark as shown.

FOR CALAMINE LOTION FOR EXTERNAL APPLICATION TO THE SKIN IN RELIEVING LOCAL SKIN ABRASIONS AND IRRITATIONS, AND MINERAL OIL FOR MEDICINAL PURPOSES, TAKEN INTERNALLY.
Claims use since June 5, 1946.

Ser. No. 512,022. MILDRED S. RUBEY, Jeffersonville, Ind. Filed Nov. 4, 1946.

STA-KLER

FOR MEDICATED CLOTH FOR TREATMENT OF THE SKIN.
Claims use since Feb. 15, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 508,544. NICRO STEEL PRODUCTS, INCORPORATED, Chicago, Ill. Filed Sept. 5, 1946.

NICRO

FOR NON-ELECTRIC COFFEE POTS AND COFFEE MAKERS OF THE VACUUM AND PERCOLATING TYPES, DOUBLE BOILERS, SAUCE PANS, ROASTING PANS AND FRYING PANS, ALL OF THE FOREGOING BEING MADE OF BASE METAL.
Claims use since May 1937.

Ser. No. 510,425. THE COLUMBUS MCKINNON CHAIN CORPORATION, Tonawanda, N. Y. Filed Oct. 8, 1946.

INSWELL

FOR GENERAL PURPOSE CHAINS.
Claims use since Feb. 1, 1921.

Ser. No. 523,649. THE COLORADO FUEL AND IRON CORPORATION, Denver, Colo. Filed June 6, 1947.

Realock

FOR WIRE FENCING.
Claims use since Apr. 17, 1947.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 492,347. OSCAR MAHLER, doing business as The Techema Company, Toronto, Ontario, Canada. Filed Nov. 28, 1945.

COLOFORM

FOR PAINT REMOVER.
Claims use since May 15, 1939.

Ser. No. 515,835. HAMPDEN COLOR AND CHEMICAL COMPANY, Springfield, Mass. Filed Jan. 16, 1947. Under 10-year proviso.

Hampden

FOR READY-MIXED PAINTS, COLORS IN OIL, PAINTS FOR MASONRY, SOIL-RESISTANT PAINT, HEAT AND CHEMICAL RESISTANT ENAMELS IN THE FORM OF PAINT, PASTE AND LIQUID FILLERS FOR WOOD, INTERIOR FLAT FINISH, GRAPHITE PAINT FOR METAL SURFACES, BOILER COVERING PAINT, PAINT FOR THE EXPOSED SURFACES OF STRUCTURAL IRON AND STEEL, IRON-ORE PAINT, MILL WHITE PAINT, DRY COLORS AND PULP-COLORS.
Claims use since 1882.

Ser. No. 521,356. MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn. Filed Apr. 25, 1947.

UNDERSEAL

FOR RUST, CORROSION AND ABRASIVE RESISTANT RUBBERIZED COATING MATERIAL, IN SPRAYABLE FORM, FOR PROTECTIVELY COATING EXPOSED SURFACES OF AUTOMOBILES SUCH AS CHASSIS, FENDERS AND OTHER SIMILARLY EXPOSED PARTS.
Claims use since Nov. 4, 1946.

Ser. No. 522,721. WALTER N. BOYSEN CO., Oakland, Calif. Filed May 20, 1947.



The representation of a paint can with paint pouring therefrom is disclaimed apart from the mark.

FOR PAINTS, BOTH PASTE AND LIQUID; VARNISHES, COLORS FOR PAINTS AND ENAMELS, AND ENAMELS FOR PAINTING AND BAKING.
Claims use since May 1932.

CLASS 19

VEHICLES

Ser. No. 497,854. THE FIRESTONE TIRE & RUBBER COMPANY, Akron, Ohio. Filed Mar. 8, 1946.

Super Flex

FOR VEHICLE SUSPENSIONS FOR USE ON AIRCRAFT—NAMELY, AIRPLANE UNDERCARRIAGES, SHOCK ABSORBERS, SHOCK STRUTS, LANDING GEAR, AND RUBBER SPRINGS.
Claims use since Oct. 21, 1944.

Ser. No. 502,972. LAWRENCE J. GEHRLEIN, doing business as Larry's Welding Shop, Erie, Pa. Filed May 29, 1946.



The trade-mark consists of a fanciful representation of a man in overalls with a welding mask substituted for the head of the man and welding gloves disposed on the hands of the man, the hands of the man grasping the ends of two lines.

FOR TRUCK BODIES, TRUCK CABS, AND TRACTOR CABS.

Claims use since July 1, 1943.

CLASS 20

LINOLEUM AND OILED CLOTH

Ser. No. 504,722. L. E. WARFORD, doing business as Meiflex Products Company, Akron, Ohio, assignor to Meiflex Products Company, Akron, Ohio, a corporation of Ohio. Filed June 27, 1946.

MEL-FLOR

The word "Flor" is disclaimed apart from the mark.

FOR SHEET MATERIAL COMPOUNDED OF RUBBER FOR GREAT RESISTANCE TO WEAR AND ABRASION AS A FLOOR COVERING TO BE AFFIXED WITH A CEMENTING MIXTURE.

Claims use since August 1928.

Ser. No. 519,941. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Apr. 1, 1947.

Koroseal

FOR FLOOR COVERING IN THE FORM OF FLEXIBLE SHEETS, STRIPS AND TILE MADE OF PLASTIC RESILIENT VINYL RESIN MATERIAL.

Claims use since Mar. 7, 1946.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 511,502. RAILLEY CORPORATION, Cleveland, Ohio. Filed Oct. 25, 1946.

This is a New
Plastisilk Shade
WASHABLE, DURABLE, DUSTABLE

The words "This is a New," "Shade," and "Washable, Durable, Dustable," are disclaimed apart from the mark.

FOR ELECTRIC LAMP SHADES.

Claims use since Sept. 11, 1946.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 511,195. ARGUS, INCORPORATED, Ann Arbor, Mich. Filed Oct. 21, 1946.

ARGOTAR

FOR PHOTOGRAPHIC LENSES.

Claims use since Sept. 12, 1946.

Ser. No. 524,078. PERRYGRAF CORPORATION, Maywood, Ill. Filed June 12, 1947.

Poker Coach

No claim is made to the word "Poker" apart from the mark.

FOR PRINTED SLIDE-CHARTS SHOWING PERCENTAGE POSSIBILITIES OF VARIOUS POKER HANDS.

Claims use since Feb. 1, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 490,429. GRIFFIN ENGINEERING COMPANY, INC., Worthington, Ind. Filed Oct. 24, 1945.

B
GAY
R

FOR STORAGE CABINETS, STANDS IN THE NATURE OF FURNITURE, CUPBOARDS, AND CELLARETS FOR HOME AND OFFICE USE.

Claims use since Oct. 3, 1945.

Ser. No. 490,430. GRIFFIN ENGINEERING COMPANY, INC., Worthington, Ind. Filed Oct. 24, 1945.

GAY KITCHENS

No claim is made to the word "Kitchens."

FOR STORAGE CABINETS, CUPBOARDS, CHAIRS FOR HOUSEHOLD USE, AND STANDS AND TABLES IN THE NATURE OF FURNITURE FOR HOME AND OFFICE USE.

Claims use since Oct. 6, 1945.

Ser. No. 513,944. JOHN P. MICKEY, doing business as Torrington Mattress Co., Torrington, Conn. Filed Dec. 9, 1946.

"SLEEP TESTED"

Exclusive use of the word "Tested" is not claimed apart from the mark as shown.

FOR MATTRESSES, BOX SPRINGS, STUDIO BEDS, AND SOFA BEDS.

Claims use since December 1945.

Ser. No. 525,844. HEDWIN CORPORATION, Baltimore, Md. Filed July 3, 1947.

Hedwin

FOR INFLATABLE MATTRESSES AND CUSHIONS.

Claims use since Mar. 28, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 445,505. OUTBOARD, MARINE & MANUFACTURING COMPANY, Galesburg, Ill., assignor, by mesne assignments, to Mountainaire Company, a corporation of Massachusetts. Filed July 19, 1941.

Mountainaire

FOR ROOM COOLERS OF THE CABINET TYPE FOR WINDOW INSTALLATION, SAID COOLERS EMBODYING AN ELECTRICALLY OPERATED REFRIGERATING MECHANISM.

Claims use since July 14, 1941.

Ser. No. 519,395. THE HOTSTREAM HEATER COMPANY, Cleveland, Ohio. Filed Mar. 21, 1947.

THERMODRAFT

FOR AUTOMATIC DRAFT CONTROLS—NAMELY, AUTOMATICALLY OPERATING FLUE DAMPERS FOR STOVES, FURNACES, AND THE LIKE.

Claims use since Mar. 11, 1946.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 526,180. CHARLES H. ZIMMERMAN, doing business under the name of Zimmerman Packing Company, Cincinnati, Ohio. Filed July 3, 1947.

ZIMMERMAN PACKING CO.
Z

Applicant disclaims the notation "Zimmerman Packing Co." apart from the mark as shown.

FOR ASBESTOS, DUCK, FIBROUS, LEATHER, RUBBER, AND METAL PACKINGS.

Claims use since Aug. 12, 1930.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 496,269. PILOT RADIO CORPORATION, Long Island City, N. Y. Filed Feb. 8, 1946.



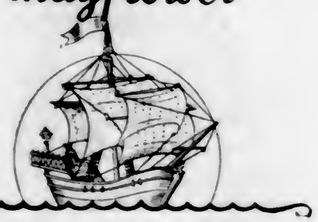
FOR PHONOGRAPH RECORDS OF THE MECHANICALLY GROOVED TYPE.
Claims use since Dec. 10, 1945.

CLASS 37

PAPER AND STATIONERY

Ser. No. 506,825. MAYFLOWER MANUFACTURING COMPANY, Dallas, Tex. Filed Aug. 3, 1946.

Mayflower



FOR GIFT WRAPPINGS—NAMELY, GIFT WRAPPING PAPER, BLANK GIFT TAGS, BLANK GIFT LABELS, BLANK GIFT CARDS; AND WRITING PAPER AND ENVELOPES.
Claims use since Oct. 15, 1945.

CLASS 39

CLOTHING

Ser. No. 514,206. BERNARD KRON, Chicago, Ill. Filed Dec. 13, 1946.



FOR MEN'S OUTER SHIRTS.
Claims use since Aug. 1, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 498,479. ARMS TEXTILE MANUFACTURING CO., Manchester, N. H., and New York, N. Y. Filed Mar. 19, 1946.

armo



FOR INTERLINING FABRICS OF COMBINATIONS OF COTTON AND WOOL, COTTON AND HAIR, WOOL AND HAIR, AND COTTON, WOOL, AND HAIR.
Claims use since Dec. 1, 1945.

Ser. No. 503,481. SWITZER BROTHERS, Cleveland, Ohio, assignor to Switzer Brothers, Inc., Cleveland, Ohio, a corporation of Ohio. Filed June 7, 1946.

Glo-Craft

The right to the exclusive use of the word "Glo" is disclaimed apart from the mark.
FOR FABRICS IN THE PIECE OF NATURAL FIBERS SUCH AS COTTON, WOOL, AND THE LIKE AND SYNTHETIC FIBERS SUCH AS GLASS, RAYON, NYLON, AND THE LIKE TREATED WITH A FLUORESCENT SUBSTANCE.
Claims use since Mar. 12, 1946.

Ser. No. 506,213. WINDSOR TEXTILE CO., INC., New York, N. Y. Filed July 24, 1946.

CRUSADER

FOR PILLOW CASES, SHEETS, HAND TOWELS, BATH TOWELS, KITCHEN TOWELS, TOWELING BY THE YARD, TABLE CLOTHS, ALL BEING PLAIN OR FANCY, AND BLANKETS.
Claims use since Feb. 1, 1946.

Ser. No. 511,448. BOTANY WORSTED MILLS, Passaic, N. J., now by change of name Botany Mills, Inc., a corporation of New Jersey. Filed Oct. 25, 1946.

Baratheen

FOR WOOLEN PIECE GOODS.
Claims use since Oct. 11, 1946.

Ser. No. 517,397. BARRET TEXTILE CORPORATION, New York, N. Y. Filed Feb. 13, 1947.

BARRAGLAZE

FOR PLASTIC COATED TEXTILE FABRICS OF COTTON, WOOL, SILK, RAYON, NYLON, PROTEIN FIBRES, AND MIXTURES THEREOF.
Claims use since Dec. 19, 1946.

Ser. No. 518,696. ROSENSTEIN BROS., Paterson, N. J. Filed Mar. 7, 1947.



FOR PIECE GOODS OF RAYON AND COTTON TWILL AND MIXTURES THEREOF.
Claims use since Jan. 25, 1947.

Ser. No. 525,407. ROBINSON & CLEAVER LIMITED, London, England. Filed July 1, 1947.



FOR LINEN AND HEMP PIECE GOODS.
Claims use since Mar. 15, 1937, in Great Britain.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 502,868. THE AMALGAMATED DENTAL COMPANY, LIMITED, London, England. Filed May 28, 1946.

KALSŌGEN

FOR CHEMICAL PREPARATIONS FOR USE IN CONSERVATIVE DENTISTRY TO ENSURE PROTECTION AND CONSERVATION OF DENTINAL AND PULP TISSUES, BEING DENTAL PREPARATIONS FOR THE TREATMENT OF TEETH AS A CAVITY LINING.
Claims use since November 1944.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 502,643. KITCHEN STAR FOOD PRODUCTS, Cliffside Park, N. J. Filed May 23, 1946.



The representation of the young lady is fanciful.
FOR JORDAN ALMONDS; AND GARNISHETTES, I. E., CANDY DECORATION FOR CAKE AND COOKIES.
Claims use since May 5, 1944.

Ser. No. 517,295. DAVID G. EVANS COFFEE CO., St. Louis, Mo. Filed Feb. 11, 1947. Under 10-year proviso.

Evans

FOR TEA, COFFEE, VANILLA EXTRACT FOR FOOD PURPOSES, CURRY POWDER, ALLSPICE, WORCESTERSHIRE SAUCE.
Claims use since 1858.

Ser. No. 518,737. JOHN C. THORNTON CO., doing business as A B C Distributors, Terre Haute, Ind. Filed Mar. 8, 1947.



Applicant disclaims the word "Brands."

FOR FOODS—NAMELY, CANNED CORN, BEANS, BEETS, CHERRIES, FRUIT COCKTAIL, GRAPEFRUIT JUICE, CANNED EVAPORATED MILK, PEACHES, PEAS, PRUNE JUICE, SALMON, SPINACH, AND TOMATOES; APPLE BUTTER, BLACK PEPPER, HONEY, KETCHUP, OLIVES, PEANUT BUTTER, SALAD DRESSING, TABLE SYRUP AND VINEGAR.

Claims use since May 6, 1946.

Ser. No. 518,795. TRADERS OIL MILL COMPANY, Fort Worth, Tex. Filed Mar. 10, 1947.

LYKANUT

FOR PEANUT FLOUR.

Claims use since Dec. 10, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 514,059. VINCENT P. O'BRIEN, Belle Harbor, New York, N. Y. Filed Dec. 11, 1946.

VENUS PLASTIC ORNAMENTS of BEAUTY



No claim is made to the words "Plastic Ornaments of Beauty" apart from the mark. The illustration on the drawing is that of the statue Venus.

FOR CHRISTMAS TREE ORNAMENTS MADE OF PLASTIC MATERIALS.

Claims use since Oct. 3, 1946.

Ser. No. 521,598. MUNDET CORK CORPORATION, Brooklyn and New York, N. Y. Filed Apr. 30, 1947.

SEALEX

FOR CORK DISCS FOR USE IN CROWN CLOSURES AND CROWN CLOSURES MADE OF METAL OR PLASTIC FOR USE AS CONTAINER CAPS.

Claims use since 1933.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.

As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 530,883. WOOD CONVERSION COMPANY, St. Paul, Minn. Filed Aug. 8, 1947.

K-25

FOR WOOD FIBER COMPRESSED IN BALES FOR GENERAL USE IN INDUSTRY.

Claims use since Aug. 28, 1944.

Ser. No. 530,886. WOOD CONVERSION COMPANY, St. Paul, Minn. Filed Aug. 8, 1947.

TUFFLEX

Applicant claims ownership of registrations Nos. 300,892 and 500,283.

FOR LOOSELY MATTED OR FELTED ADHESIVELY-BOUND VEGETABLE FIBER IN SHEET FORM FOR GENERAL USE IN INDUSTRY.

Claims use since May 12, 1945.

Ser. No. 540,329. ANTHONY SPALLINO, Niagara Falls, N. Y. Filed Nov. 6, 1947.

FloraSOIL

FOR PREPARED, STERILIZED POTTING SOIL FOR USE IN CONNECTION WITH THE GROWTH OF PLANTS.

Claims use since June 23, 1947.

Ser. No. 540,330. ANTHONY SPALLINO, Niagara Falls, N. Y. Filed Nov. 6, 1947.

BloomSOIL

FOR PREPARED, STERILIZED POTTING SOIL FOR USE IN CONNECTION WITH THE GROWTH OF PLANTS.

Claims use since June 23, 1947.

Ser. No. 540,375. N. BREZNER & CO., INC., Boston, Mass. Filed Nov. 7, 1947.



FOR UPPER LEATHERS.

Claims use since July 23, 1947.

Ser. No. 540,441. NATIONAL WAX COMPANY, Chicago, Ill. Filed Nov. 7, 1947.

TRA-LEZE

FOR COMPOUNDED PETROLEUM WAX.

Claims use since May 27, 1947.

CLASS 2

RECEPTACLES

Ser. No. 513,031. LUTHER COVEY, doing business as Covey Sheet Metal Works, Holdenville, Okla. Filed Sept. 9, 1947. Under section 2f of the act of 1946.

COVEY

FOR WATER CANS AND HEAT INSULATED WATER COOLERS USED IN THE OIL INDUSTRY FOR TRANSPORTING DRINKING WATER.

Claims use since Jan. 15, 1938.

514,456. AMIE L. JOSEPH, New York, N. Y. Filed Aug. 1, 1947.

Midget Bridget

FOR HOUSEHOLD UTILITY BUCKET-TYPE PLASTIC REFUSE OR UTILITY CONTAINER.

Claims use since Sept. 3, 1946.

Ser. No. 526,844. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.



Applicant makes no claim to the words "Waterproof Bags" apart from the mark shown. Applicant claims ownership of registrations Nos. 169,435 (renewed); 219,995 (renewed); 266,776; 266,777; 372,807; 416,343; 416,879; 421,218; 422,691; 423,429; 423,767; 424,933; 426,940; 427,085; 427,086; 428,425, and 430,580; and United States trade-mark registration applications Serial Nos. 480,918, 490,992, 491,052, 491,054, 506,796, 510,997, 512,367, and 512,763.

FOR BAGS MADE FROM LAMINATED MATERIAL COMPOSED OF LAYERS OF TEXTILE AND PAPER.

Claims use since Jan. 3, 1939.

Ser. No. 532,967. STERLING PLASTICS CO., Union, N. J. Filed Aug. 30, 1947.

Twinkle Twins

No right to registration of the word "Twins" is claimed apart from the mark.

FOR SALT AND PEPPER SHAKER SETS FORMED OF SYNTHETIC RESINOUS COMPOSITIONS.

Claims use since Aug. 12, 1947.

Ser. No. 540,510. HOUSEHOLD PAPER PRODUCTS CO., Detroit, Mich. Filed Oct. 31, 1947.

Key

FOR PLASTIC WARDROBE BAGS, PAPER BAGS, PAPER CUPS, PLASTIC REFRIGERATOR BAGS, PLASTIC HAT BOXES AND PASTEBOARD TISSUE BOXES.
Claims use since Dec. 19, 1945.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 535,756. SWANK, INC., Attleboro, Mass. Filed Sept. 25, 1947.

Lady SWANK

Applicant claims ownership of registration No. 339,920.
FOR WALLETS OR BILLFOLDS.
Claims use since April 1945.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 513,810. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Aug. 2, 1947.

DILAC

FOR CLEANSER IN LIQUID FORM FOR REMOVING MILKSTONE.
Claims use since Jan. 4, 1941.

Ser. No. 526,797. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

CHURCH & DWIGHT CO. INC.

No claim is made to the works "Co." and "Inc." Applicant claims ownership of registrations Nos. 369,752, 369,752, 369,753, 369,754, and 369,829.
FOR SAL SODA, WASHING SODA, MONOHYDRATED CARBONATE OF SODA, AND BICARBONATE OF SODA (BAKING SODA), FOR USE AS A DETERGENT, CLEANING AND WASHING AGENT.
Claims use since 1896.

Ser. No. 527,681. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed July 5, 1947.

Kirko

FOR SUDSING CLEANER, CLEANSER AND DETERGENT.
Claims use since March 1933.

Ser. No. 528,736. C. D. PEACOCK, INC., Chicago, Ill. Filed July 16, 1947.

PEACOCK ROYAL SILVER POLISH

No claim is made to the words "Silver Polish" apart from the mark as shown on the drawing. The lining shown on the drawing is for shading purposes only. Applicant claims ownership of registration No. 76,322.
FOR SILVER POLISH.
Claims use since 1942.

Ser. No. 530,744. LOS ANGELES SOAP COMPANY, Los Angeles, Calif. Filed Aug. 7, 1947. Under section 2f of the act of 1946.

Savon CASTILE

The words "Savon Castile" are disclaimed apart from the mark. The portrait is fanciful. Applicant claims ownership of registration No. 334,033.
FOR SOAP.
Claims use since 1908.

Ser. No. 531,462. GOLD PAR PRODUCTS CO. INC., New York, N. Y. Filed Aug. 15, 1947.

GOLD TAG

Applicant makes no claim to the exclusive use of a tag colored gold.
FOR SOAP AND SOAP COMPOUNDS.
Claims use since February 1936.

Ser. No. 531,853. THE SELIG COMPANY, Atlanta, Ga. Filed Aug. 19, 1947.

LUMABRITE

FOR PREPARATION FOR CLEANING AND POLISHING ALUMINUM.
Claims use since June 16, 1947.

Ser. No. 534,881. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Sept. 18, 1947.



Applicant claims ownership of registration No. 392,319.
FOR SCALE AND MILKSTONE DEPOSIT REMOVER IN POWDERED FORM FOR USE IN THE CLEANING OF MILK CANS AND MILKING MACHINERY, BAKERY PAN AND UTENSIL CLEANER, GENERAL CLEANER, BOTTLE WASHING COMPOUND, CAN WASHING COMPOUND, HAND CLEANER, METAL CLEANER, AND ALL PURPOSE CLEANER IN POWDERED AND LIQUID FORMS HAVING INCIDENTAL WATER SOFTENING PROPERTIES.
Claims use on scale and milkstone deposit remover in powdered form for use in the cleaning of milk cans and milking machinery since Jan. 11, 1939; on bakery pan and utensil cleaner since Dec. 10, 1928; on general cleaner since Sept. 15, 1924; on bottle washing compound since March 1925; on can washing compound since Oct. 15, 1936; on hand cleaner since Feb. 1, 1945; on metal cleaner since April 1924; and on all purpose cleaner in powdered and liquid forms having incidental water softening properties since Sept. 15, 1924.

Ser. No. 536,991. AVON PRODUCTS, INC., New York, N. Y. Filed Oct. 7, 1947. Under section 2f of the act of 1946.

AVON

Applicant claims ownership of registrations Nos. 296,760 and 404,166.
FOR SHAVING CREAM, SHAVING STICK, TOILET SOAP, A DRY CLEANING PREPARATION IN POWDER, LIQUID AND PASTE FORM, SILVER POLISH, WHITE SHOE DRESSING, AND METAL POLISH.
Claims use since September 1929.

Ser. No. 539,524. JACQUET, INC., New York, N. Y. Filed Oct. 30, 1947.

PRELUDE

Applicant claims ownership of registration No. 368,136.
FOR TOILET SOAPS, BATH SOAPS, AND LIQUID SOAPS.
Claims use since Sept. 24, 1947.

Ser. No. 540,948. THE M. WERK COMPANY, St. Bernard, Ohio. Filed Nov. 12, 1947.

TAG

Applicant claims ownership of registration No. 70,549.
FOR SOAP.
Claims use since Jan. 1, 1907.

Ser. No. 547,627. GRIFFIN MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Jan. 21, 1948. Under section 2f of the act of 1946.

DYCOTE

Applicant claims ownership of registration No. 361,723.
FOR LIQUID PREPARATION FOR POLISHING LEATHER SHOES.
Claims use since May 28, 1937.

Ser. No. 557,035. GENERAL ANILINE & FILM CORPORATION, New York, N. Y. Filed May 14, 1948.

ANTAROX

FOR LIQUID OR FINELY-DIVIDED SOLID ORGANIC CHEMICAL DETERGENT HAVING SURFACE ACTIVE, WETTING, AND EMULSIFYING PROPERTIES.
Claims use since Mar. 26, 1948.

CLASS 5

ADHESIVES

Ser. No. 531,286. ANGIER CORPORATION, Framingham, Mass. Filed Aug. 14, 1947.

SNAKE TAPE

The word "Tape" is disclaimed apart from the mark. Applicant claims ownership of registration No. 134,745.

FOR ADHESIVE-COATED, STRAND-REINFORCED PAPER TAPE PRIMARILY USED FOR WRAPPING AND PACKAGING.

Claims use since 1935.

Ser. No. 543,186. INDUSTRIAL TAPE CORPORATION, New Brunswick, N. J. Filed Dec. 3, 1947.

TEXCEL TAPE

No claim is made to the word "Tape" apart from the mark as shown. Applicant claims ownership of registrations Nos. 385,834, 417,602, 426,300, 428,860, and 432,554.

FOR PRESSURE-SENSITIVE ADHESIVE TAPE.

Claims use since Mar. 3, 1939.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 512,463. STAYNER CORPORATION, Berkeley, Calif. Filed Aug. 26, 1947. Under section 2f of the act of 1946.

Stayner

Applicant claims ownership of registration No. 397,032.

FOR VITAMIN PREPARATIONS—NAMELY, VITAMIN B COMPLEX; VITAMIN B COMPLEX WITH LIVER AND IRON; VITAMIN B COMPLEX WITH VITAMIN C AND LIVER; MIXTURES OF DICALCIUM PHOSPHATE, CALCIUM GLUCONATE AND VITAMIN D; VITAMIN A; VITAMINS A AND D; RIBOFLAVIN; PYRIDOXINE HYDROCHLORIDE; VITAMIN B IN EFFERVESCENT MIXTURE; VITAMIN D; MIXTURES OF VITAMINS A, B, D, AND G; MIXTURES OF VITAMINS A, B, D, G AND C; VITAMINS A, D, B-COMPLEX, C, CALCIUM PANTOTHENATE AND NIACINAMIDE; THIAMIN CHLORIDE; ASCORBIC ACID; WHEAT GERM OIL, VITAMIN E; VITAMIN E CONCENTRATE; HALIBUT LIVER OIL, PLAIN; HALIBUT LIVER OIL WITH VIOSTEROL; BREWERS' YEAST; YEAST AND IRON; AND DRIED BREWERS' TYPE YEAST; CHEMICALS AND PHARMACEUTICALS IN THE FORM OF OINTMENTS, ELIXIRS, AMPOULES, TABLETS AND CAPSULES—NAMELY, AMINOPHYLLIN; AMINOPHYLLIN AND PHENOBARBITAL; AMMONIUM CHLORIDE; ASPIRIN; ASPIRIN-ACETOPHENETIDIN-CAFFEIN TABLETS; BARBITAL; CALCIUM LACTATE; CALCIUM PANTOTHENATE; COLD FORMULA, COMPRISING ACETOPHENETIDIN, ATROPINE SULFATE, CAFFEINE CITRATE, CAMPHOR, PODOPHYLLIN, AND ALOIN; DICALCIUM PHOSPHATE, CALCIUM GLUCONATE AND VIOSTEROL WAFERS; EPHEDRINE SULFATE; ELIXIR TERPIN HYDRATE AND CODINE; MILK OF MAGNESIA; NIACIN; NIACINAMIDE; ACETOPHENETIDIN; PHENOBARBITAL; QUININE SULFATE; SACCHARIN; SODA MINT TABLETS; SODIUM BICARBONATE; SODIUM CHLORIDE; SODIUM PENTOBARBITAL; SODIUM SALICYLATE; MULTI MINERAL TABLETS; SULFANILAMIDE; SULFAPYRIDINE; SULFATHIAZOLE; THEOBROMINE AND PHENOBARBITAL; THIAMIN CHLORIDE; AND TINCTURE OF MERTHIOLATE; THYROID TABLETS; ACTIVELY EFFERVESCENT MIXTURES OF CITRATES AND CARBONATES; SALINE LAXATIVE; SODIUM PHOSPHATE; AND GRANULAR EFFERVESCENT SALTS MIXTURES; AND INSECTICIDES, PARTICULARLY A DUSTING POWDER CONTAINING 2-2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLORETHANE.

Claims use since Jan. 25, 1940.

Ser. No. 520,101. RALPH I. GUY, doing business as The Rig Company, Glendale, Calif. Filed Jan. 27, 1948.

RIGKO-SEE

No claim is made to the word "See" apart from the mark shown in the drawing.

FOR VITAMIN PREPARATION, IN TABLET FORM.

Claims use since July 12, 1946.

Ser. No. 524,487. SCHOLLER BROTHERS, INC., Philadelphia, Pa. Filed Aug. 18, 1947.

TRISCONIZE

Applicant claims ownership of registration No. 186,157.

FOR CHEMICALS FOR CONTROL OF CHLORINATION.

Claims use since Apr. 17, 1947.

Ser. No. 526,778. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

CHURCH & DWIGHT CO. INC.

No claim is made to the words "Co." and "Inc." Applicant claims ownership of registrations Nos. 369,752, 369,753, 369,754, and 369,829.

FOR SAL SODA, WASHING SODA, MONOHYDRATED CARBONATE OF SODA, BAKING SODA, AND BICARBONATE OF SODA.

Claims use since 1896.

Ser. No. 527,430. TABLE ROCK LABORATORIES, INC., Greenville, S. C. Filed July 5, 1947.

NIBESOL

Applicant claims ownership of registration No. 403,846.

FOR TABLET FOR THE TREATMENT OF VITAMIN DEFICIENCIES, NEURITIS, MALNUTRITION, POLYNEURITIS AND VITAMIN B COMPLEX DEFICIENCIES.

Claims use since January 1943.

Ser. No. 527,630. VITAMINERALS, INC., Los Angeles, Calif. Filed July 5, 1947.

VITAMINERALS

Applicant claims ownership of registrations Nos. 301,529 and 393,059.

FOR ANALGESIC BALM, ANESTHETIC OINTMENT, ASTRINGENT PREPARATION, BENZOCAINE, BILE SALTS, BONE MEAL FOR USE AS A SOURCE OF CALCIUM AND PHOSPHORUS, CALCIUM PREPARATIONS, CHLOROPHYLL, COLLOIDAL SULPHUR, DIGESTIVE ENZYMES, ESTROGENS, EXTRACT OF OX BILE, GARLIC EXTRACTS, IODINE PREPARATIONS, IRON PREPARATIONS, IRON SULPHATE PREPARATIONS, KELP EXTRACTS, LAXATIVES, LIVER PREPARATIONS, MINERAL CONCENTRATE PREPARATIONS, MINERAL OINTMENTS, MINERAL RECTAL SUPPOSITORIES, MULTIPLE VITAMIN PREPARATIONS, PANCREATIN, PAPAIN, PHOSPHORUS PREPARATIONS, VITAMINS A, B-COMPLEX, C, D, E, F AND K.

Claims use since Aug. 1, 1933.

Ser. No. 531,996. MARY DI GIOVANNI, doing business as Royal Kings Row Products, Brooklyn, N. Y. Filed Aug. 21, 1947.

Siren Song

FOR CLEANSING CREAM.

Claims use since July 23, 1947.

Ser. No. 532,225. RICHARD HUDNUT, New York, N. Y. Filed Aug. 23, 1947.

FROZEN CHAMPAGNE

FOR COLOGNE.

Claims use since July 15, 1947.

Ser. No. 532,226. RICHARD HUDNUT, New York, N. Y. Filed Aug. 23, 1947.

GRAND GESTURE

FOR COLOGNE.

Claims use since July 15, 1947.

Ser. No. 534,592. BAXTER LABORATORIES, INC., Glenview, Ill. Filed Sept. 16, 1947.

PYROMEN

FOR INJECTABLE PYROGEN.

Claims use since Sept. 11, 1947.

Ser. No. 535,061. MEDICINE FOR CHILDREN, INCORPORATED, San Francisco, Calif. Filed Sept. 19, 1947.

Children's Aide

The word "Children" is disclaimed apart from the mark as shown.

FOR NOSE DROPS, ANTIPYRETIC TABLETS, VAPOR INHALANT, COUGH MEDICINE, LAXATIVE TABLETS, CHEST RUB, SKIN LOTION, ASPIRIN, ANTISEPTIC SOLUTION, LAXATIVE COMPOUND, COLD TABLETS, LAXATIVES, AND SOLUTIONS FOR PREVENTING THUMB SUCKING BY CHILDREN.

Claims use since Feb. 1, 1947.

Ser. No. 539,405. WILLIAM S. FORMAN, doing business as W. S. Forman Co., Chicago, Ill. Filed Oct. 29, 1947.

MADABEAU

FOR PERFUME, HAIR TONIC, SHAMPOO, AND AFTER SHAVE LOTION.

Claims use since August 1943 on perfume; and since January 1946 on hair tonic, shampoo, and after shave lotion.

Ser. No. 539,922. THE VOWEL COMPANY, St. Louis, Mo. Filed Nov. 1, 1947.

PET-A-POO

The word "Pet" is disclaimed apart from the mark.

FOR DOG SHAMPOO.

Claims use since June 16, 1947.

Ser. No. 540,418. INTERNATIONAL MINERALS & CHEMICAL CORPORATION, Chicago, Ill. Filed Nov. 7, 1947.

MULTIFOS

FOR DEFLUORINATED PHOSPHATE FOR USE AS PLANT AND ANIMAL FOOD SUPPLEMENTS.
Claims use since Sept. 26, 1947.

Ser. No. 540,653. EUGENE, LTD., Brooklyn, N. Y. Filed Nov. 10, 1947.

BLEUGÈNE

Applicant claims ownership of registrations Nos. 200,352 and 242,284.
FOR HAIR TINT FOR WHITE AND GRAY HAIR.
Claims use since 1924.

Ser. No. 541,004. LUXANA, S. A., Barcelona, Spain. Filed Nov. 13, 1947.

CZARDA

Applicant claims ownership of Spanish registration 142,385, dated Sept. 22, 1945.
FOR COSMETIC AND BEAUTY PREPARATIONS—NAMELY, FACE POWDER, FACE CREAM, FOUNDATION CREAM, FOUNDATION LOTION, PERFUME, COLOGNE, TOILET WATER, CREAM ROUGE, ROUGE COMPACTS, LIPSTICKS, SKIN TONIC, CLEANSING CREAM, HAND LOTION, HAND CREAM, EYE LOTION, EYE CREAM, EYE SHADOW, NIGHT CREAM, THROAT CREAM, BATH OILS, DUSTING POWDER, BATH SALTS, BODY LOTION, BODY CREAM, SUNTAN LOTION, AND SUNTAN CREAM.
Claims use since Mar. 31, 1943.

Ser. No. 541,612. THE URBANA LABORATORIES, Urbana, Ill. Filed Nov. 18, 1947. Under section 2f of the act of 1946.

Mor-les-nitrate

No claim is made to the word "Nitrate" apart from the mark. Applicant claims ownership of registration No. 357,630.
FOR SOIL TESTING CHEMICALS FOR DETERMINING NITRATE-NITROGEN CONTENT OF SOILS.
Claims use since Feb. 23, 1935.

Ser. No. 541,869. MONARCH SOAP & CHEMICAL CO., Minneapolis, Minn. Filed Nov. 20, 1947.

Sep-ko
WETTING COMPOUND

No claim is made to the words "Wetting Compound" apart from the mark.
FOR WETTING AGENT TO BE ADDED TO WATER FOR USE IN REMOVING SCUM, MILK STONE, WATER SCALE, CALCIUM, MAGNESIUM, AND OTHER HARD ELEMENTS IN THE WATER FROM DAIRY PROCESSING EQUIPMENT.
Claims use since Aug. 1, 1947.

Ser. No. 543,146. DELAWARE VALLEY CHEMICALS, INC., Easton, Pa. Filed Dec. 3, 1947.

Del-Kem

FOR HAND CREAM.
Claims use since Nov. 3, 1947.

Ser. No. 544,837. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Dec. 19, 1947.

TAGATHEN

FOR ANTI HISTAMINIC PREPARATIONS FOR THE PREVENTION AND TREATMENT OF ALLERGIES.
Claims use since Dec. 10, 1947.

Ser. No. 547,464. WILFRED H. LANGE, doing business as M. Lange Beauty Products, Rochester, N. Y. Filed Jan. 19, 1948.

Fess ★ Up

FOR SHAMPOO.
Claims use since Jan. 8, 1948.

Ser. No. 548,432. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Jan. 30, 1948.

Ileogastrone

FOR MEDICINAL PREPARATION FOR THE TREATMENT OF PEPTIC ULCERS.
Claims use since Nov. 7, 1947.

Ser No. 548,698. R. J. STRASENBURGH COMPANY, Rochester, N. Y. Filed Feb. 3, 1948.

METROCIN

FOR MEDICINAL PREPARATION IN TABLET FORM FOR TREATMENT OF PEPTIC ULCER.
Claims use since Nov. 25, 1947.

Ser. No. 548,805. HENRI COUTINHO, doing business as The Sintos Co., New York, N. Y. Filed Feb. 5, 1948.

SINTOS

FOR COUGH SYRUP.
Claims use since Jan. 22, 1948.

Ser. No. 549,142. FELLER-JONES CORPORATION, New York, N. Y. Filed Feb. 9, 1948.

MOTH-PANIC

The word "Moth" is disclaimed apart from the mark.
FOR MOTH PROOFING FLUID.
Claims use since Jan. 27, 1948.

Ser. No. 549,151. J. M. F. CHEMICAL COMPANY, Bryan, Tex. Filed Feb. 9, 1948.

King-O-Cide

FOR HERBICIDES.
Claims use since Jan. 21, 1948.

Ser. No. 549,421. GEORGE D. COLEMAN, Aberdeen, Miss. Filed Feb. 11, 1948.

AR-NE-SA

FOR PREPARATIONS FOR THE HAIR AND SCALP—NAMELY, POMADE FOR CLEANSING AND DRESSING THE HAIR, CURLING WAX, HAIR GLOSS, BRILLIANTINE, AND PRESSING OIL.
Claims use since Jan. 24, 1948.

Ser. No. 550,641. AIRKEM, INC., New York, N. Y. Filed Feb. 27, 1948.

DYPERKEM

FOR DIAPER ODOR COUNTERACTANT.
Claims use since Jan. 16, 1948.

Ser. No. 551,461. INTERSTATE SALES CO., Waco, Tex. Filed Mar. 8, 1948.



FOR SACHET CREAM.
Claims use since July 15, 1945.

Ser. No. 551,513. JOHN SIDNEY BRAZIER, doing business as Brazier's Laboratory, Donaldsonville, La. Filed Mar. 9, 1948.

BATEX

The drawing is lined to represent red color.
FOR PREPARATION FOR THE RELIEF OF RHEUMATISM, ARTHRITIS AND NEURALGIA.
Claims use since January 1947.

Ser. No. 551,576. NORGINE LABORATORIES, INC., New York, N. Y. Filed Mar. 9, 1948.

ENZYPAN

FOR MEDICINAL PREPARATION FOR THE TREATMENT OF INDIGESTION.
Claims use since May 14, 1923.

Ser. No. 551,694. S. E. COVER, Andrews, N. C. Filed Mar. 11, 1948.

VOX-A-DO

FOR PREPARATION FOR THE TREATMENT OF ATHLETE'S FOOT, AND ITCHING TOES.
Claims use since Feb. 18, 1948.

Ser. No. 551,764. BURRELL-DUGGER COMPANY, Indianapolis, Ind. Filed Mar. 12, 1948.

BU-DU

FOR POULTRY WORMING COMPOUND.
Claims use since Sept. 16, 1947.

Ser. No. 551,816. THE PHARMA-CRAFT CORPORATION, New York, N. Y. Filed Mar. 12, 1948.

ERATOL

FOR MEDICATED OINTMENT.
Claims use since Feb. 20, 1948.

Ser. No. 552,104. ALTONE CHEMICAL COMPANY, INC., New Orleans, La. Filed Mar. 17, 1948.

PRO-PHY-TOL

Applicant claims ownership of registrations Nos. 73,653 and 50,394.
FOR ANTISEPTIC MOUTH WASH, ALSO USED AS A GENERAL ANTISEPTIC IN THE PREVENTION OF COLDS AND SORE THROATS, FOR TREATMENT OF TIRED OR TENDER FEET, AND FOR MINOR CUTS, ABRASIONS, SCRATCHES, AND MOSQUITO BITES.
Claims use since Apr. 1, 1905.

Ser. No. 552,248. EDITH LAWRENCE, doing business as The Lawrence Company, Laguna Beach, Calif. Filed Mar. 18, 1948.

Strictly Tailored

FOR PERFUMES.
Claims use since Mar. 4, 1948.

Ser. No. 552,303. XTERMINATOR PRODUCTS CORPORATION, Jersey City, N. J. Filed Mar. 18, 1948.

Voo-Doo White Magic

FOR INSECTICIDE.
Claims use since Sept. 10, 1947.

Ser. No. 552,443. EATON LABORATORIES INC., Norwich, N. Y. Filed Mar. 19, 1948.

Aspogen

Applicant claims ownership of registration No. 236,398.
FOR ANTACID PREPARATIONS.
Claims use since Jan. 26, 1948.

Ser. No. 554,332. SHELL OIL COMPANY, INCORPORATED, San Francisco, Calif. Filed Apr. 10, 1948.

Nicona

Applicant claims ownership of registration No. 250,316.
FOR INSECTICIDES USED AS GARDEN AND ORCHARD SPRAYS.
Claims use since Mar. 19, 1928.

CLASS 7

CORDAGE

Ser. No. 519,179. CHARLES C. DAVIS AND COMPANY, Chicago, Ill. Filed Nov. 7, 1947.

SCOUT

FOR TWINES, STRING, SASH CORD, AND CLOTHES LINE.
Claims use since May 20, 1927.

CLASS 12

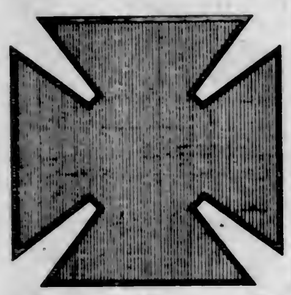
CONSTRUCTION MATERIALS

Ser. No. 536,263. MALVERN BRICK AND TILE COMPANY, Malvern, Ark. Filed Sept. 30, 1947.

MABCO

FOR FIRE BRICK.
Claims use since Nov. 29, 1941.

Ser. No. 537,295. DEWEY PORTLAND CEMENT COMPANY, Kansas City, Mo. Filed Oct. 9, 1947.



The drawing is lined to indicate the colors red and blue. Applicant claims ownership of registrations Nos. 290,413, 292,161, 299,338, and 351,473.
FOR PORTLAND CEMENT AND MASONS CEMENT.
Claims use since Feb. 16, 1931.

Ser. No. 537,489. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

BLACAULK

Applicant claims ownership of registration No. 407,138.
FOR MASTIC COMPOUND FOR CAULKING, GLAZING, POINTING AND LIKE PURPOSES.
Claims use since May 1, 1928.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 517,447. W. D. ALLEN MANUFACTURING CO., Chicago, Ill. Filed Aug. 28, 1947.

"BULLDOG"

Applicant claims ownership of registration No. 60,349.
FOR SEPARABLE HOSE COUPLINGS, AND HOSE MENDERS, THE LATTER IN THE NATURE OF INSEPARABLE COUPLINGS, FOR GARDEN AND OTHER HOSE.
Claims use since 1927.

Ser. No. 519,383. EDWARD VALVES, INC., East Chicago, Ind. Filed July 24, 1947.

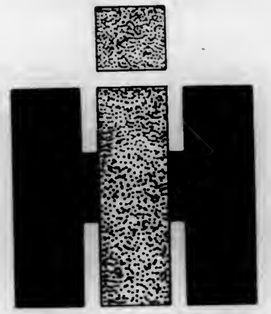
Impactor

FOR VALVE STEM OPERATING MECHANISM FOR FLUID CONTROL VALVES.
Claims use since May 23, 1938.

CLASS 15

OILS AND GREASES

Ser. No. 504,618. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed July 12, 1947.



The stippling on the drawing is for shading only.
FOR LUBRICATING OIL FOR MACHINERY.
Claims use since Apr. 24, 1946.

Ser. No. 522,009. ILLINOIS FARM SUPPLY COMPANY, Chicago, Ill. Filed Jan. 6, 1948.

ILLINI

FOR MOTOR LUBRICATING OIL.
Claims use since Apr. 1, 1946.

Ser. No. 534,460. THE OHIO OIL COMPANY, Findlay, Ohio. Filed Sept. 13, 1947.



Applicant claims ownership of registration No. 361,794.
FOR LUBRICATING OILS AND GREASES.
Claims use since Nov. 23, 1937.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 499,461. THE AMERICAN VARNISH COMPANY, Chicago, Ill. Filed Oct. 6, 1947. Under section 2f of the act of 1946.



Applicant disclaims any right to the exclusive use of each of the following apart from the mark as a whole: "The," "Varnish," "Co.," "Est.," and "1883."
FOR VARNISHES; READY-MIXED, DRY, AND PASTE PAINTS; OIL AND VARNISH STAINS; LACQUERS; PAINT ENAMELS; POLISHING WAX; FURNITURE POLISH; SIZINGS, PRIMERS, SEALERS, UNDERCOATINGS AND FILLERS IN THE NATURE OF PAINTS OR FOR USE IN CONNECTION WITH PAINTS, VARNISHES, ETC.; AND COLORS IN OIL.
Claims use since 1889 on varnishes; and since 1917 on other items.

Ser. No. 514,930. ATLAS POWDER COMPANY, Wilmington, Del. Filed July 19, 1947.

ZAFLO

Applicant claims ownership of registration No. 422,794.
FOR LACQUERS; VARNISHES; PAINT ENAMELS; AND COMPOSITIONS CONTAINING CELLULOSE ESTERS AND/OR ETHERS, RESINS AND/OR PLASTICIZERS, SOLVENTS, AND PIGMENTS FOR CONTROLLING LUSTER AND COLOR, IN THE NATURE OF A PAINT FOR LACQUERING AND ENAMELING; AND THINNERS THEREFOR.
Claims use since Oct. 30, 1946.

Ser. No. 529,322. VELSICOL CORPORATION, Chicago, Ill. Filed July 23, 1947.

VELSICOL

Applicant claims ownership of registrations Nos. 425,674, 425,676, 299,564, 299,670, and 435,038.
Claims use since April 1937.

Ser. No. 536,159. SEIDLITZ PAINT & VARNISH CO., Kansas City, Mo. Filed Sept. 29, 1947.

TURBEN

FOR LIQUID SUBSTITUTE FOR TURPENTINE.
Claims use since July 1, 1919.

Ser. No. 537,768. AMERICAN ALKYD INDUSTRIES, Carlstadt, N. J. Filed Oct. 9, 1947.

AMAVAR

FOR SYNTHETIC VARNISHES.
Claims use since Dec. 6, 1945.

Ser. No. 538,371. CHICAGO PAINTS, INC., Chicago, Ill. Filed Oct. 20, 1947.

TOM THUMB

FOR READY-MIXED PAINTS, WOOD STAINS, AND PAINT ENAMELS SOLD IN LIQUID FORM.
Claims use since 1935.

Ser. No. 539,068. M. J. MERKIN PAINT CO., INC., New York, N. Y. Filed Oct. 25, 1947. Under section 2f of the act of 1946.

NANTUCKET WHITE

No registration rights are claimed for the word "White" apart from the mark as a whole.
FOR WHITE PAINT IN LIQUID FORM FOR EXTERIOR USE.
Claims use since 1937.

CLASS 17
TOBACCO PRODUCTS

Ser. No. 521,275. R. C. OWEN COMPANY, Gallatin, Tenn. Filed Nov. 25, 1947. Under section 2f of the act of 1946.

ALLEN COUNTY

FOR CHEWING TOBACCO.
Claims use since January 1900.

Ser. No. 529,773. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947.

Hotel Statler

The drawing is lined for shading only. Applicant claims ownership of registration No. 180,892.
FOR CIGARS, CIGARETTES, CHEROOTS, AND SMOKING TOBACCO.
Claims use since 1911.

Ser. No. 529,775. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947.

Haddon Hall

The drawing is lined for shading only. Applicant claims ownership of registration No. 238,200.
FOR CIGARS AND ALL-TOBACCO CIGARETTES.
Claims use since June 20, 1924.

Ser. No. 529,777. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947. Under section 2f of the act of 1946.

Something Special

Applicant claims ownership of registration No. 381,852.
FOR CIGARS, CIGARETTES, AND TOBACCO PIPE MIXTURES.
Claims use since Oct. 2, 1931.

Ser. No. 529,781. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947.

Hotel Pennsylvania

The drawing is lined for shading only. Applicant claims ownership of registration No. 130,109.
FOR CIGARS, CIGARETTES, AND SMOKING AND CHEWING TOBACCO.
Claims use since Mar. 7, 1919.

Ser. No. 529,782. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947. Under section 2f of the act of 1946.

BRADFIELD

FOR CIGARS.
Claims use since Apr. 29, 1903.

Ser. No. 529,785. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947. Under section 2f of the act of 1946.

Nottingham

Applicant claims ownership of registration No. 238,010.
FOR CIGARS AND ALL-TOBACCO CIGARETTES.
Claims use since Aug. 4, 1924.

Ser. No. 536,912. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

Old Gold

Applicant claims ownership of registration No. 238,664.
FOR CIGARETTES.
Claims use since 1884.

CLASS 19
VEHICLES

Ser. No. 537,869. DONALD R. BOLES, doing business as Boles Mfg. Co., Burbank, Calif. Filed Oct. 15, 1947.

BOLES-AERO

The surname "Boles" is disclaimed apart from the mark.
FOR HOUSE TRAILERS.
Claims use since Aug. 24, 1946.

Ser. No. 541,366. ZBROJOVKA BRNO, NARODNI PODNIK, doing business as Brno Arms Factory, National Corporation, Brno, Czechoslovakia. Filed Nov. 15, 1947.

MAGIC SHIFT

No claim is made to the denomination "Shift" apart from the association "Magic Shift" shown in the drawing. Applicant claims ownership of Czechoslovakia registration No. 10,893/BRNO dated May 23, 1947.
FOR AUTOMOTIVE VEHICLES—NAMELY, PASSENGER AUTOMOBILES, TRUCKS, BUSSES, AND MOTORCYCLES.

CLASS 20

LINOLEUM AND OILED CLOTH

Ser. No. 536,020. THE UNITED STATES STONEWARE CO., Tallmadge, Ohio. Filed Sept. 27, 1947.

Plastile

FOR PLASTIC FLOOR, WALL, COUNTER, OR FURNITURE COVERING, COMPOSED OF SHEETS OF MATERIAL SUITABLE FOR ADHERING WITH CEMENT, TO SURFACES OVER WHICH THEY ARE LAID, THE MATERIAL BEING MADE FROM ORGANIC RESINS, PLASTICIZERS, PIGMENTS, FILLERS, AND COLORING MATERIAL.

Claims use since December 1945.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 511,570. THE OHIO BRASS COMPANY, Mansfield, Ohio. Filed Sept. 29, 1947. Under section 2f of the act of 1946.

HAMMERHEAD

FOR ELECTRIC CONNECTORS, ELECTRIC CONDUCTORS, AND ELECTRIC RAIL BONDS.

Claims use since March 1938.

Ser. No. 515,874. GREGORY ELECTRIC COMPANY, Chicago, Ill. Filed Aug. 30, 1947. Under section 2f of the act of 1946.

GREGORY Hi-Grade

The drawing is lined for red. No claim is made to the expression "Hi-Grade" apart from the mark as shown. Applicant claims ownership of registration No. 243,772.

FOR ELECTRICAL APPARATUS—NAMELY, ELECTRIC TRANSFORMERS, ELECTRIC WELDERS, ELECTRIC MOTORS, ELECTRIC SWITCHBOARDS, AND ELECTRIC GENERATORS.

Claims use since July 1938.

Ser. No. 522,914. THE OHIO BRASS COMPANY, Mansfield, Ohio. Filed July 14, 1947.

B

Applicant claims ownership of registration No. 68,192, now expired.

FOR ELECTRICAL APPARATUS AND SUPPLIES FOR ELECTRIC CONDUCTORS COMPRISING ELECTRIC INSULATORS AND SUPPORTS OF PORCELAIN AND METAL FITTINGS USED THEREWITH—NAMELY, PIN TYPE INSULATORS AND METAL PINS THEREFOR, THIRD RAIL AND STRAIN INSULATORS, SUSPENSION TYPE INSULATORS, WALL AND ENTRANCE INSULATORS, TUBES AND BUSHINGS, SUSPENSION AND STRAIN CLAMPS, PILLAR AND POST INSULATORS, BUS BAR INSULATORS AND CLAMPS, POT HEADS, TRANSFORMER BUSHINGS, PORCELAIN ELECTRIC CONDENSERS, POST LINE INSULATORS AND ARC CONTROL GAPS, COUPLING CONDENSERS AND PHASE SHIFTERS.

Claims use since Feb. 1, 1907.

Ser. No. 531,047. MULTI-CLEAN PRODUCTS, INCORPORATED, St. Paul, Minn. Filed Aug. 11, 1947. Under section 2f of the act of 1946.

MULTI MC CLEAN

The drawing is lined to indicate the color red but no claim is made to coloring as an essential characteristic of the mark. Applicant claims ownership of registration No. 406,117.

FOR ELECTRICALLY OPERATED FLOOR POLISHERS AND CLEANERS.

Claims use since Nov. 3, 1939.

Ser. No. 534,848. WINDSOR-LLOYD PRODUCTS, INC., Wilmington, Del. Filed Sept. 17, 1947. Under section 2f of the act of 1946.

LLOYD

Applicant claims ownership of registrations Nos. 358,212, 310,121, and 332,964.

FOR IGNITION COILS AND REPLACEMENT IGNITION COILS.

Claims use since May 1, 1937.

Ser. No. 540,462. SCOTT RADIO LABORATORIES INCORPORATED, Chicago, Ill. Filed Nov. 7, 1947. Under section 2f of the act of 1946.

SCOTT

Applicant claims ownership of registration No. 296,757.

FOR RADIO RECEIVING SETS; RADIO RECEIVING APPARATUS—NAMELY, AUDIO FREQUENCY TRANSFORMERS, INTERMEDIATE FREQUENCY TRANSFORMERS, RADIO FREQUENCY TRANSFORMERS, SPECIAL TRANSFORMERS, COILS; RADIO WAVE GENERATING APPARATUS—NAMELY, OSCILLATORS, ANTENNAE; SOUND REPRODUCERS—NAMELY, LOUD SPEAKERS; SWITCHES, TUNING CONDENSERS, APPARATUS FOR REMOTE CONTROL OF RADIO RECEIVERS, ANTENNA TUNERS, TUNING DIALS; APPARATUS FOR AMPLIFYING ELECTRICAL CURRENTS—NAMELY, ASSEMBLED AUDIO FREQUENCY AMPLIFYING UNITS; APPARATUS FOR FURNISHING CURRENT SUPPLY FOR RADIO RECEIVERS—NAMELY, POWER AMPLIFIERS, POWER PACKS; SOUND RECORDERS, MICROPHONE STANDS, MICROPHONE CONTROL BOXES, CONTROL PANELS, LONG AND SHORT WAVE CONVERTERS.

Claims use since May 21, 1927.

Ser. No. 540,642. CATERPILLAR TRACTOR CO., Peoria, Ill. Filed Nov. 10, 1947.

CATERPILLAR

FOR ELECTRIC GENERATORS AND DIESEL ELECTRIC GENERATOR SETS AND PARTS FOR SAID PRODUCTS.

Claims use since December 1934.

Ser. No. 541,523. ORVILLE E. ECKHOFF, doing business as The Cheesteak Company, San Antonio, Tex. Filed Nov. 18, 1947.

Cheesteak "The meal with sense appeal"

No claim is made to the words "The Meal With Sense Appeal" apart from the mark as shown on the drawing. Applicant claims ownership of registration No. 427,899.

FOR ELECTRIC COMBINATION BROILER, GRILL, AND WARMING OVEN AND PARTS THEREOF.

Claims use since May 1, 1946.

Ser. No. 542,300. EMPIRE MANUFACTURING COMPANY, Amarillo, Tex. Filed Nov. 25, 1947.

Gridiron

FOR RADIO RECEIVING SETS.

Claims use since July 18, 1947.

Ser. No. 542,799. THOMSON ELECTRIC WELDER COMPANY, Lynn, Mass. Filed Nov. 29, 1947.

ELECTRIC THOMSON WELDING

The words "Electric Welding" and the representation of the butt weld are disclaimed apart from the mark. Applicant claims ownership of registration No. 130,018.

FOR ELECTRIC METAL-WORKING APPARATUS—NAMELY, MACHINES AND DEVICES FOR ELECTRIC WELDING, HEATING FORGING, BRAZING, SOLDERING, AND SHAPING OF METALS; AND ALSO TRANSFORMERS, REACTIVE COILS, SWITCHES AND PARTS FOR SUCH APPARATUS.

Claims use since Nov. 10, 1944.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 531,483. KEM PLASTIC PLAYING CARDS, INC., New York, N. Y. Filed Aug. 15, 1947.

KEM

Applicant claims ownership of registration No. 368,519.

FOR PLAYING CARDS.

Claims use since Sept. 28, 1934.

Ser. No. 531,484. KEM PLASTIC PLAYING CARDS, INC., New York, N. Y. Filed Aug. 15, 1947.

KEM

Applicant claims ownership of registration No. 368,519.

FOR PLAYING CARDS.

Claims use since Sept. 28, 1934.

Ser. No. 532,200. BALLY MANUFACTURING CO., Chicago, Ill. Filed Aug. 23, 1947.

Bally

FOR BALL ROLLING GAMES HAVING A BOARD AND BALLS.
Claims use since Aug. 15, 1939.

Ser. No. 534,121. JAMES HEDDON'S SONS, Dowagiac, Mich. Filed Sept. 11, 1947.

Thorobred

FOR FISHING RODS.
Claims use since January 1925.

Ser. No. 534,912. MONTGOMERY SALES CORP., New York, N. Y. Filed Sept. 18, 1947.

BLUE RIBBON

FOR GOLF BALLS.
Claims use since Mar. 4, 1947.

Ser. No. 539,123. BOIZELLE & EISINGER CORPORATION, Rockville, Md. Filed Oct. 27, 1947.

RED-BALL

The drawing is lined for the color red.
FOR BAGATELLE TYPE AMUSEMENT GAME.
Claims use since 1934.

Ser. No. 540,072. HILLERICH & BRADSBY CO., Louisville, Ky. Filed Nov. 4, 1947.

Sam Gehrig

Applicant claims ownership of registration No. 235,598, registered under the act of Feb. 20, 1905, with the permission of Henry Louis Gehrig whose facsimile signature constitutes the trade-mark.
FOR BASEBALL BATS AND MINIATURE BASEBALL BATS.
Claims use since Oct. 27, 1923.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 528,361. MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY, Minneapolis, Minn. Filed July 11, 1947.

UNI

The drawing is lined for the color yellow, but coloring is disclaimed as an essential characteristic of the mark. Applicant claims ownership of registration No. 171,596.
FOR AGRICULTURAL MACHINERY—NAMELY, TRACTOR DRAWN WHEELED ATTACHMENTS FOR CARRYING AGRICULTURAL TOOLS, PLOWS, TILLERS, MIDDLE BREAKER PLOWS, CULTIVATORS, HARROWS, LISTERS, RIDGING PLOWS, ROD WEEDERS, AND TRACTOR MOWERS.
Claims use on tractor drawn wheeled tool carriers, gang plows, middle breaker plows, and listers since December 1922; on harrows and cultivators since January 1923; on disk plows, tillers, and sulky plows since September 1923; on ridging plows since July 1926; on ridge busters since April 1929; on tractor mowers since December 1936; and on rod weeders since May 1940.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 516,735. SCOPICON INC., New York, N. Y. Filed Aug. 6, 1947.

Scopicon

FOR MICRO-PROJECTORS, AUXILIARY POWER UNITS THEREFOR WHICH CONTAIN A WATER COOLING SYSTEM AND AN ELECTRIC TRANSFORMER FOR THE LAMP OF THE MICRO-PROJECTOR, AND MICRO-PROJECTION VIEWING CHAMBERS, WHICH ARE CHAMBERS PROVIDED WITH A PLURALITY OF VIEWING OPENINGS TO ENABLE THE IMAGES PROJECTED INTO THE CHAMBER FROM THE MICRO-PROJECTOR TO BE OBSERVED SIMULTANEOUSLY BY SEVERAL INDIVIDUALS.
Claims use since Jan. 15, 1945.

Ser. No. 517,930. THE TECHNICON CO., New York, N. Y. Filed Aug. 28, 1947.

THE TECHNICON CO.

The exclusive right to the use of the words "The" and "Co." is disclaimed apart from the mark as shown. Applicant claims ownership of registration No. 407,208.
FOR WATER BATHS USED IN PREPARING HISTOLOGICAL SPECIMENS FOR MICRO-SLIDES.
Claims use since February 1940.

Ser. No. 524,969. CHARLES FOSTER & CO., New York, N. Y., assignor to Charles Foster & Co., Inc., New York, N. Y., a corporation of New York. Filed Aug. 16, 1947.

NYLONITER

FOR OPTICAL GOODS—NAMELY, SPECTACLES, GOGGLES, LENSES, SUN GLASSES, EYE SHADES, FRAMES, MOUNTINGS, AND PARTS THEREOF.
Claims use since May 16, 1947.

Ser. No. 529,562. BELL & HOWELL COMPANY, Chicago, Ill. Filed July 26, 1947.

INCRE-LITE

The word "Lite" is disclaimed apart from the mark.
FOR PROJECTION LENSES.
Claims use since Mar. 25, 1936.

Ser. No. 529,571. BELL & HOWELL COMPANY, Chicago, Ill. Filed July 26, 1947.

PORTA-STAND

The word "Stand" is disclaimed apart from the mark.
FOR PROJECTOR STANDS.
Claims use since Feb. 21, 1944.

Ser. No. 529,698. THE RELIANCE GAUGE COLUMN COMPANY, Cleveland, Ohio. Filed July 26, 1947.

Reliance

Applicant claims ownership of registrations Nos. 32,083, 88,025, and 161,597.
FOR LIQUID LEVEL COLUMNS, LIQUID LEVEL CONTROLS, LIQUID LEVEL SAFETY ALARMS, LIQUID LEVEL INDICATORS, AND REMOTE READING LIQUID LEVEL GAGES.
Claims use since July 1888.

Ser. No. 531,293. BELL & HOWELL COMPANY, Chicago, Ill. Filed Aug. 14, 1947.

SUPER COMAT

The word "Super" is disclaimed apart from the mark.
FOR PHOTOGRAPHIC LENSES.
Claims use since July 16, 1947.

Ser. No. 531,652. CINCINNATI CLOCK & INSTRUMENT CO., Cincinnati, Ohio. Filed Aug. 18, 1947.

CIN CLOCK CO

FOR INSTRUMENT FOR TESTING AND ANALYZING CIRCUIT BREAKERS.
Claims use since Sept. 1, 1921.

Ser. No. 531,658. CHARLES FOSTER & CO., New York, N. Y., assignor to Charles Foster & Co., Inc., New York, N. Y., a corporation of New York. Filed Aug. 18, 1947.

EYE-CICLES

The word "Eye" is disclaimed apart from the mark.
FOR OPTICAL GOODS—NAMELY, SPECTACLES, GOGGLES, LENSES, SUN GLASSES, EYE SHADES, FRAMES, MOUNTINGS, AND PARTS THEREOF.
Claims use since Jan. 10, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 532,931. HEYWOOD-WAKEFIELD COMPANY, Gardner, Mass. Filed Aug. 30, 1947. Under section 2f of the act of 1946 as to "Heywood-Wakefield."

HEYWOOD-WAKEFIELD EST. 1826

Applicant claims ownership of registrations Nos. 124,385, 128,728, and 430,864.
FOR HOUSEHOLD AND SUMMER FURNITURE BOTH WOOD AND UPHOLSTERED—NAMELY, DAVENPORTS, HIGH-CHAIRS, CHAIRS, TABLES, DESKS, BOOK CASES, LOVE-SEATS AND SETTEES; BEDS, VANITIES, VANITY BENCHES, DRESSERS, CHESTS OF DRAWERS, NIGHT STANDS; CHINA CLOSETS, BUFFETS, SERVERS AND DINING-TABLES; SCHOOL FURNITURE—NAMELY, DESKS, CHAIRS, TABLES FOR CLASSROOMS, AUDITORIUMS AND CAFETERIAS; AND THEATRE SEATING—NAMELY, SEATS FOR USE IN ORCHESTRAS, BALCONIES, MEZZANINES AND LOGES.
Claims use since July 1, 1897, as to "Heywood-Wakefield"; in its present form on household and summer furniture since Feb. 25, 1946; and on school furniture and theatre seating since Mar. 18, 1946.

Ser. No. 534,637. EDMUND C. JOHNSON, JR., Los Angeles, Calif. Filed Sept. 16, 1947.

BABY-SLEEP-ABOUT

The word "Baby" is disclaimed apart from the mark as shown.

FOR BEDS AND BEDDING—NAMELY, INFANTS' CRIBS AND MATTRESSES.

Claims use since July 9, 1947.

CLASS 33

GLASSWARE

Ser. No. 516,152. SHATTERPROOF GLASS CORPORATION, Detroit, Mich. Filed July 14, 1947. Under section 2f of the act of 1946.

Shat-R-Proof

Applicant claims ownership of registration No. 280,299.

FOR LAMINATED SAFETY SHEET AND PLATE GLASS.

Claims use since June 15, 1928.

Ser. No. 528,906. BARTLETT-COLLINS COMPANY, Sapulpa, Okla. Filed July 19, 1947.

B-C

FOR OYSTER COCKTAIL GLASSES, SHERBET GLASSES, GLASS TUMBLERS, AND OTHER GLASS ARTICLES—NAMELY, GOBLETS, JUGS, ICE TUBS, ICE TEA COASTERS, COLONIAL PERCOLATOR TOPS, AND CASTER CUPS.

Claims use since June 23, 1932.

Ser. No. 533,729. GLOBE AUTO GLASS COMPANY, Chicago, Ill. Filed Sept. 8, 1947.

GLOBE

GLOBE AUTO GLASS CO

Applicant disclaims the words "Plate & Window Glass," "Auto Glass Co.," and "Safety-Glass" apart from the mark as shown. Applicant claims ownership of registration No. 334,412.

FOR AUTOMOBILE PLATE AND LAMINATED GLASS SOLD IN THE FORM OF RECTANGULAR SHEETS OR PLATES, AS WELL AS FINISHED PANES SHAPED TO SIZE FOR AUTOMOBILE WINDOW REPLACEMENTS.

Claims use on the representation of the hemisphere and "Globe Auto Glass Co." since Jan. 1, 1933; and on the entire mark as shown since Aug. 15, 1947.

Ser. No. 543,001. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md. Filed Aug. 28, 1947.

Dacro

Applicant claims ownership of registrations Nos. 295,977 and 83,395.

FOR PACKING CONTAINERS MADE FROM GLASS—NAMELY, JARS, BOTTLES, AND CANS.

Claims use since Feb. 25, 1932.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 539,226. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa. Filed Oct. 27, 1947.

Home Charm

FOR LAMP SHADES.

Claims use since Aug. 26, 1946.

Ser. No. 543,344. JOHN WOOD MANUFACTURING COMPANY, INC., Conshohocken, Pa., Chicago, Ill., and Philadelphia, Pa. Filed Dec. 4, 1947. Under section 2f of the act of 1946.

PENFIELD

FOR GAS WATER HEATERS, AND COMBINATION BOILERS.

Claims use since Sept. 1, 1928.

Ser. No. 543,345. JOHN WOOD MANUFACTURING COMPANY, INC., Conshohocken, Pa., Chicago, Ill., and Philadelphia, Pa. Filed Dec. 4, 1947. Under section 2f of the act of 1946.

ALLAN

FOR GAS WATER HEATERS, AND COMBINATION BOILERS.

Claims use since Mar. 15, 1938.

Ser. No. 543,346. JOHN WOOD MANUFACTURING COMPANY, INC., Conshohocken, Pa., Chicago, Ill., and Philadelphia, Pa. Filed Dec. 4, 1947. Under section 2f of the act of 1946.

ARDMORE

FOR GAS WATER HEATERS, AND COMBINATION BOILERS.

Claims use since 1933.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 534,666. THE PEP BOYS, MANNY, MOE & JACK, Philadelphia, Pa. Filed Sept. 16, 1947. Under section 2f of the act of 1946.

Connell Clipper

Applicant claims ownership of registrations Nos. 375,999, 270,251, 311,241, 326,700, 389,601, and 392,205.

FOR PNEUMATIC RUBBER TIRES, PNEUMATIC TIRE CASINGS, AND TUBES.

Claims use since Jan. 1, 1939.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 535,647. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa. Filed Sept. 24, 1947. Under section 2f of the act of 1946.

WINDHAM

Applicant claims ownership of registration No. 192,232.

FOR PIANOS AND NON-ELECTRICAL PHONOGRAPHS.

Claims use since Jan. 1, 1922.

Ser. No. 537,198. KRAUTH & BENNINGHOFEN, Hamilton, Ohio. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

THE HAMILTON

FOR MUSIC STANDS.

Claims use since October 1895.

Ser. No. 537,794. CHARLES G. ECKART, doing business as The Charles Eckart Company, Los Angeles, Calif. Filed Oct. 14, 1947.

COCKTAIL HOUR RECORD

The word "Record" is disclaimed apart from the mark.

FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS.

Claims use since November 1945.

Ser. No. 540,511. AMERICAN GLOSSITE CO., INCORPORATED, Putnam, Conn. Filed Nov. 8, 1947.

NEW YORKER

Applicant claims ownership of registration No. 416,575.

FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS.

Claims use since Aug. 8, 1944.

Ser. No. 544,550. COLUMBIA RECORDS INC., Bridgeport, Conn. Filed Dec. 17, 1947. Under section 2f of the act of 1946.

MASTERWORKS

Applicant claims ownership of registrations Nos. 236,982, 349,707, and 388,352.

FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS AND RECORD BLANKS AND FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS SOLD IN ALBUM SETS.

Claims use since 1926.

CLASS 37

PAPER AND STATIONERY

Ser. No. 505,344. EAGLE PENCIL COMPANY, New York, N. Y. Filed Oct. 31, 1947.

ORBIC

FOR BALL POINTED FOUNTAIN PENS.

Claims use since June 25, 1946.

Ser. No. 529,998. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

SUPPLY

FOR INDEX PAPER.

Claims use since February 1931.

Ser. No. 533,070. J. W. STEELE & CO., North Kansas City, Mo. Filed Sept. 2, 1947.

LETT

FOR ENVELOPE OR LETTER OPENING DEVICES, COMPRISING A CUTTER AND MANUALLY OPERABLE HOLDING MEANS THEREFOR.

Claims use since Jan. 2, 1939.

Ser. No. 533,130. BOORUM & PEASE COMPANY, Brooklyn, N. Y. Filed Sept. 3, 1947. Under section 2f of the act of 1946.

NOTEAR

FOR LOOSE LEAF PAPER.

Claims use since 1914.

Ser. No. 533,599. NEKOOSA-EDWARDS PAPER COMPANY, Port Edwards, Wis. Filed Sept. 5, 1947.

Formula

FOR BOND, LEDGER, AND DUPLICATING PAPER.
Claims use since Apr. 22, 1947.

Ser. No. 533,601. NEKOOSA-EDWARDS PAPER COMPANY, Port Edwards, Wis. Filed Sept. 5, 1947.

DESTINY

FOR BOND, LEDGER, AND DUPLICATING PAPER.
Claims use since Jan. 24, 1942.

Ser. No. 533,617. RHINELANDER PAPER COMPANY, Rhinelander, Wis. Filed Sept. 5, 1947. Under section 2f of the act of 1946.

KLEERVIEW

Applicant claims ownership of registration No. 273,859.
FOR GLASSINE PAPER.
Claims use since Oct. 6, 1934.

Ser. No. 533,619. RHINELANDER PAPER COMPANY, Rhinelander, Wis. Filed Sept. 5, 1947. Under section 2f of the act of 1946.

KLEERGLAZE

Applicant claims ownership of registration No. 309,835.
FOR WRAPPING PAPER.
Claims use since Dec. 17, 1932.

Ser. No. 536,010. SWIGART PAPER COMPANY, Chicago, Ill. Filed Sept. 27, 1947.

REVOLUTION

FOR PAPER—NAMELY, TYMPAN PAPERS.
Claims use since 1924.

Ser. No. 536,246. THE ESTERBROOK PEN COMPANY, Camden, N. J. Filed Sept. 30, 1947. Under section 2f of the act of 1946.

RENEW-POINT

Applicant claims ownership of registration No. 346,046.
FOR FOUNTAIN PENS AND PARTS THEREOF.
Claims use since Jan. 22, 1932.

Ser. No. 536,386. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass. Filed Oct. 1, 1947. Under section 2f of the act of 1946.

HOLLINGSWORTH

FOR TAG, BOND, AND INDEX PAPERS.
Claims use since Feb. 1, 1921.

Ser. No. 536,392. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass. Filed Oct. 1, 1947.

TOREX

FOR TYMPAN PAPER.
Claims use since May 1929.

Ser. No. 536,395. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass. Filed Oct. 1, 1947.

KADJO

FOR WRAPPING AND CONVERTING PAPER.
Claims use since November 1905.

Ser. No. 542,220. MARSH STENCIL MACHINE COMPANY, Belleville, Ill. Filed Aug. 14, 1947. Under section 2f of the act of 1946.

MARSH

Applicant claims ownership of registrations Nos. 422,854, 423,117, and 427,596.
FOR OILED STENCIL BOARD.
Claims use since Mar. 17, 1921.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 535,597. THE PALM BROTHERS DECALCOMANIA COMPANY, Cincinnati, Ohio. Filed Sept. 24, 1947. Under section 2f of the act of 1946.

SLIDE OFF

FOR DECALCOMANIAS.
Claims use since May 1912.

Ser. No. 539,813. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C. Filed July 8, 1947. Under section 2f of the act of 1946.

U. S. WEEKLY

Applicant claims ownership of registration No. 401,825.
FOR PERIODICAL PUBLICATIONS.
Claims use since Mar. 13, 1942.

Ser. No. 540,932. STANLEY HOME PRODUCTS, INC., Westfield, Mass. Filed Nov. 12, 1947.



The surname "Stanley" is disclaimed apart from the mark shown.
FOR PERIODICALS PUBLISHED FROM TIME TO TIME.
Claims use since Aug. 1, 1934.

Ser. No. 542,380. WESTERN ADVERTISING, San Francisco, Calif. Filed Nov. 25, 1947. Under section 2f of the act of 1946.

western advertising

FOR MONTHLY PERIODICAL.
Claims use since February 1919.

Ser. No. 551,663. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Mar. 10, 1948.

Our file box

FOR COLUMN IN A PERIODICAL PUBLICATION.
Claims use since Sept. 30, 1947.

Ser. No. 551,664. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Mar. 10, 1948.

SPEAKING OF Living

FOR TITLE FOR A COLUMN IN A PERIODICAL PUBLICATION.
Claims use since Jan. 30, 1948.

Ser. No. 551,665. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Mar. 10, 1948.

You can so sew

FOR TITLE FOR A COLUMN IN A PERIODICAL PUBLICATION.
Claims use since Sept. 30, 1947.

Ser. No. 551,666. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Mar. 10, 1948.

Your money's worth

FOR TITLE FOR A COLUMN IN A PERIODICAL PUBLICATION.
Claims use since Jan. 30, 1948.

Ser. No. 551,667. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Mar. 10, 1948.

A piece off your mind

FOR TITLE FOR A COLUMN IN A PERIODICAL PUBLICATION.
Claims use since Sept. 30, 1947.

CLASS 39

CLOTHING

Ser. No. 526,538. WOHL SHOE COMPANY, St. Louis, Mo. Filed July 5, 1947.

Scalawags

FOR WOMEN'S AND MISSES' SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since July 1940.

Ser. No. 528,588. SOL SHERMAN, doing business as Sherman Products, New York, N. Y. Filed July 14, 1947. Under section 2f of the act of 1946.

SHERMAN PRODUCTIONS

Applicant disclaims the generic notation "Productions" separately from the mark as shown.
FOR BOW-TIES, NECKTIES, OUTER SHIRTS, SLACKS, PAJAMAS, SPORT COATS, SHORTS, SCARFS, UNDERWEAR FOR MEN AND BOYS, HANDKERCHIEFS, HOSIERY, AND SHOES.
Claims use since May 1, 1936.

Ser. No. 533,220. WILTON MANUFACTURING COMPANY, Philadelphia, Pa. Filed Sept. 3, 1947.

Sleepwalkers by WILTON

No claim is made to the term "Wilton" apart from the mark.
FOR PAJAMAS AND PARTICULARLY PAJAMAS HAVING SNUG-FITTING ANKLE, WRIST, AND NECK OPENINGS AND KNOWN AS SKI-PAJAMAS.
Claims use since July 25, 1947.

Ser. No. 555,718. HALPER BROTHERS, INC., New York, N. Y. Filed June 3, 1948.

White Flame HB

The trade-mark consists of the words "White Flame" and letters "HB."
FOR HATS AND HAT BODIES INTENDED FOR WEAR BY WOMEN AND GIRLS.
Claims use since May 14, 1948.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 536,738. WILLIAM E. WRIGHT & SONS COMPANY, West Warren, Mass. Filed Oct. 3, 1947. Under section 2f of the act of 1946.

WRIGHT'S

Applicant claims ownership of registrations Nos. 232,629, 242,792, 269,990, and 385,536.
FOR BIAS FOLD TAPE, RUFFLINGS, RICK RACK BRAID, FRILLINGS, NOVELTY TRIMMING, NARROW FABRICS, AND TAPES USED FOR DRESS AND OTHER TRIMMING PURPOSES.
Claims use since Nov. 15, 1915.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 479,384. FAIRY SILK MILLS, Shillington, Pa., and New York, N. Y. Filed Aug. 1, 1947.

Faerie

Applicant claims ownership of registration No. 368,258.
FOR TRICOT AND MILANESE FABRICS IN THE PIECE MADE OF COTTON, SILK, RAYON, NYLON, AND COMBINATIONS OF THESE YARNS.
Claims use since Nov. 15, 1938.

Ser. No. 504,366. GEORG JENSEN INC., New York, N. Y. Filed Dec. 24, 1947.



The trade-mark consists of the combination of the representation of a fanciful crown surmounting the letters or initials GJ, in duplicate, so arranged that both letters G are outermost in the lower part of the combination, one pair of said initials GJ reading in reverse order, as shown in the drawing.
FOR SHEETS, PILLOWCASES, CRIB COVERS, BABY BLANKETS, TABLECLOTHS, AND NAPKINS.
Claims use since October 1936.

Ser. No. 516,660. BOB-O-LINK, INC., New York, N. Y. Filed Dec. 29, 1947.

BoB-O-Link

FOR CURTAINS AND DRAPES OF RAYON, COTTON, SILK, WOOL, AND/OR COMBINATIONS THEREOF, AND FOR FABRICS IN THE PIECE OF WHICH THE SAME ARE MADE.
Claims use since Dec. 24, 1946.

Ser. No. 520,051. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 23, 1947.

RESLOOMED

FOR TEXTILE FABRICS COMPOSED OF COTTON, WOOL, LINEN, OR SYNTHETIC FIBERS AND MIXTURES THEREOF, WHICH FABRICS ARE RESIN IMPREGNATED FOR RESISTANCE TO WEAR, SHRINKAGE, CRUSHING, AND THE LIKE.
Claims use since Feb. 25, 1947.

Ser. No. 520,052. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 23, 1947.

RESLOOM

FOR TEXTILE FABRICS COMPOSED OF COTTON, WOOL, LINEN, OR SYNTHETIC FIBERS AND MIXTURES THEREOF, WHICH FABRICS ARE RESIN IMPREGNATED FOR RESISTANCE TO WEAR, SHRINKAGE, CRUSHING, AND THE LIKE.
Claims use since Feb. 25, 1947.

Ser. No. 521,432. CARTER DRY GOODS COMPANY, INCORPORATED, Louisville, Ky. Filed Nov. 25, 1947.

NATIONAL

FOR TOBACCO BED COVERS.
Claims use since Jan. 6, 1930.

Ser. No. 521,803. EXETER MANUFACTURING COMPANY, Exeter, N. H. Filed Dec. 13, 1947.

EXETONE

FOR COTTON PIECE GOODS.
Claims use since Dec. 30, 1946.

Ser. No. 528,477. THE HETTRICK MANUFACTURING COMPANY, Toledo, Ohio. Filed July 12, 1947.

Rain-Bo

FOR AWNING TEXTILE FABRICS, SOLD IN THE BOLT.
Claims use since October 1928.

Ser. No. 529,344. JOSEPH BANCROFT & SONS CO., Wilmington, Del. Filed July 24, 1947.

BAN-LON

FOR PIECE GOODS—NAMELY, FABRICS OF COTTON AND OF RAYON AND OF MIXTURES OF COTTON AND RAYON.
Claims use since Apr. 30, 1947.

Ser. No. 529,346. JOSEPH BANCROFT & SONS CO., Wilmington, Del. Filed July 24, 1947.

BAN-RON

FOR PIECE GOODS—NAMELY, FABRICS OF COTTON AND OF RAYON AND OF MIXTURES OF COTTON AND RAYON.
Claims use since Apr. 30, 1947.

Ser. No. 531,579. DAVIS & CATTERALL, New York, N. Y. Filed Aug. 16, 1947. Under section 2f of the act of 1946.

VALENCIA

Applicant claims ownership of registration No. 421,666.
FOR COTTON PIECE GOODS.
Claims use since Mar. 1, 1926.

Ser. No. 535,313. FRENCH FABRICS CO., New York, N. Y. Filed Sept. 23, 1947.

TENURA

FOR TEXTILE FABRICS OF RAYON IN THE PIECE.
Claims use since Aug. 8, 1947.

Ser. No. 536,490. BENROSE FABRICS CORPORATION, New York, N. Y. Filed Oct. 2, 1947.

Sunkist

Applicant claims ownership of registration No. 295,347.
FOR TEXTILE FABRICS IN THE PIECE OF SILK AND SYNTHETIC FIBERS.
Claims use since May 1929.

Ser. No. 536,822. JOANNA WESTERN MILLS COMPANY, Chicago, Ill. Filed Oct. 4, 1947.

Joanna

FOR DRAPERIES, UPHOLSTERY AND DRAPERY FABRICS IN THE PIECE AND ROLL, OF COTTON, LINEN, WOOL, AND SYNTHETIC FIBERS; AND COTTON CLOTH BY THE PIECE AND ROLL.
Claims use since July 7, 1938.

Ser. No. 536,823. JOANNA WESTERN MILLS COMPANY, Chicago, Ill. Filed Oct. 4, 1947.

Joanna

FOR COATED AND WATERPROOFED CLOTH, IN THE PIECE, AND IN THE ROLL, MADE OF COTTON, WOOL, RAYON, NYLON, SILK, AND JUTE.
Claims use since March 1944.

Ser. No. 537,005. CENTURY RIBBON MILLS, INC., New York, N. Y. Filed Oct. 7, 1947. Under section 2f of the act of 1946.

Seville

Applicant claims ownership of registration No. 348,348.
FOR RIBBONS IN CUT LENGTHS AND IN REELS.
Claims use since 1920.

Ser. No. 541,690. MOHAWK CARPET MILLS, INC., Amsterdam, N. Y. Filed Nov. 19, 1947.

FIESTA

FOR RUGS AND CARPETS.
Claims use since Jan. 14, 1937.

Ser. No. 541,727. J. ROSENHOLZ, INC., New York, N. Y. Filed Aug. 21, 1947. Under section 2f of the act of 1946.

CREPE McCOY

The word "Crepe" is hereby disclaimed apart from its use as shown. Applicant claims ownership of registration No. 408,985.
FOR RAYON PIECE GOODS, COTTON PIECE GOODS, AND COMBINATIONS OF THE SAME.
Claims use since February 1937.

Ser. No. 541,747. J. ROSENHOLZ, INC., New York, N. Y. Filed Oct. 3, 1947. Under section 2f of the act of 1946.

KEY WEST

Applicant claims ownership of registration No. 408,590.
FOR PIECE GOODS OF RAYON, COTTON, AND OF MIXTURES OF RAYON AND COTTON.
Claims use since Sept. 15, 1942.

Ser. No. 541,828. FOLKER FABRICS CORPORATION, New York, N. Y. Filed Nov. 20, 1947.

Kool Touch

Disclaimer is made of the word "Kool" apart from the mark.
FOR TEXTILE FABRICS IN THE PIECE, OF SILK, RAYON, AND COMBINATIONS THEREOF.
Claims use since Aug. 17, 1938.

Ser. No. 542,456. FOLKER FABRICS CORPORATION, New York, N. Y. Filed Nov. 26, 1947.



Applicant claims ownership of registration No. 425,932.
FOR TEXTILE FABRICS IN THE PIECE, OF RAYON, SILK, AND MIXTURES THEREOF.
Claims use since Jan. 10, 1944.

Ser. No. 543,105. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

SCOTSBRIER

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Apr. 1, 1946.

Ser. No. 543,420. CLEARWATER FINISHING COMPANY, Clearwater, S. C. Filed Dec. 5, 1947.

FORT-DURA FINISH

The word "Finish" is disclaimed apart from the mark.
FOR PIECE GOODS OF WOOL, COTTON, RAYON, NYLON, AND/OR SILK OR COMBINATIONS THEREOF.
Claims use since Oct. 23, 1947.

Ser. No. 548,720. DAN RIVER MILLS, INCORPORATED, Danville, Va. Filed Feb. 4, 1948.

DANDYDAN

Applicant claims ownership of registrations Nos. 73,905 (renewed), 407,813, 418,048, 419,238, 420,302, 420,303, 427,091, 428,517, 433,067, and 435,334.
FOR COTTON PIECE GOODS.
Claims use since Dec. 17, 1947.

Ser. No. 549,536. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Feb. 12, 1948.

COUPLE

FOR BATH AND HAND TOWELS, WASH CLOTHS, AND BATH MATS.
Claims use since Sept. 3, 1947.

Ser. No. 550,028. DENISON COTTON MILL CO., Denison, Tex. Filed Feb. 18, 1948.

DREADNAUGHT

Applicant claims ownership of registration No. 61,157.
FOR COTTON DUCK.
Claims use since Nov. 17, 1906.

Ser. No. 550,029. DENISON COTTON MILL CO., Denison, Tex. Filed Feb. 18, 1948.

GREAT MALLARD

Applicant claims ownership of registration No. 61,893.
FOR COTTON DUCK.
Claims use since Nov. 17, 1906.

Ser. No. 550,116. BOTANY MILLS, INC., Passaic, N. J. Filed Feb. 19, 1948.

DAPPERDENE

FOR WOOLEN FABRICS IN THE PIECE.
Claims use since Jan. 26, 1948.

Ser. No. 550,314. DENISON COTTON MILL CO., Denison, Tex. Filed Feb. 21, 1948.



Applicant claims ownership of registration No. 61,157.
FOR COTTON DUCK.
Claims use since Nov. 17, 1906.

CLASS 43

THREAD AND YARN

Ser. No. 540,270. FRASER MANUFACTURING CO. INC., New York, N. Y. Filed Nov. 6, 1947.



Twin

Applicant claims ownership of registrations Nos. 368,028 and 393,312.
FOR GIMP YARN.
Claims use since Sept. 11, 1947.

Ser. No. 549,595. BERNHARD ULMANN CO. INC., Long Island City, N. Y. Filed Feb. 12, 1948.

WOOLSET

FOR ART NEEDLEWORK YARNS MADE OF WOOL.
Claims use since Jan. 20, 1948.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 530,828. KELLOGG CORSET COMPANY, Jackson, Mich. Filed Aug. 8, 1947. Under section 2f of the act of 1946.

Kellogg

FOR MATERNITY BELTS, SURGICAL SUPPORTING BELTS.
Claims use since May 1922.

Ser. No. 537,501. PROFILE COMPANY, INC., Chicago, Ill. Filed Oct. 10, 1947.

Profile

FOR CHIN STRAPS.
Claims use since October 1936.

Ser. No. 538,725. CONTACT LENS SERVICE, INC., New York, N. Y., assignor to Precision Contacts, Inc., Minneapolis, Minn., a corporation of Minnesota, now by change of name Precision-Cosmet Company, Inc., a corporation of Minnesota. Filed Oct. 23, 1947.

MOLDITE

FOR EYE IMPRESSION MATERIAL AS FOR EXAMPLE FOR PREPARING CONTACT LENSES OR THE LIKE.
Claims use since October 1942.

Ser. No. 539,142. EUGENE, LTD., Brooklyn, N. Y. Filed Oct. 27, 1947.

eugène

Applicant claims ownership of registration No. 242,305.
FOR ELECTRIC HAIR DRIERS, PERMANENT HAIR WAVING MACHINES AND PARTS THEREOF, ELECTRIC SCALP HEATING CAPS, EXOTHERMIC HAIR WAVING PADS AND ACCESSORIES OF PERMANENT WAVING EQUIPMENT—NAMELY, CURLERS, CLAMPS, PADS, SMOOTHING PINS, SACHETS, PROTECTORS AND TESTING EQUIPMENT.
Claims use since May 1922.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 500,275. BRUCE'S JUICES, INC., Tampa, Fla. Filed Jan. 13, 1948.

BRUCELLAD

Applicant claims ownership of registration No. 399,948.
FOR CANNED CITRUS FRUIT MEATS IN JUICE SYRUP.
Claims use since Mar. 21, 1946.

Ser. No. 501,143. FLOYD N. SMITH, doing business as Floyd N. Smith Co., Phoenix, Ariz. Filed Oct. 6, 1947.



FOR FRESH VEGETABLES—NAMELY, CABBAGE, CARROTS, LETTUCE, AND CAULIFLOWER.
Claims use since Mar. 30, 1946.

Ser. No. 508,445. DONALD T. SINN, doing business as Donald Sinn Apiaries, Tulare, Calif. Filed Oct. 4, 1947. The drawing is lined for red and black.



FOR HONEY.
Claims use since Aug. 22, 1946.

Ser. No. 509,084. FLOUR MILLS OF AMERICA, INC., Kansas City, Mo. Filed Oct. 8, 1947. Under section 2f of the act of 1946.



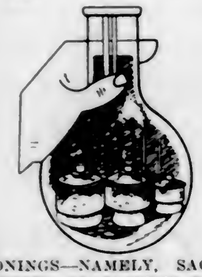
Applicant claims ownership of registrations Nos. 229,219 and 230,935.
FOR POULTRY AND STOCK FEEDS, FOR EXAMPLE, MASHES, PELLETS, CONCENTRATES AND GRAINS FOR POULTRY, AND MEAL, PELLETS, CONCENTRATES, GRAINS AND MILL FEEDS FOR STOCK.
Claims use since Jan. 2, 1912.

Ser. No. 510,169. THE GRIFFITH LABORATORIES, INC., doing business as The Griffith Laboratories, Chicago, Ill. Filed Jan. 2, 1948.



The words "Laboratory Controlled" are disclaimed apart from the mark.
FOR SEASONINGS—NAMELY, SAGE AND SPECIALLY PROCESSED SEASONINGS FOR PORK AND BEANS, CHILI CON CARNE, CORNED BEEF HASH; NATURAL AND SYNTHETIC SPICES—NAMELY, CINNAMON, COCOA, MACE, PEPPER, AND SPICES FOR MEAT PRODUCTS SUCH AS HAM; MEAT TENDERIZER COMPOSED OF DEXTROSE, VEGETABLE PROTEIN DERIVATIVE AND PAPAIN; MEAT BINDER COMPOSED OF CORN, WHEAT AND/OR SOYA FLOUR, DEFATTED MILK SOLIDS AND RICE OR POTATO STARCH; BARBECUE SAUCE; GELATIN COATING FOR MEAT; DRESSING MIX FOR FOWL; SOUP FLOUR, COMPOSED OF GROUND CORN FLOUR; MIXTURE OF FLOUR PROCESSED FROM WHEAT AND CORN WITH DEXTROSE FOR USE IN THE MANUFACTURE OF BOLOGNA, SAUSAGE AND FRANKFURTERS.
Claims use since Apr. 2, 1945.

Ser. No. 510,170. THE GRIFFITH LABORATORIES, INC., doing business as The Griffith Laboratories, Chicago, Ill. Filed Jan. 2, 1948.



FOR SEASONINGS—NAMELY, SAGE AND SPECIALLY PROCESSED SEASONINGS FOR PORK AND BEANS, CHILI CON CARNE, CORNED BEEF HASH; NATURAL AND SYNTHETIC SPICES—NAMELY, CINNAMON, COCOA, MACE, PEPPER, AND SPICES FOR MEAT PRODUCTS SUCH AS HAM; MEAT TENDERIZER COMPOSED OF DEXTROSE, VEGETABLE PROTEIN DERIVATIVE AND PAPAIN; MEAT BINDER COMPOSED OF CORN, WHEAT AND/OR SOYA FLOUR, DEFATTED MILK SOLIDS AND RICE OR POTATO STARCH; BARBECUE SAUCE; GELATIN COATING FOR MEAT; DRESSING MIX FOR FOWL; SOUP FLOUR, COMPOSED OF GROUND CORN FLOUR; MIXTURE OF FLOUR PROCESSED FROM WHEAT AND CORN WITH DEXTROSE FOR USE IN THE MANUFACTURE OF BOLOGNA, SAUSAGE AND FRANKFURTERS.
Claims use since Apr. 2, 1945.

Ser. No. 513,992. UNION STARCH & REFINING CO., Columbus, Ind. Filed Feb. 28, 1948.

WHITE SEAL

FOR MARSHMALLOW CREAM.
Claims use since Nov. 14, 1946.

Ser. No. 516,430. QUEEN CREEK POTATO GROWERS ASSOCIATION, Phoenix, Ariz. Filed Sept. 2, 1947.



FOR FRESH POTATOES.
Claims use since 1936.

Ser. No. 518,086. LYNDONVILLE CANNING COMPANY, INC., Lyndonville, N. Y. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

LYNDONVILLE

Applicant claims ownership of registration No. 286,535.
FOR CANNED APPLE SAUCE AND CANNED PEAS.
Claims use since 1916.

Ser. No. 518,317. I. C. PARKER, Fort Worth, Tex. Filed Dec. 30, 1947.



The portrait is fanciful. The word "Frozen" and the representation of the goods are disclaimed apart from the mark. Applicant claims ownership of registration No. 286,742.
FOR ICE CREAM CONFECTION.
Claims use since Oct. 21, 1946.

Ser. No. 519,412. I. C. PARKER, Fort Worth, Tex. Filed Dec. 30, 1947.

Jaxon **DRUMSTICK**

The word "Frozen" is disclaimed apart from the mark. Applicant claims ownership of registration No. 286,742.
FOR ICE CREAM CONFECTION.
Claims use since Mar. 11, 1931.

Ser. No. 522,314. BIG GIANT, INC., Fargo, N. Dak. Filed July 29, 1947.

BIG GIANT

No claim is made to the exclusive use of the word "Big" alone.
FOR POTATO CHIPS.
Claims use since Apr. 27, 1947.

Ser. No. 526,245. BEN E. KEITH, doing business as Ben E. Keith Company, Fort Worth, Tex. Filed Oct. 14, 1947.



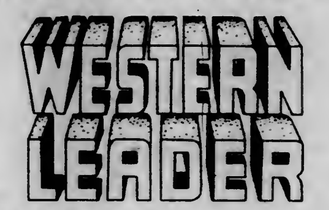
Applicant claims ownership of registration No. 185,380.
FOR FRESH CITRUS FRUITS, FRESH DECIDUOUS FRUITS, FRESH VEGETABLES.
Claims use since July 25, 1923.

Ser. No. 527,320. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

Mrs. Winston

Applicant claims ownership of registrations Nos. 188,870 and 278,277.
FOR JELLIES, JAMS, FRUIT BUTTERS, FRUIT PRESERVES, PRESERVED FRUITS, MAPLE SYRUP, OLIVES, SALAD DRESSING, AND PEANUT BUTTER.
Claims use since August 1918 on jellies, jams, fruit butters, fruit preserves and preserved fruits; since Aug. 3, 1929, on maple syrup; since June 13, 1927, on olives and salad dressing; and since Jan. 6, 1927, on peanut butter.

Ser. No. 528,972. B. T. WEYAND, doing business as Weyand & Co., Seattle, Wash. Filed July 19, 1947.



FOR CANNED SALMON.
Claims use since July 1936.

Ser. No. 529,115. VERONICA OLIVE OIL COMPANY, Oakland, Calif. Filed July 21, 1947.

PANTHER

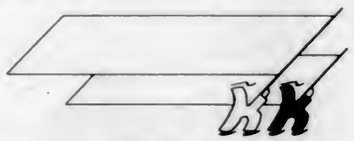
FOR VEGETABLE OILS FOR COOKING AND SALADS.
Claims use since Apr. 15, 1941.

Ser. No. 529,714. BOB SHIBA, Orosi, Calif. Filed July 26, 1947.

SIERRA BEAUTY

FOR FRESH TOMATOES.
Claims use since May 1, 1947.

Ser. No. 530,646. THE KELLING NUT CO., Chicago, Ill. Filed Aug. 6, 1947.



Applicant claims ownership of registrations Nos. 359,940, 371,058, 372,745, 377,221, and 417,885.
FOR SALTED AND PLAIN NUT MEATS.
Claims use since Sept. 3, 1946.

Ser. No. 531,671. HOPKINSVILLE MILLING CO., Hopkinsville, Ky. Filed Aug. 18, 1947.



Applicant claims ownership of registration No. 228,367.
FOR WHEAT FLOUR.
Claims use since August 1945.

Ser. No. 532,798. BETT-MORR ORCHARDS, INC., Charles Town, W. Va. Filed Aug. 29, 1947.

BETT MORR ORCHARDS

Exclusive use of the word "Orchards" is not claimed except as shown with the rest of the mark.
FOR FRESH APPLES.
Claims use since Oct. 1, 1940.

Ser. No. 535,028. N. GIANANDREA, doing business as Valley Growers Exchange, San Jose, Calif. Filed Sept. 19, 1947.

KLICKETY KLICK

Applicant claims ownership of registration No. 402,027.
FOR FRESH VEGETABLES.
Claims use since July 15, 1947.

Ser. No. 536,232. CALIFORNIA MARINE CURING & PACKING CO., Terminal Island, Calif. Filed Sept. 30, 1947.

SEA MAGIC

No claim is made to the word "Sea" apart from the mark as shown.
FOR CANNED TUNA.
Claims use since Sept. 6, 1947.

Ser. No. 536,268. MINNESOTA CONSOLIDATED CANNERIES, INC., Minneapolis, Minn. Filed Sept. 30, 1947.

Butter Kernel

Applicant claims ownership of registrations Nos. 283,966 and 283,965.
FOR CANNED VEGETABLES.
Claims use since September 1930.

Ser. No. 536,879. WYLIE B. DOUGLASS, doing business as Warner Distributing Co., Chicago, Ill. Filed Oct. 6, 1947. Under section 2f of the act of 1946.

NORTH SEA

FOR CANDIES, VIZ. SWEDISH MINTS.
Claims use since October 1928.

Ser. No. 539,854. COVINA ORANGE GROWERS ASSOCIATION, Covina, Calif. Filed Nov. 1, 1947.

GLADIOLA

FOR FRESH CITRUS FRUIT.
Claims use since 1913.

Ser. No. 541,755. MEAD JOHNSON & COMPANY, Evansville, Ind. Filed July 22, 1947.

ALACTA

Applicant claims ownership of registration No. 277,565.
FOR SPECIALLY PREPARED DRIED MILK.
Claims use since June 10, 1930.

Ser. No. 544,657. CARDINET CANDY COMPANY, INC., Oakland, Calif. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

CARDINET'S

Applicant claims ownership of registration No. 429,076.
FOR CANDY.
Claims use since Aug. 10, 1909.

Ser. No. 546,929. J. S. HOFFMAN COMPANY, Chicago, Ill. Filed Sept. 13, 1947.

CAMANBRIE

Applicant claims ownership of registrations Nos. 276,333 and 307,673.
FOR CHEESE.
Claims use since May 2, 1930.

CLASS 55

SERVICES

Ser. No. 528,058. CHICAGO AND NORTH WESTERN RAILWAY COMPANY, Chicago, Ill. Filed July 7, 1947. Service Mark.

C&NW

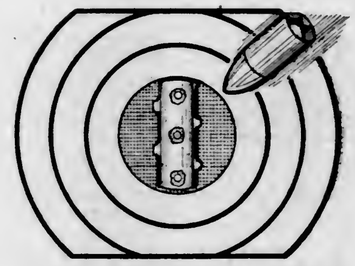
FOR RAILWAY FREIGHT AND PASSENGER TRANSPORTATION SERVICES.
Claims use since Jan. 19, 1928.

Ser. No. 528,059. CHICAGO AND NORTH WESTERN RAILWAY COMPANY, Chicago, Ill. Filed July 7, 1947. Service Mark.

CNW

FOR RAILWAY FREIGHT AND PASSENGER TRANSPORTATION SERVICES.
Claims use since Jan. 31, 1938.

Ser. No. 528,069. MCCULLOUGH TOOL COMPANY, Los Angeles, Calif. Filed July 7, 1947. Service Mark.



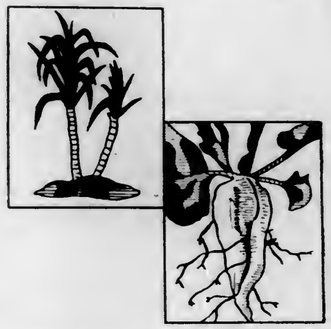
The stippling in the drawing is for shading purposes only.
FOR GUN PERFORATING TESTING IN CONNECTION WITH OIL WELLS.
Claims use since February 1945.

Ser. No. 530,350. TELEWELD, INC., Chicago, Ill. Filed Aug. 2, 1947. Service Mark.

TELEWELD

Applicant claims ownership of registration No. 260,119.
FOR REBUILDING RAIL ENDS BY ADDING WELD METAL AND GRINDING; RECLAIMING RAIL FROGS, CROSSINGS AND SWITCH POINTS BY ADDING WELD METAL AND GRINDING TO THEIR ORIGINAL CONFIGURATION; RAIL END HARDENING IN TRACK AND IN MILLS; RAIL END CHAMFERING; REPAIRING AND REINFORCING BRIDGES AND THE METAL FRAMEWORK OF BUILDINGS BY WELDING; MOVING STEEL STORAGE TANKS BY DISMANTLING INTO SECTIONS AND REASSEMBLING BY WELDING INTO THEIR ORIGINAL CONFIGURATION; JOINING BY WELDING SECTIONS OF PENSTOCK IN THE FIELD.
Claims use since Mar. 27, 1934.

Ser. No. 531,654. B. W. DYER & COMPANY, New York, N. Y. Filed Aug. 18, 1947. Service Mark.



The drawing is lined for shading purposes only.
FOR SERVICES AS A BROKER IN SUGARS, SYRUPS, AND MOLASSES.
Claims use since September 1939.

Ser. No. 532,825. HARDWARE DEALERS MUTUAL FIRE INSURANCE COMPANY, Stevens Point, Wis. Filed Aug. 29, 1947. Service Mark. Under section 2f of the act of 1946.

Hardware Mutuals

No claim is made to the word "Mutuals" apart from the mark.

FOR FIRE AND CASUALTY INSURANCE.

Claims use since March 1941.

Ser. No. 536,705. MOORE-MCCORMACK LINES, INC., New York, N. Y. Filed Oct. 3, 1947. Service Mark.

Good Neighbor fleet

The applicant disclaims any exclusive right to the term "Fleet" except as shown.

FOR SHIPPING SERVICE OPERATED BETWEEN UNITED STATES ATLANTIC PORTS AND PORTS ON THE EAST COATS OF SOUTH AMERICA, SOUTH OF AND INCLUDING PARA, BRAZIL.

Claims use since in the year 1938.

Ser. No. 540,011. NATIONAL ASSOCIATION OF REAL ESTATE BOARDS, Chicago, Ill. Filed July 17, 1947. Service Mark.



FOR SERVICES IN CONNECTION WITH THE BROKERAGE OF REAL ESTATE, INDUSTRIAL BROKERAGE, FARM BROKERAGE, MORTGAGE BROKERAGE, IN THE APPRAISAL OF REAL ESTATE, MANAGEMENT OF REAL ESTATE IN THE BUILDING OF STRUCTURES ON REAL ESTATE, IN THE SUBDIVISION OF REAL ESTATE PROPERTIES, AND IN COMMUNITY PLANNING FOR THE DEVELOPMENT OF RAW LAND AND SLUM CLEARANCE AREAS.

Claims use since Dec. 15, 1922.

Ser. No. 540,012. NATIONAL ASSOCIATION OF REAL ESTATE BOARDS, Chicago, Ill. Filed July 17, 1947. Service Mark.



Applicant disclaims all wording of the mark except "Realtor."

FOR SERVICES IN CONNECTION WITH THE BROKERAGE OF REAL ESTATE, INDUSTRIAL BROKERAGE, FARM BROKERAGE, MORTGAGE BROKERAGE, IN THE APPRAISAL OF REAL ESTATE, MANAGEMENT OF REAL ESTATE IN THE BUILDING OF STRUCTURES ON REAL ESTATE, IN THE SUBDIVISION OF REAL ESTATE PROPERTIES, AND IN COMMUNITY PLANNING FOR THE DEVELOPMENT OF RAW LAND AND SLUM CLEARANCE AREAS.

Claims use since Dec. 15, 1922.

Ser. No. 540,015. NATIONAL ASSOCIATION OF REAL ESTATE BOARDS, Chicago, Ill. Filed July 17, 1947. Service Mark.

REALTORS

FOR SERVICES IN CONNECTION WITH THE BROKERAGE OF REAL ESTATE, INDUSTRIAL BROKERAGE, FARM BROKERAGE, MORTGAGE BROKERAGE, IN THE APPRAISAL OF REAL ESTATE, MANAGEMENT OF REAL ESTATE IN THE BUILDING OF STRUCTURES ON REAL ESTATE, IN THE SUBDIVISION OF REAL ESTATE PROPERTIES, AND IN COMMUNITY PLANNING FOR THE DEVELOPMENT OF RAW LAND AND SLUM CLEARANCE AREAS.

Claims use since Mar. 31, 1916.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

440,528. FORCED DRAFT SPACE HEATERS FOR BUILDINGS, UTILIZING AS FUEL, OIL OR COAL. NATIONAL HEATER CO., Minneapolis, Minn.

Filed February 3, 1945. Serial No. 479,396. PUBLISHED MAY 25, 1948. Class 34.

440,529. SCREW MACHINE PRODUCTS — VIZ., ADAPTERS FOR ELECTRICAL CONNECTIONS, ARMATURES, ARTIFICIAL ANTENNA TRANSMITTER BASES, ETC. U. S. AUTOMATIC CORPORATION, Amberst, Ohio.

Filed July 19, 1945. Serial No. 486,014. PUBLISHED JUNE 8, 1948. Class 21.

440,530. FRAME FOR HOLDING BATTERIES DOWN WHILE IN USE. FELIX E. BROWN, doing business as Safety Grip Manufacturing Company, Bethlehem, Pa.

Filed July 26, 1945. Serial No. 486,286. PUBLISHED JUNE 1, 1948. Class 21.

440,531. ANTISEPTIC DRESSING POWDER FOR FOOT ROT, SORES, SUPERFICIAL WOUNDS AND SKIN INFECTION OF LIVESTOCK. BEEBE LABORATORIES, INC., St. Paul, Minn.

Filed August 3, 1945. Serial No. 486,647. PUBLISHED JUNE 25, 1946. Class 6.

440,532. PIECE GOODS MADE OF SILK, COTTON, RAYON, LINEN, AND COMBINATIONS THEREOF. TOWNBROOKE FABRICS, INC., New York, N. Y.

Filed September 4, 1945. Serial No. 487,973. PUBLISHED MAY 25, 1948. Class 42.

440,533. INSECTICIDE. INDUSTRIAL MANAGEMENT CORPORATION, Los Angeles, Calif.

Filed October 15, 1945. Serial No. 489,968. PUBLISHED JANUARY 14, 1947. Class 6.

440,534. FLEXIBLE FIBROUS SHEET BASE MATERIAL IMPREGNATED WITH TOUGHENING AND REINFORCING SUBSTANCES AND SOLD IN SHEETS, ROLLS AND CUT STRIPS AND SECTIONS, FOR USE MAINLY AS A SEAM REINFORCING OR STAYING MATERIAL IN LEATHER GOODS. MAYNARD H. MOORE, JR. INC., Stoneham, Mass.

Filed November 9, 1945. Serial No. 491,348. PUBLISHED JUNE 15, 1948. Class 50.

440,535. PIANO, AUTO, FURNITURE, WOODWORK, AND FLOOR POLISHES. LENA G. SMUCKLER, doing business as French Veneer Manufacturing Co., Los Angeles, Calif., assignor, by mesne assignments, to French Veneer Manufacturing Co., Inc., Los Angeles, Calif., a corporation of California.

Filed December 4, 1945. Serial No. 492,666. PUBLISHED MAY 25, 1948. Class 16.

440,536. KITCHEN CABINETS AND UNDERSINK CABINETS. MULLINS MANUFACTURING CORPORATION, Salem and Warren, Ohio.

Filed December 28, 1945. Serial No. 493,975. PUBLISHED JUNE 15, 1948. Class 32.

440,537. KITCHEN CABINETS AND UNDERSINK CABINETS. MULLINS MANUFACTURING CORPORATION, Salem and Warren, Ohio.

Filed December 28, 1945. Serial No. 493,976. PUBLISHED JUNE 15, 1948. Class 32.

440,538. PEDAL-TYPE VEHICLE IN THE FORM OF A TRICYCLE FOR USE BY CHILDREN. J. E. DONALSON, doing business as J. E. Donalson Mfg. Co., North Kansas City, Mo.

Filed January 21, 1946. Serial No. 495,134. PUBLISHED MAY 11, 1948. Class 22.

440,539. WATER COOLER CABINETS; TYPEWRITER DESKS AND CABINETS; DISPLAY CASES AND CABINETS; KITCHEN, OFFICE AND DISPLAY TABLES; DESKS; FILING CASES, BOOK CASES, CUPBOARDS, WARDROBES; STEEL LOCKERS FOR CLOTHING AND THE LIKE; FURNITURE DRAWERS; SHELVING. REPUBLIC STEEL CORPORATION, Cleveland, Ohio.

Filed January 25, 1946. Serial No. 495,406. PUBLISHED JUNE 22, 1948. Class 32.

440,540. GAME BOARDS AND PARTS THEREOF, GAME PIECES AND FIGURE TOYS FORMED OF SHEET METAL. ATELIERS ARMAND ADRIAENSSENS, SOCIÉTÉ DE PERSONNES À RESPONSABILITÉ LIMITÉE, Molenbeek-Saint Jean, Belgium.

Filed February 11, 1946. Serial No. 496,364. PUBLISHED MAY 25, 1948. Class 22.

440,541. ARTICLES OF CLOTHING—NAMELY, BLOUSES, FROCKS, SHIRTS, SCARVES, NECKTIES, COLLARS, UNDERWEAR, SPORTSWEAR, GOWNS, COATS, TROUSERS, VESTS, SUITS, SOCKS, STOCKINGS, AND JACKETS. HEBERLEIN & CO. A.-G., Wattwil, Switzerland.

Filed February 13, 1946. Serial No. 496,507. PUBLISHED JUNE 8, 1948. Class 39.

440,542. PENETRATING OIL CONTAINING A CARBON SOLVENT, VALVE OIL CONTAINING A SLUDGE SOLVENT, AND RUBBER LUBRICANT (CONSISTING OF A MIXTURE OF ALCOHOL AND CASTOR OIL). PARK CHEMICAL COMPANY, Detroit, Mich.

Filed February 15, 1946. Serial No. 496,652. PUBLISHED MAY 18, 1948. Class 15.

440,543. PYROPHORIC CIGARETTE LIGHTERS. ESQUIRE PRODUCTS COMPANY, New York, N. Y.

Filed February 20, 1946. Serial No. 496,955. PUBLISHED JUNE 8, 1948. Class 34.

440,544. HIGH BOILING AROMATIC OILS AND THEIR FRACTIONS FOR USE AS LIQUID PETROLEUM SOLVENTS AND PLASTICIZERS AS INGREDIENTS IN THE MANUFACTURE OF PAINTS AND VARNISHES. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.

Filed March 13, 1946. Serial No. 498,177. PUBLISHED MAY 25, 1948. Class 16.

440,545. LIQUID FINISH IN THE NATURE OF A VARNISH FOR BOWLING ALLEYS AND A LIQUID THINNER AND PRIMER FOR USE THEREWITH. HILLYARD CHEMICAL COMPANY, St. Joseph, Mo.

Filed March 22, 1946. Serial No. 498,770. PUBLISHED MAY 25, 1948. Class 16.

440,546. TOY MUSICAL INSTRUMENTS—NAMELY, TOY HORNS. TOY-TESTED TOYS LTD., New York, N. Y.

Filed March 23, 1946. Serial No. 498,870. PUBLISHED MAY 11, 1948. Class 22.

440,547. ICE AND ROLLER SKATES. SCHMID BROTHERS, Lancaster, Pa., assignor to Moen and Patton, Inc., Lancaster, Pa., a corporation of Pennsylvania.

Filed March 28, 1946. Serial No. 499,155. PUBLISHED JUNE 1, 1948. Class 22.

440,548. TOY MUSICAL TOPS. VICTORY MUSICAL TOP MANUFACTURING COMPANY, New York, N. Y.

Filed March 28, 1946. Serial No. 499,178. PUBLISHED JUNE 1, 1948. Class 22.

440,549. DISPENSING BOTTLE STOPPERS. MALLICK MANUFACTURING CO., Chicago, Ill.

Filed May 11, 1946. Serial No. 501,915. PUBLISHED JUNE 22, 1948. Class 50.

440,550. FURNITURE, AND MORE PARTICULARLY FOR DOMESTIC AND OFFICE CHAIRS. ELLSWORTH INDUSTRIES, INC., Milwaukee, Wis., assignor to Meier & Pohlmann Furniture Company, St. Louis, Mo., a corporation of Missouri.
Filed May 27, 1946. Serial No. 502,811. PUBLISHED MAY 6, 1947. Class 32.

440,551. SHEETING, SHEETS AND PILLOW CASES. HESSLEIN & CO., INC., New York, N. Y.
Filed May 31, 1946. Serial No. 503,094. PUBLISHED JUNE 1, 1948. Class 42.

440,552. ORGANIZATION INSIGNIA, BADGES, EMBLEMS, KEYS, PINS, BUTTONS OF PRECIOUS METAL OR PLATED WITH PRECIOUS METAL. AMERICAN VETERANS OF WORLD WAR II, Washington, D. C.
Filed June 13, 1946. Serial No. 503,784. PUBLISHED JUNE 8, 1948. Class 28.

440,553. NOVELTIES AND CURIOS SOLD AS SOUVENIRS—NAMELY, ORNAMENTAL TILES USED AS DECORATIVE PLAQUES, SMALL STATUETTES OF CERAMIC MATERIAL, AND PAINTED WOOD PLAQUES. LA VILLITA CORPORATION, San Antonio, Tex.
Filed June 18, 1946. Serial No. 504,111. PUBLISHED JUNE 22, 1948. Class 50.

440,554. MECHANISM FOR USE WITH OIL BURNERS OPERABLE TO INSURE PREDETERMINED UNIFORM TIME-QUANTITY DELIVERY OF OIL TO THE BURNER, ETC. PREFERRED UTILITIES MANUFACTURING CORP., New York, N. Y.
Filed June 20, 1946. Serial No. 504,289. PUBLISHED JUNE 1, 1948. Class 34.

440,555. BRUSHING LACQUER FOR USE IN COATING AIRPLANE MODELS. RICHARD I. QUIGLEY, JR., doing business as Quigley Chemical Products Company, High Point, N. C.
Filed July 8, 1946. Serial No. 505,235. PUBLISHED MAY 25, 1948. Class 16.

440,556. RADIO RECEIVING SET CABINETS. JOHN G. TINDALE, Kansas City, Mo.
Filed July 13, 1946. Serial No. 505,630. PUBLISHED MAY 25, 1948. Class 32.

440,557. AUTOMOBILE REPAIR AND REPLACEMENT PARTS, PARTICULARLY FOR AUTOMOBILE IGNITIONS—NAMELY, CONTACTS AND CONTACT POINTS, ETC. F. & B. MFG. CO., Chicago, Ill.
Filed July 26, 1946. Serial No. 506,298. PUBLISHED JUNE 1, 1948. Class 21.

440,558. BRUSHES FOR CLEANING TYPE. BRUSHMAKERS, INC., Minneapolis, Minn.
Filed July 31, 1946. Serial No. 506,579. PUBLISHED APRIL 27, 1948. Class 29.

440,559. DINETTE SUITES—NAMELY, TABLES AND CHAIRS. MEIER & POHLMANN FURNITURE CO., St. Louis, Mo.
Filed August 3, 1946. Serial No. 506,830. PUBLISHED DECEMBER 17, 1946. Class 32.

440,560. WOVEN MATS, RUGS, AND CARPETS. FRED H. SCHOEMAN, New York, N. Y.
Filed August 6, 1946. Serial No. 506,966. PUBLISHED JUNE 8, 1948. Class 42.

440,561. NON-ELECTRICAL PHONOGRAPHS AND GROOVED PHONOGRAPH RECORDS. GEORGES CHEREL, Paris, France.
Filed August 13, 1946. Serial No. 507,297. PUBLISHED JUNE 15, 1948. Class 36.

440,562. GOLF ACCESSORY AND MORE PARTICULARLY A GOLF SWING-CORRECTOR SLEEVE. WILLIAM REINEKING, Melbourne, Fla.
Filed August 15, 1946. Serial No. 507,491. PUBLISHED APRIL 13, 1948. Class 22.

440,563. CHILDREN'S OUTER WEARING APPAREL—NAMELY, TROUSERS, SLACKS, JODHPURS, SHORTS, PLAY OVERALLS, TODDLER OVERALLS AND JACKETS, AND SPORT JACKETS. TRI-PAREL CORPORATION, Philadelphia, Pa.
Filed August 17, 1946. Serial No. 507,604. PUBLISHED MAY 25, 1948. Class 39.

440,564. ATHLETIC SUPPLIES—NAMELY, BAR BELLS, DUMB BELLS, EXPANSION AND CONTRACTION EXERCISING APPARATUS, WALL PULLEY EXPANDER SETS, AND ABDOMINAL EXERCISE BOARDS FOR GYMNASTIC AND EXERCISING USE. ROBERT C. HOFFMAN, York, Pa.
Filed August 22, 1946. Serial No. 507,824. PUBLISHED MAY 25, 1948. Class 22.

440,565. ATHLETIC SUPPLIES—NAMELY, BAR BELLS, ETC. ROBERT C. HOFFMAN, York, Pa.
Filed Aug. 22, 1946. Serial No. 507,825. PUBLISHED MAY 11, 1948. Class 22.

440,566. TARGET GAME EMPLOYING THE USE OF MAGNETS. LEE SALES COMPANY, New York, N. Y.
Filed August 30, 1946. Serial No. 508,297. PUBLISHED MAY 25, 1948. Class 22.

440,567. GASOLINE. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed September 3, 1946. Serial No. 508,450. PUBLISHED MAY 25, 1948. Class 15.

440,568. METALLIC DISPENSING CONTAINERS FOR DISPOSABLE TISSUES. RICHMOND METAL AND PLASTICS CORPORATION, Philadelphia, Pa.
Filed September 5, 1946. Serial No. 508,548. PUBLISHED JUNE 22, 1948. Class 2.

440,569. TOYS IN THE FORM OF MINIATURE HOUSE-CLEANING DEVICES. NORSTAR CORPORATION, New York, N. Y.
Filed September 11, 1946. Serial No. 508,854. PUBLISHED MAY 11, 1948. Class 22.

440,570. HOUSEHOLD FURNITURE—NAMELY, TABLES, CHAIRS, BEDS, DRESSERS, HIGHBOYS, CHIFFONIERS, CHIFFOROBES, DRESSING TABLES, VANITIES, ETC. HECHT'S FURNITURE HOUSE, INC., Baltimore, Md.
Filed September 20, 1946. Serial No. 509,422. PUBLISHED OCTOBER 7, 1947. Class 32.

440,571. MATTRESSES AND BOX SPRINGS. SEALY, INCORPORATED, Chicago, Ill.
Filed September 23, 1946. Serial No. 509,607. PUBLISHED MARCH 11, 1947. Class 32.

440,572. WOODEN FILE BOXES FOR USE ON DESK TOPS AND ADAPTED FOR THE RECEPTION OF STATIONERY AND PRINTED MATTER. EDWARD W. ROWAND, Delaware, Ohio.
Filed September 27, 1946. Serial No. 509,877. PUBLISHED JUNE 15, 1948. Class 32.

440,573. ONE-PIECE DRESS VESTS. SOL SHERMAN, doing business as Sherman Products, New York, N. Y.
Filed October 15, 1946. Serial No. 510,902. PUBLISHED JUNE 8, 1948. Class 39.

440,574. ODORLESS DISINFECTING FLUID FOR DISINFECTING DISHES, GLASSES, TABLEWARE, AND OTHER UTENSILS. THE SLICK-SHINE COMPANY, Newark, N. J.
Filed October 18, 1946. Serial No. 511,113. PUBLISHED JUNE 8, 1948. Class 6.

440,575. CIGARETTE LIGHTERS OF THE PYROPHORIC TYPE. BARRY PRODUCTS, INC., Chicago, Ill.
Filed October 26, 1946. Serial No. 511,533. PUBLISHED MAY 4, 1948. Class 34.

440,576. LACQUERS AND WOOD FINISHES HAVING SEALING AND FILLING PROPERTIES. INTERCHEMICAL CORPORATION, New York, N. Y.
Filed November 1, 1946. Serial No. 511,877. PUBLISHED MAY 25, 1948. Class 16.

440,577. COSMETIC PREPARATION—NAMELY, SKIN LOTION. EDWIN H. SWAIM, doing business as the E. H. Swaim Company, Dayton, Ohio.
Filed November 6, 1946. Serial No. 512,137. PUBLISHED JUNE 8, 1948. Class 6.

440,578. SODIUM CITRATE SOLUTIONS. CUTTER LABORATORIES, Berkeley, Calif.
Filed November 12, 1946. Serial No. 512,390. PUBLISHED JUNE 8, 1948. Class 6.

440,579. SODIUM CITRATE SOLUTIONS. CUTTER LABORATORIES, Berkeley, Calif.
Filed November 12, 1946. Serial No. 512,395. PUBLISHED JUNE 8, 1948. Class 6.

440,580. MEN'S AND BOYS' SUITS, COATS, OVERCOATS, TOPCOATS, VESTS, TROUSERS, KNICKERBOCKERS, AND BREECHES, ALL MADE FROM WOOLEN FABRIC. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed November 14, 1946. Serial No. 512,588. PUBLISHED JULY 22, 1947. Class 39.

440,581. HATS FOR MEN AND WOMEN. FERNANDE ROYER NEE LEBIET, Paris, France.
Filed November 15, 1946. Serial No. 512,656. PUBLISHED JUNE 1, 1948. Class 39.

440,582. POWDER CRYSTALIZING COMPOUND, FOR APPLICATION TO WIRE OR THE LIKE TO PRODUCE A CRYSTAL-LIKE COATING SIMULATING LEAVES, FLOWERS OR OTHER ORNAMENTS. ALICE G. REINA, New York, N. Y.
Filed November 20, 1946. Serial No. 512,927. PUBLISHED JUNE 8, 1948. Class 1.

440,583. MEN'S, WOMEN'S, AND CHILDREN'S SWIMSUITS, COATS, JACKETS, SPORT SHIRTS, ETC. GANTNER & MATTERN COMPANY, San Francisco, Calif.
Filed November 22, 1946. Serial No. 513,040. PUBLISHED JUNE 8, 1948. Class 39.

440,584. MEN'S, WOMEN'S, AND CHILDREN'S SWIMSUITS, COATS, JACKETS, SPORT SHIRTS, SHORTS, AND SWEATERS; WOMEN'S PLAYSUITS AND BRASSIÈRES; WOMEN'S AND CHILDREN'S SLACKS, UNDERWEAR; APPAREL BELTS; MEN'S SWIM TRUNKS, AND SUPPORTERS. GANTNER & MATTERN COMPANY, San Francisco, Calif.
Filed November 25, 1946. Serial No. 513,174. PUBLISHED MAY 18, 1948. Class 39.

440,585. CHILDREN'S COVERALLS FOR OUTDOOR PLAY. MARTIN BROTHERS COMPANY, Minneapolis, Minn.
Filed November 25, 1946. Serial No. 513,185. PUBLISHED MAY 25, 1948. Class 39.

440,586. WOOLEN PIECE GOODS CONSISTING OF 95–99% WOOL IN COMBINATION WITH MINUTE QUANTITIES OF SEAWEED, COTTON, SILK, SYNTHETIC FIBRE, HAIR OR OTHER TYPE OF THREAD, USED SOLELY FOR ORNAMENTAL PURPOSES. ECLARTÉ PROPRIETARY LIMITED, Melbourne, Victoria, Australia.
Filed December 5, 1946. Serial No. 513,731. PUBLISHED JUNE 8, 1948. Class 42.

440,587. WOODWIND MUSICAL INSTRUMENT, ETC. EDWARD V. POWELL, doing business as Powell Instrument Company, Scarsdale, N. Y.
Filed December 5, 1946. Serial No. 513,767. PUBLISHED JUNE 15, 1948. Class 36.

440,588. PROTECTIVE COATINGS IN THE NATURE OF PAINTS, VARNISHES, AND VARNISH-LIKE COATING MATERIALS FOR VARIOUS BUILDING STRUCTURES, PLAQUES, ART WORK, POSTERS, AND THE LIKE. THE DOLPHIN PAINT & VARNISH CO., Toledo, Ohio.
Filed December 9, 1946. Serial No. 513,928. PUBLISHED MAY 25, 1948. Class 16.

440,589. RAYON PIECE GOODS. MELODIE TEXTILES, INC., New York, N. Y.
Filed December 13, 1946. Serial No. 514,211. PUBLISHED JUNE 1, 1948. Class 42.

440,590. ARTIFICIAL FISH-BAITS OR LURES COMBINED WITH FISH-HOOKS. ALLEN A. GARDNER, Sykesville P. O., Winfield, Md.
Filed December 23, 1946. Serial No. 514,702. PUBLISHED MAY 11, 1948. Class 22.

440,591. OXIDIZED WAX MATERIAL FOR USE IN VARNISH, LACQUER, PAINT, AND POLISH. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed December 31, 1946. Serial No. 515,134. PUBLISHED MAY 25, 1948. Class 16.

440,592. TABLE PLACE MATS. THE ULLMAN COMPANY INC., Brooklyn, N. Y.
Filed December 31, 1946. Serial No. 515,142. PUBLISHED JUNE 1, 1948. Class 42.

440,593. LIQUID RESINOUS COATING COMPOSITION USED IN THE MANNER OF PAINT FOR PROTECTING INDUSTRIAL EQUIPMENT, METALS, AND OTHER MATERIALS AGAINST CORROSION OR CORROSIVE AGENTS. THE MERCHANTS CHEMICAL COMPANY, Stamford, Conn.
Filed January 7, 1947. Serial No. 515,384. PUBLISHED MAY 25, 1948. Class 16.

440,594. HASSOCK CONTAINER FOR PHONOGRAPH RECORDS. PEERLESS ALBUM COMPANY, INC., New York, N. Y.
Filed January 15, 1947. Serial No. 515,779. PUBLISHED JUNE 1, 1948. Class 32.

440,595. CLEANSING CREAM, HAND LOTION, POWDER BASE CREAM, COLD CREAM AND HAND CREAM. MAXIM GORMAN, doing business as Gorman Cosmetics, New Britain, Conn.
Filed January 22, 1947. Serial No. 516,128. PUBLISHED JUNE 8, 1948. Class 6.

440,596. PIGMENTS FOR PAINTS AND LACQUERS. INTERCHEMICAL CORPORATION, New York, N. Y.
Filed February 4, 1947. Serial No. 516,901. PUBLISHED MAY 25, 1948. Class 16.

440,597. FLAVORING EXTRACTS, CONCENTRATES AND EMULSIONS IN THE FOLLOWING FLAVORS: ALMOND, ANISE, APRICOT, BANANA, ETC. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed February 5, 1947. Serial No. 516,953. PUBLISHED JUNE 8, 1948. Class 46.

440,598. ELECTRIC IRONS. THE YALE & TOWNE MANUFACTURING COMPANY, Stamford, Conn., and elsewhere.
Filed February 5, 1947. Serial No. 517,026. PUBLISHED JUNE 8, 1948. Class 21.

440,599. MEN'S AND BOYS' OVERCOATS, TOPCOATS, SUITS, SPORT COATS, SLACKS, JACKETS, TROUSERS, AND VESTS. KRAVITZ CLOTHING COMPANY, Atlantic City, N. J.
Filed February 6, 1947. Serial No. 517,063. PUBLISHED SEPTEMBER 9, 1947. Class 39.

440,600. AIR-CONDITIONING APPARATUS, INCLUDING CONDENSERS, DUCTS, AIR HEATING AND COOLING EQUIPMENT AND AIR PURIFIERS. ARMO COOLING & VENTILATING CO., INC., New York, N. Y.
Filed February 7, 1947. Serial No. 517,103. PUBLISHED DECEMBER 30, 1947. Class 34.

440,601. EMPTY TUBE-LIKE UNITS FOR STORING AND DISPENSING FILTER DISKS. ALBERT I. NEGUS, JR., doing business as Cotton Disk Dispenser Co., Madison, Wis.
Filed February 7, 1947. Serial No. 517,148. PUBLISHED JUNE 15, 1948. Class 2.

440,602. JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES). WALTER ARONHEIM, New York, N. Y.
Filed February 21, 1947. Serial No. 517,883. PUBLISHED JANUARY 13, 1948. Class 28.

440,603. INVERT SUGAR COMPOSED OF SUGAR SYRUP, ETC. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed February 24, 1947. Serial No. 517,964. PUBLISHED JUNE 8, 1948. Class 46.

440,604. BUTTER SUBSTITUTE COMPOSED OF SUGAR, SYRUP, IMITATION BUTTER FLAVOR, COLORING MATTER, GUM AND A PRESERVATIVE AND EMPLOYED AS AN INGREDIENT IN THE PRODUCTION OF BAKED GOODS, ETC. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed February 24, 1947. Serial No. 517,965. PUBLISHED JUNE 8, 1948. Class 46.

440,605. ICING POWDER FOR USE IN THE FORMATION OF ICINGS FOR BAKERY PRODUCTS. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed February 24, 1947. Serial No. 517,966. PUBLISHED JUNE 8, 1948. Class 46.

440,606. FOOD-FLAVORING EXTRACTS, IN THE FORM OF LIQUID OR SEMI-FLUID CONCENTRATES AND EMULSIONS IN THE FOLLOWING FLAVORS: ANISE, APRICOT, BANANA, BLACK WALNUT, BUTTERSCOTCH, ETC. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed February 24, 1947. Serial No. 517,967. PUBLISHED JANUARY 8, 1948. Class 46.

440,607. MEN'S AND LADIES' BRACELETS AND WATCH BRACELETS. JACOBY-BENDER, INC., New York, N. Y.
Filed February 24, 1947. Serial No. 518,004. PUBLISHED JUNE 8, 1948. Class 28.

440,608. METAL CLOTHES RACKS, HAT RACKS, AND COMBINATION CLOTHES RACKS AND HAT RACKS. FRED C. ZIEG, doing business as the Essington Company, Fort Wayne, Ind.
Filed February 28, 1947. Serial No. 518,334. PUBLISHED JUNE 8, 1948. Class 32.

440,609. BRACELETS, BROOCHES, CUFF-LINKS, EARRINGS, NECKLACES, FINGER RINGS, AND TIE PINS, ALL OF WHICH ARE FABRICATED IN WHOLE OR IN PART FROM PRECIOUS METALS—NAMELY, GOLD AND SILVER. PETER BLOS, Oakland, Calif.
Filed March 8, 1947. Serial No. 518,716. PUBLISHED JUNE 8, 1948. Class 28.

440,610. STORAGE BATTERIES. NICKEL CADMIUM BATTERY CORPORATION, Easthampton, Mass.
Filed March 12, 1947. Serial No. 518,904. PUBLISHED JUNE 1, 1948. Class 21.

440,611. WOOLEN PIECE GOODS. VICTORIA WOOLEN COMPANY, INC., New York, N. Y.
Filed March 15, 1947. Serial No. 519,108. PUBLISHED JUNE 8, 1948. Class 42.

440,612. TRANSPARENT, FLEXIBLE, WATER-PROOF, WEATHER REPELLENT SHEET MATERIAL MADE UP OF A FABRIC BASE HAVING LARGE INTERSTICES IMPREGNATED WITH TRANSPARENT PLASTIC MATERIAL, PARTICULARLY ADAPTABLE FOR USE AS A GLASS SUBSTITUTE. THE RICHKRAFT COMPANY, Chicago, Ill.
Filed March 21, 1947. Serial No. 519,417. PUBLISHED JUNE 15, 1948. Class 50.

440,613. SHIRTS, PAJAMAS, SPORT SHIRTS, POLO SHIRTS, SHORTS, UNDERSHIRTS, AND SWEATERS FOR MEN, WOMEN, AND CHILDREN. ATLAS SHIRT COMPANY, INC., New York, N. Y.
Filed March 25, 1947. Serial No. 519,504. PUBLISHED JUNE 8, 1948. Class 39.

440,614. INFLATABLE RUBBER TOYS SIMULATING ANIMALS AND OTHER OBJECTS WHEN INFLATED, AND RUBBER BALLS. HUNGARIAN RUBBER GOODS FACTORY LIMITED, Budapest, Hungary.
Filed March 26, 1947. Serial No. 519,581. PUBLISHED MAY 11, 1948. Class 22.

440,615. CIGARS. SALVADOR RODRIGUEZ, INC., Tampa, Fla.
Filed March 28, 1947. Serial No. 519,776. PUBLISHED JUNE 22, 1948. Class 17.

440,616. FABRIC PIECE GOODS, OF WOOL, NYLON, RAYON, SILK, COTTON AND MIXTURES THEREOF SOLD BY THE YARD AND BY WEIGHT. ROSEWIN COATS, INC., Kansas City, Mo.
Filed March 31, 1947. Serial No. 519,899. PUBLISHED MAY 25, 1948. Class 42.

440,617. WIDE ELASTIC FABRICS IN THE PIECE. JOHN HEATHCOAT & Co., Tiverton, Devon, England, assignor to John Heathcoat & Co., Inc., New York, N. Y.
Filed April 1, 1947. Serial No. 519,950. PUBLISHED JUNE 8, 1948. Class 42.

440,618. CIGARS. SALVADOR RODRIGUEZ, INC., Tampa, Fla.
Filed April 2, 1947. Serial No. 520,058. PUBLISHED JUNE 22, 1948. Class 17.

440,619. SOUND COMMUNICATION APPARATUS, SPECIFICALLY, MICROPHONES, ETC. CALIFORNIA TELEPHONE & ELECTRIC COMPANY, Los Angeles, Calif.
Filed April 7, 1947. Serial No. 520,261. PUBLISHED JANUARY 13, 1948. Class 21.

440,620. MEDICAL HERB SPECIALTIES IN TABLET AND POWDER FORM, ETC. KRÄUTERPFARRER JOHANN KÜNZLE ZIZERS A. G., Zizers, Switzerland.
Filed April 7, 1947. Serial No. 520,282. PUBLISHED JUNE 15, 1948. Class 6.

440,621. BOYS' TROUSERS AND SLACKS. AFFILIATED RETAILERS, INC., New York, N. Y.
Filed April 8, 1947. Serial No. 520,314. PUBLISHED MAY 25, 1948. Class 39.

440,622. NURSING BOTTLE KITS CONTAINING A REFRIGERATOR SPACE FOR NURSING BOTTLES, AN ELECTRICAL HEATER FOR NURSING BOTTLES AND STORAGE SPACE FOR EMPTY BOTTLES, AND MISCELLANEOUS BABY SUPPLIES SUCH AS NURSING BOTTLES, CANNED FOOD, CLOTHING, AND TOILET ARTICLES. NORMAN B. DOERR, doing business as Doerr Products Company, Los Angeles, Calif.
Filed April 8, 1947. Serial No. 520,329. PUBLISHED JUNE 15, 1948. Class 50.

440,623. COMPOSITE STRUCTURE MADE OF OPEN-MESH SHEET MATERIAL, SUCH AS TEXTILE OR WIRE NETTING, HAVING ITS INTERSTICES FILLED AND CLOSED BY A TRANSPARENT, OR TRANSLUCENT, OR OPAQUE ADHERENT FILM OF PLASTIC MATERIAL CAPABLE OF FLEXING READILY WITH THE NETTING DESIGNED AS A SUBSTITUTE FOR GLASS. PYROXYLIN PRODUCTS, INC., Chicago, Ill.
Filed April 9, 1947. Serial No. 520,415. PUBLISHED JUNE 15, 1948. Class 50.

440,624. INNERSPRING MATTRESSES, BOX SPRINGS, FELT MATTRESSES, COTTON MATTRESSES, CRIB MATTRESSES, AND STUDIO COUCHES. CHARLESTON MATTRESS MFG. CO., Charleston, S. C.
Filed April 14, 1947. Serial No. 520,613. PUBLISHED JUNE 15, 1948. Class 32.

440,625. NECKTIES. WEMBLEY, INC., New Orleans, La.
Filed April 15, 1947. Serial No. 520,777. PUBLISHED MAY 18, 1948. Class 39.

440,626. OIL BURNERS FOR BOTH INDUSTRIAL AND DOMESTIC USE. SILENT-FLAME MANUFACTURING CO., INC., New York, N. Y.
Filed April 17, 1947. Serial No. 520,906. PUBLISHED JUNE 8, 1948. Class 34.

440,627. PREPARATION IN THE NATURE OF A FLOOR OIL OR DRESSING FOR CLEANING, PRESERVING AND BEAUTIFYING WOOD AND PAINTED CEMENT FLOORS AND SIMILAR SURFACES. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed April 18, 1947. Serial No. 520,957. PUBLISHED NOVEMBER 4, 1947. Class 16.

440,628. MEN'S AND BOYS' DRESS AND SPORT SHIRTS. M. & D. SIMON COMPANY, INCORPORATED, Cleveland, Ohio.
Filed April 23, 1947. Serial No. 521,200. PUBLISHED JUNE 8, 1948. Class 39.

440,629. RUST PREVENTING COATING OIL FOR THE REMOVAL OF RUST STAINS, ETC. AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.
Filed April 23, 1947. Serial No. 521,304. PUBLISHED MAY 18, 1948. Class 15.

440,630. RIGID METALLIC DUCTS FOR LOW POTENTIAL ELECTRICAL CONDUCTORS. NATIONAL ELECTRIC PRODUCTS CORPORATION, Pittsburgh, Pa.
Filed April 29, 1947. Serial No. 521,529. PUBLISHED JUNE 1, 1948. Class 21.

440,631. SUPPORTS AND BRACKETS FOR HOLDING FLUORESCENT LIGHTS. ELI SCHNEIDERMAN, doing business as Den-El Equipment Co., Irvington, N. J.
Filed May 3, 1947. Serial No. 521,830. PUBLISHED JUNE 8, 1948. Class 21.

440,632. MEN'S, WOMEN'S, BOYS', GIRLS', CHILDREN'S AND INFANTS' OVERCOATS, TOPCOATS, SUITS, VESTS, TROUSERS, SLACKS, CLOAKS, CAPES, COAT SETS, AND LEGGING SETS, ALL MADE OF TEXTILE FABRICS. CONTINENTAL MILLS, INC., Philadelphia, Pa.
Filed May 5, 1947. Serial No. 521,856. PUBLISHED JUNE 1, 1948. Class 39.

440,633. ELECTRONIC INTERCOMMUNICATION AMPLIFIERS. ENGINEERING ENTERPRISES OF CALIFORNIA, Los Angeles, Calif.
Filed May 5, 1947. Serial No. 521,867. PUBLISHED JUNE 1, 1948. Class 21.

440,634. PLASTIC COATED ELECTRIC WIRE. PLASTOID CORPORATION, New York, N. Y.
Filed May 8, 1947. Serial No. 522,104. PUBLISHED JUNE 15, 1948. Class 21.

440,635. INFANTS' WEAR—NAMELY, POLO SHIRTS, CREEPERS, CARDIGANS, TWO-PIECE SUITS, TROUSERS, COATS, AND CAPS. TINY TAILORS, INC., Richmond Hill, N. Y.
Filed May 14, 1947. Serial No. 522,395. PUBLISHED JUNE 8, 1948. Class 39.

440,636. CHEMICAL RELEASING AGENT FOR RUBBER ARTICLES CURED IN LEAD JACKETS. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed May 16, 1947. Serial No. 522,507. PUBLISHED MAY 11, 1948. Class 15.

440,637. PIECE GOODS OF WOOL, SILK, RAYON, AND COMBINATIONS THEREOF. LIPPITT WORSTED MILLS, INC., Woonsocket, R. I.
Filed May 20, 1947. Serial No. 522,725. PUBLISHED JUNE 8, 1948. Class 42.

440,638. ELECTRIC WIRE, INSULATED AND BARE, AND ELECTRIC WIRE CORD SETS—NAMELY, EXTENSION CORDS. WESTERN INSULATED WIRE CO., Los Angeles, Calif.
Filed May 23, 1947. Serial No. 522,884. PUBLISHED JUNE 1, 1948. Class 21.

440,639. MEN'S SPORT JACKETS AND SLACKS. BLACKER BROS. INC., New York, N. Y.
Filed May 26, 1947. Serial No. 523,038. PUBLISHED JUNE 1, 1948. Class 39.

440,640. MEN'S SPORT JACKETS AND SLACKS. BLACKER BROS. INC., New York, N. Y.
Filed May 26, 1947. Serial No. 523,081. PUBLISHED JUNE 1, 1948. Class 39.

440,641. MEN'S, WOMEN'S, AND CHILDREN'S SOCKS, STOCKINGS, VESTS, PANTS, KNICKERS, SHIRTS, AND SUSPENDERS. J. BARLOW & Co. (NOTTM) LIMITED, Beeston, England.
Filed May 28, 1947. Serial No. 523,171. PUBLISHED MAY 18, 1948. Class 39.

440,642. WATCHES, WATCH CASES AND WATCH MOVEMENTS. THE GRUEN WATCH COMPANY, Cincinnati, Ohio.
Filed June 4, 1947. Serial No. 523,523. PUBLISHED JUNE 1, 1948. Class 27.

440,643. RAYON, ROMAINE, AND ALPACA PIECE GOODS. WINGOR TEXTILE CO., INC., New York, N. Y.
Filed June 4, 1947. Serial No. 523,553. PUBLISHED JUNE 1, 1948. Class 42.

440,644. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,740. PUBLISHED JUNE 8, 1948. Class 27.

440,645. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,744. PUBLISHED JUNE 8, 1948. Class 27.

440,646. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,745. PUBLISHED JUNE 8, 1948. Class 27.

440,647. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,747. PUBLISHED JUNE 8, 1948. Class 27.

440,648. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,755. PUBLISHED JUNE 8, 1948. Class 27.

440,649. WATCHES, WATCH MOVEMENTS AND PARTS THEREOF, AND WATCHCASES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,758. PUBLISHED JUNE 8, 1948. Class 27.

440,650. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,762. PUBLISHED JUNE 8, 1948. Class 27.

440,651. WATCHES AND WATCH PARTS. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,764. PUBLISHED JUNE 8, 1948. Class 27.

440,652. REVERSIBLE, PROTECTIVE COVERING CUSHION FOR THE SURFACE OF STAIRWAYS IN THE NATURE OF METAL-BOUND TEXTILE COVERED PADS. GEORGE HERTZ, Washington, D. C.
Filed June 12, 1947. Serial No. 524,063. PUBLISHED JUNE 15, 1948. Class 50.

440,653. ORNAMENTAL LAWN RECEPTACLE HOLDERS HAVING A POINTED SLENDER LEG ADAPTED TO BE INSERTED INTO THE GROUND WITH A RAISED CONFINED PLATFORM ADAPTED TO SUPPORT DRINKING GLASSES AND OTHER RECEPTACLES. CHARLES W. DAKE, JR., Grand Haven, Mich.
Filed June 18, 1947. Serial No. 524,381. PUBLISHED JUNE 15, 1948. Class 32.

440,654. CLOTHING—NAMELY, COATS, VESTS, TROUSERS, KNICKERBOCKERS, AND OVERCOATS FOR MEN; OVERCOATS, KNICKERBOCKERS, AND JACKETS FOR WOMEN; COATS, VESTS, PANTS, KNICKERBOCKERS, AND OVERCOATS FOR YOUTHS AND CHILDREN. SOCIETY BRAND CLOTHES, INC., Chicago, Ill.
Filed June 19, 1947. Serial No. 524,492. PUBLISHED MAY 18, 1948. Class 39.

440,655. FISH HOOKS AND FISH LURES. WRIGHT & MCGILL CO., Denver, Colo.
Filed June 21, 1947. Serial No. 524,641. PUBLISHED APRIL 27, 1948. Class 22.

440,656. FLOOR WAXES AND POLISHES—NAMELY, POLISHING WAX, SELF-SHINING LIQUID WAX, AND CREME FURNITURE POLISH. THE HECHT CO., Washington, D. C., also doing business as Hecht Bros., Baltimore, Md., and New York, N. Y., and The Hub, Baltimore, Md.
Filed June 23, 1947. Serial No. 524,652. PUBLISHED MAY 25, 1948. Class 16.

440,657. PORTABLE GUARDS FOR ATTACHMENT TO THE SIDE OF A BED OR OTHER OBJECT TO FORM A BARRIER OR OBSTRUCTION FOR RETAINING A CHILD THEREON. FENCE-ME-IN, INCORPORATED, Raleigh, N. C.
Filed June 25, 1947. Serial No. 524,788. PUBLISHED JUNE 1, 1948. Class 32.

440,658. DRY CELL ELECTRIC BATTERIES. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed June 25, 1947. Serial No. 524,843. PUBLISHED JUNE 15, 1948. Class 21.

440,659. RADIO RECEIVING APPARATUS, ELECTRICAL TALKING MACHINES, COMBINATION RADIO RECEIVING APPARATUS AND ELECTRICAL TALKING MACHINES, ETC. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed June 25, 1947. Serial No. 524,845. PUBLISHED JUNE 15, 1948. Class 21.

440,660. GRANULAR SANDLIKE ZEOLITES, SOMETIMES ALSO REFERRED TO AS ION EXCHANGE MATERIALS USED FOR PURIFYING AND TREATING AQUEOUS SOLUTIONS. THE PERMUTIT COMPANY, New York, N. Y.
Filed June 28, 1947. Serial No. 525,103. PUBLISHED SEPTEMBER 30, 1947. Class 31.

440,661. CERAMIC CONDENSERS FOR THE RADIO FIELD. ERIE RESISTOR CORPORATION, Erie, Pa.
Filed July 2, 1947. Serial No. 525,574. PUBLISHED JUNE 8, 1948. Class 21.

440,662. FURNITURE AND FURNISHINGS—NAMELY, BEDROOM, DINING ROOM, ETC. JACKSON FURNITURE COMPANY, Oakland, Calif.
Filed July 3, 1947. Serial No. 525,856. PUBLISHED MAY 25, 1948. Class 32.

440,663. CONCENTRATED PLASTIC VANILLA, A SYNTHETIC VANILLA FLAVOR FOR FOOD PURPOSES. JOHN G. METKE, doing business under the name of Queen City Specialty Company, Buffalo, N. Y.
Filed July 3, 1947. Serial No. 525,917. PUBLISHED JUNE 8, 1948. Class 46.

440,664. WATCH CASES, WATCH MOVEMENTS AND PARTS. ACON WATCH CROWN CORP., New York, N. Y.
Filed July 4, 1947. Serial No. 526,182. PUBLISHED JUNE 8, 1948. Class 27.

ACT OF 1920

These registrations are not subject to opposition.

440,665. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) MILTON C. BLUM, INC., New York, N. Y. Filed Oct. 20, 1945. Serial No. 490,226.

Beverly Milton

FOR FABRICS MADE OF COTTON AND RAYON SOLD IN THE PIECE.
Claims use since June 1944.

440,666. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BRICK OVEN BAKERS, INC., Port Chester, N. Y., now by change of name Arnold Bakers, Inc., a corporation of New York. Filed Dec. 20, 1945. Serial No. 493,590.

ARNOLD
BUTTERMILK RYE

Applicant is the owner of registration No. 414,962.
FOR BAKED GOODS—NAMELY, BREAD.
Claims use since Aug. 1, 1945.

440,667. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BRICK OVEN BAKERS, INC., Port Chester, N. Y., now by change of name Arnold Bakers, Inc., a corporation of New York. Filed Dec. 20, 1945. Serial No. 493,591.

ARNOLD
ENRICHED WHITE

Applicant is the owner of registration No. 414,962.
FOR BAKED GOODS—NAMELY, BREAD.
Claims use since August 1, 1945.

440,668. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BERNARDS CREAMERY, San Leandro, Calif., assignor to John M. Bernards & Sons, Inc., San Leandro, Calif., a corporation of California. Filed Jan. 26, 1946. Serial No. 495,444.

BERNARDS
BANANA DIP

FOR FROZEN BANANAS DIPPED IN ICE CREAM.
Claims use since Sept. 30, 1945.

440,669. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PEDER KRISTENSEN, doing business as North West Butter & Egg. Co., Chicago, Ill. Filed Mar. 29, 1946. Serial No. 499,239.

DANIA

FOR BUTTER.
Claims use since Apr. 1, 1936.

440,670. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) PLASTIC AFFILIATES, INC., Santa Barbara, Calif. Filed June 3, 1946. Serial No. 503,220.

GLITTERFISH

FOR FISH LURES.
Claims use since May 1, 1946.

440,671. (CLASS 38. PRINTS AND PUBLICATIONS.) INTERSTATE PUBLISHING CORP., New York, N. Y. Filed Sept. 9, 1946. Serial No. 508,730.

SCREEN STARS

FOR MAGAZINE OR PUBLICATION PUBLISHED PERIODICALLY.
Claims use since January 1944.

440,672. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MODELAIRE, INC., Akron, Ohio. Filed Sept. 25, 1946. Serial No. 509,717.

MODELAIRE

FOR TOYS—NAMELY, MODEL AIRPLANES, MODEL BOATS, MODEL RACING CARS, MODEL LOCOMOTIVES, MODEL ENGINES AND RAIL CARS, AND GRIPS, WHEELS, PROPELLERS, ENGINES, AND CONTROLS FOR USE IN CONJUNCTION WITH ANY OF THE FOREGOING MODELS.
Claims use since Jan. 15, 1944.

440,673. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) LELAND J. ARMS, San Francisco, Calif. Filed Mar. 18, 1947. Serial No. 519,162.

POSTAL LIBRARY

FOR SOUND RECORDINGS OF THE MAGNETIZED WIRE TYPE.
Claims use since Jan. 23, 1946.

440,674. (CLASS 38. PRINTS AND PUBLICATIONS.) THE DENVER PUBLISHING COMPANY, Denver, Colo. Filed Mar. 20, 1947. Serial No. 519,318.

Dear Mrs. MAYFIELD

FOR SECTION OR COLUMN APPEARING IN DAILY AND SUNDAY NEWSPAPERS.
Claims use since Apr. 13, 1942.

440,675. (CLASS 32. FURNITURE AND UPHOLSTERY.) EDWARD GEORGE HIRST, Toronto, Ontario, Canada. Filed Mar. 21, 1947. Serial No. 519,394.

BEDAWAY

FOR CONVERTIBLE CHAIRS, TELEPHONE STANDS, CONVERTIBLE CABINETS, CONVERTIBLE TABLES, LOVE SEATS, COUCHES, CHESTERFIELDS, CHESTERFIELD BEDS, DAVENPORTS, DESKS, BEDS, SPRINGS, DRESSING TABLES, CONVERTIBLE STOOLS, CHESTS OF DRAWERS, BUFFETS, BUREAUS, SIDEBOARDS, DRESSERS, AND BOOKCASES.
Claims use since Dec. 12, 1945.

440,676. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ZION INDUSTRIES, INC., Zion, Ill. Filed June 5, 1947. Serial No. 523,637.

Zion

ARCTIC DOUGH
FROZEN

The drawing is lined to indicate the colors red, blue and gray.

FOR PREPARED FROZEN DOUGH.

Claims use since Nov. 20, 1945 on "Arctic Dough" and since April 1946 in the present form.

440,677. (CLASS 12. CONSTRUCTION MATERIALS.) THE BROOKS OIL COMPANY, also doing business as The Brooks Paint and Varnish Company, Cleveland, Ohio. Filed June 27, 1947. Serial No. 524,945.

KANT LEAK

FOR LIQUID ASBESTOS ROOFING CEMENT.

Claims use since 1925.

ACT OF 1946, PRINCIPAL REGISTER

502,047. AUTOMOTIVE EQUIPMENT AND ACCESSORIES—NAMELY, AUTOMOTIVE BRAKE LININGS AND TIRES OF RUBBER OR RUBBER AND FABRIC. LAHER SPRING AND TIRE CORPORATION, Oakland, Calif.

Filed November 12, 1947. Serial No. 493,782. PUBLISHED JUNE 8, 1948. Class 35.

502,048. REFRIGERATING APPARATUS—NAMELY, CONDENSERS, EVAPORATORS OR CHILLERS, COMPRESSORS, AND CONTROLS. BELL & GOSSETT COMPANY, Morton Grove, Ill.

Filed August 15, 1947. Serial No. 493,908. PUBLISHED JUNE 8, 1948. Class 31.

502,049. REFRIGERATING APPARATUS—NAMELY, CONDENSERS, EVAPORATORS OR CHILLERS, COMPRESSORS AND CONTROLS. BELL & GOSSETT COMPANY, Morton Grove, Ill.

Filed August 15, 1947. Serial No. 493,909. PUBLISHED JUNE 8, 1948. Class 31.

502,050. BOTTLE LIQUID WHICH WHEN SPRAYED DEODORIZES AND FRESHENS THE AIR. MILLER PROTECTO PRODUCTS CO., assignee of Miller Protecto Products Co., Kalamazoo, Mich.

Filed August 21, 1947. Serial No. 500,816. PUBLISHED JUNE 15, 1948. Class 6.

502,051. HARD THERMOPLASTIC RUBBER-RESIN SHEET MATERIAL. UNITED STATES RUBBER COMPANY, New York, N. Y.

Filed August 20, 1947. Serial No. 500,845. PUBLISHED JUNE 8, 1948. Class 1.

502,052. AIR CONDITIONING EQUIPMENT—NAMELY, AIR CIRCULATING, HEATING, AND COOLING EQUIPMENT, AND MORE PARTICULARLY EQUIPMENT BY WHICH THE AIR IS CIRCULATED BY POWER DRIVEN MEANS AND IS HEATED OR COOLED BY REVERSIBLE CYCLE REFRIGERATION SYSTEMS. DRAYER-HANSON INCORPORATED, Los Angeles, Calif.

Filed August 12, 1947. Serial No. 508,985. PUBLISHED JUNE 8, 1948. Class 34.

502,053. ELECTRIC CONNECTORS, ELECTRIC CONDUCTORS, AND ELECTRIC RAIL BONDS. THE OHIO BRASS COMPANY, Mansfield, Ohio.

Filed September 27, 1947. Serial No. 511,412. PUBLISHED JUNE 1, 1948. Class 21.

502,054. FRESH CARROTS. C. A. CHURCH, doing business as Rio Grande Produce Co., assignee of Zeitman Produce Co., Inc., Salinas, Calif., and Los Lunas, N. Mex.

Filed October 6, 1947. Serial No. 511,658. PUBLISHED JUNE 8, 1948. Class 46.

502,055. PIANOS. M. STEINERT & SONS CO., INC., Boston, Mass.

Filed October 8, 1947. Serial No. 512,540. PUBLISHED JUNE 15, 1948. Class 36.

502,056. STORAGE BATTERIES. VITALIC BATTERY COMPANY, INC., Dallas, Tex.

Filed July 5, 1947. Serial No. 513,078. PUBLISHED JUNE 1, 1948. Class 21.

502,057. CIGARS. TAMPA-HAVANA COMPANY, Tampa, Fla.

Filed September 16, 1947. Serial No. 513,277. PUBLISHED JUNE 22, 1948. Class 17.

502,058. VITAMIN PREPARATION IN CAPSULE FORM. A. H. ROBINS COMPANY, Richmond, Va.

Filed September 18, 1947. Serial No. 513,771. PUBLISHED JUNE 15, 1948. Class 6.

502,059. ELECTRICAL APPARATUS—NAMELY, ELECTRIC TRANSFORMERS, ELECTRIC WELDERS, ELECTRIC MOTORS, ELECTRIC SWITCHBOARDS, AND ELECTRIC GENERATORS. GREGORY ELECTRIC COMPANY, Chicago, Ill.

Filed August 30, 1947. Serial No. 515,873. PUBLISHED JUNE 15, 1948. Class 21.

502,060. SPIRALLY LAMINATED PAPER TUBING IMPREGNATED WITH A THERMOSETTING PLASTIC, ETC. THE CLEVELAND CONTAINER COMPANY, Cleveland, Ohio.

Filed August 29, 1947. Serial No. 516,348. PUBLISHED JUNE 8, 1948. Class 21.

502,061. SPECIALLY PREPARED OATMEAL PRODUCT, PRECOOKED AND DRIED, CONTAINING THIAMINE, RIBOFLAVIN, AND ESSENTIAL MINERALS. MEAD JOHNSON & COMPANY, Evansville, Ind.

Filed July 5, 1947. Serial No. 516,930. PUBLISHED JUNE 8, 1948. Class 6.

502,062. SPECIALLY PREPARED MIXED CEREAL PRODUCT, PRECOOKED AND DRIED, CONTAINING THIAMINE, RIBOFLAVIN, AND ESSENTIAL MINERALS. MEAD JOHNSON & COMPANY, Evansville, Ind.

Filed July 5, 1947. Serial No. 516,931. PUBLISHED JUNE 8, 1948. Class 6.

502,063. CIGARS. FREDERICK D. GRAVE, doing business as F. D. Grave & Son, New Haven, Conn.

Filed September 5, 1947. Serial No. 517,481. PUBLISHED JUNE 22, 1948. Class 17.

502,064. INSECTICIDES. FURST-MCNESS COMPANY, Freeport, Ill.

Filed September 26, 1947. Serial No. 523,182. PUBLISHED JUNE 15, 1948. Class 6.

502,065. METALLIC GARBAGE CANS, AND WALL-MOUNTED BOXES FOR DISPENSING ROLLED PAPER. WESTERN METALWARE, INC., Columbus, Ohio.

Filed August 30, 1947. Serial No. 526,314. PUBLISHED JUNE 22, 1948. Class 2.

502,066. FIRE EXTINGUISHING COMPOUNDS, THE PACKAGING OF WHICH IS IMMATERIAL. THERMET FIRE EXTINGUISHERS, INC., Reno, Nev.

Filed July 5, 1947. Serial No. 526,556. PUBLISHED JUNE 8, 1948. Class 6.

502,067. STARCHES AND STARCH DERIVATIVES, ETC. NATIONAL STARCH PRODUCTS INC., New York, N. Y.

Filed July 5, 1947. Serial No. 526,588. PUBLISHED JUNE 8, 1948. Class 6.

502,068. REELS ON WHICH ARE WOUND CABLES FOR CARRYING ELECTRIC CURRENT TO ANY DESIRED TRANSLATING DEVICES, SUCH AS TOOLS, MOTORS AND LAMPS, AND ON WHICH CABLES ARE WOUND BY HAND, AUTOMATICALLY, OR AUTOMATICALLY UNDER MANUAL CONTROL. APPLETON ELECTRIC COMPANY, Chicago, Ill.

Filed July 5, 1947. Serial No. 526,659. PUBLISHED JUNE 1, 1948. Class 21.

502,069. SAL SODA, AND BICARBONATE OF SODA (BAKING SODA). CHURCH & DWIGHT CO., INC., New York, N. Y.

Filed July 5, 1947. Serial No. 526,746. PUBLISHED JUNE 15, 1948. Class 6.

502,070. SAL SODA, WASHING SODA, AND BICARBONATE OF SODA (BAKING SODA). CHURCH & DWIGHT CO., INC., New York, N. Y.

Filed July 5, 1947. Serial No. 526,790. PUBLISHED JUNE 8, 1948. Class 6.

502,071. CHEMICAL COMPOUNDS FOR: DISINFECTANT, BACTERICIDE AND DEODORIZER IN SOLID FORM, ETC. THE DIVERSEY CORPORATION, Chicago, Ill.

Filed July 5, 1947. Serial No. 527,295. PUBLISHED JUNE 15, 1948. Class 6.

502,072. ELECTRIC STEAMING IRONS. OMAR APPLIANCE MANUFACTURING COMPANY, St. Louis, Mo.

Filed July 5, 1947. Serial No. 527,359. PUBLISHED JUNE 22, 1948. Class 21.

502,073. ELECTRIC WIRES, CABLES AND CORDS. LENZ ELECTRIC MANUFACTURING CO., Chicago, Ill.

Filed July 5, 1947. Serial No. 527,604. PUBLISHED JUNE 1, 1948. Class 21.

502,074. GUMMED PAPER. CROWN ZELLERBACH CORPORATION, also doing business as Western Waxed Paper Co., San Francisco, Calif.

Filed July 5, 1947. Serial No. 527,717. PUBLISHED JUNE 8, 1948. Class 5.

502,075. MEN'S AND BOYS' SWIMMING TRUNKS; BOOTS; MEN'S AND WOMEN'S SHOES; MEN'S AND BOYS' UNDERWEAR; COVERALLS, ETC. TALON, INC., Meadville, Pa.

Filed July 5, 1947. Serial No. 527,934. PUBLISHED MAY 25, 1948. Class 39.

502,076. MEDICINAL PREPARATIONS — NAMELY, CHILL TONIC, LIVER POWDER, COUGH SYRUP, ANALGESIC BALM, VAGINAL AND PILE SUPPOSITORIES, ETC. S. PFEIFFER MFG. CO., St. Louis, Mo.

Filed July 9, 1947. Serial No. 528,226. PUBLISHED JUNE 8, 1948. Class 6.

502,077. METAL CANS, AND MORE PARTICULARLY METAL CANS FOR TRANSPORTING, DISPENSING, OR TRANSPORTING AND DISPENSING LIQUIDS. GENERAL METALWARE COMPANY, Minneapolis, Minn.

Filed July 17, 1947. Serial No. 528,782. PUBLISHED JUNE 22, 1948. Class 2.

502,078. SILVER-PLATED FLAT-WARE AND HOLLOW-WARE. THE INTERNATIONAL SILVER COMPANY, Meriden, Conn.

Filed July 18, 1947. Serial No. 528,867. PUBLISHED JUNE 8, 1948. Class 28.

502,079. MEN'S, WOMEN'S AND CHILDREN'S SPORTS HEADWEAR — NAMELY, HATS AND CAPS; AND EARMUFFS. DERBY CAP MANUFACTURING CO., Louisville, Ky.

Filed July 23, 1947. Serial No. 529,236. PUBLISHED MAY 25, 1948. Class 39.

502,080. LUBRICATING OIL. FISKE BROTHERS REFINING CO., Newark, N. J.

Filed July 24, 1947. Serial No. 529,372. PUBLISHED JUNE 22, 1948. Class 15.

502,081. WOMEN'S, MISSES', AND GIRLS' WEARING APPAREL—NAMELY, WOOL SUITS, KNIT SUITS, CAMPING AND BATHING SUITS, DRESS, SPORT, LEATHER, AND RAIN COATS, EVENING WRAPS, ETC. STIX, BAER & FULLER CO., St. Louis, Mo.

Filed July 25, 1947. Serial No. 529,500. PUBLISHED MAY 25, 1948. Class 39.

502,082. FABRICS IN THE PIECE MADE OF COTTON, SILK OR RAYON, WINDOW CURTAINS, DRAPERIES, AND BEDSPREADS. CHARLES BLOOM, INC., New York, N. Y.

Filed July 29, 1947. Serial No. 529,868. PUBLISHED JUNE 8, 1948. Class 42.

502,083. PAPER BAGS, SPECIFICALLY SANDWICH BAGS. ROBERT O. WELLS, doing business as Cascade Paper Company, North Adams, Mass.

Filed July 29, 1947. Serial No. 529,942. PUBLISHED JUNE 22, 1948. Class 2.

502,084. MEN'S AND BOYS' SUSPENDERS. KNOTHE BROTHERS CO. INC., New York, N. Y.

Filed July 30, 1947. Serial No. 530,008. PUBLISHED JUNE 8, 1948. Class 39.

502,085. LADIES', MISSES', AND CHILDREN'S HATS. FRUHAUF & MUSYL, New York, N Y.

Filed July 31, 1947. Serial No. 530,076. PUBLISHED MAY 25, 1948. Class 39.

502,086. AUTOMATIC STOKERS AND PARTS THEREOF, OIL BURNERS, SPACE HEATERS AND VENTILATING FANS. U. S. MACHINE CORPORATION, Lebanon, Ind.

Filed August 5, 1947. Serial No. 530,598. PUBLISHED MAY 4, 1948. Class 34.

502,087. VITAMIN PREPARATIONS FOR INCORPORATION IN ANIMAL AND POULTRY FEEDS. WORLD PRODUCTS CORP., New York, N. Y.

Filed August 6, 1947. Serial No. 530,697. PUBLISHED JUNE 8, 1948. Class 6.

502,088. MEDICINAL PREPARATION OF THEOPHYLLINE MONOETHANOLAMINE USED IN THE TREATMENT OF CARDIAC CONDITIONS. ELI LILLY AND COMPANY, Indianapolis, Ind.

Filed August 7, 1947. Serial No. 530,740. PUBLISHED JUNE 15, 1948. Class 6.

502,089. CHILDREN'S CLOTHING—NAMELY, ONE, TWO, AND THREE PIECE SUITS, DRESSES, ROMPERS, OUTER SHORTS, BLOUSES, AND PAJAMAS. STANDARD ROMPER CO., INC., New York, N. Y.

Filed August 7, 1947. Serial No. 530,781. PUBLISHED MAY 25, 1948. Class 39.

502,090. CHILDREN'S PLAYSUITS, SUN SUITS, PANTS, SHIRTS, BLOUSES, MIDDIES, OVERALLS, RIDING BREECHES, JODHPURS, JACKETS, DRESSES, SLACKS, SUITS, OUTER SHORTS, AND WESTERN PANTS. TEX-SON CO., San Antonio, Tex.

Filed August 7, 1947. Serial No. 530,787. PUBLISHED MAY 25, 1948. Class 39.

502,091. MEN'S AND BOYS' HATS AND CAPS. IVAN ALPORT, New York, N. Y.
Filed August 8, 1947. Serial No. 530,795. PUBLISHED JUNE 8, 1948. Class 39.

502,092. LEATHER PACKINGS MOLDED TO DIFFERENT SHAPES AND IN THE FLAT—NAMELY, CUPS, U AND FLANGE PACKINGS, VALVE-LEATHERS, WASHERS, GASKETS AND DIAPHRAGMS. CHAS. A. SCHIEREN COMPANY, New York, N. Y.
Filed August 8, 1947. Serial No. 530,853. PUBLISHED JUNE 8, 1948. Class 35.

502,093. MEN'S AND YOUNG MEN'S SUMMER SUITS, COATS, AND PANTS. MARX & HAAS-KORREKT COMPANY, St. Louis, Mo.
Filed August 9, 1947. Serial No. 530,946. PUBLISHED MAY 18, 1948. Class 39.

502,094. SMOKERS' ARTICLES MADE OF LEATHER AND NON-PRECIOUS METALS—NAMELY, HUMIDORS, CIGARETTE CASES, CIGARETTE HOLDERS, ASH TRAYS, CIGARETTE BOXES AND CIGARETTE RESTS; AND TOBACCO POUCHES, PIPES, AND PIPE CLEANERS. BROOKS BROTHERS, New York, N. Y.
Filed August 14, 1947. Serial No. 531,306. PUBLISHED JUNE 22, 1948. Class 8.

502,095. CONVEYOR BELTING. THERMOID COMPANY, Trenton, N. J.
Filed August 15, 1947. Serial No. 531,541. PUBLISHED JUNE 8, 1948. Class 35.

502,096. NECKTIES. BARTON NECKWEAR COMPANY, Philadelphia, Pa., assignor to Louis Abrams and Samuel Connig, Philadelphia, Pa., trading as Barton Neckwear Company.
Filed August 20, 1947. Serial No. 531,882. PUBLISHED JUNE 8, 1948. Class 39.

502,097. ZIPPER-CLOSED RECEPTACLE OR CASE ESPECIALLY FOR CONTAINING GLASSES AND PARTICULARLY THOSE WITH PLASTIC FRAMES. OPTICAL DEVELOPMENT CORPORATION, Chicago, Ill.
Filed August 20, 1947. Serial No. 531,939. PUBLISHED JUNE 22, 1948. Class 2.

502,098. RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR. THE MAGNAVOX COMPANY, Fort Wayne, Ind.
Filed August 21, 1947. Serial No. 532,039. PUBLISHED JUNE 22, 1948. Class 21.

502,099. GERMICIDE AND ANTISEPTIC. AMERICAN CYSTOSCOPE MAKERS, INC., New York, N. Y.
Filed August 22, 1947. Serial No. 532,091. PUBLISHED JUNE 8, 1948. Class 6.

502,100. PREPARATION USED (1) IN THE TREATMENT OF DEEP INFECTED WOUNDS IN THE FIELD OF SURGERY, ETC. AMERICAN CYSTOSCOPE MAKERS, INC., New York, N. Y.
Filed August 22, 1947. Serial No. 532,092. PUBLISHED JUNE 8, 1948. Class 6.

502,101. HEPATIC EXTRACT CONTAINING THE HYPOTENSIVE LIVER PRINCIPLE (DEPRESSOR FRACTION) INDICATED IN THE TREATMENT OF HEPATIC INSUFFICIENCY. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed August 26, 1947. Serial No. 532,451. PUBLISHED JUNE 8, 1948. Class 6.

502,102. LADIES' AND GIRLS' GARMENTS—NAMELY, SUITS (SKIRT AND COAT), SLACK SUITS, SKIRTS, SLACKS, AND PLAY SUITS. GERSON & KAPLAN GARMENT MANUFACTURERS, INC., Houston, Tex.
Filed August 27, 1947. Serial No. 532,585. PUBLISHED JUNE 1, 1948. Class 39.

502,103. TIRES, TUBES, AND REPAIR MATERIALS—NAMELY, CAMELBACK AND RUBBER REPAIR PATCHES. THE KELLY-SPRINGFIELD TIRE COMPANY, Cumberland, Md.
Filed August 27, 1947. Serial No. 532,610. PUBLISHED JUNE 8, 1948. Class 35.

502,104. CIGARETTE CASES MADE OF MATERIALS OTHER THAN PRECIOUS OR SEMI-PRECIOUS METALS. ARISTOCRAT LEATHER PRODUCTS, INC., New York, N. Y.
Filed August 29, 1947. Serial No. 532,790. PUBLISHED JUNE 15, 1948. Class 8.

502,105. JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES)—NAMELY, ALL TYPES OF BRACELETS, MADE IN WHOLE OF OR IN PART OF PRECIOUS METALS. MARVEL JEWELRY MFG. COMPANY, Providence, R. I.
Filed September 3, 1947. Serial No. 533,186. PUBLISHED JUNE 8, 1948. Class 28.

502,106. OIL BASE PLASTIC PAINT FOR PRODUCING TEXTURED FINISHES ON WALLS. PHELAN-FAUST PAINT MFG. CO., St. Louis, Mo.
Filed September 4, 1947. Serial No. 533,364. PUBLISHED MAY 25, 1948. Class 16.

502,107. FLAX PACKING MATERIAL. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,383. PUBLISHED JUNE 8, 1948. Class 35.

502,108. FLAX PACKING MATERIAL. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,384. PUBLISHED JUNE 8, 1948. Class 35.

502,109. BRAKE LININGS, CLUTCH FACINGS, BELTING MADE PARTLY OF FABRIC AND PARTLY OF RUBBER, RUBBER HOSE, AND MACHINERY PACKING MADE OF RUBBER. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,387. PUBLISHED JUNE 8, 1948. Class 35.

502,110. BELTING, HOSE AND PACKING MATERIAL COMPOSED OF RUBBER OR RUBBER AND FABRIC. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,389. PUBLISHED JUNE 8, 1948. Class 35.

502,111. PNEUMATIC TIRES; INNER TUBES; REPAIR KITS FOR TIRES, TUBES, AND RUBBER FOOTWEAR; TIRE PATCHES; TIRE FLAPS; AIR HOSE; GARDEN HOSE; HOSE GASKETS; AND RUBBER TUBING. LEE RUBBER AND TIRE CORPORATION, Conshohocken, Pa.
Filed September 5, 1947. Serial No. 533,589. PUBLISHED JUNE 8, 1948. Class 35.

502,112. RUBBER TIRES OF ALL KINDS—NAMELY, PNEUMATIC TIRES, INNER TUBES, VALVE PATCHES, INNER CASES, RUBBER PATCHES, RUBBER TUBING, RUBBER HOSE, AND RUBBER BELTING. LEE RUBBER AND TIRE CORPORATION, Conshohocken, Pa.
Filed September 5, 1947. Serial No. 533,590. PUBLISHED JUNE 8, 1948. Class 35.

502,113. WATER HEATERS, INCLUDING GRATE TYPE FOR COAL OR WOOD FIRING AND OIL-FIRED TYPE BOILERS. RUDY FURNACE COMPANY, Dowagiac, Mich.
Filed September 5, 1947. Serial No. 533,620. PUBLISHED MAY 11, 1948. Class 34.

502,114. ILLUMINATED ELECTRIC SIGNS. TRENBATH CORPORATION, New York, N. Y.
Filed September 5, 1947. Serial No. 533,646. PUBLISHED JUNE 1, 1948. Class 21.

502,115. HATS, BERETS, CAPS, AND BONNETS. LISETTE TASSANO, San Francisco, Calif.
Filed September 8, 1947. Serial No. 533,793. PUBLISHED MAY 25, 1948. Class 39.

502,116. TEXTILE FABRICS IN THE PIECE OF COTTON, RAYON, WOOL, AND COMBINATIONS THEREOF. SHIRLEY FABRICS CORP., New York, N. Y.
Filed September 9, 1947. Serial No. 533,932. PUBLISHED JUNE 8, 1948. Class 42.

502,117. RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR. THE MAGNAVOX COMPANY, Fort Wayne, Ind.
Filed September 8, 1947. Serial No. 533,968. PUBLISHED JUNE 22, 1948. Class 21.

502,118. TOY CARPET SWEEPERS, TOY HOUSE CLEANING SETS AND THEIR CONTENTS CONSISTING OF FLOOR MOPS, CORN BROOMS, CARPET SWEEPERS, DUST PANS, DUSTERS, DOLL HOUSES, AND TEA WASHING SETS AND DISHES. PAUL A. JONES, doing business as Kiddie Brush & Toy Company, Jonesville, Mich.
Filed September 10, 1947. Serial No. 534,022. PUBLISHED MAY 18, 1948. Class 22.

502,119. COTTON BELTING COMBINED WITH RUBBER (NATURAL OR SYNTHETIC) OR PLASTICS. VICTOR BALATA & TEXTILE BELTING CO., New York, N. Y.
Filed September 12, 1947. Serial No. 534,232. PUBLISHED JUNE 8, 1948. Class 35.

502,120. SOLID WOVEN COTTON BELT. VICTOR BALATA & TEXTILE BELTING CO., New York, N. Y.
Filed September 12, 1947. Serial No. 534,233. PUBLISHED JUNE 8, 1948. Class 35.

502,121. ELECTRIC INSULATORS. ILLINOIS ELECTRIC PORCELAIN COMPANY, Macomb, Ill.
Filed September 13, 1947. Serial No. 534,442. PUBLISHED JUNE 15, 1948. Class 21.

502,122. DISH TOWELS AND TOWELING IN THE PIECE. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed September 13, 1947. Serial No. 534,455. PUBLISHED JUNE 8, 1948. Class 42.

502,123. DISH TOWELS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed September 13, 1947. Serial No. 534,456. PUBLISHED JUNE 8, 1948. Class 42.

502,124. CATHODE RAY TUBES. WATERMAN PRODUCTS COMPANY, INCORPORATED, Philadelphia, Pa.
Filed September 17, 1947. Serial No. 534,844. PUBLISHED JUNE 22, 1948. Class 21.

502,125. FURNACES FOR HEATING SALT BATHS AND PARTS THEREOF AND EQUIPMENT THEREFOR. THE A. F. HOLDEN COMPANY, West Haven, Conn.
Filed September 20, 1947. Serial No. 535,153. PUBLISHED MAY 18, 1948. Class 34.

502,126. DERMATO-THERAPEUTIC MEDICATION. DOAK COMPANY, INCORPORATED, Cleveland, Ohio.
Filed September 22, 1947. Serial No. 535,228. PUBLISHED JUNE 8, 1948. Class 6.

502,127. MIXTURE OF CHEMICALS USED AS AN ADDITIVE IN CONDITIONING OR CONTROLLING THE CHEMICAL AND PHYSICAL PROPERTIES OF OIL FIELD DRILLING MUD. DIXIE CHEMICAL COMPANY, Houston, Tex.
Filed September 23, 1947. Serial No. 535,307. PUBLISHED JUNE 15, 1948. Class 6.

502,128. TEXTILE FABRICS IN THE PIECE, OF COTTON, RAYON, PROTEIN FIBRES AND MIXTURES THEREOF. D. B. FULLER & CO., INC., New York, N. Y.
Filed September 23, 1947. Serial No. 535,315. PUBLISHED JUNE 1, 1948. Class 42.

502,129. COTTON DUCK FOR TENTS AND TARPAULINS. WILLIAM L. BARRELL COMPANY, New York, N. Y.
Filed September 24, 1947. Serial No. 535,458. PUBLISHED JUNE 8, 1948. Class 42.

502,130. COTTON PIECE GOODS, COTTON DUCK AWNING IN THE PIECE, AND COTTON DUCK IN THE PIECE. WILLIAM L. BARRELL COMPANY, New York, N. Y.
Filed September 24, 1947. Serial No. 535,459. PUBLISHED JUNE 8, 1948. Class 42.

502,131. PREPARED OR READY-MIXED BRONZE AND PAINT ENAMELS. J. F. KURFEES PAINT COMPANY, Louisville, Ky.
Filed September 24, 1947. Serial No. 535,556. PUBLISHED MAY 25, 1948. Class 16.

502,132. PREPARED OR READY-MIXED LIQUID PAINTS. J. F. KURFEES PAINT COMPANY, Louisville, Ky.
Filed September 24, 1947. Serial No. 535,557. PUBLISHED MAY 25, 1948. Class 16.

502,133. PREPARED OR READY-MIXED LIQUID PAINT PRIMERS. J. F. KURFEES PAINT COMPANY, Louisville, Ky.
Filed September 24, 1947. Serial No. 535,569. PUBLISHED MAY 25, 1948. Class 16.

502,134. PREPARED OR READY-MIXED LIQUID PAINTS. J. F. KURFEES PAINT COMPANY, Louisville, Ky.
Filed September 24, 1947. Serial No. 535,570. PUBLISHED MAY 25, 1948. Class 16.

502,135. RADIO RECEIVING SETS. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa.
Filed September 24, 1947. Serial No. 535,648. PUBLISHED JUNE 22, 1948. Class 21.

502,136. SHEET PACKING AND GASKETS PRODUCED FROM FIBROUS MATERIAL AND RUBBER. STEWART R. BROWNE MFG. CO. INC., New York, N. Y.
Filed September 27, 1947. Serial No. 535,932. PUBLISHED JUNE 8, 1948. Class 35.

502,137. VENTILATORS FOR STEEL WINDOW SASH; VENTILATORS FOR GLASS BLOCK WALLS; AND VENTILATORS FOR MASONRY WALLS. HOUGH SHADE CORPORATION, Janesville, Wis.
Filed September 27, 1947. Serial No. 535,964. PUBLISHED MAY 25, 1948. Class 34.

502,138. WARM AIR HEATING FURNACES. KO-Z-AIRE MANUFACTURING COMPANY, Red Oak, Iowa, assignor to Ko-Z-Aire, Inc., South Bend, Ind., a corporation of Indiana.
Filed September 27, 1947. Serial No. 535,969. PUBLISHED MAY 25, 1948. Class 34.

502,139. GAS RANGES AND PARTS THEREFOR. THE MAYTAG COMPANY, Newton, Iowa.
Filed September 27, 1947. Serial No. 535,978. PUBLISHED MAY 25, 1948. Class 34.

502,140. HAT BODIES AND HOODS FOR WOMEN'S, MISSES' AND GIRLS' HATS. FELTS, INC., New York, N. Y.
Filed September 29, 1947. Serial No. 536,071. PUBLISHED FEBRUARY 17, 1948. Class 39.

502,141. PREFABRICATED SASH AND WINDOW UNITS. LESSUD ENGINEERING COMPANY, Clayton, Ga.
Filed September 29, 1947. Serial No. 536,101. PUBLISHED JUNE 8, 1948. Class 12.

502,142. PIECE GOODS OF RAYON, COTTON, WOOL, SILK, LINEN, AND COMBINATIONS THEREOF. HARRY BALL & SON, New York, N. Y.
Filed September 30, 1947. Serial No. 536,219. PUBLISHED JUNE 8, 1948. Class 42.

502,143. LADIES' SUITS, JACKETS, COATS, SKI SUITS, PLAYSUITS, SLACKS, OVERALLS, SHORTS AND BATHING SUITS. DUCHESS ROYAL, INC., New York, N. Y.
Filed September 30, 1947, Serial No. 536,243. PUBLISHED JUNE 8, 1948. Class 39.

502,144. ELECTRIC LIGHTING FIXTURES. EARL LIGHTING PRODUCTS CORP., Philadelphia, Pa.
Filed September 30, 1947, Serial No. 536,245. PUBLISHED JUNE 22, 1948. Class 21.

502,145. HOT WATER HEATERS. PENNSYLVANIA RANGE BOILER COMPANY, Philadelphia, Pa.
Filed September 30, 1947. Serial No. 536,279. PUBLISHED MAY 25, 1948. Class 34.

502,146. TIRES. MAYFAIR TIRE COMPANY, Chicago, Ill.
Filed October 1, 1947. Serial No. 536,408. PUBLISHED JUNE 8, 1948. Class 35.

502,147. CHILDREN'S DRESSES. ROSENAU BROTHERS, INC., Philadelphia, Pa.
Filed October 1, 1947. Serial No. 536,449. PUBLISHED JUNE 8, 1948. Class 39.

502,148. SMOKING TOBACCO AND CIGARETTES. MOSS & LOWENHAUPT CIGAR CO., St. Louis, Mo.
Filed October 3, 1947. Serial No. 536,742. PUBLISHED JUNE 22, 1948. Class 17.

502,149. CHILDREN'S DRESSES. ROSENAU BROTHERS, INC., Philadelphia, Pa.
Filed October 4, 1947. Serial No. 536,839. PUBLISHED MAY 25, 1948. Class 39.

502,150. PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, AND FACE CREAMS, BODY POWDER, FACE POWDER. SALOMON FRERES, SOCIETE A RESPONSABILITE LIMITEE, Pantin, France.
Filed October 6, 1947. Serial No. 536,889. PUBLISHED JUNE 8, 1948. Class 6.

502,151. CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed October 6, 1947. Serial No. 536,913. PUBLISHED JUNE 15, 1948. Class 17.

502,152. CIGARS. P. LORILLARD COMPANY, New York, N. Y.
Filed October 6, 1947. Serial No. 536,923. PUBLISHED JUNE 22, 1948. Class 17.

502,153. CIGARETTES. P. LORILLARD COMPANY, New York, N. Y.
Filed October 6, 1947. Serial No. 536,928. PUBLISHED JUNE 22, 1948. Class 17.

502,154. BOILER-BURNER HEATING UNITS. THE HEIL CO., Milwaukee, Wis.
Filed October 9, 1947. Serial No. 537,313. PUBLISHED MAY 25, 1948. Class 34.

502,155. FURNACES, PARTS AND SUPPLIES THEREFOR, FOR INCINERATION, ROASTING, CALCINING, DRYING, BARK BURNING AND SAND RECLAMATION PURPOSES, AND COOLERS FOR USE IN CONNECTION THEREWITH. NICHOLS ENGINEERING & RESEARCH CORPORATION, New York, N. Y.
Filed October 9, 1947. Serial No. 537,346. PUBLISHED MAY 25, 1948. Class 34.

502,156. ZINC OXIDE GROUND IN LINSEED OR SIMILAR DRYING OILS. M. J. MERKIN PAINT CO., INC., New York, N. Y.
Filed October 14, 1947. Serial No. 537,808. PUBLISHED JUNE 1, 1948. Class 16.

502,157. DEODORANT AND GERMICIDE FOR GENERAL USES. BOYLE-MIDWAY INC., Jersey City, N. J.
Filed October 16, 1947. Serial No. 537,972. PUBLISHED JUNE 8, 1948. Class 6.

502,158. FUR GARMENTS—NAMELY, COATS, JACKETS, SCARVES, STOLES, AND CAPES. MAXIMILIAN FURS, INC., New York, N. Y.
Filed October 16, 1947. Serial No. 538,021. PUBLISHED MAY 25, 1948. Class 39.

502,159. OIL BURNERS AND PARTS THEREOF. AUTOMATIC BURNER CORPORATION, Chicago, Ill.
Filed October 17, 1947. Serial No. 538,085. PUBLISHED JUNE 8, 1948. Class 34.

502,160. WOMEN'S COATS. LEVY BROS. & ADLER ROCHESTER, INC., Rochester, N. Y.
Filed October 17, 1947. Serial No. 538,150. PUBLISHED MAY 25, 1948. Class 39.

502,161. LADIES' COATS AND SUITS MADE OF WOOL, MOHAIR, AND LLAMA. ANITRA, INC., New York, N. Y.
Filed October 18, 1947. Serial No. 538,226. PUBLISHED MAY 25, 1948. Class 39.

502,162. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed October 21, 1947. Serial No. 538,523. PUBLISHED JUNE 8, 1948. Class 42.

502,163. FLAMEPROOFING COMPOUNDS. THE ELLICOTT LABORATORIES, INC., Lawrenceville, N. J.
Filed October 22, 1947. Serial No. 538,622. PUBLISHED JUNE 15, 1948. Class 6.

502,164. COTTON AND RAYON PIECE GOODS. U. S. BRENNER CORP., New York, N. Y.
Filed October 22, 1947. Serial No. 538,677. PUBLISHED JUNE 8, 1948. Class 42.

502,165. DRY BATTERIES. BURGESS BATTERY COMPANY, Freeport, Ill.
Filed July 5, 1947. Serial No. 539,590. PUBLISHED JUNE 22, 1948. Class 21.

502,166. SMOKING TOBACCO. PENN TOBACCO COMPANY, Wilkes-Barre, Pa.
Filed October 31, 1947. Serial No. 539,745. PUBLISHED JUNE 8, 1948. Class 17.

502,167. SMOKING AND CHEWING TOBACCO. PENN TOBACCO COMPANY, Wilkes-Barre, Pa.
Filed October 31, 1947. Serial No. 539,749. PUBLISHED JUNE 15, 1948. Class 17.

502,168. SMOKING AND CHEWING TOBACCO. PENN TOBACCO COMPANY, Wilkes-Barre, Pa.
Filed October 31, 1947. Serial No. 539,750. PUBLISHED JUNE 15, 1948. Class 17.

502,169. SMOKING AND CHEWING TOBACCO. PENN TOBACCO COMPANY, Wilkes-Barre, Pa.
Filed October 31, 1947. Serial No. 539,753. PUBLISHED JUNE 15, 1948. Class 17.

502,170. ELECTROLYTIC CONDENSERS. AEROVOX CORPORATION, New Bedford, Mass.
Filed November 6, 1947. Serial No. 540,233. PUBLISHED JUNE 8, 1948. Class 21.

502,171. RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR. THE MAGNAVOX COMPANY, Fort Wayne, Ind.
Filed November 8, 1947. Serial No. 540,546. PUBLISHED JUNE 15, 1948. Class 21.

502,172. ELECTRIC HORNS. E. A. LABORATORIES, INC., Brooklyn, N. Y.
Filed November 14, 1947. Serial No. 541,114. PUBLISHED JUNE 15, 1948. Class 21.

502,173. CLUTCH FACINGS. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed July 29, 1947. Serial No. 541,782. PUBLISHED JUNE 8, 1948. Class 35.

502,174. PERFUMES, EAU DE COLOGNE, TOILET WATER, ETC. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J.
Filed December 6, 1947. Serial No. 543,613. PUBLISHED JUNE 8, 1948. Class 6.

502,175. ANTISPASMODIC CONTAINING N-TRIBUTYL-ETHYL NICOTINAMIDE. SCHERING CORPORATION, Bloomfield, N. J.
Filed December 9, 1947. Serial No. 543,838. PUBLISHED JUNE 8, 1948. Class 6.

502,176. DEPILATORY. CONSOLIDATED ROYAL CHEMICAL CORPORATION, Chicago, Ill.
Filed December 10, 1947. Serial No. 543,889. PUBLISHED JUNE 8, 1948. Class 6.

502,177. OINTMENT FOR MINOR CUTS, SCRATCHES, ABRASIONS, MINOR BURNS, SCALDS, SUNBURN, AND WINDBURN; INSECT BITES AND FEVER BLISTERS; CHAFES, CHAPS, AND CRACKED HANDS. CONSOLIDATED ROYAL CHEMICAL CORPORATION, Chicago, Ill.
Filed December 10, 1947. Serial No. 543,892. PUBLISHED JUNE 8, 1948. Class 6.

502,178. TONIC MEDICINES. CONSOLIDATED ROYAL CHEMICAL CORPORATION, Chicago, Ill.
Filed December 10, 1947. Serial No. 543,894. PUBLISHED JUNE 8, 1948. Class 6.

502,179. INSECTICIDES. HARRY SHAPIRO, doing business as Chemical Specialties Company, New York, N. Y.
Filed December 16, 1947. Serial No. 544,469. PUBLISHED JUNE 8, 1948. Class 6.

502,180. COSMETICS AND TOILET PREPARATIONS—NAMELY, HAND AND FACE LOTIONS, SHAMPOO, BRILLIANTINE, HAIR TONIC, HAIR DRESSING, ETC. SUPERIOR PRODUCTS COMPANY, Dallas, Tex.
Filed December 19, 1947. Serial No. 544,928. PUBLISHED JUNE 8, 1948. Class 6.

502,181. CHEMICAL COMPOUNDS, SPECIFICALLY METALLIC SOAPS AND SOLUTIONS OF METALLIC SOAPS IN ORGANIC SOLVENTS USEFUL AS SICCATIVES IN THE FORMULATION OF PAINTS AND PRINTING INKS AND IN THE MANUFACTURE OF FLOOR COVERINGS OF THE LINOLEUM TYPE. THE HARSHAW CHEMICAL COMPANY, Cleveland, Ohio.
Filed December 22, 1947. Serial No. 545,128. PUBLISHED JUNE 8, 1948. Class 6.

502,182. DRY TANNING EXTRACT. THE BARBOUR COMPANY, INC., St. Louis, Mo.
Filed December 22, 1947. Serial No. 545,209. PUBLISHED JUNE 8, 1948. Class 6.

502,183. LIQUID FLUID FOR FILLING CIGAR AND CIGARETTE LIGHTERS. BELL CHEMICAL CO., Chicago, Ill.
Filed December 24, 1947. Serial No. 545,330. PUBLISHED JUNE 8, 1948. Class 6.

502,184. LAXATIVE AND CATHARTIC PILLS. CONSOLIDATED ROYAL CHEMICAL CORPORATION, Chicago, Ill.
Filed December 24, 1947. Serial No. 545,347. PUBLISHED JUNE 8, 1948. Class 6.

502,185. LINIMENT TO BE APPLIED EXTERNALLY FOR HEADACHES, COLDS, COUGHS, ASTHMA, RHEUMATISM, SPRAINS AND LUMBAGO. CONSOLIDATED ROYAL CHEMICAL CORPORATION, Chicago, Ill.
Filed December 24, 1947. Serial No. 545,348. PUBLISHED JUNE 8, 1948. Class 6.

502,186. MEDICINAL PREPARATION FOR THE TREATMENT OF NUTRITIONAL DEFICIENCIES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed December 26, 1947. Serial No. 545,565. PUBLISHED JUNE 8, 1948. Class 6.

502,187. VENEREAL PROPHYLACTIC PREPARATIONS. GEORGE-THOMAS PHARMACAL CO., Chicago, Ill.
Filed December 30, 1947. Serial No. 545,791. PUBLISHED JUNE 8, 1948. Class 6.

502,188. BLUING. JEWETT & SHERMAN CO., doing business as Holsum Products, Milwaukee, Wis.
Filed Jan. 2, 1948. Serial No. 545,992. PUBLISHED JUNE 8, 1948. Class 6.

502,189. CALCIUM CARBIDE. NATIONAL CARBIDE CORPORATION, New York, N. Y.
Filed January 3, 1948. Serial No. 546,117. PUBLISHED JUNE 22, 1948. Class 6.

502,190. LITHIUM SALT TO BE ADDED TO COSMETICS. FOOTE MINERAL COMPANY, Philadelphia, Pa.
Filed January 5, 1948. Serial No. 546,211. PUBLISHED JUNE 15, 1948. Class 6.

502,191. LIPSTICKS. BOURJOIS, INC., New York, N. Y.
Filed January 7, 1948. Serial No. 546,350. PUBLISHED JUNE 15, 1948. Class 6.

502,192. TEXTILE DYESTUFFS. LOUIS L. KEENE, doing business as Organic Chemical & Dye Co., New York, N. Y.
Filed January 10, 1948. Serial No. 546,708. PUBLISHED JUNE 15, 1948. Class 6.

502,193. MINERAL OIL PRODUCT FOR PROCESSING WOOL FIBRES. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed February 5, 1948. Serial No. 548,837. PUBLISHED JUNE 22, 1948. Class 6.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

502,194. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) AMERICAN MEDICAL GLASS COMPANY, Washington, D. C. Filed Dec. 16, 1947. Serial No. 497,834.

ARCHGLAS

FOR FOOT PROSTHETIC DEVICE DESIGNED TO AID THE PROPER FUNCTIONING OF A FOOT DISABLED BECAUSE OF MALFORMATION, WEAKNESS, OR MISSING PARTS.
Claims use since Feb. 5, 1946.

502,195. (CLASS 38. PRINTS AND PUBLICATIONS.) NATIONAL RETAIL DRY GOODS ASSOCIATION, New York, N. Y. Filed Jan. 9, 1948. Serial No. 500,407.

STORES

FOR A PERIODICAL PUBLICATION.
Claims use since Mar. 14, 1946.

502,196. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) AIRQUIPMENT COMPANY, Burbank, Calif. Filed Sept. 4, 1947. Serial No. 500,511.

Aeroramp

Applicant claims ownership of registration No. 400,846.
FOR PORTABLE PASSENGER LOADING STAIRWAYS.
Claims use since Apr. 5, 1946.

502,197. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) KATHRYN, INC., Chicago, Ill., assignee of Kay Daumit, Inc. Filed July 16, 1947. Serial No. 500,961.

LORD CARLTON

FOR AFTER SHAVE LOTION, SUN TAN OIL AND COLOGNE.
Claims use since Jan. 10, 1942.

502,198. (CLASS 39. CLOTHING.) GERSON & KAPLAN GARMENT MANUFACTURERS, INC., Houston, Tex. Filed Oct. 8, 1947. Serial No. 504,761.



FOR WOMEN'S, MISSES' AND GIRLS' APPAREL—NAMELY, SKIRT SUITS; SLACKSUITS; SKIRTS; SLACKS; BLOUSES; PLAYSUITS; JACKETS; DRESSES; COATS.
Claims use since May 1, 1946.

502,199. (CLASS 31. FILTERS AND REFRIGERATORS.) FRASER & JOHNSTON CO., San Francisco, Calif. Filed Aug. 19, 1947. Serial No. 506,440.

BILTWEL

FOR MECHANICALLY OPERATED COMMERCIAL REFRIGERATED STORAGE CABINETS, MECHANICALLY OPERATED COMMERCIAL FROZEN FOOD CHESTS, AND REFRIGERATED DISPLAY CASES.
Claims use since Apr. 19, 1946.

502,200. (CLASS 37. PAPER AND STATIONERY.) SOUTHERN ADVANCE BAG & PAPER CO. INC., Bangor, Maine, and Boston, Mass. Filed Nov. 12, 1947. Serial No. 508,867.

PANAMA

FOR KRAFT WRAPPING PAPER.
Claims use since July 27, 1946.

502,201. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) WEBSTER ELECTRIC COMPANY, Racine, Wis. Filed Sept. 10, 1947. Serial No. 509,058.

Homefone

FOR UNITARY INTER-COMMUNICATING SOUND AMPLIFYING AND TRANSMITTING APPARATUS COMPRISING SPEAKERS, AMPLIFIERS, MICROPHONES, INTER-CONNECTING CIRCUITS, WHEREBY CONVERSATION AT EITHER POINT MAY BE HEARD AT THE OTHER POINT OF COMMUNICATION.
Claims use since Aug. 26, 1946.

502,202. (CLASS 39. CLOTHING.) DIXIE DEE DRESSES INC., New York, N. Y. Filed Oct. 1, 1947. Serial No. 510,577.

Dixie Dee

FOR LADIES', MISSES' AND JUNIOR MISSES' DRESSES.
Claims use since Aug. 27, 1946.

502,203. (CLASS 38. PRINTS AND PUBLICATIONS.) NATIONAL PETROLEUM PUBLISHING COMPANY, Cleveland, Ohio. Filed Jan. 6, 1948. Serial No. 512,522.

PETROLEUM PROCESSING

FOR A PUBLICATION ISSUED PERIODICALLY OF INTEREST TO THE PETROLEUM INDUSTRY.
Claims use since Sept. 7, 1946.

502,204. (CLASS 17. TOBACCO PRODUCTS.) SAKS & COMPANY, New York, N. Y. Filed Oct. 20, 1947. Serial No. 512,703.

SAKS
Dinsmore
MIXTURE

FOR CIGARS, CIGARETTES, AND TOBACCOS.
Claims use since Oct. 1, 1946.

502,205. (CLASS 17. TOBACCO PRODUCTS.) SAKS & COMPANY, New York, N. Y. Filed Oct. 20, 1947. Serial No. 512,704.

SAKS
Lawton
MIXTURE

FOR CIGARS, CIGARETTES AND TOBACCOS.
Claims use since Oct. 1, 1946.

502,206. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MEAT INDUSTRY SUPPLIERS, INC., Chicago, Ill. Filed Feb. 4, 1948. Serial No. 513,127.

Miss Chicken

FOR CHICKEN STYLE SOUP BASE.
Claims use since Oct. 28, 1946.

502,207. (CLASS 38. PRINTS AND PUBLICATIONS.) DREXEL FURNITURE COMPANY, Drexel, N. C. Filed Dec. 17, 1947. Serial No. 515,416.

Drexel Furniture Company
NEWS

FOR PERIODICALS.
Claims use since Sept. 15, 1946.

502,208. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUTLEDGE POTATO CHIP COMPANY, Fort Worth, Tex. Filed Apr. 23, 1948. Serial No. 515,644.

Rutledge's

FOR POTATO CHIPS AND CORN CHIPS.
Claims use since Nov. 11, 1909.

502,209. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ACME PRODUCTS CORPORATION, St. Joseph, Mo. Filed Dec. 5, 1947. Serial No. 516,462.

Germkill

FOR THERAPEUTIC LAMP HAVING AS ITS PURPOSE A KILLING OF AIR-BORNE BACTERIA BY MEANS OF ULTRA-VIOLET RADIATION.
Claims use since Sept. 1, 1946.

502,210. (CLASS 39. CLOTHING.) CAPITAL MANUFACTURING CO., INC., Los Angeles, Calif. Filed Jan. 6, 1948. Serial No. 516,667.

Delmonico

FOR MEN'S SPORT SHIRTS AND SPORT JACKETS.
Claims use since Nov. 18, 1946.

502,211. (CLASS 19. VEHICLES.) COMMER CARS LIMITED, Coventry, England. Filed Nov. 28, 1947. Serial No. 516,820.

COMMER

Applicant claims ownership of British registration No. 450,776.
FOR GOODS-VANS, LORRIES AND PASSENGER ROAD COACHES—NAMELY, OMNIBUSES, BOTH SINGLE- AND DOUBLE-DECKED.

502,212. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SANFORD BRAUNSTEIN, doing business as Sanford & Son, Los Angeles, Calif. Filed Nov. 12, 1947. Serial No. 522,014.

Sanford's
Solution

FOR PHARMACEUTICAL PREPARATIONS—NAMELY, STERILIZING SOLUTIONS.
Claims use since Apr. 12, 1945.

502,213. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) KAUFMAN & KRIEGER, New York, N. Y. Filed Oct. 17, 1947. Serial No. 524,541.

modisterized

Applicant claims ownership of registration No. 419,041.
FOR LACES AND EMBROIDERED FABRICS IN THE PIECE.
Claims use since May 1, 1946.

502,214. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ABBO-CRAFT COMPANY, Chicago, Ill. Filed June 9, 1948. Serial No. 526,983.

GLY-DA-JET

FOR TOY AEROPLANES.
Claims use since Jan. 15, 1947.

502,215. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) AMERICAN FELT COMPANY, Glenville, Conn. Filed May 25, 1948. Serial No. 528,181.

Vibra-Mounts

FOR FELT PADS USED AS VIBRATION ABSORBING AND NON-SKID MOUNTINGS.
Claims use since May 16, 1946.

502,216. (CLASS 31. FILTERS AND REFRIGERATORS.) WILLIAM MCKINLEY BAIRD, Chicago, Ill. Filed May 13, 1948. Serial No. 528,247.

WE FREEZE THE FOOD AND NOT THE PEOPLE

Applicant claims ownership of registration No. 408,451.
FOR COMMERCIAL REFRIGERATED LOCKERS.
Claims use since Dec. 12, 1936.

502,217. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLORADO RIVER FARMS, INCORPORATED, Blythe, Calif. Filed June 8, 1948. Serial No. 529,746.

PARKER DAM

FOR FRESH VEGETABLES AND FRESH MELONS.
Claims use since Dec. 13, 1946, for fresh vegetables, and since May 20, 1947, for fresh melons.

502,218. (CLASS 39. CLOTHING.) MACK P. NIVEN, doing business as Carolina Manufacturing Company, Greenville, S. C. Filed May 3, 1948. Serial No. 530,015.

HAV-A-HANK

FOR HANDKERCHIEFS.
Claims use since Mar. 10, 1947.

502,219. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MISSOURI PAINT & VARNISH CO., St. Louis, Mo. Filed Aug. 27, 1947. Serial No. 532,620.

SEAL-A-LEAK

FOR LIQUID COATING MATERIAL IN THE NATURE OF A PAINT.
Claims use since Jan. 1, 1916.

502,220. (CLASS 38. PRINTS AND PUBLICATIONS.) THE TAXICAB PUBLISHING COMPANY, Cleveland, Ohio. Filed Apr. 28, 1948. Serial No. 533,211.

THE Taxicab INDUSTRY

FOR PUBLICATION PUBLISHED MONTHLY OR FROM TIME TO TIME, THE SUBJECT MATTER OF WHICH IS DIRECTED TO THE TAXICAB INDUSTRY.
Claims use since June 15, 1946.

502,221. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE GLIEBE CO., Brooklyn, N. Y. Filed July 2, 1948. Serial No. 534,768.

GLIEBE'S Hook-Pak

FOR FISH HOOK HOLDER AND PROTECTOR.
Claims use since Jan. 8, 1947.

502,222. (CLASS 2. RECEPTACLES.) BABY WORLD COMPANY, INC., New York, N. Y. Filed June 2, 1948. Serial No. 534,977.

KANT-SPILL

FOR CHILDREN'S PLASTIC TRAINING DRINKING CUPS.
Claims use since July 1, 1945.

502,223. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) U. S. TYPEWRITER RIBBON MFG. CO., Philadelphia, Pa. Filed June 24, 1948. Serial No. 548,771.

KLEEN KEY

FOR TYPE CLEANER.
Claims use since June 30, 1942.

Service Marks

502,224. (CLASS 55. SERVICES.) NORTHWEST CASUALTY COMPANY, Seattle, Wash. Filed June 7, 1948. Serial No. 532,957.

SECURITY SERVICE SAFETY
NORTHWEST CASUALTY COMPANY
INCORPORATED 1928

FOR SERVICE OF CASUALTY INSURANCE.
Claims use since Jan. 4, 1944.

TRADE-MARK REGISTRATIONS RENEWED

31,704. LEGION BOND. Registered June 21, 1898. Whiting Paper Company. Re-renewed June 21, 1948, to Whiting & Company Incorporated, Holyoke, Mass., a corporation of Massachusetts. WRITING PAPERS. Class 37.

32,197. SPENCERIAN. Registered Dec. 6, 1898. The Spencerian Pen Co. Re-renewed Dec. 6, 1948, to Spencerian Pen Company Inc., New York, N. Y., a corporation of New York. PENS, PENCILS, PEN-RACKS, ERASING-RUBBERS, PENHOLDERS, RULERS, CLIPS, DRAWING PENS. Classes 26 and 37.

64,006. GIANT. Registered July 16, 1907. Taylor, Stiles & Co. Re-renewed July 16, 1947, to Taylor, Stiles & Company, Riegelsville, N. J., a corporation of New Jersey. PAPER-STOCK CUTTERS AND PAPER-STOCK SHREDDERS. Class 23.

68,839. "TAURIL". Registered Apr. 28, 1908. Ungarische Gummiwaarenfabriks Actieugesellschaft, Budapest, Hungary. Vested in Attorney General of the United States, Washington, D. C., and re-renewed to him Apr. 28, 1948. RUBBER AND ASBESTOS PACKING. Class 35.

69,497. "CEROTTO BERTELLI" ETC. AND DRAWING. Registered June 16, 1908. Societa Prodotti Chimco Farmaceutici A. Bertelli & Co., Milan, Italy, a corporation organized under the laws of Italy. Renewed June 16, 1948. MEDICATED PLASTERS. Class 6.

69,592. "PERKINS" ETC. AND PORTRAIT. Registered June 23, 1908. The National Herb Company, Washington, D. C. Re-renewed June 23, 1948, to Jewel Pharmacal Company, St. Louis, Mo., a partnership. INTERNAL HERB REMEDIES FOR DISEASES OF THE BLOOD, KIDNEYS, AND LIVER, ETC. Class 6.

69,871. GREEN STRAND INCORPORATED IN THE BODY OF A CABLE. Registered July 14, 1908. Standard Underground Cable Company, Pittsburgh, Pa. Re-renewed July 14, 1948, to General Cable Corporation, New York, N. Y., a corporation of New Jersey. METAL-SHEATHED ELECTRIC CABLES, RUBBER-COVERED ELECTRIC CONDUCTORS, ETC. Class 21.

70,321. GILDING WHEEL. Registered Aug. 18, 1908. W. H. Coe Manufacturing Company. Re-renewed Aug. 18, 1948, to W. H. Coe Manufacturing Company, Providence, R. I., a corporation of Rhode Island. GILDING TOOLS PROVIDED WITH MEANS FOR HOLDING A PACKAGE-ROLL OF METALLIC LEAF, FROM WHICH THE METALLIC LEAF IS TO BE TRANSFERRED TO A DELIVERY-WHEEL AND THENCE TO THE SURFACE WHICH IS TO BE DECORATED. Class 23.

70,539. REPRESENTATION OF TWO FISHES. Registered Sept. 8, 1908. Stavanger Preserving Company. Re-renewed Sept. 8, 1948, to Stavanger Preserving Co. A/S., Stavanger, Norway, a limited company of Norway. SMOKED SARDINES IN OIL. Class 46.

70,592. DJER KISS. Registered Sept. 15, 1908. Alfred H. Smith Co., New York, N. Y. Re-renewed Sept. 15, 1948, to Kerkoff, Inc., East Orange, N. J., a corporation of New Jersey. PERFUMES. Class 6.

70,593. KERKOFF. Registered Sept. 15, 1908. Alfred H. Smith Co., New York, N. Y. Re-renewed Sept. 15, 1948, to Kerkoff, Inc., East Orange, N. J., a corporation of New Jersey. PERFUMES. Class 6.

71,363. TRICOFÉRO DE BARRY. Registered Nov. 17, 1908. Barclay & Barclay. Re-renewed Nov. 17, 1948, to Lanman & Kemp-Barclay & Co. Incorporated, New York, N. Y., a corporation of New York. MEDICATED PREPARATION FOR THE HAIR, SCALP, AND SKIN. Class 6.

71,706. "NEW RIVER ADMIRALTY" ETC. AND DIAMOND DESIGN. Registered Dec. 15, 1908. The Chesapeake & Ohio Coal & Coke Company, Thurmond, W. Va., and New York, N. Y. Re-renewed Dec. 15, 1948, to Eastern Gas and Fuel Associates, Boston, Mass., a voluntary association of Massachusetts. SEMIBITUMINOUS COAL. Class 1.

71,811. "ANCHOR BRAND" AND REPRESENTATION OF AN ANCHOR. Registered Dec. 15, 1908. H. F. Hemingway & Co., Baltimore, Md. Re-renewed Dec. 15, 1948, to North Jersey Wholesale Grocery Co., Paterson, N. J., a corporation of New Jersey. BAKED BEANS AND SAUER KRAUT, CANNED FRUITS AND VEGETABLES. Class 46.

71,837. "REIS UNDERWEAR" AND DESIGN. Registered Dec. 15, 1908. Robert Reis & Co. Re-renewed Dec. 15, 1948, to Robert Reis & Co., New York, N. Y., a corporation of New York. MEN'S DRAWERS AND UNDERSHIRTS. Class 39.

219,090. "MANUFACTURE FRANCAIS DES POILS" ETC. AND DRAWING. Registered Oct. 12, 1926. Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie., Montreuil-sous-Bois, France, a corporation organized under the laws of the Republic of France. Renewed Oct. 12, 1946 (as provided by P. L. 517, July 17, 1946). RABBIT, HARE, CASTOR, NUTRIA, MUSKRAT CUT HAIRS FOR HAT MANUFACTURE. Class 1.

220,290. "HUDSONIA" ETC. AND DRAWING. Registered Nov. 9, 1926. Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie., Montreuil-sous-Bois, France, a corporation organized under the laws of the Republic of France. Renewed Nov. 9, 1946 (as provided by P. L. 517, July 17, 1946). SKINS OF RATS SIZED AND GLOSSED. Class 1.

220,291. "HUDSONIA" ETC. AND DRAWING. Registered Nov. 9, 1926. Societe Anonyme Des Anciens Etablissements C. & E. Chapal Freres & Cie., Montreuil-sous-Bois, France, a corporation organized under the laws of the Republic of France. Renewed Nov. 9, 1946 (as provided by P. L. 517, July 17, 1946). SKINS OF RATS SIZED AND GLOSSED. Class 1.

222,857. "TYOGA" AND DRAWING. Registered Jan. 11, 1927. Roy J. Dunham. Renewed Jan. 11, 1947, to Frank L. Dunham, doing business as Roy J. Dunham Store, Wellsboro, Pa. PANCAKE FLOUR, BUCKWHEAT FLOUR, AND CHICKEN FEED. Class 46.

234,178. TRANSEEN. Registered Oct. 18, 1927. Newark Paraffine and Parchment Paper Co., Newark, N. J., and New York, N. Y. Renewed Oct. 18, 1947, to Newark Paraffine and Parchment Paper Co., Newark, N. J., a corporation of New Jersey. GLASSINE, WAXED PAPER, AND COMBINATION OF WAXED GLASSINE PAPER. Class 37.

239,742. CLIPPER. Registered Mar. 13, 1928. Anchor Cap & Closure Corporation, Long Island City, N. Y. Renewed Mar. 13, 1948, to Anchor Hocking Glass Corporation, Lancaster, Ohio, a corporation of Delaware. CLOSURE CAPS. Class 50.

240,291. "GENUINE MARSHALL—THEY INVITE REST" ETC. AND CIRCULAR DESIGN. Registered Mar. 20, 1928. National Spring & Wire Co., Grand Rapids, Mich. Renewed Mar. 20, 1948, to Nachman Corporation, Chicago, Ill., a corporation of Illinois. FURNITURE CUSHION SPRINGS AND FURNATURE UPHOLSTERY SPRINGS. Class 32.

240,430. BUON GUSTO. Registered Mar. 27, 1928. A. Merlino & Sons. Renewed Mar. 27, 1948, to Angelo Merlino, Seattle, Wash. CANNED TOMATOES, TOMATO SAUCE, CANNED PEAS, CANNED BEANS, CANNED AND BOTTLED OLIVES, ETC. Class 46.

240,515. "DARTLAND" AND DESIGN. Registered Mar. 27, 1928. Robert H. Dart, Sacramento, Calif. Renewed Mar. 27, 1948. FRESH GRAPES. Class 46.

241,092. "RAPID" ETC. AND DRAWING. Registered Apr. 17, 1928. Bilsh Milling Company, Seymour, Ind., a corporation of Indiana. Renewed Apr. 17, 1948. SELF-RISING WHEAT FLOUR. Class 46.

241,416. CURRENT EVENTS. Registered Apr. 24, 1928. American Education Press, Inc., Columbus, Ohio, a corporation of Delaware. Renewed Apr. 24, 1948. WEEKLY PUBLICATION. Class 38.

241,441. DELCO-REMY. Registered May 1, 1928. Delco-Remy Corporation, Anderson, Ind., and Dayton, Ohio. Renewed May 1, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. ELECTRICALLY OPERATED SOUNDING HORNS, SIGNALS, AND ALARMS AND PARTS THEREOF FOR USE WITH MOTOR DRIVEN VEHICLES AND GENERAL USE. Class 21.

241,637. DELCO-REMY. Registered May 1, 1928. Delco-Remy Corporation, Anderson, Ind., and Dayton, Ohio. Renewed May 1, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. ELECTRICAL STARTING, LIGHTING, AND IGNITION APPARATUS AND PARTS THEREOF FOR USE WITH THE ENGINES OF MOTOR-DRIVEN VEHICLES, MOTOR BOATS, AIRPLANES, AND THE LIKE; ETC. Class 21.

243,250. "ELAM'S STONE GROUND" AND RECTANGULAR DESIGN LINED FOR RED AND BLUE. Registered June 12, 1928. Elam Mills, Inc., Chicago, Ill., a corporation of Illinois. Renewed June 12, 1948. WHOLE-WHEAT FLOUR, WHOLE-WHEAT MEAL, CORN MEAL, AND OATMEAL. Class 46.

243,376. "SAN CHO" AND DIAMOND-SHAPED DESIGN. Registered June 19, 1928. Diamond & Bober, New York, N. Y. Renewed June 19, 1948, to Burlington Mills Corporation, Greensboro, N. C., a corporation of Delaware. SILK CREPE IN THE PIECE. Class 42.

243,437. RED BAND AROUND THE BASE OF THE REPRESENTATION OF A FIRE POT. Registered June 19, 1928. Clayton & Lambert Mfg. Co., Detroit, Mich. Renewed June 19, 1948, to Clayton & Lambert Manufacturing Company, Louisville, Ky., a corporation of Delaware. LIQUID-FUEL BURNING FIRE POTS. Class 34.

243,620. THE AMERICAN ENAMELER. Registered June 26, 1928. The Porcelain Enamel and Manufacturing Company. Renewed June 26, 1948, to Pemco Corporation, Baltimore, Md., a corporation of Maryland. MONTHLY MAGAZINE. Class 38.

243,656. "MAN-SOTA" AND DIAMOND DESIGN. Registered June 26, 1928. Breen Stone & Marble Company, Kasota, Minn., a corporation of Minnesota. Renewed June 26, 1948. BLOCKS OF STONE, SAWED AND POLISHED, AND FINISHED BLOCKS OF MATERIAL SOLD AS MARBLE. Class 12.

243,665. "RED SEAL" ETC. AND CIRCULAR DESIGN. Registered June 26, 1928. Paul W. Wagenseller, doing business as Specialty Glass Co., Chicago, Ill. Renewed June 26, 1948. GLASSWARE FOR CHEMICAL, LABORATORY, AND SCIENTIFIC PURPOSES—NAMELY, GLASS TUBES, RODS, ETC. Class 33.

243,677. "STANDARD"-A-R. Registered June 26, 1928. Standard Sanitary Manufacturing Company. Renewed June 26, 1948, to American Radiator & Standard Sanitary Corporation, Pittsburgh, Pa., a corporation of Delaware. ENAMELED WARE AND INCLUDES SUCH ENAMELED PLUMBING FIXTURES AS BATHTUBS, SHOWER RECEPTORS, SITZ BATHS, ETC. Class 13.

243,740. ELMOLINO. Registered June 26, 1928. Bolivar Packing Company, San Diego, Calif., a firm. Renewed June 26, 1948. CANNED OLIVES. Class 46.

243,941. "INLAND" ETC. AND DESIGN. Registered July 3, 1928. Inland Manufacturing Company, Dayton, Ohio. Renewed July 3, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. STEERING WHEELS FOR MOTOR-DRIVEN VEHICLES. Class 19.

244,106. "MAGNETO" AND DESIGN. Registered July 10, 1928. Polar Milling Company. Renewed July 10, 1948, to Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware. WHEAT FLOUR. Class 46.

244,170. "FIDELIS ET CONSTANS" AND DESIGN. Registered July 17, 1928. Wormalds & Walker, Limited, Dewsbury, England. Renewed July 17, 1948, to Wormalds & Walker Limited, Yorkshire, England, a United Kingdom corporation. BLANKETS, AND RUGS MADE OF TEXTILE MATERIAL FOR PERSONAL USE. Class 42.

244,171. DORMY. Registered July 17, 1928. Wormalds & Walker, Limited, Dewsbury, England. Renewed July 17, 1948, to Wormalds & Walker Limited, Yorkshire, England, a United Kingdom corporation. BLANKETS, AND RUGS MADE OF TEXTILE MATERIAL FOR PERSONAL USE. Class 42.

244,174. ROYAL. Registered July 17, 1928. The P. A. Geier Company, Cleveland, Ohio, a corporation of Ohio. Renewed July 17, 1948. SPRAY ATTACHMENTS FOR SUCTION CLEANERS AND THE LIKE. Class 23.

244,184. —NUVOPAK—. Registered July 17, 1928. Cambridge Paper Box Company, Cambridge, Mass., a corporation of Massachusetts. Renewed July 17, 1948. PAPER BOXES. Class 2.

244,221. PAPY OF THEM ALL. Registered July 17, 1928. Charles Adams, New Kensington, Pa. Renewed July 17, 1948. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGE SOLD AS A SOFT DRINK AND SIRUP, EXTRACT, AND CONCENTRATE FOR MAKING THE SAME. Class 45.

244,235. JACIEL. Registered July 17, 1928. Jaciel Perfumers, Inc. Renewed July 17, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. SKIN LOTION, TALCUM POWDER, COLD CREAM, VANISHING CREAM, SOLID PERFUME, PERFUME, ETC. Class 6.

244,391. TERNSTEDT. Registered July 17, 1928. Ternstedt Manufacturing Company. Renewed July 17, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. AUTOMOBILE BODY HARDWARE—NAMELY, REAR DECK LOCKS FOR AUTOMOBILES, OPEN AND CLOSED BODY DOOR LOCKS, ETC. Class 25.

244,653. VANCORAM. Registered July 24, 1928. Vanadium Corporation of America, Bridgeville, Pa. Renewed July 24, 1948, to Vanadium Corporation of America, New York, N. Y., a corporation of Delaware. METALLIC OXIDES AND SALTS, AND ESPECIALLY OXIDES AND SALTS OF VANADIUM, MOLYBDENUM, TUNGSTEN, CHROMIUM TITANIUM, ZIRCONIUM, CADMIUM, URANIUM, COBALT, NICKEL, AND MANGANESE. Class 6.

244,654. VANCORAM. Registered July 24, 1928. Vanadium Corporation of America, Bridgeville, Pa. Renewed July 24, 1948, to Vanadium Corporation of America, New York, N. Y., a corporation of Delaware. ALLOYS, AND ESPECIALLY ALLOYS CONTAINING VANADIUM, SILICON, CHROMIUM, ALUMINUM, MANGANESE, TUNGSTEN, MOLYBDENUM, TITANIUM, ZIRCONIUM, AND CADMIUM. Class 14.

244,659. "POLAR RUSTLESS STEEL" AND DESIGN. Registered July 24, 1928. Polar Ware Company, Sheboygan, Wis., a corporation of Wisconsin. Renewed July 24, 1948. METAL KITCHEN AND COOKING POTS, PANS, AND KETTLES, ETC. Class 13.

244,694. RINGS O'ROMANCE. Registered July 24, 1928. Benjamin & Edward J. Gross Co., Inc., New York, N. Y., a corporation of New York. Renewed July 24, 1948. FINGER RINGS AND MOUNTINGS THEREFOR. Class 28.

244,834. REPRESENTATION OF A CUB BEAR. Registered July 31, 1928. The A. C. Gilbert Company. Renewed July 31, 1948, to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland. ELECTRIC FANS, ELECTRIC LIQUID AND PLASTIC FOOD MIXERS, ELECTRIC SPACE HEATERS, ELECTRIC VENTILATING FANS, ETC. Classes 8 and 21.

244,835. POLAR CUB. Registered July 31, 1928. The A. C. Gilbert Company. Renewed July 31, 1948, to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland. ELECTRIC SPACE HEATERS, ELECTRIC VENTILATING FANS, ELECTRIC CIGAR LIGHTERS, ETC. Classes 8 and 21.

245,035. "DIAMOND" ENCLOSED BY DIAMOND-SHAPED DESIGN. Registered Aug. 7, 1928. Hubbard & McClary, Windsor, Vt. Renewed Aug. 7, 1948, to Red Devil Tools, Irvington, N. J., a corporation of New Jersey. MACHINES FOR SETTING GLAZIERS' POINTS. Class 23.

245,145. SNOW QUEEN. Registered Aug. 7, 1928. Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. Renewed Aug. 7, 1948. LADIES' WOOLEN HOSIERY. Class 39.

245,150. PORTAMAC. Registered Aug. 7, 1928. Pearson Brothers. Renewed Aug. 7, 1948, to Mattamac Limited, London, England, a corporation organized under the laws of the Kingdom of Great Britain and Northern Ireland. WATERPROOF COATS AND WATERPROOF CAPES FOR MEN, WOMEN, AND CHILDREN. Class 39.

245,182. "SUR-GRO" ETC. Registered Aug. 7, 1928. Bachrodt & Company, San Jose, Calif., a corporation of California. Renewed Aug. 7, 1948. PULVERIZED ANIMAL MANURE. Class 10.

245,841. "BETHOLINE" ETC. Registered Aug. 21, 1928. Sherwood Brothers Incorporated, Baltimore, Md., a corporation of Maryland. Renewed Aug. 21, 1948. GASOLINE. Class 15.

246,014. "ORIENTAL CREAM" ETC. AND LABEL DESIGN LINED FOR RED. Registered Aug. 28, 1928. Ferdinand T. Hopkins, doing business as Ferd. T. Hopkins & Son, New York, N. Y. Renewed Aug. 28, 1948. LOTION FOR BEAUTIFYING AND IMPROVING THE SKIN AND COMPLEXION. Class 6.

246,384. GOLD STRAND. Registered Sept. 4, 1928. American Wire Fabrics Corporation, New York, N. Y., a corporation of Delaware. Renewed Sept. 4, 1948. WIRE SCREENING. Class 13.

246,415. "ORIENTAL CREAM" ETC., AND REPRESENTATION OF BOTTLE, AND CARTON DESIGN LINED FOR PLUM, GREEN AND RED COLORS. Registered Sept. 4, 1928. Ferdinand T. Hopkins, doing business as Ferd. T. Hopkins & Son, New York, N. Y. Renewed Sept. 4, 1948. LOTION FOR BEAUTIFYING AND IMPROVING THE SKIN AND COMPLEXION. Class 6.

246,437. FOREMAN. Registered Sept. 4, 1928. Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. Renewed Sept. 4, 1948. HOSIERY. Class 39.

246,623. REPRESENTATION OF A POLAR CUB. Registered Sept. 11, 1928. The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland. Renewed Sept. 11, 1948. ELECTRIC VIBRATORS AND ELECTRIC HAIR DRYERS. Class 44.

246,644. REPRESENTATION OF LLAMA ENCLOSED BY CIRCULAR DESIGN. Registered Sept. 11, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Sept. 11, 1948. MEN'S SUITS AND OVERCOATS. Class 39.

246,665. "BRIGHT STAR" ETC. AND REPRESENTATION OF A STAR AND OVAL DESIGN. Registered Sept. 11, 1928. Bright Star Battery Co., Hoboken, N. J. Renewed Sept. 11, 1948, to Bright Star Battery Company, Clifton, N. J., a corporation of New Jersey. ELECTRIC BATTERIES—VIZ, A AND B BATTERIES. Class 21.

246,869. CARBEX. Registered Sept. 18, 1928. McLeod & Henry Co. Renewed Sept. 18, 1948, to McLeod & Henry Company, Inc., Troy, N. Y., a corporation of New York. REFRACTORY BRICKS AND BLOCKS AND REFRACTORY CEMENTS. Class 12.

246,911. GRAND CANYON. Registered Sept. 18, 1928. Pendleton Woolen Mills, Portland, Oreg., a corporation of Oregon. Renewed Sept. 18, 1948. WOOLEN BLANKETS. Class 42.

246,950. SILVER BOW. Registered Sept. 18, 1928. Montana Flour Mills Company, Great Falls, Mont., a corporation of Montana. Renewed Sept. 18, 1948. WHEAT FLOUR. Class 46.

247,018. MIRROR. Registered Sept. 18, 1928. The Mirror, New York, N. Y. Renewed Sept. 18, 1948, to Loft Candy Corporation, Long Island City, N. Y., a corporation of New York. SODA WATER, ICE-CREAM SODA WATER, LEMON PHOSPHATE, PHOSPHATES IN OTHER FLAVORS, LEMONADE, AND THE SAME BEVERAGE IN OTHER FLAVORS. Class 45.

247,123. MIRROR FRAME DESIGN, ETC. Registered Sept. 18, 1928. The Mirror, New York, N. Y. Renewed Sept. 18, 1948, to Loft Candy Corporation, Long Island City, N. Y., a corporation of New York. SODA WATER, ICE-CREAM SODA WATER, LEMON PHOSPHATE, PHOSPHATES IN OTHER FLAVORS, LEMONADE, AND THE SAME BEVERAGE IN OTHER FLAVORS. Class 45.

247,182. LYNNETTE. Registered Sept. 25, 1928. Gregory and Read Company, Lynn, Mass., a corporation of Massachusetts. Renewed Sept. 25, 1948. LEATHER BOOTS AND SHOES. Class 39.

247,621. MIRROR. Registered Oct. 2, 1928. The Mirror, New York, N. Y. Renewed Oct. 2, 1948, to Loft Candy Corporation, Long Island City, N. Y., a corporation of New York. CANDIES, BONBONS, PASTRY, CAKES, COOKIES, CRACKERS, SANDWICHES, BISCUITS, NUTS, ETC. Class 46.

247,941. REPRESENTATION OF STAR IN CIRCLE. Registered Oct. 9, 1928. Bright Star Battery Co., Hoboken, N. J. Renewed Oct. 9, 1948, to Bright Star Battery Company, Clifton, N. J., a corporation of New Jersey. ELECTRIC BATTERIES — VIZ., FLASHLIGHT BATTERIES, RADIO AND WIRELESS BATTERIES, DRY CELLS, ETC. Class 21.

248,164. FARASTAN. Registered Oct. 16, 1928. The Farastan Company, Ardmore, Pa. Renewed Oct. 16, 1948, to The Farastan Company, Philadelphia, Pa., a corporation of Pennsylvania. PREPARATION USED IN THE TREATMENT OF RHEUMATISM, ARTHRITIS, NEURITIS, NEURALGIA, LUMBAGO, ETC. Class 6.

248,543. "MENTHOLATUM" AND REPRESENTATION OF A JAR AND CARTON DESIGN LINED FOR GREEN AND BLUE. Registered Oct. 23, 1928. The Mentholatum Company, Wichita, Kans., and Buffalo, N. Y. Renewed Oct. 23, 1948, to The Mentholatum Company, Buffalo, N. Y., a corporation of Delaware. A SALVE FOR EXTERNAL APPLICATION IN THE TREATMENT OF INFLAMMATIONS AND ERUPTIONS OF THE SKIN AND MUCOUS MEMBRANE AND IN THE TREATMENT OF CROUP, SORE THROAT, ETC. Class 6.

248,742. ENCHANTRESS. Registered Oct. 30, 1928. Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. Renewed Oct. 30, 1948. HOSIERY. Class 39.

248,805. CURLY HEAD. Registered Oct. 30, 1928. Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. Renewed Oct. 30, 1948. HOSIERY. Class 39.

248,843. RAINIER PARK. Registered Oct. 30, 1928. Pendleton Woolen Mills, Portland, Oreg., a corporation of Oregon. Renewed Oct. 30, 1948. WOOLEN BLANKETS. Class 42.

248,988. "DOT" AND DESIGN. Registered Nov. 6, 1928. The Janszen Company, Cincinnati, Ohio, a corporation of Ohio. Renewed Nov. 6, 1948. SALT, BAKING POWDER AND SAL SODA. Classes 6 and 46.

249,050. RESISTALL. Registered Nov. 6, 1928. L. L. Brown Paper Company, Adams, Mass., a corporation of Massachusetts. Renewed Nov. 6, 1948. LEDGER PAPER, BOND PAPER, WRITING PAPER, MAP PAPER, AND BRISTOL BOARD. Class 37.

249,366. CALOPHEN. Registered Nov. 13, 1928. The Upjohn Company, Kalamazoo, Mich., a corporation of Michigan. Renewed Nov. 13, 1948. LAXATIVE PREPARATION HAVING A CHOLAGOGUE ACTION AS WELL AS STIMULATING THE HEPATIC FUNCTIONS. Class 6.

249,368. REPRESENTATION OF STAR LINED FOR RED AND BLACK LINE EXTENDING DIAGONALLY BELOW THE STAR. Registered Nov. 13, 1928. Red Star Mfg. Co. Inc., San Juan, Porto Rico, and New York, N. Y. Renewed Nov. 13, 1948, to Red Star Mfg. Co., Inc., Santurce, Puerto Rico, a corporation organized under the laws of Puerto Rico. PEARL BUTTONS. Class 40.

249,433. BUSINESS BUILDERS. Registered Nov. 13, 1928. Brown & Bigelow, St. Paul, Minn., a corporation of Minnesota. Renewed Nov. 13, 1948. WALL CALENDARS, WALL MAILING CARDS, AND GREETING CARDS. Class 38.

249,453. CALCICOL. Registered Nov. 13, 1928. Swan-Myers Company, Indianapolis, Ind. Renewed Nov. 13, 1948, to Abbott Laboratories, North Chicago, Ill., a corporation of Illinois. CALCIUM GUAIACOL SULPHONATE. Class 6.

249,545. DR. PARKER'S VITALIZING TABLETS. Registered Nov. 20, 1928. Edgar W. Parker, doing business as Dr. Parker Medicine Co., Tampa, Fla. Renewed Nov. 20, 1948, to William E. Marsh, doing business as Dr. Parker Medicine Company, Chicago, Ill. GENERAL VITALIZING TONIC IN TABLET FORM. Class 6.

249,589. VACLORY. Registered Nov. 20, 1928. Vacuum Oil Company. Renewed Nov. 20, 1948, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York. OILS, GREASES, AND WAXES OF ALL KINDS AND SIMILAR PRODUCTS, ALL FOR LUBRICATING, ILLUMINATING, HEATING, AND FUEL PURPOSES; ALSO GASOLINE. Class 15.

249,632. HOME SWEET HOME. Registered Nov. 20, 1928. Brown & Bigelow, St. Paul, Minn., a corporation of Minnesota. Renewed Nov. 20, 1948. A PERIODICAL PARTICULARLY ADAPTED TO REAL-ESTATE COMPANIES PUBLISHED FROM TIME TO TIME. Class 38.

249,691. REPRESENTATION OF ATLAS SUPPORTING WEIGHTY SACK ON HIS SHOULDERS. Registered Nov. 20, 1928. The Barrett Company. Renewed Nov. 20, 1948, to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York. SULFATE OF AMMONIA, NITRATE OF SODA, AMMONIUM CHLORIDE, AMMONIUM NITRATE, AMMONIUM PHOSPHATE, CALCIUM NITRATE, AND UREA. Class 6.

249,714. VANALDOL. Registered Nov. 20, 1928. Harold H. Fries, doing business as Fries Bros. Renewed Nov. 20, 1948, to Fries Bros., Inc., New York, N. Y., a corporation of New Jersey. ETHYL PROTOCATECHUIC ALDEHYDE. Class 6.

249,741. TOBOGGAN. Registered Nov. 20, 1928. Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. Renewed Nov. 20, 1948. HOSIERY. Class 39.

249,791. LEADER. Registered Nov. 20, 1928. Fred Rentz Paper Company, Chicago, Ill., a corporation of Illinois. Renewed Nov. 20, 1948. GREASEPROOF AND WATERPROOF WRAPPING PAPER. Class 37.

249,805. ARCADIAN. Registered Nov. 20, 1928. The Barrett Company. Renewed Nov. 20, 1948, to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York. SULFATE OF AMMONIA, NITRATE OF SODA, AMMONIUM CHLORIDE, AMMONIUM NITRATE, AMMONIUM PHOSPHATE, CALCIUM NITRATE, AND UREA. Class 6.

249,891. "HEINE'S BLEND" ETC. AND DRAWING. Registered Nov. 20, 1928. Henry Sutliff, doing business as H. Sutliff Pipe Shop. Renewed Nov. 20, 1948, to Sutliff Tobacco Company, San Francisco, Calif., a corporation of California. SMOKING TOBACCO. Class 17

250,277. "WILFRED" AND REPRESENTATION OF A WOMAN AND BACKGROUND DESIGN. Registered Dec. 4, 1928. Wilfred Laboratories, Inc., New York, N. Y., a corporation of New York. Renewed Dec. 4, 1948. TOILET PREPARATIONS—VIZ., SCALP LOTION, PILOCARPINE HAIR TONIC AND SCALP LOTION, ETC. Class 6.

250,282. "YANK JUNIOR" ETC. AND DESIGN. Registered Dec. 4, 1928. Reliance Manufacturing Company, Chicago, Ill., a corporation of Illinois. Renewed Dec. 4, 1948. BOYS' BLOUSES, NEGLIGEE AND WORK SHIRTS, AND PLAY SUITS. Class 39.

250,352. SUNPLAY. Registered Dec. 4, 1928. Worcester Knitting Company, Worcester, Mass., a corporation of Massachusetts. Renewed Dec. 4, 1948. BATHING SUITS. Class 39.

250,434. CRYSTAL BLANCO. Registered Dec. 11, 1928. The Palmolive-Peet Company, now by change of name Colgate-Palmolive-Peet Company, Chicago, Ill. Renewed Dec. 11, 1948, to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware. SOAP. Class 4.

250,435. KWIKSOLV. Registered Dec. 11, 1928. The Palmolive-Peet Company, now by change of name Colgate-Palmolive-Peet Company, Chicago, Ill. Renewed Dec. 11, 1948, to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware. SOAP. Class 4.

250,444. "INTERNATIONAL SHUR-LINE" AND OVAL DESIGN. Registered Dec. 11, 1928. International Fire Equipment Corporation, West New Brighton, Staten Island, N. Y., a corporation of Delaware. Renewed Dec. 11, 1948. PORTABLE HAND FIRE-EXTINGUISHING APPARATUS. Class 23.

250,503. CORKOUSTIC. Registered Dec. 11, 1928. Armstrong Cork & Insulation Company, Pittsburgh and Lancaster, Pa. Renewed Dec. 11, 1948, to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania. BOARDS OR SHEETS MADE WHOLLY OR IN PART OF CORK FOR THE DEADENING OF SOUND AND ACOUSTICAL CORRECTION IN ROOMS OF BUILDINGS, AUDITORIUMS, AND THE LIKE. Class 12.

250,524. SNOW CRYSTAL. Registered Dec. 11, 1928. H. R. Mallinson & Co. Inc. Renewed Dec. 11, 1948, to National Mallinson Fabrics Corporation, New York, N. Y., a corporation of Delaware. SILK PIECE GOODS AND SILK AND WOOL MIXED PIECE GOODS AND SILK AND RAYON MIXED PIECE GOODS. Class 42.

250,584. MATALESE. Registered Dec. 11, 1928. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Dec. 11, 1948. FABRICS IN THE PIECE MADE WHOLLY OR PARTIALLY FROM CELLULOSE DERIVATIVES. Class 42.

250,619. X-BAZIN. Registered Dec. 11, 1928. Hall & Ruckel, Inc., Brooklyn, N. Y. Renewed Dec. 11, 1948, to Hall & Ruckel, Inc., of New York, N. Y., a corporation of New York. DEPILATORY POWDER AND DEPILATORY CREAM. Class 6.

250,622. NUANCIA. Registered Dec. 11, 1928. Cheney Brothers, South Manchester, Conn., a corporation of Connecticut. Renewed Dec. 11, 1948. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. Class 42.

250,630. PERMANCIA. Registered Dec. 11, 1928. Cheney Brothers, South Manchester, Conn., a corporation of Connecticut. Renewed Dec. 11, 1948. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. Class 42.

250,645. REALPAK. Registered Dec. 11, 1928. Luce Packing Company. Renewed Dec. 11, 1948, to Luce Products, Inc., Lucedale, Miss., a corporation of Mississippi. CANNED FRUITS AND VEGETABLES. Class 46.

250,784. "DORIS HATS" ETC. AND DESIGN. Registered Dec. 18, 1928. Schneider Brothers Millinery Company, St. Louis, Mo., a firm. Renewed Dec. 18, 1948. LADIES' AND MISSES' HATS. Class 39.

250,857. "THE CRIME CLUB" ETC. AND DESIGN. Registered Dec. 18, 1928. The Crime Club, Inc. Renewed Dec. 18, 1948, to Doubleday & Company, Inc., Garden City, N. Y., a corporation of New York. COMPLETELY-PRINTED PUBLICATIONS. Class 38.

250,915. RUBA. Registered Dec. 18, 1928. Houbigant, Inc., New York, N. Y., a corporation of New York. Renewed Dec. 18, 1948. MANICURE PREPARATIONS—NAMELY, NAIL POLISH, NAIL PASTE, NAIL POWDER, ETC. Class 6.

250,919. "DOT" AND DESIGN. Registered Dec. 18, 1928. The Janszen Company, Cincinnati, Ohio, a corporation of Ohio. Renewed Dec. 18, 1948. WALLPAPER CLEANER. Class 4.

250,953. "MHCO KING" ETC. AND DESIGN. Registered Dec. 18, 1928. Mangels-Herold Co., Inc., Baltimore, Md., a corporation of Maryland. Renewed Dec. 18, 1948. COMPOUND OF CORN SYRUP, REFINER'S SYRUP, AND GRANULATED SUGAR AND A COMPOUND OF CORN SYRUP AND WEST INDIA MOLASSES. Class 46.

251,102. GREY GOOSE. Registered Dec. 25, 1928. Rufus W. Scott Company. Renewed Dec. 25, 1948, to Bacon-Scott Company, Inc., New York, N. Y., a corporation of Delaware. HOSIERY. Class 39.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

243,756. AR-KE-TEXTURES. Registered June 26, 1928. Clay Products Company, Inc., Brazil, Ind. GLAZED AND UNGLAZED CLAY BUILDING TILE. Class 12. Corrected as follows: In the renewal certificate, line 5, for the registration number "246,756" read *243,756*.

439,660. "CALIXTE" AND DESIGN. Registered July 13, 1948. Marguerite Selz, Paris, France. PERFUMES. Class 6. Corrected as follows: In the statement, first column, line 1, maiden name of applicant, for "Mosenergue" read *Monsenergue*.

500,767. REPRESENTATION OF ICE CREAM CONE AND CANDY STICKS. Registered June 29, 1948. Maurice Handman, doing business as Maurella Products Co., New York, N. Y. COLOGNE. Class 6. Corrected as follows: In the statement, first column, line 14, for the word "regulated" read *registered*.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 245,538. Registered Aug. 14, 1928. RUDY-PATRICK SEED COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

ROYAL

FOR FLOWER, GARDEN, FARM, AND FIELD SEEDS. Claims use since Jan. 1, 1909.

Reg. No. 260,438. Registered Aug. 27, 1929. HARRY L. GREENBAUM, doing business as Technical Color and Chemical Works, Brooklyn, N. Y. Republished by Technical Color & Chemical Works, Inc., Brooklyn, N. Y., a corporation of New York.

RED-DEVIL



FOR TAR. Claims use since Jan. 15, 1920.

Reg. No. 390,937. Registered Oct. 14, 1941. AYRSHIRE PATOKA COLLIERIES CORPORATION, Indianapolis, Ind., and Wilmington, Del. Republished by Ayrshire Collieries Corporation, Indianapolis, Ind., a corporation of Delaware.



The words "Washed Third Vein" and "Indiana Coal" are disclaimed apart from the mark as shown. The drawing is lined for shading only.

FOR COAL.

Claims use since Jan. 8, 1941.

Reg. No. 432,868. Registered Sept. 16, 1947. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

AMBEROL

FOR SYNTHETIC OR CHEMICALLY-MODIFIED RESINOUS MATERIALS IN SOLID FORM FOR USE IN THE PREPARATION OF PRINTING INKS, SURFACE COATINGS, ADHESIVES, AND RUBBER COMPOSITIONS.

Claims use since May 16, 1924.

Reg. No. 432,869. Registered Sept. 16, 1947. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

ACRYLOID

FOR SYNTHETIC RESINOUS MATERIALS IN THE FORM OF GRANULES, POWDERS, AND SOLUTIONS FOR USE IN PRINTING INKS, COATINGS, FILMS, AND ADHESIVES.

Claims use since Sept. 14, 1934.

CLASS 2

RECEPTACLES

Reg. No. 254,809. Registered Apr. 2, 1929. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

Paraleen

FOR WAXED PAPER BAGS.

Claims use since May 31, 1928.

Reg. No. 357,990. Registered June 21, 1938. THE AMERICAN ART WORKS, INC., Coshocton, Ohio, a corporation of Ohio. Republished by registrant.

SOCIAL SUPPER

FOR SERVING TRAYS OF WOOD, SERVING TRAYS OF WOOD AND METAL, AND SERVING TRAYS OF WOOD AND PLASTIC MATERIAL.

Claims use since March 1931.

Reg. No. 414,006. Registered May 22, 1945. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

BAG-VELOPE

The word "Bag" is disclaimed apart from the mark as shown.

FOR COMBINATION CORRESPONDENCE ENVELOPES AND CLOTH BAGS FOR MAILING MERCHANDISE.

Claims use since July 12, 1942.

Reg. No. 415,236. Registered July 31, 1945. VULCAN STAMPING AND MFG. CO., INC., Bellwood, Ill., a corporation of Illinois. Republished by registrant.

VULCAN

FOR SHEET METAL SHIPPING CONTAINERS—NAMELY, BARRELS, DRUMS AND PAILS.

Claims use since October 1930.

Reg. No. 432,384. Registered Sept. 2, 1947. THE HINDE & DAUCH PAPER COMPANY, Sandusky, Ohio, a corporation of Ohio. Republished by registrant.

INSULPAK

FOR PAPERBOARD BOXES AND CARTONS FOR SHIPPING SEA FOODS, FRUITS, AND VEGETABLES, AND OTHER PERISHABLE OR FRAGILE MERCHANDISE.

Claims use since Nov. 1, 1945.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 37,409. Registered Dec. 3, 1901. THE WESTERN FELT WORKS, Chicago, Ill. Republished by Western Felt Works, Chicago, Ill., a corporation of Illinois.

RAMSHEAD



FOR WOOL-FELT RUGS, WOOL-FELT SWEAT COLLAR-PADS, WOOL-FELT GIG-HOUSINGS, WOOL-FELT COACH-HOUSINGS, WOOL-FELT EXPRESS HOUSINGS, WOOL-FELT BREAST-COLLAR HOUSINGS, WOOL-FELT TOP COLLAR-PADS, ROLL FELTS, FELT HAT-PADS, AND FELT HEEL PADS, AS WELL AS OTHER ARTICLES MANUFACTURED FROM FELT RELATING TO THE SAME LINE OF TRADE.

Claims use since Jan. 1, 1901.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 98,728. Registered Aug. 4, 1914. THE ALDEN SPEARE'S SONS CO., Cambridge, Mass. Republished by The Exolon Company, Tonawanda, N. Y., a corporation of Massachusetts.

CARBOLON

FOR ABRASIVES IN COMMINUTED FORM.

Claims use since Dec. 23, 1913.

Reg. No. 98,729. Registered Aug. 4, 1914. THE ALDEN SPEARE'S SONS CO., Cambridge, Mass. Republished by The Exolon Company, Tonawanda, N. Y., a corporation of Massachusetts.

EXOLON

FOR ABRASIVES IN COMMINUTED FORM.

Claims use since Jan. 17, 1914.

Reg. No. 117,700. Registered July 24, 1917. JOHN C. NOURSE, Kansas City, Mo. Republished by Nourse Oil Company, Kansas City, Mo., a corporation of Missouri.

NEATSLENE

FOR HARNESS-OIL.

Claims use since 1907.

Reg. No. 135,666. Registered Oct. 19, 1920. THE EXOLON COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Tonawanda, N. Y.

ELECTROGRIT

FOR ABRASIVES IN COMMINUTED FORM.

Claims use since Feb. 21, 1920.

Reg. No. 135,667. Registered Oct. 19, 1920. THE EXOLON COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Tonawanda, N. Y.

CARBOGRIT

FOR ABRASIVES IN COMMINUTED FORM.

Claims use since Feb. 21, 1920.

Reg. No. 137,657. Registered Nov. 30, 1920. JOSEPH A. MENARD, Seattle, Wash. Republished by Timesaver Products Company, Seattle, Wash., a corporation of Washington.

TIMESAVER

FOR GRINDING COMPOUND FOR BEARINGS, AND MACHINE PARTS.

Claims use since Mar. 10, 1919.

Reg. No. 201,255. Registered July 21, 1925. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

BAM

FOR PREPARATION FOR CLEANING EXTERIORLY WALLS, WOODWORK, MARBLE, TILE, SLATE, FLOORS, FURNITURE, METAL WINDOWS, MIRRORS, BOWLS, AND SINKS AND REMOVES DIRT AND DISCOLORATIONS.

Claims use since Dec. 9, 1924.

Reg. No. 302,576. Registered Apr. 25, 1933. QUALITY SOAP MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Topp Oil & Chemical Co., Milwaukee, Wis., a corporation of Wisconsin.

13 UNLUCKY FOR DIRT

FOR HAND SOAPS.

Claims use since on or about July 1932.

Reg. No. 317,117. Registered Sept. 11, 1934. THE HYGIENIC PRODUCTS COMPANY, Canton, Ohio. Republished by American-Marietta Company, Los Angeles, Calif., a corporation of Illinois.

HY-PRO

FOR DETERGENT MATERIAL USED AS A LINEN AND COTTON WASHING FLUID; A CLEANSER AND STAIN REMOVER FOR BATH TUBS, TILING, WASH BASINS, ENAMELLED WARE, REFRIGERATORS, PORCELAIN, CROCKERY, MARBLE, CUT GLASS, WINDOWS, AND GARBAGE CANS; A URINAL, BED PAN, AND SPUTUM CUP WASH, AND A CLEANER FOR KITCHEN SINKS, DRAIN BOARDS, SHELVES, LINOLEUM, AND WOODWORK.
Claims use since April 1933.

Reg. No. 322,617. Registered Mar. 12, 1935. ERNEST K. McCOY, Norfolk, Va. Republished by Glad Rag Products Corporation, New York, N. Y., a corporation of New York.

"GLAD RAG"

No claim is made to the exclusive use of the word "Rag" except in the form and association shown.
FOR CHEMICALLY TREATED AND IMPREGNATED POLISHING CLOTHS.
Claims use since June 26, 1932.

Reg. No. 337,503. Registered Aug. 11, 1936. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for the colors green, black, white, and orange. The representation of the carton and all of the wording except "Mennen" and the name of applicant corporation is disclaimed apart from the mark as shown.
FOR SHAVING CREAM.
Claims use since July 10, 1934.

Reg. No. 342,514. Registered Jan. 19, 1937. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for the colors blue, white, and yellow. The representation of the carton is disclaimed together with all of the wording appearing on the drawing, except, "Mennen" and "The Mennen Company," apart from the mark as shown.
FOR SOAP.
Claims use since Mar. 10, 1929.

Reg. No. 351,041. Registered Oct. 19, 1937. A. M. ALEXANDER, Chicago, Ill. Republished by registrant.

Pronto

FOR HAND CLEANSER IN CREAM OR PASTE FORM.
Claims use since July 1, 1930.

Reg. No. 381,317. Registered Sept. 17, 1940. RECORD SUPPLY CORPORATION, Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

NU-BOWL

FOR TOILET AND WASH BOWL CLEANER.
Claims use since Feb. 1, 1936.

Reg. No. 392,176. Registered Dec. 16, 1941. CHEMICALS, INC., San Francisco and Oakland, Calif., a corporation of California. Republished by registrant.

Vano

FOR HOUSEHOLD CLEANER.
Claims use since June 1, 1940.

CLASS 5

ADHESIVES

Reg. No. 259,285. Registered July 30, 1929. HARRY L. GREENBAUM, doing business as Technical Color and Chemical Works, Brooklyn, N. Y. Republished by Technical Color and Chemical Works, Inc., Brooklyn, N. Y., a corporation of New York.

RED-DEVIL



FOR GLUE.
Claims use since Jan. 15, 1918.

Reg. No. 357,989. Registered June 21, 1938. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MURAMASTIC

FOR ADHESIVE MASTIC.
Claims use since Feb. 3, 1938.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 87,808. Registered Aug. 6, 1912. REED & CARNRICK, Jersey City, N. J., a corporation of New Jersey. Republished by registrant.

RE-ZYME

FOR REMEDY FOR DISEASES OF THE KIDNEYS, COMPRISING THE PRIMARY SUBSTANCE FROM THE CELLS OF THE CORTEX AND THE CONVOLUTED TUBULES OF THE KIDNEYS.
Claims use since July 26, 1911.

Reg. No. 136,514. Registered Nov. 2, 1920. FLORENCE N. LEWIS, New York, N. Y. Republished by Elizabeth Arden Sales Corporation, New York, N. Y., a corporation of Delaware.

VELVA

FOR TOILET CREAM.
Claims use since 1910.

Reg. No. 146,128. Registered Aug. 30, 1921. PARFUMERIE HOUBIGANT, Paris, France, assignor to Houbigant, Inc. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

PARFUM
INCONNU

The word "Parfum" is disclaimed apart from the mark as shown.
FOR PERFUMES, TOILET WATERS, SACHET AND SACHET POWDERS.
Claims use since 1910.

Reg. No. 158,052. Registered Aug. 22, 1922. PARFUMERIE HOUBIGANT, Paris, France, assignor to Houbigant, Inc., New York, N. Y., a corporation of New York. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

MON
BOUDOIR

FOR PERFUMES, TOILET WATER, SACHET, SACHET POWDERS.
Claims use since 1919.

Reg. No. 208,110. Registered Jan. 19, 1926. HARRY LEONARD GREENBAUM, doing business as Technical Works, Brooklyn, N. Y. Republished by Technical Color & Chemical Works, Inc., Brooklyn, N. Y., a corporation of New York.

RED-DEVIL



The drawing is lined for the color red.
FOR OXALIC ACID, BISMARCK BROWN ANILINE, ELECTRIC BULB COLORING, DENATURED ALCOHOL, AND SPRAY PERFUME.
Claims use since May 1917.

Reg. No. 218,007. Registered Sept. 14, 1926. THE F. W. FITCH COMPANY, Des Moines, Iowa, a corporation of Iowa. Republished by registrant.

Ideal

FOR HAIR TONIC.
Claims use since 1893.

Reg. No. 219,784. Registered Oct. 26, 1926. DAVID LAUDERBACK, doing business as Monroe Exterminating Company, not Inc., Chicago, Ill. Republished by Monroe Laboratories, Inc., Chicago, Ill., a corporation of Illinois.

FLY NO MORE

FOR CHEMICAL ANTISEPTIC, INSECTICIDE, GERMICIDE, DISINFECTANT, AND DEODORANT FOR SHEEP, CATTLE, HORSES, AND POULTRY AND FOR HOUSEHOLD PURPOSES.
Claims use since Dec. 1, 1920.

Reg. No. 221,886. Registered Dec. 14, 1926. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

LE PARFUM IDEAL

The words "Le Parfum" are disclaimed apart from the mark as shown.
FOR PERFUME, TOILET WATER, LOTION, EAU VEGETALE, FACE POWDER, SACHETS, DUSTING POWDER, TALCUM POWDER, COMPACT POWDER, COMPACT ROUGE, BATH SALTS, AND BRILLIANTINE.
Claims use since February 1900.

Reg. No. 226,004. Registered Mar. 29, 1927. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.



The words "Le Parfum" are disclaimed apart from the mark as shown.

FOR PERFUME, TOILET WATER, LOTION, EAU VEGETALE, FACE POWDER, SACHETS, DUSTING POWDER, TALCUM POWDER, COMPACT POWDER, COMPACT ROUGE, BATH SALTS AND BRILLIANTINE.

Claims use since February 1900.

Reg. No. 243,916. Registered July 3, 1928. REED & CARNRICK, Jersey City, N. J., a corporation of New Jersey. Republished by registrant.

REED & CARNRICK

FOR MEDICINAL PREPARATIONS—NAMELY, GLANDULAR PRODUCTS FOR USE IN THE TREATMENT OF FUNCTIONAL INDIGESTION, GASTRITIS, DYSPEPSIA, DUODENAL CATARRH, VOMITING OF PREGNANCY, LOSS OF APPETITE, HEARTBURN, GASTRALGIA, NEURASTHENIA, MALNUTRITION, DEBILITY, ACUTE INFECTION, NEPHRITIS, UREMIA, MALFUNCTIONING OR DISFUNCTIONING OF THE OVARIES AND THE TESTICLES AND RELATED GLANDS, CONSTIPATION, INTESTINAL INDIGESTION, POST-OPERATIVE TREATMENT, GALLSTONES, TO RESTORE PANCREATIVE ACTIVITY, RHEUMATISM, GOUT, ALSO GENERAL TONICS, NOSE, EYE, AND THROAT WASHES, ANTISEPTICS, PROPHYLACTICS, AND GERMICIDALS.

Claims use since 1860.

Reg. No. 289,537. Registered Dec. 1, 1931. THE C. B. DOLGE COMPANY INC., Westport, Conn., a corporation of Connecticut. Republished by registrant.

DIWORMA

FOR CHEMICAL PREPARED ESPECIALLY FOR USE ON PUTTING GREENS TO BANISH THE WORM NUISANCE.

Claims use since October 1930.

Reg. No. 300,173. Registered Jan. 10, 1933. NOURSE OIL COMPANY, Kansas City, Kans., a corporation of Missouri. Republished by registrant.

KNOK-EM-KOLD

FOR INSECTICIDES.

Claims use since Sept. 1, 1931.

Reg. No. 313,309. Registered May 22, 1934. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

COCOLOID

FOR SODIUM ALGINATE PRODUCT, TO BE USED IN THE DAIRY TRADE AS A SUSPENDING AGENT FOR COCOA.

Claims use since on or about May 20, 1933.

Reg. No. 316,283. Registered Aug. 21, 1934. BRUNSWIG DRUG COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.



FOR ANTACID POWDER ANTISEPTIC (SOLUTION) ARNICA SALVE, ASTHMA PREPARATION, BABY COUGH SYRUP AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.

Claims use since April 1907.

Reg. No. 316,295. Registered Aug. 21, 1934. THE MARYLAND PHARMACEUTICAL COMPANY, Baltimore, Md., a corporation of Maryland. Republished by registrant.

REL

FOR HEAD COLD JELLY.

Claims use since Apr. 23, 1934.

Reg. No. 321,597. Registered Feb. 5, 1935. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

DARILOID

FOR ALGINATE PRODUCT TO BE USED IN THE DAIRY TRADE AS A STABILIZER IN ICE CREAM, CHOCOLATE MILK, AND OTHER DAIRY PRODUCTS.

Claims use since on or about Aug. 28, 1934.

Reg. No. 325,356. Registered June 18, 1935. MERCHANTS SERVICE CORPORATION, Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

NU-DRAIN

FOR DRAIN PIPE SOLVENT.

Claims use since Jan. 11, 1935.

Reg. No. 333,358. Registered Mar. 17, 1936. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELTEX

FOR ALGINATE PRODUCT TO BE USED AS A COLLOID PARTICULARLY IN THE TEXTILE TRADE AND OTHER COLLOID USES SUCH AS IN PRINTING PASTES AND IN BOILER COMPOUNDS.

Claims use since on or about Oct. 4, 1935.

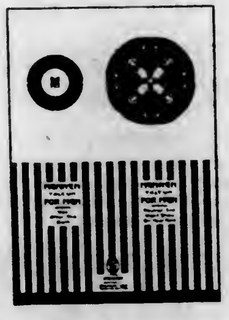
Reg. No. 333,434. Registered Mar. 24, 1936. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Republished by C. J. Bates & Son, Chester, Conn., a firm.

Barbara Bates

FOR NAIL POLISH AND BLEACH, POWDERS, LOTIONS, CREAMS, AND SOFTENERS FOR THE HANDS, FEET, AND FACE, CUTICLE CREAMS.

Claims use since on or about Nov. 5, 1935.

Reg. No. 337,361. Registered Aug. 4, 1936. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for the colors brown, cream, red, and black. The representation of the can and all of the wording except "Mennen" and "The Mennen Company" are disclaimed apart from the mark as shown.

FOR TALCUM POWDER.

Claims use since Mar. 13, 1922.

Reg. No. 337,749. Registered Aug. 18, 1936. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for the colors blue, white and yellow. The representation of the can is disclaimed together with all of the wording as shown in the drawing except the word "Mennen" and "The Mennen Company."

FOR TALCUM POWDER.

Claims use since Oct. 6, 1933.

Reg. No. 343,923. Registered Mar. 9, 1937. PAPER MAKERS CHEMICAL CORPORATION, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

CONCENTAL

FOR HIGHLY CONCENTRATED SULPHONATED TALLOW FOR USE AS A FOAM KILLER AND AS A SOFTENER AND FINISHER IN TEXTILE MANUFACTURING.

Claims use since Dec. 20, 1934.

Reg. No. 343,924. Registered Mar. 9, 1937. PAPER MAKERS CHEMICAL CORPORATION, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

ULTROIL

FOR SULPHONATED CASTOR OIL.

Claims use since Apr. 1, 1930.

Reg. No. 355,912. Registered Apr. 5, 1938. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

Mellol

FOR OIL BASE TEXTILE FINISHING AGENT.

Claims use since Aug. 17, 1937.

Reg. No. 356,328. Registered Apr. 26, 1938. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

CLARINOL

FOR CHEMICAL TEXTILE FINISHER.
Claims use since June 9, 1933.

Reg. No. 356,746. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

R P G

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since November 1932.

Reg. No. 356,747. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

SYNTHRAPOL

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since November 1934.

Reg. No. 356,748. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

SYNTHAROL

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since 1933.

Reg. No. 356,749. Registered May 10, 1938. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

SYNTHRAVON

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since 1934.

Reg. No. 362,444. Registered Nov. 15, 1938. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

BESTOWAX

FOR EMULSIFIED COMBINATION OF WAXES AND FATS FOR TEXTILE FINISHING.
Claims use since Apr. 9, 1938.

Reg. No. 362,445. Registered Nov. 15, 1938. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

TALCON

FOR SULFONATED HIGH TITRE FATS USED IN THE FINISHING OF TEXTILES.
Claims use since Mar. 22, 1937.

Reg. No. 362,446. Registered Nov. 15, 1938. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

TRAMOLIN

FOR TREATED VEGETABLE OIL USED IN TEXTILE FINISHING.
Claims use since Apr. 9, 1938.

Reg. No. 363,180. Registered Dec. 13, 1938. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

GLACHIN FINISH

The word "Finish" is disclaimed apart from the mark as shown.
FOR EMULSIFIED VEGETABLE WAXES AND FATS FOR TEXTILE FINISHING.
Claims use since Apr. 9, 1938.

Reg. No. 366,190. Registered Apr. 4, 1939. NATIONAL INSTITUTE OF NUTRITION, Los Angeles, Calif. Republished by Nion Corporation, Los Angeles, Calif., a corporation of California.

nion

FOR VITAMIN CONCENTRATE IN SYRUP AND TABLET FORM TO BE USED IN THE TREATMENT OF VITAMIN B DEFICIENCY.
Claims use since Aug. 1, 1938.

Reg. No. 368,586. Registered June 27, 1939. HERCULES POWDER COMPANY, Wilmington, Del. Republished by Arnold, Hoffman & Co. Incorporated, Providence, R. I., a corporation of Rhode Island.

PENETREX

The lining in the drawing is for shading only.
FOR OIL USED AS A DYEING ASSISTANT AND PENETRANT IN THE DYEING OF TEXTILES.
Claims use since Oct. 29, 1937.

Reg. No. 379,460. Registered July 9, 1940. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

RESYNON

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Feb. 19, 1940.

Reg. No. 382,136. Registered Oct. 15, 1940. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELGUM

FOR ALGINATE PRODUCT FOR USE AS A HYDROPHILIC COLLOID IN ALL INDUSTRIAL APPLICATIONS SUCH AS IN BOILER COMPOUNDS, WATER PAINTS, CEMENT, DRILLING MUDS OR THE LIKE.
Claims use since on or about Apr. 11, 1940.

Reg. No. 384,840. Registered Feb. 4, 1941. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOBOND

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Mar. 29, 1940.

Reg. No. 387,088. Registered June 10, 1941. DESOTO CHEMICAL COMPANY, Arcadia, Fla., a corporation of Florida. Republished by registrant.

GATOR
ROACH HIVES

The word "Roach" is disclaimed apart from the mark as shown.
FOR PREPARATION TO BE USED FOR THE EXTERMINATION OF ROACHES, SILVERFISH, WATERBUGS, AND CRICKETS.
Claims use since 1925.

Reg. No. 389,031. Registered July 22, 1941. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOPRINT

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Jan. 30, 1941.

Reg. No. 393,451. Registered Feb. 17, 1942. CHLORINE SOLUTIONS, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.



FOR BLEACHING FLUID.
Claims use since May 1, 1930.

Reg. No. 402,576. Registered Aug. 3, 1943. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y., a corporation of New York. Republished by registrant, present location Tuckahoe, N. Y.

BURROUGHS WELLCOME & CO. (U.S.A.) INC.

FOR ACETOPHENETIDIN; ACETYLCHOLINE BROMIDE; ACETYLSALICYLIC ACID; METHANOL, PURE METHYL, ALCOHOL AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since 1884.

Reg. No. 402,974. Registered Aug. 24, 1943. KING MANUFACTURING COMPANY, St. Louis, Mo. Republished by Adolph N. Gaebler, doing business as King Manufacturing Co.

HEADINE

FOR MEDICINAL PREPARATION USED FOR THE RELIEF OF HEADACHE, NEURALGIA, FEVER, PAIN, AND INFLUENZA.
Claims use since 1889.

Reg. No. 406,163. Registered Mar. 14, 1944. PARFUMS WEIL PARIS CO., New York, N. Y., a limited partnership. Republished by registrant.

Grigri

FOR PERFUMES.
Claims use since Sept. 13, 1943.

Reg. No. 406,957. Registered May 9, 1944. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOFIX

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Oct. 29, 1942.

Reg. No. 406,938. Registered May 9, 1944. ARNOLD, HOFFMAN & Co. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AHCOWET

FOR CHEMICAL PRODUCTS FOR USE IN PROCESSING TEXTILES.
Claims use since Sept. 4, 1942.

Reg. No. 411,986. Registered Feb. 13, 1945. MARTHA BAKER, Burlingame, Calif., a firm. Republished by registrant, present location Santa Rosa, Calif.

Essence Conversation

The word "Essence" is disclaimed apart from the mark as shown.
FOR TOILET WATERS.
Claims use since Oct. 1, 1938.

Reg. No. 412,692. Registered Mar. 20, 1945. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELCOLOID

FOR ALGIN COMPOUND, FOR USE AS A HYDROPHILIC COLLOID POSSESSING STABILIZING, BODYING, FILM-FORMING, SUSPENDING, EMULSIFYING, AND WATER-HOLDING PROPERTIES IN COSMETIC AND PHARMACEUTICAL PREPARATIONS SUCH AS MINERAL OIL AND OTHER EMULSIONS, DENTIFRICES, JELLIES, SUSPENSIONS, OINTMENTS, CREAMS, AND LOTIONS; TEXTILE PRINT PASTES; POLISHES; ADHESIVES; AND IN OTHER INDUSTRIAL FIELDS.
Claims use since March 1930.

Reg. No. 430,278. Registered June 10, 1947. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.

ALAIR

FOR HAIR DRESSING.
Claims use since Apr. 3, 1945.

Reg. No. 430,279. Registered June 10, 1947. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.

HEAD UP

FOR HAIR DRESSING.
Claims use since Apr. 3, 1946.

Reg. No. 430,364. Registered June 10, 1947. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

SUPERLOID

FOR ALGIN PRODUCT FOR USE AS A HYDROPHILIC COLLOID POSSESSING CREAMING, STABILIZING, BODYING, BLOCKING, SUSPENDING AND EMULSIFYING PROPERTIES IN NATURAL AND SYNTHETIC LATICES AND THEIR COMPOSITIONS, CERAMIC BODIES, ADHESIVES, TEXTILE SIZE AND PRINT PASTES, PAPER COATINGS, FIRE RETARDING AND MOLD PROOFING COMPOSITIONS, LEATHER FINISHES, BOILER COMPOUNDS, RESIN EMULSIONS, POLISHES, SEPARATING AND ANTISTICK COMPOSITIONS AND IN OTHER INDUSTRIAL FIELDS.
Claims use since Dec. 26, 1933.

Reg. No. 430,991. Registered July 1, 1947. ARNOLD, HOFFMAN & Co. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.



The drawing is lined to indicate the color red.
FOR CHEMICAL TO BE ADDED TO FIRE FIGHTING LIQUID TO LOWER ITS SURFACE TENSION.
Claims use since Mar. 28, 1946.

Reg. No. 431,927. Registered Aug. 12, 1947. ARNOLD, HOFFMAN & Co. INCORPORATED, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

ACETYLON

FOR COLORING PRODUCTS FOR NATURAL FIBERS, ACETATE, AND SYNTHETIC FIBERS.
Claims use since Apr. 30, 1946.

Reg. No. 431,942. Registered Aug. 12, 1947. THE HUBINGER COMPANY, Keokuk, Iowa, a corporation of Iowa. Republished by registrant.

ELECTRIC



The drawing is lined for shading only.
FOR POWDERED LAUNDRY STARCH.
Claims use since Sept. 4, 1886.

Reg. No. 432,867. Registered Sept. 16, 1947. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

MONOPLEX

FOR SYNTHETIC ORGANIC CHEMICALS SUITABLE FOR USE AS SOFTENERS, MODIFIERS, ELASTICATORS, AND PLASTICIZERS OF RESINOUS AND/OR RUBBERY MATERIALS.
Claims use since July 17, 1946.

CLASS 10

FERTILIZERS

Reg. No. 67,408. Registered Feb. 4, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.

POWHATAN

FOR FERTILIZERS.
Claims use since 1885.

Reg. No. 67,682. Registered Feb. 11, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.



The mark is colored red.
FOR FERTILIZERS.
Claims use since prior to 1898.

Reg. No. 68,321. Registered Mar. 31, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.



FOR FERTILIZERS.
Claims use since 1890.

Reg. No. 69,051. Registered May 19, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.



The mark is colored red.
FOR FERTILIZERS.
Claims use since 1898.

Reg. No. 69,246. Registered May 26, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.

LITTLE GIANT

FOR FERTILIZERS.
Claims use since 1894.

Reg. No. 69,764. Registered July 7, 1908. VIRGINIA-CAROLINA CHEMICAL COMPANY, Jersey City, N. J., Richmond and Norfolk, Va., Charleston, S. C., and elsewhere. Republished by Virginia-Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia.

PROLIFIC COTTON GROWER

FOR FERTILIZERS.
Claims use since 1882.

Reg. No. 240,880. Registered Apr. 10, 1928. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va., a corporation of Virginia. Republished by registrant.

BRIGHT LEAF

FOR FERTILIZERS.
Claims use since 1895.

Reg. No. 240,881. Registered Apr. 10, 1928. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va., a corporation of Virginia. Republished by registrant.

GOLD LEAF

FOR FERTILIZERS.
Claims use since 1903.

Reg. No. 240,899. Registered Apr. 10, 1928. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va., a corporation of Virginia. Republished by registrant.

V-C FAIRWAY



FOR FERTILIZERS.
Claims use since April 1927.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 204,636. Registered Oct. 20, 1925. STREATOR BRICK COMPANY, Streator, Ill., a corporation of Illinois. Republished by registrant.



FOR BRICKS.
Claims use since Apr. 25, 1925.

Reg. No. 212,068. Registered Apr. 27, 1926. STREATOR BRICK COMPANY, Streator, Ill., a corporation of Illinois. Republished by registrant.

Shaletex

FOR BRICKS.
Claims use since December 1920.

Reg. No. 224,926. Registered Mar. 8, 1927. COLD SPRING GRANITE COMPANY, Cold Spring, Minn., a corporation of Minnesota. Republished by registrant.

RAINBOW

FOR CUT GRANITE.
Claims use since July 1, 1925.

Reg. No. 266,875. Registered Feb. 4, 1930. UNITED STATES REFRACTORIES CORPORATION, Mount Union, Pa. Republished by North American Refractories Company, Cleveland, Ohio, a corporation of Delaware.

MTU

FOR BRICK.
Claims use since Aug. 1, 1912.

Reg. No. 330,064. Registered Nov. 19, 1935. BOETTCHER & KELLOGG CO., Evansville, Ind., a corporation of Indiana. Republished by registrant.



FOR ASPHALT ROLL, ROOFING AND SHINGLES AND ROOF COATING.
Claims use since July 3, 1935.

Reg. No. 368,971. Registered July 11, 1939. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MURAGLAS

FOR COLORED GLASS TILES.
Claims use since Feb. 3, 1938.

Reg. No. 383,785. Registered Dec. 24, 1940. ILLINOIS LUMBER MANUFACTURING COMPANY, Cairo, Ill., a corporation of Illinois. Republished by registrant.

Stylecraft HOMES

The word "Homes" is disclaimed apart from the mark as shown.
FOR PREFABRICATED HOUSES AND PARTS THEREOF.
Claims use since Apr. 20, 1940.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 232,585. Registered Sept. 13, 1927. FOOTE, PIERSON & COMPANY, INC., New York, N. Y. Republished by The Bassick Company, Bridgeport, Conn., a corporation of Connecticut.

Ncmar

FOR SLIDE CASTERS FOR FURNITURE.
Claims use since about Aug. 1, 1926.

Reg. No. 232,850. Registered Sept. 20, 1927. THE D. T. WILLIAMS VALVE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

VULCO DISC

FOR GLOBE VALVES, ANGLE VALVES, CROSS STOP VALVES, CHECK VALVES, AND Y VALVES OF IRON AND BRASS, AND VALVE DISKS.
Claims use since Mar. 3, 1927.

Reg. No. 280,213. Registered Feb. 10, 1931. THE AMERICAN ART WORKS, INC., Coshocton, Ohio, a corporation of Ohio. Republished by registrant.

Social Supper

FOR SERVING TRAYS OF METAL OTHER THAN PRECIOUS METAL.
Claims use since Apr. 15, 1930.

Reg. No. 401,408. Registered May 18, 1943. NATIONAL TECHNICAL LABORATORIES, South Pasadena, Calif. Republished by Murdock Distributors, Inc., Los Angeles, Calif., a corporation of California.

STERIMATIC

FOR AUTOMATIC GERMICIDE MIXERS AND DISPENSERS FOR USE IN DISH AND SIMILAR STERILIZING.
Claims use since Aug. 22, 1939.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 231,845. Registered Aug. 30, 1927. SHEET ALUMINUM CORPORATION, Jackson, Mich., a corporation of Michigan. Republished by registrant.

HYBLUM

FOR PURE AND ALLOYED ALUMINUM SHEETS, BARS, BLOCKS, RAILS, AND ROLLED, CAST OR PRESSED SHAPES.
Claims use since Oct. 1, 1926.

Reg. No. 374,457. Registered Jan. 9, 1940. LITTLE BROTHERS FOUNDRY COMPANY, Port Huron, Mich. Republished by Littite Foundries, Inc., Port Huron, Mich., a corporation of Michigan.



The words "Alloy Iron" are disclaimed apart from the mark as shown.
FOR IRON ALLOY CASTINGS.
Claims use since June 1, 1936.

CLASS 15

OILS AND GREASES

Reg. No. 138,843. Registered Jan. 11, 1921. NOURSE OIL COMPANY, Rosedale, Kans., and Kansas City, Mo., a corporation of Missouri. Republished by registrant.



The word "Brands" is disclaimed apart from the mark shown.
FOR LUBRICATING OILS.
Claims use since Jan. 1, 1915.

Reg. No. 294,290. Registered May 24, 1932. THE R. J. BROWN COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR LUBRICATING OILS AND GREASES AND KEROSENE AND GASOLINE.
Claims use since Apr. 21, 1931.

Reg. No. 296,342. Registered Aug. 2, 1932. THE R. J. BROWN COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR LUBRICATING OILS AND GREASES AND KEROSENE AND GASOLINE.
Claims use since May 15, 1931.

Reg. No. 331,162. Registered Dec. 31, 1935. PATE OIL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

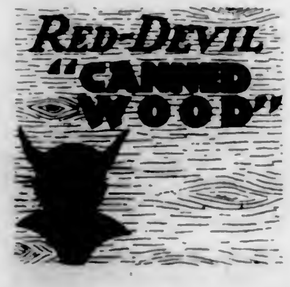


The words "The Shifty Gear Lubricant" are disclaimed apart from the mark as shown.
FOR LUBRICATING OILS AND GREASES.
Claims use since Apr. 10, 1933.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 247,505. Registered Sept. 25, 1928. HARRY L. GREENBAUM, doing business as Technical Color and Chemical Works, New York, N. Y. Republished by Technical Color & Chemical Works, Inc., Brooklyn, N. Y., a corporation of New York.



No registration rights are claimed for the words "Canned Wood."
FOR PLASTIC MATERIAL SIMILAR TO PUTTY WHICH HARDENS ON EXPOSURE TO THE AIR, GIVING A SURFACE AND BODY JUST LIKE WOOD.
Claims use since Jan. 6, 1927.

Reg. No. 423,947. Registered Sept. 17, 1946. FRANK B. NOBREGA, Kansas City, Mo. Republished by registrant.

Glo-Cen

FOR SURFACE POLISHING WAX FOR SURFACE TREATING BATTLESHIP LINOLEUM, INLAID LINOLEUM, TILE TERRAZO, ASPHALT TILE, RUBBER FINISHED SURFACES, SOFT AND HARD MASTIC SURFACES AND PAINTED AND SEALED SURFACES SAID WAX BEING SUCH AS TO PRODUCE A LASTING GLOSSY SURFACE IN A FEW MINUTES AFTER IT IS APPLIED TO THE SURFACE.
Claim suse since Apr. 16, 1945.

CLASS 19

VEHICLES

Reg. No. 86,242. Registered Apr. 23, 1912. ADOLPH SAURER, Arbon, Switzerland. Republished by Societe Anonyme Adolphe Saurer, Arbon, Switzerland, a corporation of the Commonwealth of Switzerland.



FOR AUTOMOBILES, AUTOMOBILE WHEELS, RADIATORS, CHASSIS, BODIES, TRANSMISSION-GEARING AND MOTOR-BOATS.
Claims use since May 1, 1910.

Reg. No. 396,467. Registered July 21, 1942. BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant, present location Elyria, Ohio.



The words "Air Brakes" are disclaimed apart from the mark as shown.
FOR AUTOMOTIVE VEHICLE BRAKING UNITS COMPRISING BRAKE CHAMBERS OF THE DIFFERENTIAL AIR PRESSURE TYPE, BRAKE CONTROL VALVES, AIR COMPRESSORS, AIR PRESSURE RESERVOIRS AND BRAKE SLACK ADJUSTERS.
Claims use since Nov. 6, 1940.

Reg. No. 396,581. Registered July 28, 1942. RAY R. BIRCH, East Liverpool, Ohio. Republished by registrant.

HERE 'TIS

FOR AUTOMOBILES AND ACCESSORIES—NAMELY, AUTOMOBILE HEATERS UTILIZING HEAT FROM ENGINE, SEAT COVERS, BUMPER GUARDS, WINDSHIELD WIPERS, STEERING WHEELS, HUB CAPS, REAR VIEW MIRRORS, RADIATOR CAPS, AND RADIATOR ORNAMENTS.
Claims use since June 1, 1941.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 106,297. Registered Oct. 19, 1915. CENTRAL TUBE COMPANY, Pittsburgh, Pa. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.



FOR ELECTRIC-CONDUIT PIPE.
Claims use since April 1, 1912.

Reg. No. 242,106. Registered May 15, 1928. NATIONAL LEAD BATTERY CO., St. Paul, Minn. Republished by National Battery Company, St. Paul, Minn., a corporation of Delaware.

NATIONAL

FOR BATTERIES.
Claims use since December 1918.

Reg. No. 243,883. Registered July 3, 1928. GOULD STORAGE BATTERY CO., INC., Depew, N. Y. Republished by National Battery Company, St. Paul, Minn., a corporation of Delaware.

KATHANODE

FOR STORAGE BATTERIES AND PARTS THEREOF.
Claims use since Aug. 24, 1927.

Reg. No. 379,691. Registered July 23, 1940. SPEER CARBON COMPANY, Saint Marys, Pa., a corporation of Pennsylvania. Republished by registrant.

SPEER MULTIFLEX

FOR CARBON BRUSHES.
Claims use since on or about Sept. 20, 1938.

Reg. No. 379,692. Registered July 23, 1940. SPEER CARBON COMPANY, Saint Marys, Pa., a corporation of Pennsylvania. Republished by registrant.

SPEER TRANSERT

FOR CARBON BRUSHES.
Claims use since on or about Sept. 20, 1938.

Reg. No. 414,105. Registered May 29, 1945. GENERAL CONTROL COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant, present location, Brighton, Mass.



FOR CAM LEVER SWITCHES, MANUALLY OPERATED FOOT SWITCHES, ROTARY SWITCHES, TRANSFORMERS, TIME DELAY SWITCHES AND SPECIAL ELECTROMECHANICAL AND ELECTRONIC CONTROL DEVICES—NAMELY, TIME-CONTROLLED MECHANISM FOR CONTROLLING THE SEQUENCE OF OPERATION OF MACHINE TOOLS.
Claims use since Mar. 1, 1935.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 123,032. Registered Oct. 8, 1918. ESSANAR COMPANY, INC., New York, N. Y. Republished by Selchow & Righter Company, Brooklyn, N. Y., a corporation of New York.

A Royal Game of India

FOR BOARD AND COUNTER GAMES.
Claims use since 1869.

Reg. No. 123,033. Registered Oct. 8, 1918. ESSANAR COMPANY, INC., New York, N. Y. Republished by Selchow & Righter Company, Brooklyn, N. Y., a corporation of New York.

PARCHEESI

FOR BOARD AND COUNTER GAMES.
Claims use since 1869.

Reg. No. 201,300. Registered July 21, 1925. SELCHOW & RIGHTER COMPANY, New York, N. Y. Republished by Selchow & Righter Company (1939), Buffalo, N. Y., a corporation of New York.

SLICED

FOR GAMES OF A PICTURE-PUZZLE TYPE.
Claims use since Dec. 1, 1875.

Reg. No. 266,816. Registered Feb. 4, 1930. WM. FILENE'S SONS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Filene's

FOR IMPLEMENTS, APPARATUS, AND ARTICLES USED IN TENNIS, GOLF, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Jan. 1, 1928.

Reg. No. 428,116. Registered Mar. 11, 1947. SIMON MATTRESS MANUFACTURING CO., San Francisco, Calif., a corporation of California. Republished by registrant.

simon pure

FOR SLEEPING BAGS IN THE NATURE OF BEDS.
Claims use since February 1930.

Reg. No. 432,127. Registered Aug. 19, 1947. ELEANOR F. KLAUBER, doing business as Klauber Novelty Co., Chicago, Ill. Republished by registrant.

ROYAL KENO

The word "Keno" is disclaimed apart from the mark as shown.
FOR CARD GAMES.
Claims use since on or about Aug. 1, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 70,013. Registered July 21, 1908. ADDRESSOGRAPH COMPANY, Chicago, Ill. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

DUPLIGRAPH

FOR PRINTING MACHINES.
Claims use since Apr. 25, 1904.

Reg. No. 86,706. Registered May 28, 1912. JOHN G. HENDERSON, Charlottesville, Va. Republished by Robert H. Henderson, East Orange, N. J.

HENDERSON

FOR BORING MACHINES FOR BORING JOIST FOR ELECTRIC LIGHT WIRING.
Claims use since May 1893.

Reg. No. 87,662. Registered July 30, 1912. ADOLPH SAURER, Arbon, Switzerland. Republished by Societe Anonyme Adolphe Saurer, Arbon, Switzerland, a corporation of the Commonwealth of Switzerland.



FOR EMBROIDERING MACHINES, LACE MACHINES, WEAVING MACHINES AND PARTS THEREOF.
Claims use since May 1, 1910.

Reg. No. 134,160. Registered Aug. 17, 1920. JABEZ BURNS & SONS, New York, N. Y. Republished by Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York.

BURNS

FOR MACHINERY AND PARTS THEREOF FOR TREATING COFFEE, TEA, SPICES, BAKING-POWDER, CEREALS, NUTS, AND COCOA, COMPRISING ROASTERS, COOLERS FOR ROASTED OR HEATED MATERIALS, STONERS, MILLS, SIFTERS, CLEANERS, GRADERS, MIXERS, CONVEYERS, FANS, AND COLLECTORS.
Claims use since 1864.

Reg. No. 138,781. Registered Jan. 11, 1921. JABEZ BURNS & SONS, New York, N. Y. Republished by Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York.

JUBILEE

FOR ROASTERS AND PARTS AND SUPPLIES FOR SAME FOR ROASTING FOOD PRODUCTS, SUCH AS COFFEE, COCOA, PEANUTS, CEREALS, ETC.
Claims use since 1914.

Reg. No. 144,278. Registered June 28, 1921. PATRICK J. SHOUVLIN, Springfield, Ohio. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.

SUPERIOR

FOR INTERNAL-COMBUSTION ENGINES, BOTH PORTABLE AND STATIONARY, AND COMBINED WITH PUMPS, ALSO GAS OR VACUUM PUMPS.
Claims use since 1889.

Reg. No. 174,160. Registered Oct. 9, 1923. JABEZ BURNS & SONS, New York, N. Y. Republished by Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York.

PREMIX

FOR ROASTERS AND PARTS AND SUPPLIES FOR SAME FOR ROASTING FOOD PRODUCTS, SUCH AS COFFEE, COCOA, PEANUTS, CEREALS, ETC.
Claims use since Apr. 26, 1923.

Reg. No. 217,526. Registered Aug. 31, 1926. THE KEMPSMITH MANUFACTURING CO., West Allis, Wis. Republished by The Kempsmith Machine Company, West Allis, Wis., a corporation of Wisconsin.

KEMPSMITH

FOR PLAIN MILLING MACHINES, UNIVERSAL MILLING MACHINES, VERTICAL MILLING MACHINES, HAND MILLING MACHINES, LINCOLN-TYPE MILLING MACHINES, ROTARY MILLING MACHINES, MILLING-MACHINE ATTACHMENTS, MILLING-MACHINE TOOLS AND FIXTURES, MILLING CUTTERS, SPECIAL METAL-WORKING MACHINES EMPLOYING ROTARY CUTTERS, ARBORS, AND METAL-WORKING MACHINE TOOLS.
Claims use since 1888.

Reg. No. 219,918. Registered Oct. 26, 1926. THE KEMPSMITH MANUFACTURING CO., West Allis, Wis. Republished by The Kempsmith Machine Company, West Allis, Wis., a corporation of Wisconsin.

MAXIMILLER

FOR ALL-GEARED PLAIN MILLING MACHINES, ALL-GEARED UNIVERSAL MILLING MACHINES, ALL-GEARED VERTICAL MILLING MACHINES, AND ALL-GEARED ADJUSTABLE-SPINDLE MILLING MACHINES.
Claims use since 1917.

Reg. No. 295,572. Registered July 5, 1932. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

FLOCCULATOR

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR AGITATING APPARATUS.
Claims use since Aug. 31, 1931.

Reg. No. 303,107. Registered May 9, 1933. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

SIFEED

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SEDIMENTATION APPARATUS SUCH AS THICKENERS AND CLARIFIERS.
Claims use since Nov. 10, 1932.

Reg. No. 311,773. Registered Apr. 3, 1934. JABEZ Burns & Sons, Inc., New York, N. Y., a corporation of New York. Republished by registrant.

GRANULET

FOR MACHINES FOR GRINDING AND TREATING COFFEE AND COFFEE CHAFF.
Claims use since Oct. 27, 1933.

Reg. No. 311,946. Registered Apr. 10, 1934. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.

MENNEN



FOR RAZOR BLADES.
Claims use since Aug. 23, 1933.

Reg. No. 315,283. Registered July 24, 1934. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Bond

FOR SPEED-REDUCING GEAR UNITS.
Claims use since Apr. 13, 1933.

Reg. No. 320,017. Registered Dec. 18, 1934. JABEZ BURNS & SONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

THERMALO

FOR MACHINES FOR ROASTING COFFEE; COCOA, PEANUTS, CEREALS, ETC.
Claims use since Aug. 1, 1934.

Reg. No. 323,171. Registered Apr. 2, 1935. JABEZ BURNS & SONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

THERMALO

FOR MACHINES FOR GRINDING, CRACKING, AND OTHERWISE TREATING COFFEE AND CHAFF.
Claims use since Nov. 1, 1934.

Reg. No. 331,471. Registered Jan. 7, 1936. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

CENTREPIER

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SEDIMENTATION APPARATUS SUCH AS THICKENERS AND CLARIFIERS.
Claims use since Aug. 14, 1935.

Reg. No. 332,009. Registered Jan. 28, 1936. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

MONORAKE

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SEDIMENTATION APPARATUS SUCH AS CLARIFIERS AND THICKENERS, ALSO GRIT REMOVAL APPARATUS.
Claims use since July 25, 1934.

Reg. No. 332,938. Registered Mar. 3, 1936. CHICAGO WHEEL & MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Hand-ee

FOR ELECTRICALLY DRIVEN DEVICES FOR GRINDING, POLISHING AND BUFFING THE GENERAL SURFACES OF METAL, WOOD, POTTERY AND OTHER SUBSTANCES.
Claims use since Mar. 1, 1932.

Reg. No. 348,199. Registered July 20, 1937. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

ADKA

FOR APPARATUS FOR THE TREATMENT OF LIQUIDS AND LIQUID-SOLIDS MIXTURES AND MORE PARTICULARLY FOR APPARATUS OR EQUIPMENT FOR THE SEPARATION OF SOLIDS FROM LIQUIDS KNOWN AS SAVEALLS.
Claims use since Mar. 25, 1936.

Reg. No. 356,484. Registered Apr. 26, 1938. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

BIOFILTER

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS IN SEWAGE AND TRADE-WASTE SYSTEMS SUCH AS TRICKLING FILTERS, THICKENERS AND CLARIFIERS AND/OR DIGESTERS.
Claims use since Nov. 20, 1937.

Reg. No. 356,485. Registered Apr. 26, 1938. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

BIOROBIC

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS IN SEWAGE AND TRADE-WASTE SYSTEMS SUCH AS TRICKLING FILTERS, THICKENERS, AND CLARIFIERS AND/OR DIGESTERS.
Claims use since Nov. 20, 1937.

Reg. No. 356,487. Registered Apr. 26, 1938. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

CLARIGESTER

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS IN SEWAGE SYSTEMS SUCH AS THICKENERS AND CLARIFIERS AND/OR DIGESTERS.
Claims use since Nov. 15, 1937.

Reg. No. 357,892. Registered June 21, 1938. UNITED IRON WORKS, Oakland, Calif., a corporation of California. Republished by registrant.



FOR FLUID PUMPS, MINING MACHINERY—NAMELY, ROCK CRUSHERS, ORE MILLS AND HYDRAULIC NOZZLES.
Claims use since 1903.

Reg. No. 363,502. Registered Dec. 27, 1938. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

SQUAREX

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SEDIMENTATION APPARATUS SUCH AS THICKENERS AND CLARIFIERS.
Claims use since July 25, 1938.

Reg. No. 375,846. Registered Mar. 5, 1940. SYNTRON COMPANY, Homer City, Pa., a corporation of Delaware. Republished by registrant.

VIBRA-FLOW

The word "Flow" is disclaimed apart from the mark as shown.
FOR CONVEYORS FOR MOVING POWDERED OR GRANULAR MATERIAL AND SMALL OBJECTS, AND ON FEEDER CONVEYORS, DRY FEEDER MACHINES, WEIGH FEEDER MACHINES WITH TIMED BATCH DISCHARGE AND CONTINUOUS FLOW DISCHARGE, AND GRAVIMETRIC FEEDERS EMPLOYED FOR THE DRY FEEDING OF CHEMICALS OF GRANULAR OR POWDERED MATERIAL IN WATER TREATMENT, SEWAGE DISPOSAL, AND OTHER INDUSTRIAL PROCESSES.
Claims use since on or about Jan. 17, 1937.

Reg. No. 390,978. Registered Oct. 14, 1941. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

CLARIFLOCCULATOR

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR COMBINED AGITATION AND SEDIMENTATION APPARATUS.
Claims use since May 11, 1940.

Reg. No. 395,578. Registered June 2, 1942. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

HYDRO-TREATOR

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR AGITATING AND CLARIFYING APPARATUS.
Claims use since Jan. 2, 1941.

Reg. No. 396,819. Registered Aug. 4, 1942. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

VACUATOR

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR APPARATUS OR EQUIPMENT KNOWN AS THICKENERS OR CLARIFIERS.
Claims use since June 23, 1941.

Reg. No. 400,841. Registered Apr. 6, 1943. MCCAFFREY RUDDOCK TAGLINE CORPORATION, Los Angeles, Calif., a corporation of California. Republished by registrant.

RUD-O-MATIC

FOR SPRING OPERATED MECHANISM FOR CONTROLLING THE OPERATION OF MATERIAL HANDLING EQUIPMENT.
Claims use since June 7, 1938.

Reg. No. 400,878. Registered Apr. 6, 1943. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

MULTDIGESTOR

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SEWAGE SLUDGE TREATING SYSTEMS WHICH INCLUDE APPARATUS OR EQUIPMENT SUCH AS THICKENERS OR CLARIFIERS AND/OR DIGESTERS AS WELL AS TRAY DIGESTORS.
Claims use since Aug. 29, 1942.

Reg. No. 427,423. Registered Feb. 11, 1947. BOND FOUNDRY AND MACHINE COMPANY, Manheim, Pa., a corporation of Pennsylvania. Republished by registrant.

Bond

FOR STEEL BENCH LEGS FOR WORK BENCHES AND WORK TABLES.
Claims use since on or about Nov. 6, 1931.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 205,312. Registered Nov. 3, 1925. SUBMARINE SIGNAL CORPORATION, Wilmington, Del., and Boston, Mass. Republished by Submarine Signal Company, a corporation of Delaware.

FATHOMETER

FOR APPARATUS FOR MEASURING DISTANCES BY REFLECTED SOUND WAVES OR BY SIMILAR ACOUSTIC METHODS AND PARTICULARLY FOR APPARATUS FOR DETERMINING DEPTHS OF WATER AND SOUNDINGS.
Claims use since May 12, 1924.

Reg. No. 286,781. Registered Sept. 1, 1931. JABEZ BURNS & SONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

THERMOMATON

FOR TEMPERATURE INDICATING DEVICES FOR ROASTING MACHINES.
Claims use since Dec. 19, 1930.

Reg. No. 327,675. Registered Sept. 3, 1935. W. F. STANLEY AND COMPANY LIMITED, London, England, a British company. Republished by registrant.

HEZZANITH

FOR SEXTANTS, TELESCOPES, BINOCULAR GLASSES, BAROMETERS, OCTANTS, CHART RULES, CHART DIVIDERS, DRAWING INSTRUMENTS, INCLUDING INSTRUMENTS USED BY MECHANICAL OR SURVEYORS' DRAFTSMEN, AND SUCH INSTRUMENTS AS PLANIMETERS, INTEGRATORS, PANTAGRAPHS, EIDOGRAPHS AND INSTRUMENTS FOR PRODUCING THE PARABOLA, THE HYPERBOLA, CIRCLES AND OTHER CURVES, RULES FOR PRODUCING PARALLEL LINES AND LINES SET AT AN ANGLE, DRAFTING MACHINES, SLIDE RULES, PROTRACTORS, ENGINEERS' AND SURVEYORS' MECHANICAL AND NAVIGATIONAL SCALES, AZIMUTH INSTRUMENTS, LOGS AND LOG LINES, SOUNDING MACHINES, ARTIFICIAL HORIZONS, THERMOMETERS, AND SHIPS' COMPASSES.
Claims use since Nov. 11, 1904.

CLASS 27

HOROLOGICAL INSTRUMENTS

Reg. No. 210,205. Registered Mar. 9, 1926. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

GOLDCRAFT

FOR WATCHCASES.
Claims use since Jan. 12, 1925.

Reg. No. 223,259. Registered Jan. 25, 1927. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PRESIDENT

FOR WATCHES.
Claims use since Sept. 1, 1923.

Reg. No. 265,362. Registered Dec. 24, 1929. WESTFIELD WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Miss Fifth Avenue

FOR WRIST WATCHES.
Claims use since Mar. 14, 1929.

Reg. No. 396,208. Registered June 30, 1942. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

WAR TIME

FOR WATCHES — NAMELY, WRIST OR STRAP WATCHES.
Claims use on or about Feb. 2, 1942.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 99,055. Registered Aug. 11, 1914. KREMENTZ & CO., Newark, N. J. Republished by Krementz & Company, Newark, N. J., a corporation of New Jersey.

KREMENTZ

FOR CUFF BUTTONS, SHIRT STUDS, VEST BUTTONS, AND CUFF LINKS, MADE OF OR PLATED WITH PRECIOUS METAL.
Claims use since 1884.

Reg. No. 214,412. Registered June 22, 1926. BLANCARD & CO., INC., Newark, N. J. Republished by Blancard & Co., Inc., New York, N. Y., a corporation of New York.



FOR FINGER RINGS.
Claims use since July 1, 1925.

Reg. No. 425,945. Registered Dec. 10, 1946. ABE A. FRIEDMAN, Augusta, Ga. Republished by registrant.

Hearts★Desire

FOR DIAMONDS, DIAMOND RINGS, STONE RINGS, WEDDING RINGS, DIAMOND WEDDING RINGS, RING MOUNTINGS, AND WEDDING RING MOUNTINGS.
Claims use since July 1, 1944.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 248,030. Registered Oct. 16, 1928. SPEEDAUMAT ADDRESSING MACHINERY, INCORPORATED, Chicago, Ill. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

Speedaumat

FOR LIST FILING CABINETS, CABINET SECTIONS, AND STANDS.
Claims use since Sept. 30, 1920.

Reg. No. 317,224. Registered Sept. 18, 1934. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

KOPERLAC

FOR MIRRORS.
Claims use since on or about January 1933.

Reg. No. 325,853. Registered July 9, 1935. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SUNGLO

FOR MIRRORS.
Claims use since on or about Feb. 1, 1934.

Reg. No. 377,752. Registered May 14, 1940. BELL MANUFACTURING COMPANY, San Francisco, a co-partnership. Republished by registrant.

WONDER CHAIR

The word "Chair" is disclaimed apart from the mark as shown.
FOR RECLINING CHAIRS AND CONVERTIBLE CHAIR BEDS.
Claims use since Sept. 1, 1938.

Reg. No. 380,120. Registered Aug. 6, 1940. THE LAMSON & SESSIONS COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

SPEED MERCHANT

FOR MERCHANDISING CABINETS.
Claims use since on or about Feb. 10, 1940.

Reg. No. 400,987. Registered Apr. 13, 1943. ALTOONA MATTRESS MFG. COMPANY, INC., Altoona, Pa., a corporation of Pennsylvania. Republished by registrant.

SUNBLEST

FOR MATTRESSES AND BOX SPRINGS.
Claims use since 1928.

Reg. No. 427,074. Registered Jan. 28, 1947. SIMON MATTRESS MANUFACTURING CO., San Francisco, Calif., a corporation of California. Republished by registrant.

simon pure

FOR MATTRESSES, PILLOWS, BOX SPRINGS, AND DUAL-PURPOSE UPHOLSTERED FURNITURE — NAMELY, BED DIVANS, SOFA BEDS, AND STUDIO COUCHES.
Claims use since 1920.

CLASS 33

GLASSWARE

Reg. No. 326,193. Registered July 16, 1935. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR WINDOW GLASS.
Claims use since on or about Oct. 15, 1933.

Reg. No. 357,005. Registered May 24, 1938. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

LOCK BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR SHEET GLASS.
Claims use since on or about July 14, 1935.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 306,963. Registered Oct. 10, 1933. MATCH KING, INC., Chicago, Ill. Republished by Galter Products Co., Chicago, Ill., a corporation of Illinois.

"EVERLASTING MATCH"

FOR LAMPS—NAMELY, POCKET, TABLE AND STAND LAMPS, USING AS A FUEL, PETROLEUM PRODUCTS—NAMELY, BENZINE, NAPHTHA OR GASOLINE.
Claims use since about September 1932.

Reg. No. 428,712. Registered Apr. 1, 1947. THE DORR COMPANY, New York, N. Y., a corporation of Delaware. Republished by registrant.

FLUO SOLIDS

The word "Solids" is disclaimed apart from the mark as shown.
FOR FURNACES OR REACTORS FOR THE TREATMENT OF SOLIDS SUSPENDED IN CASES AND MORE PARTICULARLY WHEREIN A LAYER OF FINE SOLIDS SUCH AS METALLIC ORES, DOLOMITE, LIME-BEARING SLUDGES AND OTHER SUCH MUDS, CARBON BEING ACTIVATED, AND ANY SUCH SOLIDS TO BE SUBJECTED TO ROASTING, OXIDATION, REDUCTION, DECOMPOSITION OR DISSOCIATION AND TO NODULIZATION; IN WHICH LAYER SUCH FINE SOLIDS ARE MAINTAINED IN MOBILE SUSPENSION BY AND IN THE PRESENCE OF UPFLOWING CONTACT GASES PROVIDED FOR EFFECTING A CHEMICAL OR PHYSICAL CHANGE OF THE SOLIDS UNDERGOING TREATMENT.
Claims use since Mar. 1, 1946.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 300,442. Registered Jan. 17, 1933. DARLING VALVE & MANUFACTURING COMPANY, Williamsport, Pa., a corporation of Pennsylvania. Republished by registrant.

DARFLEX

FOR FABRIC CUPS FOR USE IN OIL WELLS.
Claims use since Sept. 16, 1932.

Reg. No. 340,425. Registered Nov. 10, 1936. BOWES "SEAL-FAST" CORPORATION, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

The "Non-Chiseled" Line

FOR AUTOMOTIVE PRODUCTS COMPRISING PORTABLE PATCHING KITS FOR MENDING PNEUMATIC TIRES AND TUBES.
Claims use since on or about Nov. 18, 1933.

Reg. No. 344,377. Registered Mar. 23, 1937. LAMINATED SHIM CO., INC., Long Island City, N. Y. Republished by Laminated Shim Company, Incorporated, Glenbrook, Conn., a corporation of Connecticut.

LAMINUM

FOR SHIMS AND SHIM STOCK.
Claims use since March 1915.

Reg. No. 352,149. Registered Nov. 23, 1937. BOWES "SEAL-FAST" CORPORATION, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

TIRE CANCER

The word "Tire" is disclaimed apart from the mark as shown.
FOR PORTABLE PATCHING KITS FOR MENDING PNEUMATIC TIRES AND TUBES, CONTAINING TUBE PATCHES AND FOR CASING PATCHES.
Claims use since on or about July 10, 1936.

Reg. No. 428,476. Registered Mar. 25, 1947. GEM TIRE & RUBBER CO., Philadelphia, Pa., a firm. Republished by registrant.

GEM

FOR PNEUMATIC TIRES AND INNER TUBES FOR PNEUMATIC TIRES.
Claims use since Oct. 1, 1945.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 396,820. Registered Aug. 4, 1942. KEYSTONE BROADCASTING SYSTEM, INC., Chicago, Ill., a corporation of California. Republished by registrant.

KBS

FOR ELECTRICAL TRANSCRIPTION AND PHONOGRAPH RECORDS.
Claims use since December 1940.

CLASS 37

PAPER AND STATIONERY

Reg. No. 102,939. Registered Mar. 2, 1915. THE EGRY REGISTER COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

SYSTEMS EGRY REGISTER COMPANY

The word "Systems" and "Register Company" are disclaimed apart from the mark as shown.
FOR AUTOGRAPHIC REGISTERS AND MANIFOLDING DEVICES, PARTS THEREOF, AND STATIONERY THEREFOR.
Claims use since August 1912.

Reg. No. 154,885. Registered May 16, 1922. BRITTAINS LIMITED, Township of Cheddleton, England, a British corporation. Republished by registrant, present location Cheddleton, England.



The words "Mill Number, Registered Trade Mark, Paper Label," and "Cheddleton Paper Mills Leek Staffordshire" are disclaimed apart from the mark as shown.
FOR POTTERY TISSUE PRINTING PAPERS, LITHOGRAPHIC PAPERS FOR CERAMIC AND OTHER TRANSFERS, LITHOGRAPHIC SKIN TRANSFER TISSUES, INTERLEAVING CONDENSER TISSUES, EXTRA THIN TINFOIL CONDENSER TISSUES; TISSUES ADAPTED TO BE MADE INTO CARBON PAPER, CIGARETTE PAPERS, STEREOTYPING TISSUES AND COPYING TISSUES.
Claims use since 1890.

Reg. No. 155,207. Registered May 23, 1922. BRITTAINS LIMITED, Cheddleton, England, a British corporation. Republished by registrant.

630

FOR POTTERY TISSUE PRINTING PAPERS, LITHOGRAPHIC PAPERS FOR CERAMIC AND OTHER TRANSFERS, LITHOGRAPHIC SKIN TRANSFER TISSUES, INTERLEAVING CONDENSER TISSUES, EXTRA THIN TINFOIL CONDENSER TISSUES; TISSUES ADAPTED TO BE MADE INTO CARBON PAPER, CIGARETTE PAPERS, STEREOTYPING TISSUES, GLASS TRANSFER TISSUES, AIR-MAIL PAPERS AND COPYING TISSUES.
Claims use since Jan. 1, 1860.

Reg. No. 222,998. Registered Jan. 11, 1927. BRITTAINS LIMITED, Cheddleton, near Leek, England, a corporation organized under the laws of Great Britain. Republished by registrant, present location Cheddleton, England.

ASTRO

FOR TISSUE PAPER GENERALLY, BUT MORE PARTICULARLY THOSE ADAPTED TO BE MADE INTO CARBON PAPER, STEREO-TISSUES AND COPYING TISSUES.
Claims use since April 1926.

Reg. No. 254,333. Registered Mar. 19, 1929. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

Paraleen

FOR WAXED PAPER.
Claims use since May 31, 1928.

Reg. No. 329,140. Registered Oct. 15, 1935. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

TWILMARK

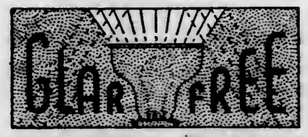
FOR BOOK AND COVER PAPERS.
Claims use since June 1, 1935.

Reg. No. 331,411. Registered Jan. 7, 1936. PENINSULAR PAPER COMPANY, Ypsilanti, Mich., a corporation of Michigan. Republished by registrant.

Patrician Cover

The word "Cover" is disclaimed apart from the mark as shown.
FOR COVER PAPERS AND BOOK PAPERS.
Claims use since July 1, 1915.

Reg. No. 347,304. Registered June 22, 1937. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.



The drawing is lined for shading only. The notation "Glar-Free" is disclaimed apart from the mark as shown.
FOR PAPER USED IN CERTAIN BOOKS OF ACCOUNT AND OTHER BOOKS PRINTED BY APPLICANT.
Claims use since Dec. 22, 1936.

Reg. No. 390,844. Registered Oct. 7, 1941. W. A. SHAEFFER PEN COMPANY, Fort Madison, Iowa, a corporation of Delaware. Republished by registrant.

STRATOWRITER

FOR FOUNTAIN PENS.
Claims use since May 2, 1941.

Reg. No. 392,085. Registered Dec. 9, 1941. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

CurtiseeMailer

The word "Mailer" is disclaimed apart from the mark shown.
FOR CORRESPONDENCE AND MAILING ENVELOPES.
Claims use since Jan. 20, 1941.

Reg. No. 401,530. Registered May 25, 1943. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.



The word "Curtis" is disclaimed apart from the mark as shown.
FOR CORRESPONDENCE AND MAILING ENVELOPES..
Claims use since June 25, 1942.

Reg. No. 402,963. Registered Aug. 24, 1943. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Visulope

FOR TRANSPARENT PROTECTING ENVELOPES.
Claims use since Mar. 19, 1943.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 247,235. Registered Sept. 25, 1928. JABEZ BURNS & SONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Well, What's New?

FOR HOUSE ORGAN PUBLISHED PERIODICALLY—OR FROM TIME TO TIME.
Claims use since Feb. 2, 1926.

Reg. No. 272,213. Registered July 1, 1930. RICHARD H. PORTER, Chicago, Ill. Republished by registrant.

THE SAFE FOREMAN

FOR PERIODICAL PUBLISHED MONTHLY.
Claims use since Feb. 1, 1930.

Reg. No. 319,018. Registered Nov. 13, 1934. NEW YORK THEATER PROGRAM CORPORATION, New York, N. Y. Republished by Playbill, Incorporated, New York, N. Y., a corporation of New York.

THE PLAYBILL

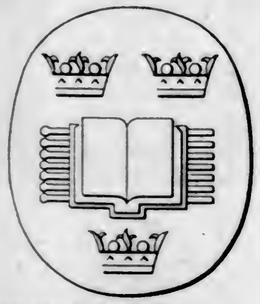
FOR PRINTED PERIODICAL PUBLISHED WEEKLY AND AT OTHER INTERVALS.
Claims use since on or about July 6, 1934.

Reg. No. 327,967. Registered Sept. 10, 1935. AMERICAN SOCIETY OF TOOL ENGINEERS, INC., Detroit, Mich., a non-profit corporation of Michigan. Republished by registrant.

The
Tool Engineer

FOR PERIODICAL PUBLICATION.
Claims use since Feb. 7, 1935.

Reg. No. 432,593. Registered Sept. 9, 1947. OXFORD UNIVERSITY PRESS, NEW YORK, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR BOOKS AND PAMPHLETS.
Claims use since Nov. 8, 1945.

CLASS 39

CLOTHING

Reg. No. 63,468. Registered June 25, 1907. ENDICOTT-JOHNSON COMPANY, Endicott, N. Y. Republished by Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York.

HOOF TO FOOT

FOR BOOTS AND SHOES OF LEATHER.
Claims use since Feb. 6, 1907.

Reg. No. 66,702. Registered Dec. 24, 1907. PARAMOUNT KNITTING CO., Chicago, Ill. Republished by Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois.

YOUNG AMERICA

FOR HOSIERY.
Claims use since Jan. 15, 1903.

Reg. No. 143,053. Registered May 24, 1921. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The drawing is lined for red.
FOR MEN'S, LADIES', BOYS', AND CHILDREN'S FABRIC GLOVES AND MITTENS.
Claims use since Sept. 13, 1920.

Reg. No. 159,012. Registered Sept. 19, 1922. LA CROSSE RUBBER MILLS CO., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.



The words "La Crosse, Wis. U. S. A." are disclaimed apart from the mark as shown.
FOR RUBBER SHOES—COMMONLY CALLED OVERSHOES.
Claims use since Sept. 1, 1921.

Reg. No. 179,999. Registered Feb. 19, 1924. LA CROSSE RUBBER MILLS CO., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.

BADGER
RUBBER MILLS CO.
LACROSSE, WIS. U.S.A.

The words "La Crosse, Wis. U. S. A." are disclaimed apart from the mark as shown.
FOR RUBBER BOOTS AND SHOES.
Claims use since July 1921.

Reg. No. 197,770. Registered Apr. 21, 1925. SHREVE & ADAMS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SANDA
HOSIERY



The word "Hosiery" is disclaimed apart from the mark as shown.
FOR HOSIERY FOR MEN, WOMEN, AND CHILDREN, MADE OF COTTON, WOOL, SILK AND ARTIFICIAL SILK.
Claims use since July 1, 1924.

Reg. No. 200,394. Registered June 30, 1925. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



FOR FABRIC AND COMBINATION FABRIC AND LEATHER GLOVES.
Claims use since January 1924.

Reg. No. 219,164. Registered Oct. 12, 1926. WELLS-LAMONT MANUFACTURING CO., Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BROWN TOP

FOR KNITTED AND WOVEN FABRIC GLOVES WITH OR WITHOUT LEATHER FACING.
Claims use since May 5, 1926.

Reg. No. 219,165. Registered Oct. 12, 1926. WELLS-LAMONT MANUFACTURING CO., Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BLUE TOP

FOR KNITTED AND WOVEN FABRIC GLOVES WITH OR WITHOUT LEATHER FACING.
Claims use since Oct. 24, 1924.

Reg. No. 219,876. Registered Oct. 26, 1926. WELLS-LAMONT MANUFACTURING CO., Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



FOR KNITTED AND WOVEN FABRIC GLOVES WITH OR WITHOUT LEATHER FACING.
Claims use since Apr. 1, 1925.

Reg. No. 221,478. Registered Nov. 30, 1926. WELLS-LAMONT MANUFACTURING CO., Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

THE OVERALL GLOVE

The word "Glove" is disclaimed apart from the mark as shown.
FOR KNITTED AND WOVEN FABRIC GLOVES WITH OR WITHOUT LEATHER FACING.
Claims use since July 17, 1926.

Reg. No. 223,550. Registered Feb. 8, 1927. BURSON KNITTING COMPANY, Rockford, Ill. Republished by registrant.

COMFORTFOOT

FOR HOSIERY.
Claims use since July 1925.

Reg. No. 225,658. Registered Mar. 22, 1927. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

GOLDEN FLEECE

FOR CANVAS WORK GLOVES.
Claims use since January 1925.

Reg. No. 235,568. Registered Nov. 22, 1927. UNITED STATES RUBBER COMPANY, New Brunswick, N. J., and New York, N. Y., a corporation of New Jersey. Republished by registrant, present location New York, N. Y.

SO-LITE

FOR BOOTS AND SHOES OF RUBBER OR RUBBER AND FABRIC.
Claims use since 1905.

Reg. No. 237,798. Registered Jan. 17, 1928. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

ROYAL PALM

FOR GLOVES MADE OF CANTON FLANNEL AND LEATHER.
Claims use since June 1925.

Reg. No. 237,829. Registered Jan. 17, 1928. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

EXCELWEAR

FOR HOSIERY OF THE TYPE KNOWN AS "SECONDS" AND "IRREGULARS."
Claims use since Jan. 24, 1926.

Reg. No. 248,837. Registered Oct. 30, 1928. MASSACHUSETTS KNITTING MILLS, Boston, Mass. Republished by M. K. M. Hosiery Mills, Inc., Boston, Mass., a corporation of Massachusetts.

Firefly

FOR HOSIERY.
Claims use since Mar. 1, 1928.

Reg. No. 252,292. Registered Jan. 29, 1929. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

SUN SOX

The word "Sox" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since Aug. 17, 1928.

Reg. No. 254,884. Registered Apr. 2, 1929. H. R. H. SILK HOSIERY MILLS, INC., Moberly, Mo., a corporation of Missouri. Republished by registrant.

HRH

HER ROYAL HIGHNESS

FOR HOSIERY.
Claims use since January 1928.

Reg. No. 259,503. Registered July 30, 1929. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR MEN'S CLOTHING—NAMELY, COATS, VESTS, TROUSERS, KNICKERS, OFFICE COATS, AND HATS; AND MEN'S, WOMEN'S AND CHILDREN'S SHOES OF LEATHER, CANVAS, SILK, AND COMBINATIONS THEREOF.
Claims use since January 1919.

Reg. No. 259,774. Registered Aug. 6, 1929. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

BOBBY J

FOR HOSIERY.
Claims use since Mar. 21, 1929.

Reg. No. 262,695. Registered Oct. 22, 1929. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CLASSMATES

FOR HOSIERY.
Claims use since Nov. 15, 1928.

Reg. No. 276,258. Registered Oct. 14, 1930. BEAR BRAND HOSIERY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

ST. ANDREWS

FOR HOSIERY.
Claims use since May 18, 1929.

Reg. No. 276,502. Registered Oct. 21, 1930. WOOLRICH WOOLEN MILLS, Woolrich, Pa., a corporation of Pennsylvania. Republished by registrant.

Woolrich

The word "Woolrich" is disclaimed apart from the mark as shown.
FOR CAPS AND HATS FOR MEN, WOMEN, AND CHILDREN; LEATHER GLOVES AND FABRIC GLOVES; MEN'S KNICKERS, TROUSERS, REEFERS, BATH ROBES, VESTS; WOMEN'S DRESSES, SKIRTS FOR OUTER WEAR, BLOUSES, SHIRT WAISTS, CAPES, AND GOWNS; MEN'S AND WOMEN'S SUITS, OVERCOATS, RAINCOATS, SPORT COATS, AND SPORT SUITS; NECKWEAR, AS FOLLOWS: MUFFLERS, SCARFS, NECKTIES, AND FUR NECK PIECES; FUR COATS, FUR CUFFS, FUR COLLARS, FUR CAPS, FUR MUFFS, AND FUR GLOVES; UNDERWEAR, HUNTING SUITS, AND PAJAMAS MADE OF TEXTILE FABRICS FOR THE USE OF MEN AND WOMEN; OUTER SHIRTS—NAMELY, DRESS, NEGLIGEE, AND WORK SHIRTS WORN BY MEN AND WOMEN; COLLARS, GARTERS, SUSPENDERS, AND BELTS FOR OUTER WEAR; FOOTWEAR, AS FOLLOWS: LEATHER SHOES AND LEATHER PULLMAN SLIPPERS.
Claims use since January 1929.

Reg. No. 279,567. Registered Jan. 20, 1931. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR WOMEN'S SHOES MADE OF LEATHER, RUBBER, CANVAS, AND/OR ANY COMBINATIONS THEREOF.
Claims use since Feb. 1, 1930.

Reg. No. 294,547. Registered May 31, 1932. MASSACHUSETTS KNITTING MILLS, Jamaica Plain, Mass. Republished by M. K. M. Hosiery Mills, Inc., Boston, Mass., a corporation of Massachusetts.

Erin MAID

FOR HOSIERY.
Claims use since Dec. 18, 1931.

Reg. No. 322,511. Registered Mar. 12, 1935. HANES HOSIERY MILLS COMPANY, Winston-Salem, N. C., and New York, N. Y., a corporation of North Carolina. Republished by registrant.

Loreen

FOR MEN'S, WOMEN'S AND CHILDREN'S HOSIERY.
Claims use since Oct. 17, 1934.

Reg. No. 330,159. Registered Nov. 19, 1935. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

RED HARE

FOR WORK GLOVES AND WORK MITTENS OF FABRIC, LEATHER AND COMBINATIONS THEREOF.
Claims use since as early as May 20, 1931.

Reg. No. 330,161. Registered Nov. 19, 1935. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

DOUBLE XX EX

FOR WORK GLOVES AND WORK MITTENS OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since Jan. 31, 1934.

Reg. No. 330,447. Registered Dec. 3, 1935. BYER-ROLNICK COMPANY, Dallas, Tex., a corporation of Texas. Republished by registrant.

RESISTOL

FOR MEN'S HATS.
Claims use since 1930.

Reg. No. 334,227. Registered Apr. 21, 1936. CLEAR WEAVE HOSIERY STORES, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Ann Louise

FOR WOMEN'S AND GIRLS' UNDERWEAR; HOSIERY; FOUNDATION GARMENTS—NAMELY, CORSETS, GIRDLES, BRASSIÈRES, CORSELETS, CHEMISES, NIGHTSHIRTS, AND DRAWERS, DRESSES, GOWNS, SUITS AND COATS.
Claims use since Sept. 1, 1933.

Reg. No. 343,739. Registered Mar. 2, 1937. AMERICAN MANUFACTURING CORPORATION, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

Sans Souci

FOR WOMEN'S UNDERWEAR.
Claims use since June 1, 1925.

Reg. No. 347,577. Registered June 29, 1937. THE DRYBAK CORPORATION, Binghamton, N. Y., a corporation of New York. Republished by registrant.

MADE BY DRYBAK Workwear BRAND

The words "Made By," "Workwear," and "Brand" are disclaimed apart from the mark as shown.
FOR WORK PANTS, BREECHES, BLOUSES, AND JACKETS, AND WORK COATS FOR MEN AND BOYS.
Claims use since Jan. 11, 1937.

Reg. No. 350,112. Registered Sept. 14, 1937. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ROYAL FAMILY HOSIERY

The word "Hosiery" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since May 1, 1936.

Reg. No. 352,985. Registered Dec. 21, 1937. FRENCH SHRINER & URNER MANUFACTURING CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

BORDEN

The lining in the drawing is for shading only.
FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC OR COMBINATIONS THEREOF.
Claims use since June 15, 1937.

Reg. No. 360,814. Registered Sept. 27, 1938. CLEAR WEAVE HOSIERY STORES, INC., Jamaica Plain, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

OFFICE GIRL CHIFFON CLEAR WEAVE

The words "Chiffon" and "Clear Weave" are disclaimed apart from the mark as shown.
FOR WOMEN'S AND GIRLS' HOSIERY.
Claims use since Oct. 6, 1936.

Reg. No. 362,233. Registered Nov. 15, 1938. CLEAR WEAVE HOSIERY STORES, INC., Jamaica Plain, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

FIGURE BEAUTY

FOR WOMEN'S AND GIRLS' FOUNDATION GARMENTS, CORSETS, BRASSIÈRES, AND GIRDLES, AND VARIOUS COMBINATIONS OF SAID GARMENTS.
Claims use since Dec. 1, 1936.

Reg. No. 363,997. Registered Jan. 17, 1939. WALKONAIRE CORPORATION, Chicago, Ill. Republished by Walkonaire Corporation, Knox, Ind., a corporation of Indiana.

WALK-ON-AIRE Air Inflated Bolsters

The words "Air Inflated Bolsters" are disclaimed apart from the mark as shown.
FOR INSOLES FOR SHOES.
Claims use since May 15, 1936.

Reg. No. 371,518. Registered Sept. 26, 1939. LA CROSSE RUBBER MILLS CO., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.

VITA-L-IZED

FOR SHOES, OVERSHOES AND BOOTS MADE OF RUBBER OR PARTLY OF RUBBER.
Claims use since Apr. 13, 1939.

Reg. No. 372,458. Registered Oct. 31, 1939. LA CROSSE RUBBER MILLS CO., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.

CLOPPERS

FOR RUBBERS OR OVERSHOES MADE OF RUBBER OR PARTLY OF RUBBER.
Claims use since Apr. 13, 1939.

Reg. No. 382,294. Registered Oct. 22, 1940. INDIANAPOLIS GLOVE CO., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

Fisherman

FOR WORK GLOVES AND WORK MITTENS OF FABRIC, LEATHER AND COMBINATIONS THEREOF.
Claims use since about April 1930.

Reg. No. 383,854. Registered Dec. 24, 1940. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Gwyndel

FOR WOMEN'S SHOES MADE OF LEATHER, RUBBER, AND CANVAS AND/OR COMBINATIONS THEREOF.
Claims use since July 26, 1940.

Reg. No. 391,506. Registered Nov. 11, 1941. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

CONFORMATI

FOR MEN'S HATS.
Claims use since April 1941.

Reg. No. 393,219. Registered Jan. 27, 1942. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

FORMEASE

FOR MEN'S HATS.
Claims use since Apr. 8, 1941.

Reg. No. 400,042. Registered Feb. 16, 1943. INDIANAPOLIS GLOVE CO., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

FRIEND

FOR WORK GLOVES AND WORK MITTENS OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since about April 1930.

Reg. No. 400,396. Registered Mar. 9, 1943. THE DRYBAK CORPORATION, Binghamton, N. Y., a corporation of New York. Republished by registrant.

Drybak

FOR CLOTHING—NAMELY, KNEE OR FULL LENGTH AND LACE, KNITTED, OR BUTTON BOTTOM BREECHES, COATS, SHEEPSKIN OR CLOTH HUNTING COATS, VESTS, HUNTING VESTS, DRESS, NEGLIGEE OR WORK SHIRTS, CAPS AND HATS, OUTING SUITS AND PANTS, WORK PANTS, BLOUSES, JACKETS, APRONS, AND BELTS FOR OUTER WEAR FOR MEN, BOYS, WOMEN, AND GIRLS.
Claims use since Jan. 1, 1900.

Reg. No. 405,491. Registered Feb. 1, 1944. BEAR BRAND HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.



FOR HOSIERY.
Claims use since Aug. 12, 1943.

Reg. No. 407,015. Registered May 16, 1944. CLEAR WEAVE HOSIERY STORES, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

MISS ROBERTA
EXCLUSIVE

The word "Exclusive" is disclaimed apart from the mark as shown.
FOR WOMEN'S AND GIRLS' HOSIERY AND UNDERWEAR.
Claims use since Aug. 15, 1941.

Reg. No. 420,514. Registered Apr. 16, 1946. NATIONAL HOSIERY MILLS, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

STATELY

FOR HOSIERY.
Claims use since August 1940.

Reg. No. 420,761. Registered Apr. 30, 1946. NATIONAL HOSIERY MILLS, INC., Indianapolis, Ind., a corporation of Indiana. Registered by registrant.

Solitaire

"deb"

FOR HOSIERY.
Claims use since August 1940.

Reg. No. 422,776. Registered Aug. 13, 1946. NATIONAL HOSIERY MILLS, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

MIDI

FOR HOSIERY.
Claims use since August 1940.

Reg. No. 426,136. Registered Dec. 17, 1946. SAPPHIRE HOSIERY COMPANY, Philadelphia, Pa. Republished by Sapphire Hosiery Corporation, New York, N. Y., a corporation of Delaware.

STAR SAPPHIRE

FOR HOSIERY OF VARIOUS SHADES AND COLORS, EXCLUDING ALL BLUE SHADES AND COLORS.
Claims use since August 1941.

Reg. No. 427,112. Registered Jan. 28, 1947. SAPPHIRE HOSIERY COMPANY, Philadelphia, Pa. Republished by Sapphire Hosiery Corporation, New York, N. Y., a corporation of Delaware.

Sapphire Purs-Pak

The notation "Pur-Pak" is disclaimed apart from the mark as shown.
FOR HOSIERY OF VARIOUS SHADES AND COLORS EXCLUDING ALL BLUE SHADES AND COLORS.
Claims use since Feb. 1, 1946.

Reg. No. 429,784. Registered May 20, 1947. NATIONAL HOSIERY MILLS, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

Round the Block
MODEL

The word "Model" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since August 1940.

Reg. No. 429,785. Registered May 20, 1947. NATIONAL HOSIERY MILLS, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

Round the Block
TRIM

The word "Trim" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since August 1940.

Reg. No. 429,786. Registered May 20, 1947. NATIONAL HOSIERY MILLS, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

Solitaire

"chic"

The word "Chic" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since August 1940.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 394,473. Registered Apr. 7, 1942. DIADEM, INC., Leominster, Mass., a corporation of Massachusetts. Republished by registrant.

"FASTENETTE"

FOR COMBINED COMB AND PIN FOR SECURING HATS, BOWS, RIBBONS, FLOWERS AND OTHER HAIR ORNAMENTS.
Claims use since Sept. 15, 1941.

Reg. No. 408,458. Registered Aug. 15, 1944. DIADEM, INC., Leominster, Mass., a corporation of Massachusetts. Republished by registrant.

HAIRTAINERS

FOR COIFFURE COMBS AND HAT FASTENERS.
Claims use since Aug. 17, 1942.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 58,866. Registered Dec. 25, 1906. MONOHANSETT MFG. CO., Putnam, Conn. Republished by Erwin Cotton Mills Company, Durham, N. C., a corporation of North Carolina.

Peerless

FOR SHEETINGS AND SHIRTINGS.
Claims use since October 1873.

Reg. No. 148,829. Registered Nov. 29, 1921. THE ERWIN COTTON MILLS CO., West Durham, N. C., a corporation of North Carolina. Republished by registrant.



FOR DENIMS IN THE PIECE.
Claims use since Jan. 15, 1908.

Reg. No. 198,000. Registered Apr. 28, 1925. JOSEPH HOYLE & SON, LIMITED, Longwood, Near Huddersfield, England, a corporation of Great Britain. Republished by registrant.

DURATIRE

FOR CLOTHS AND STUFFS OF WOOL, WORSTED, OR HAIR.
Claims use since Oct. 27, 1921.

Reg. No. 224,803. Registered Mar. 8, 1927. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga., a corporation of Georgia. Republished by registrant.

FERDINAND



FOR COTTON SHEETINGS.
Claims use since Feb. 5, 1926.

Reg. No. 225,322. Registered Mar. 15, 1927. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga., a corporation of Georgia. Republished by registrant.

CHRISTOPHER



FOR COTTON SHEETINGS.
Claims use since Feb. 4, 1926.

Reg. No. 226,544. Registered Apr. 12, 1927. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga., a corporation of Georgia. Republished by registrant.

PALOS



FOR COTTON SHEETINGS.
Claims use since Feb. 4, 1926.

Reg. No. 228,207. Registered May 24, 1927. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga., a corporation of Georgia. Republished by registrant.

ISABELLA



FOR COTTON SHEETINGS.
Claims use since Feb. 5, 1926.

Reg. No. 228,293. Registered May 31, 1927. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga., a corporation of Georgia. Republished by registrant.

NINA



FOR COTTON SHEETINGS.
Claims use since Feb. 5, 1926.

Reg. No. 228,294. Registered May 31, 1927. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga., a corporation of Georgia. Republished by registrant.

PINTA



FOR COTTON SHEETINGS.
Claims use since Feb. 5, 1926.

Reg. No. 233,270. Registered Sept. 27, 1927. MENTE & CO., INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

STAR

FOR SUGAR-BAG CLOTH FOR COVERING BALES OF GINNED COTTON.
Claims use since July 21, 1916.

Reg. No. 325,737. Registered July 2, 1935. TOBLER, ERNST & TRABER, INC., New York, N. Y., a cororation of New York. Republished by registrant.

TETCO

FOR SILK CLOTH, TAFFETA WEAVE.
Claims use since Nov. 26, 1934.

Reg. No. 335,553. Registered June 9, 1936. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa, a corporation of Pennsylvania Republished by registrant.

TILBURY

FOR TEXTILE RUGS.
Claims use since Oct. 10, 1935.

Reg. No. 392,268. Registered Dec. 16, 1941. ERWIN COTTON MILLS COMPANY, Durham, N. C., a corporation of North Carolina. Republished by registrant.

FUNWEAR

FOR DENIM AND OTHER FABRICS OF COTTON, RAYON (VISCOSE AND ACETATE), LINEN, AND COMBINATIONS THEREOF IN THE PIECE.
Claims use since Sept. 3, 1940.

Reg. No. 393,785. Registered Mar. 3, 1942. THE ERWIN COTTON MILLS COMPANY, Durham, N. C., a corporation of North Carolina. Republished by registrant.

SALUTE

FOR SHEETS, PILLOW CASES, SHEETINGS, TUBING AND PIECE GOODS OF COTTON, RAYON (VISCOSE AND ACETATE), LINEN AND COMBINATIONS THEREOF.
Claims use since Nov. 5, 1940.

Reg. No. 397,439. Registered Sept. 8, 1942. TOBLER, ERNST & TRABER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

VINTEX

FOR WOVEN FABRICS FOR INDUSTRIAL AND TECHNICAL USE—NAMELY, STENCIL CLOTH FOR SCREEN PRINTING, AND BOLTING CLOTH FOR SIFTING PURPOSES.
Claims use since Oct. 9, 1941.

Reg. No. 401,154. Registered Apr. 27, 1943. EXETER MANUFACTURING COMPANY, Exeter, N. H., and New York, N. Y., a corporation of New Hampshire. Republished by registrant, present location Exeter, N. H.

EXETER

FOR COTTON PIECE GOODS.
Claims use since 1827.

Reg. No. 408,629. Registered Aug. 22, 1944. EXETER MANUFACTURING COMPANY, Exeter, N. H., a corporation of New Hampshire. Republished by registrant.

SYNCHROLATED

FOR COTTON FABRICS IN THE PIECE.
Claims use since Feb. 8, 1944.

Reg. No. 411,823. Registered Feb. 6. 1945. ERWIN COTTON MILLS COMPANY, West Durham, N. C., a corporation of North Carolina. Republished by registrant.

Airborne

FOR SHEETS, PILLOWCASES, SHEETING, AND PILLOWCASE TUBING, MADE OF COTTON AND PIECE GOODS MADE OF COTTON.
Claims use since Feb. 18, 1944.

Reg. No. 428,468. Registered Mar. 25, 1947. SIMON MATTRESS MANUFACTURING CO., San Francisco, Calif., a corporation of California. Republished by registrant.

simon pure

FOR BED COMFORTERS.
Claims use since 1920.

CLASS 43

THREAD AND YARN

Reg. No. 166,924. Registered Apr. 17, 1923. THE BAER COMPANY, Lehighton, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR THROWN SILK.
Claims use since May 31, 1898.

Reg. No. 328,942. Registered Oct. 8, 1935. JANUARY AND WOOD COMPANY, Maysville, Ky., a corporation of Kentucky. Republished by registrant.

Home-Craft

FOR COTTON YARN.
Claims use since Jan. 1, 1934.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 166,073. Registered Mar. 27, 1923. BROOKS RUPTURE APPLIANCE COMPANY, Marshall, Mich. Republished by Brooks Appliance Company, Inc., Marshall, Mich., a corporation of Michigan.



The words "Marshall, Michigan" are disclaimed apart from the mark as shown.

FOR RUPTURE REDUCING AND CONFINING DEVICES, INCLUDING TRUSSES.

Claims use since Feb. 2, 1922.

Reg. No. 192,984. Registered Dec. 16, 1924. GLOBE PHONE MANUFACTURING COMPANY, Reading, Mass. Republished by Globe Phone Manufacturing Corporation, Reading, Mass., a corporation of Massachusetts.



FOR ONE-WAY TELEPHONES AND EAR PHONES FOR USE IN AIDING DEFECTIVE HEARING, STETHOSCOPES, AND PARTS THEREFOR.

Claims use since 1889.

Reg. No. 212,108. Registered Apr. 27, 1926. IDEAL TOOTH INCORPORATED, Cambridge, Mass. Republished by Myerson Tooth Corporation, Cambridge, Mass., a corporation of Massachusetts.

PONTOPIN

FOR ARTIFICIAL TEETH.

Claims use since on or about Oct. 5, 1925.

Reg. No. 325,899. Registered July 9, 1935. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Republished by C. J. Bates & Son, Chester, Conn., a firm.

Bates

FOR MANICURE ARTICLES—NAMELY, NAIL-BUFFERS, NAIL-FILES, MANICURE STICKS, TWEEZERS, NAIL-CLIPPERS, NAIL POLISHERS, CUTICLE KNIVES, SCISSORS.

Claims use since Jan. 1, 1884.

Reg. No. 332,435. Registered Feb. 11, 1936. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Republished by C. J. Bates & Son, Chester, Conn., a firm.

Smoothie

FOR ABRASIVE IMPLEMENTS USED IN MANICURING THE NAILS.

Claims use since on or about Aug. 15, 1935.

Reg. No. 333,353. Registered Mar. 17, 1936. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn. Republished by C. J. Bates & Son, Chester, Conn., a firm.

Barbara Bates

FOR MANICURE ARTICLES — NAMELY, NAIL BRUSHES, NAIL BUFFERS, NAIL FILES, NAIL CLIPPERS, CUTICLE KNIVES, SCISSORS, MANICURE STICKS, TWEEZERS, EMERY BOARDS, PUMICE BOARDS, AND NAIL POLISHERS.

Claims use since on or about Nov. 5, 1934.

Reg. No. 362,016. Registered Nov. 8, 1938. VERNON-BENSHOFF COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

VERNONITE

FOR RESTORATIVE DENTAL APPLIANCES INCLUDING FULL DENTURES, PARTIAL DENTURES, REMOVABLE BRIDGES, CLASPS, PALATAL-BARS, OBTURATORS, POST SURGICAL SPLINTS, INLAYS AND ARTIFICIAL TEETH; AND CORRECTIVE APPLIANCES INCLUDING BITE-PLANES, ORTHODONTIA RETENTION DEVICES, INTERDENTAL SPLINTS, AND ONLAYS FOR THE CORRECTION OF OCCLUSAL MALADJUSTMENTS.

Claims use since Oct. 7, 1937.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 69,468. Registered June 16, 1908. HOLLIS H. MORSE, Atlanta, Ga. Republished by Orange Smile Sirup Company, St. Louis, Mo., a corporation of Missouri.

Smile!

FOR CARBONATED NON-ALCOHOLIC BEVERAGE.

Claims use since Jan. 15, 1908.

Reg. No. 389,997. Registered Sept. 2, 1941. WOCKY PRODUCTS COMPANY, Kansas City, Kans., assignor to Wocky Products Company, Inc. Republished by Wocky Products Company, Inc., Kansas City, Kans., a corporation of Kansas.

WOCKY
TRADE MARK
WOCKY PRODUCTS COMPANY

The words "Trade-Mark" are disclaimed apart from the mark as shown.

FOR NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND CONCENTRATES FOR MAKING THE SAME.

Claims use since Feb. 17, 1941.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 69,791. Registered July 7, 1908. MOSELEY & MOTLEY MILLING CO., Rochester, N. Y. Republished by Federal Mill, Inc., Lockport, N. Y., a corporation of New York.

SENIOR

FOR WHEAT FLOUR.

Claims use since Mar. 14, 1908.

Reg. No. 69,792. Registered July 7, 1908. MOSELEY & MOTLEY MILLING CO., Rochester, N. Y. Republished by Federal Mill, Inc., Lockport, N. Y., a corporation of New York.

IVANHOE

FOR WHEAT FLOUR.

Claims use since Jan. 1, 1878.

Reg. No. 76,995. Registered Mar. 1, 1910. JOHN O. GILBERT, Jackson, Mich. Republished by John O. Gilbert Chocolate Company, Jackson, Mich., a corporation of Michigan.

Gilberts

FOR CANDY.

Claims use since 1893.

Reg. No. 80,969. Registered Feb. 21, 1911. ARGUIMBAU & RAMBE, New York, N. Y. Republished by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y., a corporation of New York.



FOR OLIVES.

Cloims use since Sept. 1, 1909.

Reg. No. 100,831. Registered Oct. 27, 1914. JOSEY-MILLER CO., Beaumont, Tex. Republished by Josey-Miller Company, Inc., Beaumont, Tex., a corporation of Texas.

"MO-EGGS"

FOR POULTRY FEED.

Claims use since May 15, 1911.

Reg. No. 100,833. Registered Oct. 27, 1914. JOSEY-MILLER CO., Beaumont, Tex. Republished by Josey-Miller Company, Inc., Beaumont, Tex., a corporation of Texas.

MO CREAM

FOR HORSE AND CATTLE FEED.

Claims use since January 1913.

Reg. No. 101,565. Registered Dec. 29, 1914. W. J. COURTNEY CO., INC., Mundy Point, Va. Republished by W. J. Courtney & Son, Mundy Point, Va., a firm.

PRIDE OF VIRGINIA

FOR CANNED FISH, ROE, FRUIT, VEGETABLES, AND OYSTERS.

Claims use since 1883.

Reg. No. 112,799. Registered Sept. 26, 1916. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



FOR SALT.

Claims use since July 15, 1899.

Reg. No. 112,800. Registered Sept. 26, 1916. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



The word "Salt" is disclaimed apart from the mark as shown.
FOR SALT.
Claims use since July 15, 1899.

Reg. No. 112,801. Registered Sept. 26, 1916. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.

INDIAN

FOR SALT.
Claims use since early October 1899.

Reg. No. 121,932. Registered June 11, 1918. NEPTUNE SEA FOOD COMPANY, San Diego, Calif. Republished by The French Sardine Company of California, Terminal Island, Calif., a corporation of California.

SAPPHIRE

FOR CANNED FISH—NAMELY, CANNED SARDINES.
Claims use since June 15, 1916.

Reg. No. 130,532. Registered Apr. 27, 1920. LAKE REEDY PACKING CO., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

Monte Carlo

FOR FRESH CITRUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, AND TANGERINES.
Claims use since July 15, 1919.

Reg. No. 131,938. Registered June 1, 1920. JOHN O. GILBERT, Jackson, Mich. Republished by John O. Gilbert Chocolate Company, Jackson, Mich., a corporation of Michigan.

White Ribbon

FOR CANDY.
Claims use since Sept. 1, 1907.

Reg. No. 140,994. Registered Mar. 29, 1921. THE THEURER-NORTON PROVISION CO., Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PARADISE

FOR BACON, HAMS, LARD, WILKSHIRES, CUMBERLANDS, LONG-CUT HAMS, ENGLISH SHOULDERS, AND RIB-BACKS.
Claims use since May 18, 1920.

Reg. No. 145,392. Registered Aug. 2, 1921. JOSEY MILLER COMPANY, Beaumont, Tex. Republished by Josey-Miller Company, Inc., Beaumont, Tex., a corporation of Texas.



All the reading matter except the words "Kow Kud" is disclaimed apart from the mark as shown. The words "Jo-Mil" and "Kow Kud" are lined for red; and the representation of the cow and the clouds are lined for blue.
FOR DAIRY FEED.
Claims use since Oct. 1, 1920.

Reg. No. 147,002. Registered Sept. 27, 1921. JOSEY MILLER CO., Beaumont, Tex. Republished by Josey-Miller Company, Inc., Beaumont, Tex., a corporation of Texas.



All the printed matter except the words "Shur-Kackle" is disclaimed apart from the mark as shown. The words "Shur-Kackle," "Jo-Mil" and "Brand" with the representation of the chicken are lined for green.
FOR POULTRY FEED.
Claims use since Oct. 1, 1920.

Reg. No. 173,016. Registered Sept. 11, 1923. BURNHAM & MORRILL COMPANY, Portland, Maine, a corporation of Maine. Republished by registrant.

B
&
M

FOR FISH FLAKES, CODFISH CAKES, CLAMS, CLAM CHOWDER, CLAM JUICE, CANNED FISH, ALIMENTARY PASTE PRODUCTS, KIPPERED HERRING, LOBSTER PASTE, LIMA BEANS, CANNED FRUITS, CANNED VEGETABLES, BEANS AND PORK, BROWN BREAD, CRANBERRY SAUCE, LOBSTERS.
Claims use since 1908.

Reg. No. 176,179. Registered Nov. 20, 1923. JOSEY-MILLER COMPANY, Beaumont, Tex. Republished by Josey-Miller Company, Inc., Beaumont, Tex., a corporation of Texas.



FOR HORSE AND MULE FEED.
Claims use since Aug. 7, 1917.

Reg. No. 176,506. Registered Nov. 27, 1923. ALBERT T. PETERS, doing business as Vitamineral Products Co., Peoria, Ill. Republished by Paul S. Casey, doing business as Vitamineral Products Co., Peoria, Ill.

VITAMINERAL

FOR CATTLE, SWINE, DAIRY, AND POULTRY FEED.
Claims use since Apr. 1, 1921.

Reg. No. 180,712. Registered Mar. 4, 1924. BURNHAM & MORRILL COMPANY, Portland, Maine, a corporation of Maine. Republished by registrant.

Sealpakt

FOR CANNED BEANS AND PORK, CANNED VEGETABLES, AND CANNED CLAMS.
Claims use since Mar. 29, 1923.

Reg. No. 187,453. Registered Aug. 5, 1924. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.

Purex

FOR SALT.
Claims use since Jan. 27, 1920.

Reg. No. 191,954. Registered Nov. 25, 1924. E. A. HOFFMAN CANDY CO., INC., Los Angeles, Calif. Republished by E. A. Hoffman Candy Company, Inc., Los Angeles, Calif., a corporation of California.

Dawnland

FOR CANDY.
Claims use since June 20, 1924.

Reg. No. 194,117. Registered Jan. 13, 1925. L. R. HAMILTON, Reedley, Calif. Republished by L. R. Hamilton, Inc., Reedley, Calif., a corporation of California.

LARK

FOR FRESH DECIDUOUS FRUITS—NAMELY, FRESH PEACHES AND FRESH GRAPES.
Claims use since July 16, 1924.

Reg. No. 196,900. Registered Mar. 31, 1925. E. A. HOFFMAN CANDY CO., INC., Los Angeles, Calif. Republished by E. A. Hoffman Candy Company, Inc., Los Angeles, Calif., a corporation of California.

Jade

FOR CANDY.
Claims use since July 1, 1924.

Reg. No. 202,267. Registered Aug. 18, 1925. ALBERS PACKING COMPANY, Riverside, Calif. Republished by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y., a corporation of New York.

LAKELAND

FOR RIPE OLIVES.
Claims use since 1918.

Reg. No. 211,245. Registered Apr. 6, 1926. THE UNITED DAIRY COMPANY INC., Barnesville, Ohio, a corporation of Ohio. Republished by registrant.

UNITED

FOR EVAPORATED MILK.
Claims use since August 1912.

Reg. No. 216,160. Registered Aug. 3, 1926. GORDON BAKING COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.



FOR BREAD.
Claims use since Jan. 26, 1925.

Reg. No. 223,333. Registered Feb. 1, 1927. E. A. HOFFMAN CANDY COMPANY, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

MEL-O-WAY

FOR CANDY.
Claims use since May 11, 1926.

Reg. No. 223,788. Registered Feb. 8, 1927. S. S. PIERCE Co., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The exclusive right to use a label of a red color is not claimed.
FOR CANNED AND PRESERVED FRUITS, CANNED VEGETABLES, CANNED FISH, CANNED SHRIMP, CANNED SHELL FISH, CANNED MEATS, SUCH AS CANNED TONGUE AND CANNED BEEF, SMOKED MEATS, FRUIT PRESERVES AND MARMALADES, TEAS, COFFEES, CANNED SOUPS, AND SPICES.
Claims use since Apr. 1, 1887.

Reg. No. 229,486. Registered June 28, 1927. ALBERS PACKING COMPANY, Riverside, Calif. Republished by Mawer-Gulden-Annis, Inc., Brooklyn, N. Y., a corporation of New York.

BELL TOWER

FOR CANNED OLIVES.
Claims use since Dec. 17, 1926.

Reg. No. 233,426. Registered Sept. 27, 1927. RICE AND FISHMAN, Newark, N. J. Republished by U C O Food Corporation, Newark, N. J., a corporation of New Jersey.

RICO

FOR CANNED VEGETABLES, CANNED FRUITS, CANNED SHELLFISH, AND EVAPORATED MILK.
Claims use since Aug. 20, 1926.

Reg. No. 234,631. Registered Nov. 1, 1927. SOUTH HAVEN PRESERVING CO., South Haven, Mich. Republished by Michigan Fruit Canners, Inc., Benton Harbor, Mich., a corporation of Michigan.

Dinner Pail

FOR CANNED FRUITS AND VEGETABLES.
Claims use since Oct. 10, 1924.

Reg. No. 239,415. Registered Mar. 6, 1928. GEO. A. HORMEL & COMPANY, Austin, Minn. Republished by Geo. A. Hormel & Company, Austin, Minn., a corporation of Delaware.

Flavor-Sealed

FOR HAM.
Claims use since Sept. 1, 1927.

Reg. No. 240,820. Registered Apr. 10, 1928. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.

TISSUE FLAKE

The word "Flake" is disclaimed apart from the mark as shown.
FOR SALT.
Claims use since Nov. 1, 1926.

Reg. No. 242,074. Registered May 15, 1928. CREAM DOVE MFG. CO., INC., Binghamton, N. Y., a corporation of New York. Republished by registrant.

CREDO

FOR PEANUT BUTTER AND COOKING COMPOUNDS COMPOSED OF COTTONSEED OIL AND OLEOSTEARINE.
Claims use since Jan. 1, 1925.

Reg. No. 242,231. Registered May 15, 1928. JOHN G. WOODWARD & CO. INC., doing business as Woodward's, Council Bluffs, Iowa. Republished by Fenn Bros., Inc., Sioux Falls, S. Dak., a corporation of South Dakota.

BUTTER BRICKLE

FOR CANDY.
Claims use since Nov. 20, 1924.

Reg. No. 248,204. Registered Oct. 16, 1928. FANNY FARMER CANDY SHOPS, INC., Rochester, N. Y., a corporation of New York. Republished by registrant.



The trade-mark comprises the portrait of Fannie Farmer, deceased.
FOR CANDY.
Claims use since Apr. 12, 1919.

Reg. No. 248,268. Registered Oct. 16, 1928. THE OHIO SALT COMPAY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.

999

FOR SALT.
Claims use since Oct. 1, 1927.

Reg. No. 248,619. Registered Oct. 23, 1928. KRAFT-PHENIX CHEESE COMPANY, Chicago, Ill. Republished by Kraft Foods Company, Chicago, Ill., a corporation of Delaware.

KRACO

FOR POWDERED WHEY SOLID.
Claims use since Mar. 1, 1928.

Reg. No. 256,692. Registered May 21, 1929. GORDON BAKING COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.



The word "Cakes" is disclaimed apart from the mark as shown. The drawing is lined for red and green.
FOR CAKES.
Claims use since July 1, 1928.

Reg. No. 257,301. Registered June 4, 1929. THE KOSTO CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

KOSTO

FOR PREPARATION IN POWDERED FORM FOR MAKING DESSERTS AND PUDDINGS.
Claims use since Feb. 1, 1928.

Reg. No. 265,226. Registered Dec. 17, 1929. FRANCO-ITALIAN PACKING CO., INC., Terminal, Calif., a corporation of California. Republished by registrant, present location Terminal Island, Calif.

SEA LIGHT

FOR CANNED FISH.
Claims use since July 17, 1929.

Reg. No. 269,230. Registered Apr. 1, 1930. EDGETT-BURNHAM COMPANY, Newark, N. Y., a corporation of New York. Republished by registrant.

E-B

The drawing is lined for the colors red and yellow.
FOR CANNED FRUITS AND VEGETABLES.
Claims use since August 1924.

Reg. No. 269,350. Registered Apr. 1, 1930. BURNHAM & MORRILL COMPANY, Portland, Me., a corporation of Maine. Republished by registrant.

SEPTEMBER

FOR CANNED VEGETABLES.
Claims use since June 20, 1929.

Reg. No. 270,917. Registered May 20, 1930. JOSEY-MILLER COMPANY, Beaumont, Tex., a corporation of Texas. Republished by registrant.

IDEAL SPECIAL

HEAVY DUTY LOGGING RATION

The word "Special" and the term "Heavy Duty Logging Ration" are disclaimed apart from the mark as shown in the drawing.
FOR STOCK FEED.
Claims use since July 1, 1924.

Reg. No. 275,071. Registered Sept. 16, 1930. BURNHAM & MORRILL COMPANY, Portland, Me., a corporation of Maine. Republished by registrant.

NOAH'S

FOR CANNED CAT AND DOG FOOD.
Claims use since Apr. 29, 1930.

Reg. No. 280,269. Registered Feb. 10, 1931. ROBERT H. DART, Sacramento, Calif. Republished by registrant.

DARTLAND

FOR FRESH CITRUS FRUITS, FRESH DECIDUOUS FRUITS, FRESH MELONS—NAMELY, CANTALOUPES, HONEYDEW MELONS.
Claims use since Aug. 1, 1929.

Reg. No. 284,637. Registered July 7, 1931. SANDS, TAYLOR & WOOD COMPANY, Somerville, Mass., a corporation of Massachusetts. Republished by registrant.

KING ARTHUR

FOR WHEAT FLOUR, TEA AND COFFEE.
Claims use since 1896.

Reg. No. 292,845. Registered Mar. 29, 1932. GEO. B. MATTHEWS & SONS, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.



The words "Milk Maker" are disclaimed apart from the mark as shown. The drawing is lined for red and green.
FOR FEED FOR DAIRY COWS.
Claims use since Feb. 23, 1926.

Reg. No. 295,958. Registered July 19, 1932. BURNHAM & MORRILL COMPANY, Portland, Me., a corporation of Maine. Republished by registrant.

Pot o' Beans

The words "Pot" and "Beans" are disclaimed apart from the mark as shown.
FOR BAKED BEANS.
Claims use since Oct. 8, 1931.

Reg. No. 296,619. Registered Aug. 16, 1932. WINTER HAVEN CITRUS GROWERS ASSOCIATION, Winter Haven, Fla., a corporation of Florida. Republished by registrant.

UMPIRE



FOR FRESH CITRUS FRUITS.
Claims use since December 1910.

Reg. No. 297,637. Registered Sept. 20, 1932. W. B. GRAINGER PACKING COMPANY, Salinas, Calif. Republished by W. B. Grainger Packing Company, Salinas, Calif., a co-partnership.

RETRIEVER

FOR FRESH VEGETABLES.
Claims use since Apr. 13, 1932.

Reg. No. 298,795. Registered Nov. 8, 1932. W. B. GRAINGER PACKING COMPANY, Salinas, Calif. Republished by W. B. Grainger Packing Company, Salinas, Calif., a copartnership.

TOP NUMBER

FOR FRESH VEGETABLES.
Claims use since Apr. 13, 1932.

Reg. No. 310,001. Registered Feb. 6, 1934. JOSEY-MILLER COMPANY, INC., Beaumont, Tex., a corporation of Texas. Republished by registrant.

JO-MIL

FOR MIXED FEEDS FOR POULTRY AND LIVESTOCK, HOMINY FEEDS FOR LIVE STOCK; CORN MEAL, GREEN MEAL, PEARL MEAL, DEVELOPING MASH FOR BABY CHICKS; RABBIT FEED, AND PIGEON FEED.
Claims use since 1908.

Reg. No. 310,914. Registered Mar. 13, 1934. ALBERT W. SISK & SON, Preston, Md. Republished by Albert W. Sisk & Son (1947), Preston, Md., a firm.

Westminster

FOR CANNED VEGETABLES.
Claims use since 1892.

Reg. No. 314,906. Registered July 10, 1934. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



The representation of the six pointed star and the words "Kosher Salt" and the words "Salt of the Covenant" are disclaimed apart from the mark as shown.
FOR SALT USED IN THE PREPARATION OF KOSHER MEAT AND TABLE SALT.
Claims use since Jan. 13, 1934.

Reg. No. 315,125. Registered July 17, 1934. TOLERTON & WARFIELD COMPANY, doing business as the Robb-Ross Company, Sioux City, Iowa. Republished by Tolerton & Warfield Company, a corporation of Iowa.

3-V



The expression "For Vim Vigor Vitality" is disclaimed apart from the mark as shown.
FOR PANCAKE FLOUR.
Claims use since Oct. 31, 1931.

Reg. No. 317,031. Registered Sept. 11, 1934. JOHN F. LALLA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SCOUT

FOR TEA, CANNED SHRIMP, CANNED TOMATO SOUP, MALT SYRUP, SPICES, BIRD SEED, GROUND PAPRIKA, POPPING CORN, GRAPE JELLY, MUSTARD, CATSUP, OLIVES, PEANUT BUTTER, PICKLES, PICKLED PIGS' FEET, CHILI SAUCE, VINEGAR, SALAD OIL, POVIDLA IN BULK (PRUNE JAM), FLAVORING EXTRACTS FOR FOOD PURPOSES.
Claims use since Oct. 15, 1910.

Reg. No. 317,963. Registered Oct. 9, 1934. THE MERRILL PACKING COMPANY, INC., LTD., Salinas, Calif. Republished by T. R. Merrill, doing business as Merrill Packing Company, Salinas, Calif.

CIRCLE



The drawing is lined for red, green, and yellow. The word "Brand" is disclaimed apart from the mark as shown.
FOR FRESH VEGETABLES.
Claims use since Apr. 22, 1932.

Reg. No. 317,964. Registered Oct. 9, 1934. THE MERRILL PACKING COMPANY, INC., LTD., Salinas, Calif. Republished by T. R. Merrill, doing business as Merrill Packing Company, Salinas, Calif.



The words "Brand" and "California Vegetables" are disclaimed.
FOR FRESH VEGETABLES.
Claims use since Nov. 10, 1933.

Reg. No. 318,416. Registered Oct. 23, 1934. SEABOARD PACKING CORPORATION, Long Beach, Calif. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.

SEA GOLD

FOR CANNED FISH.
Claims use since May 24, 1934.

Reg. No. 319,434. Registered Nov. 27, 1934. THE MERRILL PACKING COMPANY, INC., LTD., Salinas, Calif. Republished by T. R. Merrill, doing business as Merrill Packing Company, Salinas, Calif.



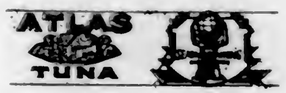
FOR FRESH VEGETABLES.
Claims use since Aug. 3, 1934.

Reg. No. 323,692. Registered Apr. 30, 1935. WILLIAM SILVER & COMPANY, Aberdeen, Md. Republished by Albert W. Sisk & Son, Preston, Md., a firm.

Kent Farm

FOR CANNED VEGETABLES—NAMELY, PEAS AND TOMATOES.
Claims use since Feb. 7, 1906.

Reg. No. 328,978. Registered Oct. 15, 1935. SEABOARD PACKING CORPORATION, Long Beach, Calif. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.



The representation of the goods and the word "Tuna" are disclaimed apart from the mark as shown.
FOR CANNED FISH.
Claims use since Sept. 18, 1934.

Reg. No. 329,357. Registered Oct. 29, 1935. GEO. B. MATTHEWS & SONS, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

MISSALA

FOR STOCK, POULTRY, AND DAIRY FEEDS.
Claims use since Apr. 1, 1931.

Reg. No. 330,661. Registered Dec. 10, 1935. W. B. GRAINGER PACKING CO., Salinas, Calif. Republished by W. B. Grainger Packing Company, Salinas, Calif., a copartnership.



The word "Pak-Tite" and the representation of the goods are disclaimed. The drawing is lined for shading only.
FOR FRESH VEGETABLES.
Claims use since July 25, 1934.

Reg. No. 340,159. Registered Nov. 3, 1936. BURNHAM & MORRILL COMPANY, Portland, Maine, a corporation of Maine. Republished by registrant.

RANGELEY

FOR CANNED CORN.
Claims use since 1890.

Reg. No. 340,293. Registered Nov. 3, 1936. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



The drawing is lined to the following colors: blue and pink background, white zig-zag stripe edged with silver and bearing the word "Chippewa" in red, and pink and silver medallions. The word "Salt" is disclaimed apart from the mark as shown.
FOR SALT, SPECIFICALLY TABLE SALT.
Claims use since Sept. 15, 1934.

Reg. No. 340,294. Registered Nov. 3, 1936. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



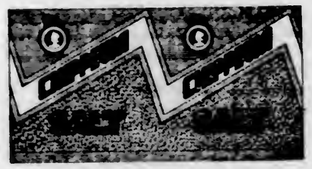
The drawing is lined to indicate the following colors: blue background, red zig-zag stripe edged with silver, red and silver medallion and silver bottom border stripe. The word "Salt" is disclaimed apart from the mark as shown.
FOR SALT, SPECIFICALLY TABLE SALT.
Claims use since Oct. 15, 1935.

Reg. No. 340,310. Registered Nov. 3, 1936. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



The drawing is lined to indicate the following colors: red background, blue zig-zag stripe edged with silver, red, and silver medallions and silver bottom border stripe. The word "Salt" is disclaimed apart from the mark as shown.
FOR SALT, SPECIFICALLY TABLE SALT.
Claims use since Oct. 15, 1935.

Reg. No. 340,311. Registered Nov. 3, 1936. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



The drawing is lined to indicate the following colors: blue and orange background, white zig-zag stripe edged with silver and bearing the word "Chippewa" in red, and orange and silver medallions. The word "Salt" is disclaimed apart from the mark as shown.
FOR SALT, SPECIFICALLY TABLE SALT.
Claims use since Sept. 15, 1934.

Reg. No. 341,793. Registered Dec. 22, 1936. VIMPEP FOODS, INC., Cambridge, Md. Republished by Phillips Packing Company, Inc., Cambridge, Md., a corporation of Maryland.

Vimpep

FOR CANNED DOG FOOD.
Claims use since Aug. 1, 1936.

Reg. No. 342,155. Registered Jan. 5, 1937. VIMPEP FOODS, INC., Cambridge, Md. Republished by Phillips Packing Company, Inc., Cambridge, Md., a corporation of Maryland.

SMARTY

FOR CANNED DOG FOOD.
Claims use since Aug. 1, 1936.

Reg. No. 344,786. Registered Apr. 6, 1937. THE MOHICAN COMPANY, New York, N. Y. Republished by The Mohican Stores, Inc., New York, N. Y., a corporation of New York.

ROYAL CHIEF

FOR CANNED VEGETABLES.
Claims use since Oct. 1, 1936.

Reg. No. 347,907. Registered July 13, 1937. THE MOHICAN COMPANY, New York, N. Y. Republished by The Mohican Stores, Inc., New York, N. Y., a corporation of New York.

MOHICAN

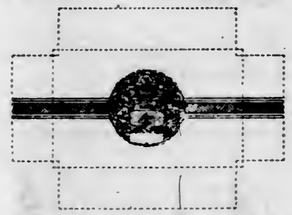
FOR TOMATO CATSUP, HORSERADISH, MAYONNAISE, SANDWICH SPREAD, SALAD DRESSING, MARSHMALLOWS, POTATO SALAD, NOODLES, MACARONI, SPAGHETTI, SALT, SPICES, EVAPORATED MILK, CANNED VEGETABLES, COFFEE, OLIVES, JAMS, AND JELLIES, APPLE BUTTER, MINCEMEAT, CORNSTARCH, TEA, TEA BALLS, PEANUT BUTTER, WHEAT FLOUR, BACON, BUTTER, FRUIT CAKE, FRESH DRESSED TURKEY.
Claims use since 1896.

Reg. No. 348,941. Registered Aug. 17, 1937. THE ARNOLD MILLING CO., Sterling, Kans., a corporation of Kansas. Republished by registrant.



The drawing is lined for the colors red, blue and yellow.
FOR WHEAT FLOUR, CEREAL BREAKFAST FOOD, GRAHAM FLOUR AND WHOLE-WHEAT FLOUR.
Claims use since November 1931.

Reg. No. 356,110. Registered Apr. 12, 1938. JOHN O. GILBERT CHOCOLATE COMPANY, Jackson, Mich, a corporation of Michigan. Republished by registrant.



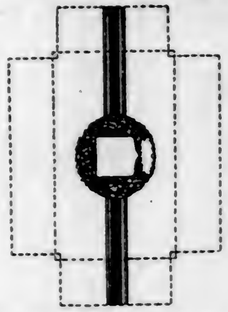
The representation of a package in the drawing is disclaimed. The drawing is lined for shading and for the color blue.
FOR CANDY.
Claims use since Sept. 2, 1937.

Reg. No. 358,307. Registered July 5, 1938. HARLINGEN CANNING COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.

HAR-TEX

FOR CANNED CITRUS FRUITS, CANNED VEGETABLES AND CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Feb. 7, 1938.

Reg. No. 360,234. Registered Sept. 13, 1938. JOHN O. GILBERT CHOCOLATE COMPANY, Jackson, Mich., a corporation of Michigan. Republished by registrant.



The representation of a package in the drawing is disclaimed. The drawing is lined for shading only.
FOR CANDY.
Claims use since Sept. 2, 1937.

Reg. No. 361,049. Registered Oct. 4, 1938. MORSE AND SKINNER, Lodi, Calif., a co-partnership. Republished by registrant.

Emerald Bay

FOR FRESH GRAPES.
Claims use since 1929.

Reg. No. 361,629. Registered Oct. 25, 1938. H. E. BUTT GROCERY COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.

H.E.B.

FOR CANNED FRUITS, CANNED VEGETABLES AND CANNED FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Apr. 30, 1938.

Reg. No. 364,315. Registered Jan. 24, 1939. SAN CARLOS CANNING COMPANY, Long Beach, Calif. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.

Blue Shore

FOR CANNED FISH.
Claims use since Sept. 16, 1938.

Reg. No. 371,865. Registered Oct. 10, 1939. CEDERGREEN FROZEN PACK CORPORATION, Wenatchee, Wash., a corporation of Washington. Republished by registrant.



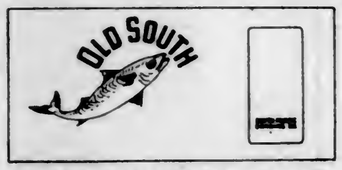
FOR FROZEN VEGETABLES AND FRUITS.
Claims use since on or about June 25, 1938.

Reg. No. 376,351. Registered Mar. 19, 1940. SOUTH PACIFIC CANNING CO., Long Beach, Calif., assignor to South Pacific Canning Company, Inc. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.



The drawing is lined for blue. The representation of the fish and a label are disclaimed apart from the mark as shown.
FOR CANNED BONITA.
Claims use since Aug. 23, 1939.

Reg. No. 376,361. Registered Mar. 19, 1940. SOUTH PACIFIC CANNING CO., Long Beach, Calif., assignor to South Pacific Canning Company, Inc. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.



The representation of the fish and the outline of the label are disclaimed apart from the mark as shown.
FOR CANNED FISH.
Claims use since Oct. 21, 1939.

Reg. No. 376,510. Registered Mar. 26, 1940. SOUTH PACIFIC CANNING CO., Long Beach, Calif., assignor to South Pacific Canning Company, Inc. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.



The drawing is lined for the color blue. The representation of the fish and the label is disclaimed.
FOR CANNED TUNA FISH.
Claims use since Aug. 26, 1939.

Reg. No. 377,318. Registered Apr. 30, 1940. SOUTH PACIFIC CANNING CO., Long Beach, Calif., assignor to South Pacific Canning Company, Inc. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.

SOUTH PACIFIC

FOR CANNED FISH.
Claims use since Nov. 1, 1939.

Reg. No. 377,344. Registered Apr. 30, 1940. COAST FISHING COMPANY, Wilmington, Calif., a corporation of California. Republished by registrant.



The words "Cat Food" are disclaimed apart from the mark as shown.
FOR CANNED CAT FOOD.
Claims use since Sept. 23, 1934.

Reg. No. 377,345. Registered Apr. 30, 1940. SOUTH PACIFIC CANNING CO., Long Beach, Calif., assignor to South Pacific Canning Company, Inc. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.



The representation of the fish is disclaimed apart from the mark as shown.
FOR CANNED TUNA FISH.
Claims use since Sept. 29, 1939.

Reg. No. 378,256. Registered June 4, 1940. SOUTH PACIFIC CANNING CO., Long Beach, Calif., assignor to South Pacific Canning Company, Inc. Republished by South Pacific Canning Company, Long Beach, Calif., a limited partnership.

ROYAL PACIFIC

FOR CANNED FISH—NAMELY, CANNED TUNA FISH.
Claims use since Nov. 1, 1939.

Reg. No. 380,726. Registered Aug. 27, 1940. THE H. ROUW COMPANY, Edinburg, Tex., a corporation of Arkansas. Republished by registrant.

RIO MOON

FOR FRESH CITRUS FRUITS.
Claims use since about Oct. 1, 1934.

Reg. No. 380,727. Registered Aug. 27, 1940. THE H. ROUW COMPANY, Edinburg, Tex., a corporation of Arkansas. Republished by registrant.

RIO SUN

FOR FRESH CITRUS FRUITS.
Claims use since about Oct. 1, 1934.

Reg. No. 382,857. Registered Nov. 12, 1940. FILICE AND PERRELLI CANNING COMPANY, INCORPORATED, Richmond, Calif., a corporation of California. Republished by registrant.

SUN GIFT

FOR CANNED FRUITS, CANNED VEGETABLES, AND CANNED FRUIT, VEGETABLE, AND BERRY JUICES FOR FOOD PURPOSES.
Claims use since May 1, 1934.

Reg. No. 387,961. Registered June 10, 1941. FILICE & PERRELLI CANNING COMPANY, INC., Richmond, Calif., a corporation of California. Republished by registrant.

D-MAND DEMAND

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED FRUIT AND VEGETABLE JUICES FOR FOOD PURPOSES, CANNED TOMATO SAUCE, CANNED FRUITS FOR SALAD AND CANNED FRUIT COCKTAIL.
Claims use since 1933.

Reg. No. 388,603. Registered July 1, 1941. FRUIT GROWERS CO-OPERATIVE, Sturgeon Bay, Wis., a corporation of Wisconsin. Republished by registrant.

Kon-Sin

FOR CANNED CHERRIES.
Claims use since Oct. 30, 1940.

Reg. No. 388,977. Registered July 22, 1941. FILICE & PERRELLI CANNING COMPANY, INC., Richmond, Calif., a corporation of California. Republished by registrant.

F and P

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED FRUIT AND VEGETABLE JUICES FOR FOOD PURPOSES, AND CANNED TOMATO SAUCE.
Claims use since July 1914.

Reg. No. 390,152. Registered Sept. 9, 1941. LINDSAY RIPE OLIVE COMPANY, Lindsay, Calif., a corporation of California. Republished by registrant.

WHITE CROSS

FOR CANNED OLIVES.
Claims use since July 27, 1929.

Reg. No. 393,868. Registered Mar. 10, 1942. HARLINGEN BROKERAGE COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.

TULIPAN

FOR WHEAT FLOUR.
Claims use since October 1927.

Reg. No. 396,387. Registered July 14, 1942. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

FIRST PRIZE

FOR DILL SEED, SOUP MIXTURE, PEPPER, SALT, CANNED FRUITS, CANNED VEGETABLES, CANNED PORK AND BEANS, CANNED HOMINY, CANNED PUMPKIN, CANNED SAUERKRAUT, CANNED SWEET POTATOES, CANNED SUCCOTASH, CANNED PINEAPPLE, CANNED BERRIES, AND CANNED SALMON.
Claims use since Jan. 1, 1895.

Reg. No. 397,114. Registered Aug. 18, 1942. ADAMS PACKING COMPANY, INC., Auburndale, Fla. Republished by Adams Packing Association, Inc., Auburndale, Fla., a corporation of Florida.

LUCKY GOLD

FOR FRESH CITRUS FRUITS AND CANNED CITRUS FRUITS, AND CANNED CITRUS JUICES.
Claims use since Mar. 23, 1942.

Reg. No. 399,753. Registered Jan. 26, 1943. FILICE & PERRELLI CANNING COMPANY, INC., Richmond, Calif., a corporation of California. Republished by registrant.



The drawing is lined for red, gold or yellow and blue. No claim is made to the representation of a label.
FOR CANNED FRUITS, CANNED VEGETABLES, CANNED FRUIT COCKTAIL, CANNED FRUITS FOR SALAD, CANNED VEGETABLE JUICES FOR FOOD PURPOSES, AND CANNED TOMATO SAUCE.
Claims use since 1915.

Reg. No. 402,200. Registered July 6, 1943. KLEIN CHOCOLATE CO., INC., Elizabethtown, Pa., a corporation of Pennsylvania. Republished by registrant.

SILVER BELLS

FOR CHOCOLATE.
Claims use since January 1913.

Reg. No. 409,984. Registered Oct. 31, 1944. COBB CANNING COMPANY, Cobb, Wis., a corporation of Wisconsin. Republished by registrant.

OUR LITTLE HELPER

FOR CANNED CORN.
Claims use since June 6, 1944.

Reg. No. 412,515. Registered Mar. 13, 1945. GEORGE WESTON LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.



The word "Fare" is disclaimed apart from the mark as shown.
FOR VANILLA CREAM FILLED COOKIE SANDWICHES.
Claims use since Dec. 15, 1943.

Reg. No. 414,218. Registered May 29, 1945. MAME PIERI, Buffalo, N. Y. Republished by registrant.

TOMADORO

FOR TOMATO PULP.
Claims use since 1910.

Reg. No. 416,387. Registered Sept. 11, 1945. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELCO

FOR ALGIN PRODUCT SOLD DIRECT IN BULK TO MANUFACTURERS AND TO JOBBERS FOR RESALE TO MANUFACTURERS FOR USE AS A HYDROPHILIC COLLOID POSSESSING STABILIZING, THICKENING, SUSPENDING, EMULSIFYING, GEL-FORMING AND WATER HOLDING PROPERTIES IN ICE CREAM, ICED MILK, SHERBETS, WATER ICES, CHOCOLATE MILK, CONFECTIONERIES SUCH AS CANDY JELLIES, FRUIT JELLIES, CHEESE, SALAD DRESSING, PUDDINGS, DEHYDRATED FOODS, MEAT PRODUCTS, BAKERY PRODUCTS SUCH AS BREAD, MERINGUE, ICINGS, AND OTHER FOOD PRODUCTS.
Claims use since about Feb. 1, 1930.

Reg. No. 420,649. Registered Apr. 23, 1946. ROBERT H. DART, Sacramento, Calif. Republished by registrant.

Hangtown

FOR FRESH DECIDUOUS FRUIT—NAMELY, PEARS.
Claims use since Sept. 29, 1945.

Reg. No. 421,958. Registered June 25, 1946. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELCOLOID

FOR ALGIN COMPOUND FOR USE AS A HYDROPHILIC COLLOID POSSESSING STABILIZING BODYING, SUSPENDING, EMULSIFYING, WHIPPING, AND WATER HOLDING PROPERTIES IN FRENCH DRESSINGS, SALAD DRESSINGS, SAUCES, CREAM CHEESE, CHEESE SPREADS, FLAVOR EMULSIONS, ICINGS, MERINGUES, FRUIT SYRUPS, TOPPINGS, JELLIES, CONFECTIONERIES, PUDDINGS, PIE FILLINGS, AND IN OTHER FOOD USES.
Claims use since May 28, 1945.

Reg. No. 424,728. Registered Oct. 22, 1946. PACIFIC GAMBLE ROBINSON COMPANY, Seattle, Wash., a corporation of Delaware. Republished by registrant.

Old South

FOR FRESH ROASTED PEANUTS IN THE SHELL.
Claims use since July 1945.

Reg. No. 429,529. Registered May 6, 1947. DUBUQUE PACKING COMPANY, Dubuque, Iowa, a corporation of Iowa. Republished by registrant.

Temt

FOR CANNED PREPARED PORK MEAT.
Claims use since Jan. 1, 1945.

CLASS 47

WINES

Reg. No. 310,917. Registered Mar. 13, 1934. BERINGER BROS., INC., St. Helena, Calif., a corporation of Nevada. Republished by registrant.

LOS HERMANOS VINEYARDS

FOR WINES.
Claims use since Jan. 15, 1879.

Reg. No. 310,918. Registered Mar. 13, 1934. BERINGER BROTHERS, INC., St. Helena, Calif., a corporation of Nevada. Republished by registrant.



FOR WINES.
Claims use since Jan. 15, 1879.

Reg. No. 321,745. Registered Feb. 12, 1935. BERINGER BROS., INC., St. Helena, Calif., a corporation of California. Republished by registrant.

Mountain Ranch

FOR WINES.
Claims use since Oct. 1, 1934.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 415,025. Registered July 10, 1945. AMBROSIA BREWING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The words "Brewing Co., Chicago, Ill." are disclaimed apart from the mark as shown. The ruling in the drawing indicates the colors gold and blue.
FOR BEER.
Claims use since Sept. 1, 1944.

Reg. No. 415,069. Registered July 10, 1945. FIRST CARAMEL MALTING CORPORATION, Paterson, N. J., a corporation of New Jersey. Republished by registrant.

CARA-MALT

The word "Malt" is disclaimed apart from the mark as shown.
FOR MALT USED AS AN AID IN MAKING BEER.
Claims use since September 1944.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 316,351. Registered Aug. 21, 1934. GORDON O'NEILL CO. INC., New York, N. Y. Republished by Gordon O'Neill Company, Jersey City, N. J., a firm.

RIALTO

FOR GIN AND WHISKEY.
Claims use since May 7, 1934.

Reg. No. 389,999. Registered Sept. 2, 1941. GORDON O'NEILL CO., INC., Jersey City, N. J. Republished by Gordon O'Neill Company, Jersey City, N. J., a firm.



All notations except the word "Champlain," the name of the applicant, and the representation of the label per se are disclaimed.
FOR BRANDY.
Claims use since Dec. 31, 1940.

Reg. No. 392,907. Registered Jan. 20, 1942. GEORGE BALLANTINE & SON, LIMITED, Dumbarton, Scotland, a corporation of Great Britain. Republished by registrant.



FOR WHISKY.
Claims use since Sept. 30, 1938.

Reg. No. 411,825. Registered Feb. 6, 1945. RON VIRGIN COMPANY, LTD., Cambridge, Mass. Republished by Ron Virgin Company, Ltd., Cambridge, Mass., a corporation of Massachusetts.

Tovarich

FOR VODKA.
Claims use since Mar. 13, 1943.

Reg. No. 428,122. Registered Mar. 11, 1947. GLENMORE DISTILLERIES COMPANY, Louisville and Owensboro, Ky., a corporation of Delaware. Republished by registrant.



FOR WHISKEY.
Claims use since Dec. 31, 1938.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 239,760. Registered Mar. 13, 1928. ROYAL ELECTROTYPE COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ROYALTYPES

The portion of the mark "Types" is disclaimed except in connection with the part "Royal" apart from the mark as shown.
FOR ELECTROTYPES.
Claims use since Oct. 13, 1926.

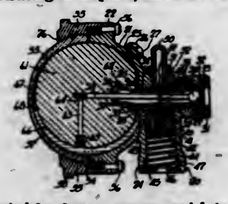
REISSUES

SEPTEMBER 14, 1948

23,038
FLIGHT POSITION AND FORCE INDICATING INSTRUMENT
Arthur Z. Bendar, Burbank, Calif.
Original No. 2,320,505, dated June 1, 1943, Serial No. 394,967, May 24, 1941. Application for reissue November 18, 1944, Serial No. 564,076
26 Claims. (Cl. 264—1)

5. An aircraft instrument comprising a housing having a chamber therein defined in part by a transparent member, a buoyant member shiftable in said chamber, a weight separate from the buoyant member shiftable in said housing and connected with said buoyant member to shift said member, a spring normally counterbalancing said weight, and two liquids of contrasting appearance and different specific gravities filling the space in said chamber around said buoyant member.

20. An aircraft instrument comprising a mounting, a self-leveling instrumentality shiftable in said mounting about a center point by gravity including a liquid, means exerting a cen-

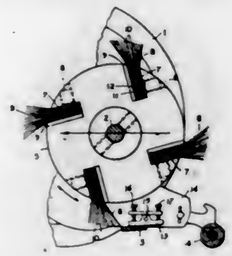


trifugal variable force upon said instrumentality to displace said liquid and shift said center point in said mounting, and means exerting a substantially constant normally counterbalancing force upon said first-named means.

PATENTS

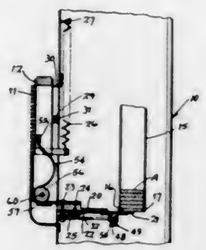
GRANTED SEPTEMBER 14, 1948

2,449,042
TRIMMING MACHINE
Hermann R. Abbrecht, Shaker Heights, Ohio, assignor to The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application August 14, 1944, Serial No. 549,363
1 Claim. (Cl. 56—249)



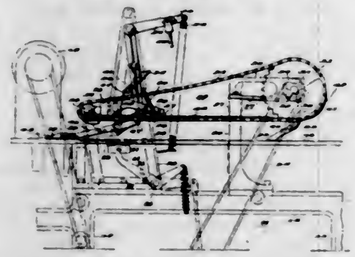
In a trimming machine, the combination of an elongated cutter bar and a plurality of brush strips mounted for rotation about a common axis parallel with said bar, said strips having faces of substantial width disposed to pass in close shearing contact with the cutting edge of said bar upon being rotated and to cooperate therewith in cutting engagement, said faces being helically disposed in relation to such axis.

2,449,043
SAFETY TRANSMISSION FOR VENDING MACHINES AND THE LIKE
Otto Altman, Port Chester, N. Y.
Application September 20, 1946, Serial No. 698,276
5 Claims. (Cl. 74—470)



1. A safety transmission for vending machines and the like, comprising a movable member, means for holding said member substantially immovable at times, a depressible plunger, and an elastic member connecting said plunger and movable member and having sufficient stiffness to move said movable member when said plunger is depressed and having a portion extending substantially in the direction of motion of said plunger and adapted to buckle when said movable member is immovable and said plunger is depressed.

2,449,044
BLANK FEEDER MEANS
Gustave A. Anderson, New York, N. Y., assignor to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York
Application January 28, 1946, Serial No. 643,880
9 Claims. (Cl. 112—203)



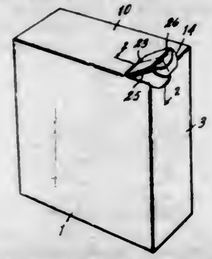
1. In a handkerchief making machine, apparatus for advancing blanks toward sewing machines which simultaneously sew their side edges into hems, the forward and rear edges of the blanks having been previously hemmed, said advancing apparatus comprising, support means for the side edges of a blank, endless chain means disposed above said support means, said chain means carrying gripping means for successively engaging handkerchief blanks when said chain means is actuated, and for moving said blanks on said support means to a point adjacent the presser feet of the sewing machines, and auxiliary feeder means having an element for engaging the inner edge of the forward hem of a handkerchief blank moved to said point for moving the blank the remainder of the distance to a point where the side edges of the blank are positioned beneath the presser feet of the sewing machines.

2,449,045
EXPANSIBLE FISHHOOK
Francis P. Athans, Fort Worth, Tex.
Application January 17, 1947, Serial No. 722,539
2 Claims. (Cl. 43—36)



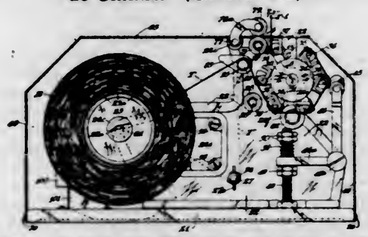
1. A fish hook comprised of a pair of shanks having hooks at corresponding ends thereof and including a spring therebetween for normally diverging the same, and a lateral bend in one of said shanks for engaging the other of said shanks when said hooks are in their expanded position, and a smaller lateral bend on the first named bend for detachably engaging the other of said shanks.

2,449,046
DISPENSING CONTAINER
Wilbur L. Barnes and James J. Harrison, Battle Creek, Mich., assignors to Michigan Carton Company, Battle Creek, Mich., a corporation of Michigan
Application May 9, 1946, Serial No. 668,340
6 Claims. (Cl. 229—17)



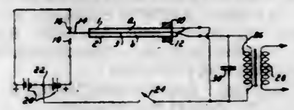
4. A dispensing container comprising walls provided with overlapping inner, outer and intermediate closure flaps adhesively secured together, the inner flap having a tucking tongue on one end thereof disposed within the container when the closure flaps are closed and constituting a pouring opening closure tucking flap, the inner closure flap and the other overlapping closure flaps having adhesively connected break-out sections for providing a pouring opening and a closure therefor, the break-out sections being defined by substantially aligned scores, the wall from which the intermediate flap extends having a fracturing score extending across the break-out section of the intermediate flap, the outer flap having a hinging score at its inner end, the other scores being fracturing scores, said hinging score of the outer flap constituting the sole hinge means for the closure for the pouring opening.

2,449,047
AUTOMATIC ADHESIVE TAPE DISPENSER
Arthur A. Anderson, Rose Township, Ramsey County, Minn., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn., a corporation of Delaware
Application June 27, 1941, Serial No. 400,143
18 Claims. (Cl. 164—68)



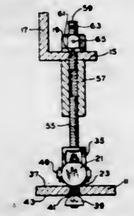
1. In a device for dispensing tape, means for holding a supply roll of tape, a cutter wheel adapted to receive tape from the roll and an anvil member adjacent to said cutter wheel, said cutter wheel having tape-gripping means positioned thereon adapted to contact a portion of the tape, severing means on said wheel positioned in such a manner that the tape passes over said severing means when it is trained around the wheel, the said wheel being positioned so as to press the severing means against the anvil member as the wheel rotates, thereby severing the tape with the severed portion still held by the tape-gripping means.

2,449,048
DEVICE FOR TRANSFORMING DIRECT CURRENT INTO ALTERNATING CURRENT OR VICE VERSA
Palle Niels Bendixen, Copenhagen, Denmark
Application February 8, 1946, Serial No. 646,387
In Denmark February 18, 1944
3 Claims. (Cl. 175—363)



1. A device of the kind referred to, comprising a pair of opposed contacts, a contact member for alternatingly co-operating with said contacts, a piezo-electric crystal element composed of a pair of crystal members connected together, said crystal element carrying said contact member, an intermediate electrode disposed between said crystal members, outer electrodes disposed on the outer faces of said crystal members, and means controlled by said contact member and pair of contacts for imposing alternating voltage on said intermediate electrode and said outer electrodes.

2,449,049
ADJUSTABLE SUPPORT
Eric A. Black, Red Bank, N. J.
Application March 9, 1945, Serial No. 581,816
7 Claims. (Cl. 248—361)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An adjustable support for a load comprising two substantially flat, parallel, spaced, bearing surfaces, facing away from each other; two roller members; each such member being provided with a curved rolling surface in substantially rollable contact with one of said bearing surfaces, the axes of said rolling surfaces being parallel to each other and to the bearing surfaces; means to hold said roller members in substantially fixed spaced disposition relative to each other; a leg member; the proximal extremity of said leg member being pivotably secured to one of said roller members, the pivoting axis being substantially perpendicular to the axes of the rolling surfaces; and means on the distal extremity of the leg member receivable to a load.

2,449,050
CATALYTIC CONVERSION OF HYDROCARBONS WITH A CERIUM PHOSPHATE CATALYST
George R. Bond, Jr., Paulsboro, N. J., and George Alexander Mills, Ridley Park, Pa., assignors to Houdry Process Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 1, 1946, Serial No. 651,426
5 Claims. (Cl. 196—52)

1. In the catalytic production of valuable hydrocarbon materials, the process which comprises

subjecting a hydrocarbon oil under catalytic cracking conditions to contact with a catalyst comprising a cerium phosphate as the principal catalytically active component present therein.

2,449,051

LIQUID PHASE REFINING OF PETROLEUM HYDROCARBON PRODUCTS

Ferdinand W. Breth and Anthony Kinsel, Petrolia, Pa., assignors to L. Sonneborn Sons, Inc., a corporation of Delaware

No Drawing. Application March 8, 1946, Serial No. 653,128
13 Claims. (Cl. 196—147)

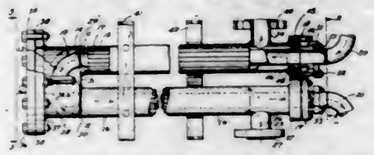
1. In the method of refining petroleum hydrocarbons, the improvement which comprises subjecting a mass of particled petroleum hydrocarbon refining mineral adsorbent to vibration for a period sufficient to obtain an over-all volume reduction of said mass of adsorbent of at least approximately 5% and thereafter filtering a petroleum hydrocarbon in liquid phase through the said volume reduced adsorbent thus vibrated.

2,449,052

HEAT EXCHANGER

John W. Brown, Jr., Lakewood, Ohio, assignor to Brown Fintube Company, Elyria, Ohio, a corporation of Ohio

Application January 13, 1945, Serial No. 572,627
4 Claims. (Cl. 285—20)



1. In a heat exchanger embodying an outer tube and an inner tube adapted to join a connecting pipe, means for connecting the inner tube to such a pipe and to the outer tube comprising an outwardly facing shoulder near the end of the outer tube, an enlarged end on the inner tube having a maximum diameter less than the minimum diameter of the outer tube and providing an inwardly facing shoulder near the end of the inner tube, interlocking means adapted to engage between the shoulder of the outer tube and the shoulder of the inner tube for limiting inward movement of the inner tube in the outer tube, a sealing surface adjacent one end of the outer tube, a sealing surface on the enlarged end of the inner tube, a sealing ring adapted to seal against the sealing surfaces of both said tubes, said connecting pipe having a sealing surface adjacent one end thereof, means connected to said outer tube for drawing said sealing ring simultaneously against said inner and outer tube sealing surfaces, and means connected to said outer tube for drawing the connecting pipe into sealing engagement with the inner tube.

2,449,053

LEAK DETECTOR

Henry L. Burns, Yellow Springs, Ohio, and James H. Thomas, Minneapolis, Minn.

Application November 28, 1944, Serial No. 565,560
4 Claims. (Cl. 73—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A leak detector for a demand type mask provided with an inlet hose and a male hose-coupling on said hose, said detector comprising a casing having an opening in the top thereof, a cap covering the said opening and having a female fitting thereon adapted to receive the said male hose-coupling, a bottom cover for the said casing having an opening in the bottom thereof, a closure plate covering the said opening in the cover, a bellows having its opposite ends disposed in the openings respectively of the casing and the cover and engaged between the casing and the cap at one end and between the cover and the closure

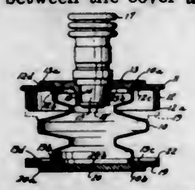


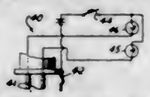
plate at the other end, the female fitting on the cap opening into the said bellows and the said cap and closure plate being secured to the casing and cover respectively to clamp the ends of the bellows therebetween and provide a leaktight enclosure except for the opening in the female fitting, and means to secure the male hose-coupling in the said opening in the female fitting so that the hose connects with the interior of the bellows and provides the only inlet and outlet for the flow of air into and out of the said bellows.

2,449,054

FLUID MASS MEASURING DEVICE

John H. Cantlin, North Andover, Mass.

Application July 21, 1945, Serial No. 606,461
4 Claims. (Cl. 177—311)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a fluid-containing cylinder adapted to confine a quantity of fluid under pressure, said fluid being capable of existing in a gaseous state, in a liquid state or in both gaseous and liquid states within the cylinder at varying ambient temperatures, apparatus for determining an approximation of the total weight of fluid within the cylinder comprising, a buoyant member within the cylinder and having a length coextensive with and substantially equal to the height of free fluid space in the cylinder, means to limit the buoyant member to movements in the direction of its length, indicating means to give definite responses to the buoyant force acting on the buoyant member for indication of at least two different and predetermined weights of fluid within the cylinder, said indicating means including a plurality of electrical contacts contained within the cylinder, and one of said contacts being carried on the buoyant member and being yieldable under increase of said buoyant force above a predetermined value.

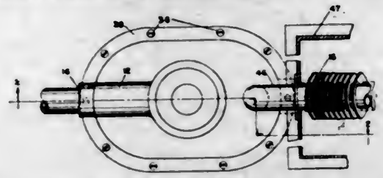
2,449,055

FLASH STEAM ELIMINATOR

Clifford C. Carson, Washington, D. C.

Application September 7, 1945, Serial No. 615,063
8 Claims. (Cl. 237—68)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

5. Apparatus for removing at its source flash steam from steam and condensate conducting lines of a heating system comprising a pair of interconnected high and low pressure chambers, an inlet for providing passage of said heating system exhaust steam and condensate into said high pressure chamber, a trap within said high pressure chamber for trapping and condensing steam flowing therein, valve means for permitting flow of condensate from said high to said low pressure chamber, a heat exchanger for receiving



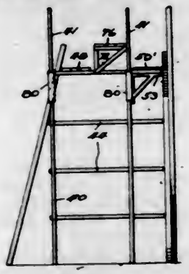
flash steam from and for returning the resulting condensate to said low pressure chamber, an outlet for permitting the return to said system of the condensate received in said low pressure chamber and a separate passage from said inlet to said outlet including a thermostatic valve through which air entrapped in the lines of the system may flow to bypass both the high and the low pressure chambers.

2,449,056

SAFETY SCAFFOLD POLE

Howard H. Clark, Kent, Ohio

Original application June 15, 1942, Serial No. 447,113. Divided and this application July 11, 1945, Serial No. 604,469
18 Claims. (Cl. 304—37)



1. Scaffolding comprising superposable uprights each including a pair of spaced parallel side bars, spacers located at intervals between said side bars and secured thereto, and means for maintaining superposed uprights in alinement comprising complementary stepped ends on said uprights including a spacer at the joint between said uprights, a channel bar secured to the inner face of one of said side bars in position to embrace the spacer, and removable securing means extending transversely of the joint.

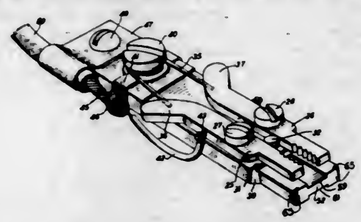
2,449,057

ELECTRICAL TESTING DEVICE

Francis W. Clayden, Bronxville, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application April 14, 1945, Serial No. 588,400
8 Claims. (Cl. 173—324)

1. A tool for testing the conductivity of terminals in layers in a bank comprising a pair of jaws, a guide member attached thereto for insertion between two adjacent layers of terminals, and paired projections on said member to engage the edges of terminals in said two adjacent layers



to guide said jaws to engage accurately a terminal in another layer.

2,449,058

PLASTICIZING AND VULCANIZATION OF BUTADIENE-ACRYLIC NITRILE COPOLYMER

Loring Coes, Jr., Brookfield, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

No Drawing. Application December 27, 1945, Serial No. 637,490
6 Claims. (Cl. 51—298)

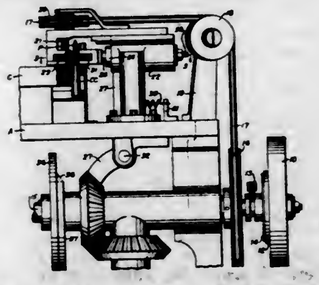
1. The method of curing butadiene-acrylic nitrile copolymer which comprises preparing a mix of said copolymer, an ester of an alcohol containing from two to six carbon atoms selected from the group consisting of the alkyl, alkoxy alkyl, hydroxy alkyl, alicyclic, benzyl and furfuryl alcohols and a dicarboxylic acid containing from two to ten carbon atoms, and a catalyst which is non-acidic at temperatures below room temperature but which provides acid selected from the group consisting of hydrochloric acid, sulphamic acid and toluene sulphonic acid at temperatures of 100° C. and above and which acid catalyst is solid at room temperature, the combination of said ester and the acid catalyst being the sole curing agent, and after a thorough mixing of the above heating to a temperature of at least 100° C. thereby producing a cured rubber-like copolymer.

2,449,059

BULLET LOOSENING IMPROVEMENTS IN CARTRIDGE DISASSEMBLING MACHINES

Frank E. Costello, Philadelphia, Pa.

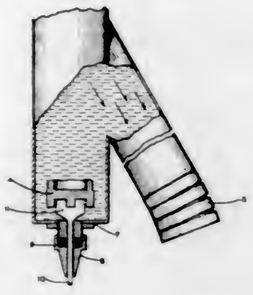
Application September 3, 1946, Serial No. 694,442
3 Claims. (Cl. 86—1.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a machine for removing a frangible bullet from the cartridge case on which the bullet is

carried, means for loosening the bullet in the neck of the cartridge case, including, a pair of rollers separated by a sufficient space to allow the rollers to bear on the neck of the cartridge case, one of said rollers being slidably mounted, and a spring stressing said slidably mounted roller into yielding engagement with the neck of the cartridge case.

2,449,060
FLUID DRAINING DEVICE
Herbert D. Daigle, Providence, R. I.
Application August 1, 1945, Serial No. 608,336
1 Claim. (Cl. 222—566)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

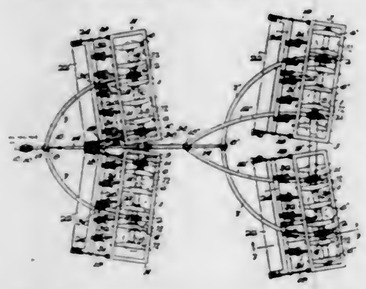


A draining device adapted to be detachably associated with a container to be drained of its fluid contents through a removable drain plug, said draining device comprising a substantially cylindrical body member provided with an open intake end, said body member when in operative position having said open intake end in engaging contact with an area of said container surrounding said drain plug, a base plate secured to and closing said body member opposite said open intake end, a drain plug extracting means, said extracting means comprising means within said body member for gripping said drain plug, a guide rod extending through a fluid seal opening in said base plate, said gripping means being secured to an end of said guide rod, said guide rod and said gripping means being movable with respect to said body member independently in rotary and longitudinal directions, the end of said guide rod opposite said gripping means providing means for imparting movement to said guide rod, said gripping means when moved longitudinally towards said intake end becoming positioned to engage said drain plug to permit its extraction from said container by rotation thereof, said drain plug after extraction being retained by said gripping means, a fluid discharge conduit attached and opening into said body member, said body member extending from its intersection with said discharge conduit and providing a trap extending to said base plate, said trap being adapted to retain said gripping means and said drain plug during the draining of said container through said discharge conduit upon longitudinal movement of said guide rod away from said open end, the depth of said trap from said intersection to said base plate being greater than the combined longitudinal thickness of said gripping means and said drain plug whereby said trap precludes loss of said drain plug through said discharge conduit.

2,449,061
CONVERSION OF HYDROCARBONS IN THE PRESENCE OF A CATALYST COMPRISING ALUMINA AND AN OXYFLUORIDE OF BERYLLIUM, TITANIUM, OR ZIRCONIUM
Samuel M. Darling, Cleveland, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application August 21, 1946, Serial No. 692,125
4 Claims. (Cl. 196—52)

1. A method of converting higher boiling hydrocarbon to lower boiling products which comprises subjecting said hydrocarbon to cracking conditions of temperature and pressure in the presence of a catalyst comprising alumina to which has been added a separately formed metal oxyfluoride of the group consisting of beryllium oxyfluoride, titanium oxyfluoride, and zirconium oxyfluoride as the essential and primary promoter.

2,449,062
AGRICULTURAL MACHINE
Edward Bradley Dewey, Washington, D. C.
Original application February 3, 1944, Serial No. 520,940. Divided and this application August 19, 1944, Serial No. 550,265
4 Claims. (Cl. 55—12)

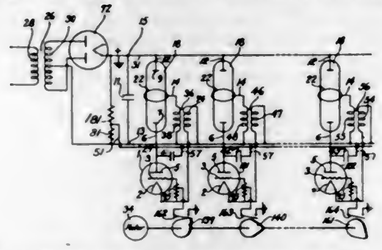


1. An agricultural machine comprising frames disposed end to end; connecting means pivotally connecting the inner ends of the frames together; means for shifting the frames into and out of axial alignment transversely of the direction of pull; adjustable axle sections carried by the frames respectively and disposed substantially end to end transversely of the direction of pull; opposed series of spaced concavo-convex ground engaging discs carried by the axle sections respectively; a series of spaced cutting wheels carried by each frame in advance of the discs and disposed transversely of the direction of pull; means carried by each frame in advance of the cutting wheels for rolling the ground surface; and means for yieldably urging the rolling means and cutting wheels into contact with the ground.

2,449,063
ELECTRIC SYSTEM
Harold E. Edgerton, Belmont, Mass.
Application November 19, 1943, Serial No. 510,984
17 Claims. (Cl. 177—329)

1. A flash-producing system having, in combination, a plurality of flash-lamps each provided with a cathode, an anode and a control electrode, each flash-lamp being provided with a transformer for energizing the corresponding control electrode, a condenser for discharging through the flash-lamps between the anodes and the cathodes thereof to cause the flash-lamps to flash,

means for charging the condenser before each discharge, and a motor-driven switch for energizing the transformers in succession to energize

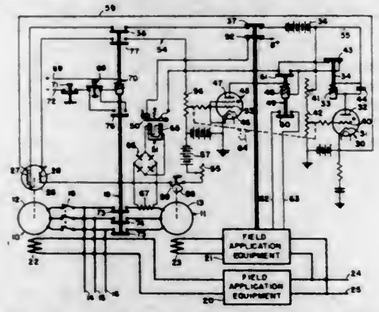


the corresponding control electrodes in succession, thereby to discharge the condenser through the flash-lamps in succession.

2,449,064
METHOD OF FERMENTING WHEY
Emmet R. Engel, Berwyn, Ill.
No Drawing. Application January 10, 1945, Serial No. 572,243
10 Claims. (Cl. 99—35)

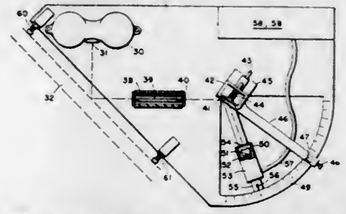
1. A method of making a whey product which consists in preparing a yeast culture of whey, sugar and yeast; mixing whey, sugar and the culture together; maintaining the mixture at 58–72° F. for about three days; maintaining the mixture at 50–66° F. for about six days and decanting the liquid; maintaining at 45–50° F. for ten to forty-four days, depending upon the flavor desired, and decanting the liquid; maintaining at a freezing temperature long enough to concentrate the liquid to a desired proof and to fix the flavor selected in the previous step; subjecting to an initial stabilization period at about 50° F. until marked ebullition occurs and subsides accompanied by a rise in temperature, followed by decanting the liquid; and subjecting to a final stabilization period at 45–50° F. for a period, the end of which is characterized by marked effervescence.

2,449,065
CONTROL SYSTEM FOR SYNCHRONOUS MOTORS
Leonard Freinkel, Washington, D. C.
Application March 12, 1946, Serial No. 653,920
6 Claims. (Cl. 318—41)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a control system for synchronous motors, an alternating current source, a first synchronous motor having armature and field windings, means connecting the armature winding to said alternating current source, means connecting the field winding to a direct current source, a second synchronous motor having armature and field windings, means connecting the armature winding of said second motor to said alternating current source, field application equipment for connecting the field winding of said second motor to a direct current source, an electric discharge device having an anode circuit adapted upon the flow of anode current therethrough to actuate said field application equipment, a source of current for said anode circuit, means rendering said discharge device conductive of said anode current upon disposition of the rotary member of said second motor in a predetermined angular rotational position simultaneously with disposition of the rotary member of said first motor in any one of a plurality of predetermined angular rotational positions, and means interrupting the anode circuit during a portion of each revolution of the rotary member of said first motor to prevent the flow of anode current while the rotary member of said first motor is disposed in some but not all of said plurality of angular rotational positions.

2,449,066
ANALYSIS BY FLUORESCENT X-RAY EXCITATION
Herbert Friedman, Arlington, Va.
Application July 19, 1946, Serial No. 684,908
9 Claims. (Cl. 250—71)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

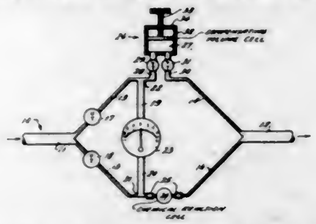


6. The method of quantitatively analyzing a material for an element or elements therein, comprising, exposing a specimen of said material to a beam of X-rays of a wavelength which excites the fluorescent X-ray spectrum of at least one of the elements of said specimen, monochromatizing a beam of said fluorescent radiation by reflection from a crystal, measuring the intensity of the reflected radiation by electronic counting, transforming the counter impulses into a sensible indication, comparing the intensity of said beam with the intensity of a like beam obtained in like manner from a material of known composition thereby to obtain an indication of the composition of the unknown specimen.

2,449,067
CONSTANT FLOW GAS ANALYZER
Victor Guillemin, Jr., Dayton, Ohio
Application July 29, 1946, Serial No. 686,834
3 Claims. (Cl. 73—23)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

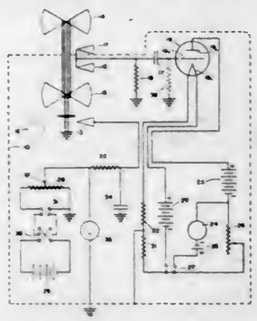
1. A fluid analyzing apparatus comprising, a fluid conduit divided into two flow passages in a portion thereof, each of said flow passages being divided into first and second flow tubes through which fluid is adapted to flow successively, said conduit having a means operatively associated with one of said flow passages for producing a

change of flow resistance in said second flow tube of said one flow passage, a manually adjustable volume compensating means in the other flow passage for equalizing the volume in the said second flow tube of said other flow passage with the volume in the said second flow tube of the said one flow passage including the said first mentioned means to prevent sudden surges of



fluid flowing through said fluid conduit from altering the proportional flow in said two flow passages, and a pressure responsive indicating means connecting the two said flow passages at the junction respectively of the said first and second flow tubes for indicating the pressure differential between said flow passages resulting from a change of flow resistance upon operation of said first mentioned means.

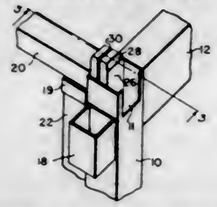
2,449,068
ELECTRIC FIELD OR POTENTIAL INDICATOR
Ross Gunn, Washington, D. C.
Application August 28, 1944, Serial No. 551,595
8 Claims. (Cl. 171—95)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



7. The method of measuring an unknown electrostatic field with two field sensitive elements comprising periodically exposing one sensitive element to the unknown field to generate a periodic electrical signal, synchronously exposing the other sensitive element to another and known field periodically to generate another periodic electrical signal, combining the signals, and amplifying and indicating the combined signals.

2,449,069
SECTIONAL SCAFFOLD
Hugh Adam Harrison, Waterloo, Iowa
Application November 21, 1946, Serial No. 711,256
12 Claims. (Cl. 304—2)

4. A disconnectible joint for use in assembling the structural elements of a sectional scaffold comprising, a vertical tubular standard of rectangular cross section having an open top provided with rectangular notches in a pair of its opposite side walls, vertically disposed sockets attached to opposite side walls of said standard below said notches, a pair of frames having vertical members engageable in said sockets and horizontal beams engageable in said notches, and vertical, tapered, split studs attached to the ends of said beams and adapted to be partially received



within the open top of said standard, each of said studs being approximately one-half the internal width of said standard whereby the latter may accommodate a pair of studs of adjacent frames and including portions adapted to extend exteriorly and upwardly from said standard to receive the open bottom portion of an adjacent standard.

2,449,070
PROTECTIVE COATING FOR USE IN MANICURING
Ethel Hauser, St. Louis, and Peter Kovol, Maplewood, Mo.; said Kovol assignor to said Hauser
No Drawing. Application May 22, 1947, Serial No. 749,870
6 Claims. (Cl. 167—85)

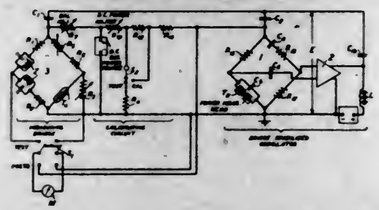
2. A flowable composition for applying to the fingers prior to applying nail polish to bound the nail and define a nail polish receiving area thereof; the composition consisting essentially of a waxy material, a cellulose derivative and a volatile solvent therefor, and a compatible softener plasticizing the waxy material; the waxy material and compatible softener together constituting the major quantity of non-volatile ingredients, and the composition having the property of forming a substantially non-drying film impenetrable to nail polish.

2,449,071
CATALYST FOR THE SYNTHESIS OF HYDROCARBONS
Charles O. Hawk, Norma R. Stern, and Lawrence J. E. Hofer, Pittsburgh, Pa., assignors to the United States of America, as represented by the Secretary of the Interior
No Drawing. Application November 7, 1945, Serial No. 627,271
12 Claims. (Cl. 260—449.6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A catalyst for the synthesis of liquid and solid hydrocarbons from hydrogen and carbon monoxide consisting essentially of the reduction products of a mixture of precipitated ferric oxides in which from one to sixty percent by weight is in the meta form, the balance of said oxides being essentially in the ortho form.

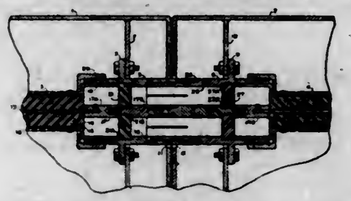
3. In a process for the production of liquid and solid hydrocarbons from hydrogen and carbon monoxide, the step of reacting a mixture of hydrogen and carbon monoxide at an elevated temperature and pressure in the presence of an iron oxide catalyst comprising a mixture of ortho- and meta-ferric oxides containing from one to sixty percent of the meta form and from ninety-nine to forty percent of the ortho form.

2,449,072
WATTMETER CIRCUIT
Edward W. Houghton, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 28, 1947, Serial No. 737,948
17 Claims. (Cl. 171—95)



1. A high frequency power measuring circuit comprising in combination a bridge network having four arms, one of which arms includes a thermistor, means for applying the high frequency power to be measured to said thermistor to tend to change its temperature and consequently its resistance, a separate source of variable power connected to said bridge adapted to automatically supply variable power thereto to maintain it in substantial balance irrespective of conditions tending to change the temperature and resistance of the thermistor, an indicating bridge also having four arms connected to said source of power and including an indicating instrument across a diagonal thereof for indicating a change in power supplied by the power source to the first bridge, a thermistor also included in one arm of the indicating bridge and a variable impedance connected in circuit with the last-named thermistor to adjust the power it receives from said variable power source, whereby said last-named thermistor may be made to render the indicating bridge insensitive to ambient temperature variations and sensitive only to any high frequency power applied to the first-named thermistor.

2,449,073
COAXIAL LINE CONNECTOR
John D. Johannesen, United States Navy
Application August 6, 1945, Serial No. 609,313
3 Claims. (Cl. 174—21)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A quick detachable coaxial line fitting comprising, an outer cylindrical conductor, an inner cylindrical conductor disposed coaxially with said outer conductor, said outer and said inner conductor having respective characteristic inner and outer diameters such that, with air as the separating medium, an uninterrupted characteristic impedance is provided, said outer conductor comprising a principal female socket part and a principal male plug part, said socket part being slidably engageable in such a manner with said male plug part that said plug and socket parts are disposed one within the other for a portion of their lengths in the engaged condition, said socket part being provided at its engaging end with an internal chamfer to facilitate the engagement of said plug and socket parts, said socket part also being provided with an internally recessed portion over the length of its engagement with said plug part, said plug part being provided with a wall thickness over the length of its engagement with said socket part such as to result in a substantial continuity of said outer conductor characteristic inner diameter, said inner conductor comprising a principal female socket part and a principal male plug part, said socket part being slidably engageable in such a manner with said male plug part of said inner conductor that last said plug and socket parts are disposed one within the other for a portion of their lengths in the engaged condition, last said plug part and last said socket part each being associated in fixed relationship with one of the said principal parts of said outer conductor and having lengths such that partial engagement of said principal parts of said outer conductor may be achieved without contact between said principal parts of said inner conductor, last said plug part and last said socket part being provided with respective outer and inner diameters for the length of their engagement such as to result in substantial continuity of said inner conductor characteristic outer diameter in the fully engaged condition of said inner and outer conductors, last said socket part also being provided at its engaging end with an internal chamfer to facilitate the engagement of last said plug and socket parts, said plug and socket parts of said outer conductor each also being provided with an internal annular recess located beyond the engaging portions of last said plug and socket parts, said plug and socket parts of said inner conductor each also being provided with an external recess located opposite the said internal recess in the corresponding part of said outer conductor, two dielectric discs each fitted into one pair of said opposing recesses so as to provide, in the recessed regions, an impedance equal to said characteristic impedance and so as to maintain said fixed relationship between said parts of said inner and outer conductors, means for connecting the non-engaging ends of said outer conductor to the outer conductors of coaxial transmission lines, and means for connecting the non-engaging ends of said inner conductor to the inner conductors of said coaxial transmission lines.

2,449,074
LATCHING DEVICE
Edward M. Kealy, Long Beach, Calif.
Application August 11, 1945, Serial No. 610,377
7 Claims. (Cl. 292—6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



7. In a latch of the character described, a support member having a plunger receiving opening and cam slots formed therein, a plunger element positioned in the opening provided therefor, a swivel pin member articulatedly connected to the plunger and movable in the cam slots to translate reciprocal motion of the plunger into gyratory motion of the swivel pin, latch bolt means articulatedly connected to said swivel pin member and spring means for resisting motion of said plunger element and swivel pin linkage.

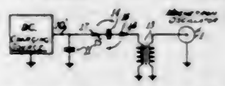
2,449,075
NONMAGNETIC ARMOR
Irvin R. Kramer, Washington, D. C.
No Drawing. Application January 23, 1945, Serial No. 574,183
1 Claim. (Cl. 148—31)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

A hard, ductile, non-magnetic steel armor plate consisting substantially of 11 percent manganese, 2.5 percent nickel, 0.60 percent silicon, and 0.90 percent carbon, the balance being iron and small quantities of residual elements commonly occurring as impurities in steel, made by the method, comprising cold-rolling the austenitic plate to a hardness of 363 Brinnell and heating the cold-rolled plate at a temperature of 450° C. to relieve internal stresses.

2,449,076
PROCESS OF EXTRACTING ANTIDIABETIC SUBSTANCE FROM PANCREAS
Carl Ludwig Lantenschläger and Fritz Lindner, Frankfort-on-the-Main, Germany; vested in the Attorney General of the United States
No Drawing. Application March 25, 1943, Serial No. 480,595. In Germany January 29, 1938
1 Claim. (Cl. 167—75)

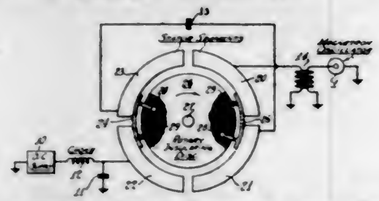
The process which comprises extracting the pancreas with a mixture of alcohol and hydrochloric acid at a temperature ranging from freezing to 15° C., separating the liquid extract from the remaining solid, adding ammonia to the liquid extract until the pH of the liquid extract is about 7.5, whereby a precipitate forms in the mother liquid, immediately separating such precipitate from the mother liquid by rapid centrifugating, immediately adjusting the pH of the liquid to about 3, concentrating said liquid by distillation under reduced pressure, adding to the concentrated liquid a solution of sodium chloride to cause the formation of a precipitate, separating the precipitate, dissolving the same in water, treating the resulting solution with a weaker solution of sodium chloride than that previously employed to produce a precipitate, dissolving said precipitate in water adjusting the solution to a pH value between about 6 and 8 and isolating the precipitate thus formed.

2,449,077
POWER CONVERTER
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application January 27, 1943, Serial No. 473,677
13 Claims. (Cl. 175—363)



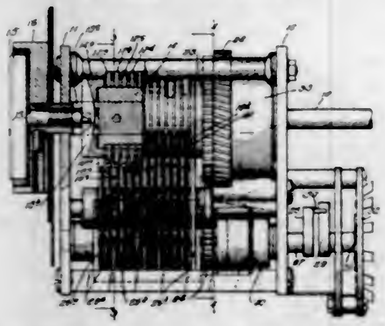
1. Apparatus for converting direct current power to periodically repeated spaced pulses of short duration, comprising a condenser having in electrical parallel relation thereto the series circuit of another condenser and an inductance coil, one of said condensers having a capacity which is at least several times larger than the other, a source of direct current charging voltage connected across said condenser of larger capacity, and means for periodically reversing the connections of the smaller of the two condensers relative to the larger condenser and the inductance coil, and a load coupled to said inductance coil.

2,449,078
COMMUTATOR APPARATUS
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 15, 1943, Serial No. 479,220
5 Claims. (Cl. 200—26)



1. In apparatus for converting direct current power to higher voltage unidirectional current pulses, a commutator comprising four equal length arcuate-shaped stator segments or bars of metallic material arranged on a circle, or integral multiples thereof, said segments being insulatingly spaced from one another by equal length air gaps, a pair of similarly dimensioned arcuate-shaped spaced brushes which are shorter than said stator segments and mounted on a rotatable insulating support whose axis of rotation is the center of said circle, said brushes being adapted to slide over those circumferential surfaces of the stator segments which face toward the center of said circle, said brushes being movable in a radial direction in the space between the insulating support and the interior surfaces of said stator segments, whereby the centrifugal force engendered by rotation of said support causes the brushes to move outwardly and assure electrical contact with said stator segments, each brush having a length of contact surface sufficient to bridge one of said gaps, said brushes being so spaced on said support that they bridge the gaps between different pairs of stator segments, a motor continuously driving said rotatable support, and electrical circuit connections to all of said stator segments.

2,449,079
TUNING DEVICE RATCHET
Richard W. May, Cedar Rapids, Iowa, assignor to Collins Radio Company, a corporation of Iowa
Application January 7, 1944, Serial No. 517,408
8 Claims. (Cl. 74—10)



1. In apparatus for automatically positioning a shaft and having driving means so arranged that the shaft is first rotated in one direction until stopped at a terminal position, and then rotated in the other direcion until stopped at a preselected position, the selection being effected by a rotatable member adapted to be driven in only one direction, means for connecting the driving means and rotatable member, including: a rotatable driving part; a rotatable driven part, said parts having coaxial cylindrical surfaces; and frictionally operative means instantly providing driving connection between said parts upon rotation of the driving part in the first mentioned direction, this means comprising a helical spring at least partially wrapped around each of said surfaces.

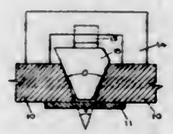
2,449,080
COMPOSITION FOR CONTROL OF POULTRY COCCIDIOSIS
Orley J. Mayfield, Neal F. Morehouse, and Arthur W. Walde, Charles City, Iowa, assignors to Dr. Salsbury's Laboratories, a corporation of Iowa
No Drawing. Application December 6, 1940, Serial No. 368,912
12 Claims. (Cl. 167—53.1)

9. A composition for the control of coccidiosis in poultry by oral administration comprising a vehicle adapted for oral ingestion containing a substance from the group consisting of phenylarsonic acid, p-hydroxy phenylarsonic acid and water soluble salts thereof, in the approximate concentration range of 0.2% to 0.025%.

2,449,081
COMPOSITION FOR CONTROL OF POULTRY COCCIDIOSIS
Orley J. Mayfield, Neal F. Morehouse, and Arthur W. Walde, Charles City, Iowa, assignors to Dr. Salsbury's Laboratories, a corporation of Iowa
No Drawing. Application July 3, 1942, Serial No. 449,672
15 Claims. (Cl. 167—53.1)

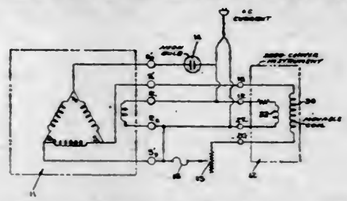
12. A composition for the control of coccidiosis in poultry containing a water soluble salt of p-hydroxy phenyl arsonic acid in the approximate concentration range of 0.023% to 0.061%.

2,449,082
METHOD OF PREVENTING DISTORTION IN BUTT-WELDED PLATES
Louis P. McCabe, Hollis, N. Y.
Application April 5, 1946, Serial No. 659,740
4 Claims. (Cl. 113—112)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



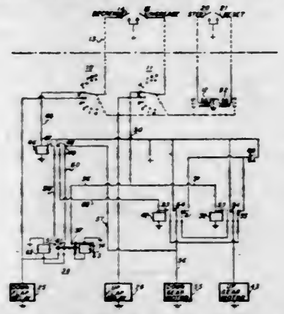
3. A method for preventing distortion of plates during the welding thereof comprising the steps of bevelling the facing surfaces to be welded so that said surfaces subtend an angle between 15° and 45°, and prior to the welding process, interposing against said opposing bevelled faces a wedge whose subtended angle is greater by 3° to 5° than the angle subtended by the bevelled surfaces, and applying a constant force against the butt of the wedge during the welding process.

2,449,083
METHOD OF AND APPARATUS FOR SETTING SELF-SYNCHRONOUS MACHINES ON ZERO
George Alfred Muir, New York, N. Y.
Application April 15, 1946, Serial No. 662,162
7 Claims. (Cl. 177—337)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A method of setting a self-synchronous machine on electrical zero position comprising applying an alternating current excitation to the rotor of said machine insufficient to cause rotation of said rotor, positioning said rotor to yield minimum induced voltage between a pair of the stator terminals of said machine, and generating signals to indicate the electrical zero position.

2,449,084
REMOTE CONTROL SYSTEM FOR AIRCRAFT LANDING GEAR AND LANDING FLAPS
Peter R. Murray, Dayton, Ohio
Application August 1, 1945, Serial No. 608,347
3 Claims. (Cl. 244—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a system for the remote control of an aircraft or the like equipped with means alternatively operable for raising and lowering the landing gear of the aircraft and other means alternatively operable for raising and lowering the flaps of the aircraft, said system including means for selectively controlling the operational functions of the aircraft comprising a plurality of jointly operable stepper switches, a first function-selecting switch effective when actuated while the stepper switches are in a first step position to raise the flaps and being further effective when actuated while the stepper switches are in a second step position to raise the landing gear, and a second function-selecting switch normally effective when actuated while the stepper switches are in a first step position to lower the flaps and being further normally effective when actuated while the stepper switches are in a second step position to lower the landing gear, means for enabling the second function selecting switch to control the lowering of both the landing gear and the flaps while the stepper

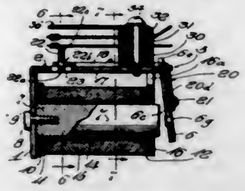
switches are maintained in said second step position comprising a first relay operated once for each actuation of the second function-selecting switch, a second relay arranged to be operated and held energized through a holding circuit for a given operation of said first relay, said gear-operating means being controlled by said second relay for lowering the landing gear when said second relay is energized, and a third relay having contacts and mechanical latching means therefor and effective upon release of said first relay while said second relay is held energized through its holding circuit to actuate and latch said contacts, said flap-operating means being controlled by said third relay and effective upon operation of said first relay while said third relay is in a latched condition to lower the flaps of the aircraft.

2,449,085
SUBMERSIBLE SEISMOMETER SYSTEM
Raymond A. Peterson, Pasadena, Calif., assignor, by mesne assignments, to United Geophysical Company, Inc., Pasadena, Calif., a corporation of California
Application December 12, 1944, Serial No. 567,891
7 Claims. (Cl. 177—352)



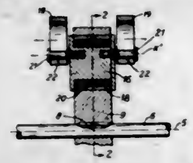
1. Means for coupling a seismic detecting device to a water medium carrying seismic waves, which comprises a float for floating at the surface of the water and a platform adapted to be submerged in the water suspended from the float and adapted to have placed thereon the seismic detecting device, the platform being non-resonant at frequencies within the effective seismic wave range and being sufficiently rigid to be set into vibration as a whole in correspondence with seismic waves in the water.

2,449,086
ELECTRIC RELAY
Osborne I. Price, Frederick, Md.
Application January 7, 1947, Serial No. 720,557
9 Claims. (Cl. 200—104)



8. An electric relay comprising an angle member of magnetic material, a magnetic core carried by one side of said angle member and extending to a position substantially coincident with the end of the other side of said angle member, an operating winding associated with said magnetic core, the last mentioned side of said angle member terminating in a pair of angularly disposed spaced tongues, an armature having a pair of oppositely directed lugs rockably supported on said tongues in a position adjacent the end of said magnetic core, an actuating member having an actuating portion extending substantially the length of the last mentioned side of said angle member and terminating in a head portion disposed in a plane extending substantially at an obtuse angle to the actuating portion thereof, the head portion of said actuating member having a pair of oppositely directed edge portions, means coupling the head portion of said actuating member and said armature for clamping the oppositely extending lugs of said armature and the oppositely directed edge portions of said head portion on opposite sides of said angularly inclined tongues whereby said armature is maintained at an obtuse angle to the axis of said core when the actuating portion of said actuating member is moved to contacting relation with said angle member and whereby said armature is moved to a position substantially parallel with the end of said core when the actuating portion of said actuating member is displaced away from said angle member, an insulated support carried by said angle member and bridging the actuating portion of said actuating member, a spring pile-up assembly mounted on said insulated support and a T-shaped insulator carried by the actuating portion of said actuating member and extending toward said spring pile-up assembly and serving as an actuating abutment therefor, said angle member being recessed in alignment with said T-shaped insulator for allowing said T-shaped insulator to extend therethrough.

2,449,087
OSCILLATION REDUCING DEVICE
Francois Marie Michel Bernard Salomon, Paris, France
Original application August 16, 1939, Serial No. 290,433. Divided and this application May 25, 1945, Serial No. 595,837. In Luxembourg August 17, 1938
14 Claims. (Cl. 74—574)

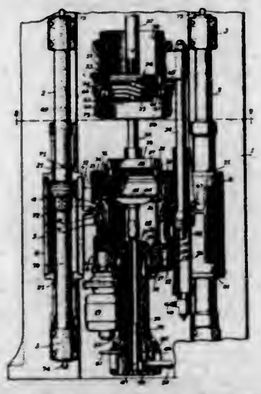


1. In apparatus of the class described, a rotatable member, a damping mass carried by said member for movement relative thereto, yielding means completely surrounding at least a part of said mass and engaging said member, and a freely swinging pendular damping mass carried by first-named mass.

2,449,088
OCTA-CHLORO-BIPHENYL QUINONE
Franklin D. Smith, Webster Groves, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application July 23, 1945, Serial No. 606,723
1 Claim. (Cl. 260—396)

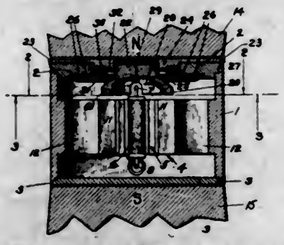
As a new product, octa-chlorobiphenyl quinone.

2,449,089
HEAT-TREATING APPARATUS
Howard E. Somes, Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio, a corporation of Ohio
Application October 7, 1944, Serial No. 557,606
3 Claims. (Cl. 266—6)



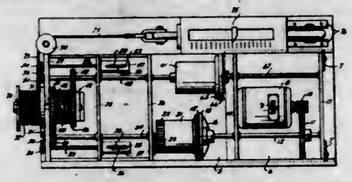
1. Work holding apparatus adapted to be used for centering and holding an annular workpiece along a longitudinal axis of movement, as for heat treating operations in which the workpiece and a heating head have axial movement relative to each other, and the like, comprising a pair of rotatable members relatively axially movable into and out of cooperative position with respect to the workpiece, means for rotating one of said members, said members including annular means operative in said cooperative position to engage the opposite ends of the workpiece, one of said members having an annular skirt portion extending toward the other member and a sleeve surrounding said skirt portion and guided thereby for axial movement only relative thereto, the other of said members having an annular ring element facing said sleeve, operative in said cooperative position to frictionally engage said sleeve and effect rotation of said one member from said other member, spring means urging said sleeve toward said annular ring element, and means for effecting the relative movement of said members.

2,449,090
TEMPERATURE COMPENSATED MAGNETRON
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application February 11, 1943, Serial No. 475,562
8 Claims. (Cl. 250—27.5)



1. An electron-discharge device comprising: a cathode: an anode structure spaced from said cathode and including a cavity resonator; a conducting member supported within said anode structure in spaced relationship to said cavity resonator, and forming therewith a capacitor; and a thermally-responsive element, disposed intermediate said anode structure and said conducting member, for controlling the spacing between said conducting member and said cavity resonator to tune said device as a function of the temperature thereof.

2,449,091
MACHINE FOR TESTING CLUTCH AND BRAKE ASSEMBLIES
Richard G. Starling, Harviell, Mo.
Application January 23, 1945, Serial No. 574,173
4 Claims. (Cl. 73—121)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A machine for simultaneously testing both the clutch and the brake assemblies of the type wherein each of said assemblies includes a pair of elements having frictional engagement, said machine comprising two pairs of holding members, one pair for holding the companion clutch elements and one pair for holding the companion brake elements in operative frictional engagement, differential gear means operatively connecting one of the clutch holding members with one of the brake holding members, means for driving one of the two remaining holding members and also means for holding the last of said holding members, a pair of individual loading pressure indicators, means operatively connecting one thereof with the clutch and the other with the brake, a dynamometer and means operatively connecting it with said member-connecting differential gear means to be actuated thereby during the operation of the machine to indicate simultaneously the range of the torque loading of the combined clutch and brake assemblies.

2,449,092
SCRAPING IMPLEMENT
Donald L. Struble, Marshall, Mich.
Application July 26, 1947, Serial No. 763,865
2 Claims. (Cl. 15—236)



1. A meat scraper including a plurality of nested loops of highly resilient strip material in-

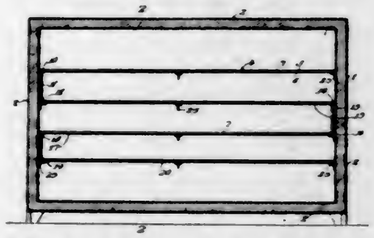
creasing in diameter from the innermost loop outwardly, a handle projecting radially from the outermost loop, and means passing through said loops and extending axially into said handle and engaging therein, said means acting to clamp said loops together and pressing said loops together while simultaneously affixing them to the handle, said loops being free for independent edgewise movement except at their points of engagement by said means.

2,449,093
CATHODE RAY TUBE CALIBRATION
Joseph Weingarten, New York, N. Y.
Application May 14, 1946, Serial No. 669,557
38 Claims. (Cl. 250—164)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A cathode ray tube having a light sensitive coating thereon exposed in accordance with a luminous pattern generated within said tube.

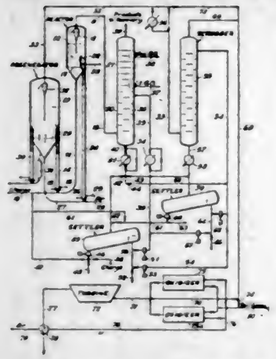
2,449,094
EVAPORATOR CONSTRUCTION
Harold E. Wheeler, Chicago, Ill.
Application April 7, 1944, Serial No. 529,965
2 Claims. (Cl. 62—126)



1. A refrigerator comprising a cabinet and a plurality of refrigerated shelves mounted within the cabinet and made from a single strip of extruded material bent to provide a plurality of horizontal shelf portions and an integral riser portion connecting a pair of said shelf portions, said strip having spaced longitudinal ducts formed therein and extending in said horizontal shelf and riser portions for the passage of refrigerant therethrough, and a foraminous grill forming a shelf extension supported in coplanar alinement with at least one of said horizontal shelf portions.

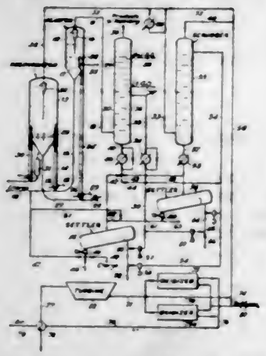
2,449,095
CATALYTIC CONVERSION SYSTEMS EMPLOYING FLUIDIZED SOLIDS
Harry K. Wheeler, Jr., and Robert J. Hengstebeck, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application March 29, 1945, Serial No. 585,490
4 Claims. (Cl. 196—52)

1. In a hydrocarbon conversion process effected with fluidized catalyst solids of small particle size wherein both an effluent product stream and an effluent regeneration gas stream contain residual solids, the method of operation which comprises introducing the effluent product stream at the base of a first scrubbing zone, scrubbing solids from said stream in said first scrubbing zone with a heavy hydrocarbon oil scrubbing liquid, introducing at least a part of



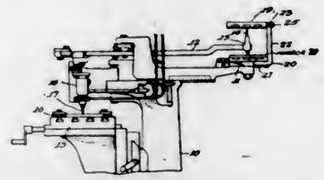
the scrubbing liquid from said first scrubbing zone into a second scrubbing zone, contacting said regeneration gas stream with said liquid in said second scrubbing zone for recovering solids from said regeneration gas stream, separating solids from said last-named scrubbing liquid and returning at least a part of said separated solids to said hydrocarbon conversion process.

2,449,096
POWER RECOVERY FROM CATALYTIC CONVERSION SYSTEMS EMPLOYING FLUIDIZED SOLIDS
Harry K. Wheeler, Jr., Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Original application March 29, 1945, Serial No. 585,490. Divided and this application January 15, 1948, Serial No. 2,434
4 Claims. (Cl. 196—52)



1. In a catalytic conversion system wherein solid catalyst material of small particle size is handled as a fluidized mass and continuously cycled from a conversion zone to a regeneration zone and thence back to a conversion zone and wherein a hot regeneration gas stream containing residual solid particles is discharged from the regeneration zone at superatmospheric pressure, the method of operation which comprises scrubbing said residual solids from said stream with a hot non-volatile hydrocarbon liquid in a scrubbing zone which is at a temperature of at least about 900° F. whereby solids are removed from said stream without cooling it below such temperature and impelling a generator of motive power with said stream from which residual solids have thus been removed.

2,449,097
ENGRAVING MACHINE
Albert L. Woody, Homewood, Ill.
Application February 21, 1944, Serial No. 523,293
7 Claims. (Cl. 90—13.1)



1. The combination with a pantograph engraving machine having the usual copyholder with a tracer point mounted above the copyholder and means for transmitting movement from the tracer point to the cutting tool, of a bracket secured to the copyholder, an auxiliary copyholder carried by said bracket and extending out over the tracer point with its face opposed to the face of the first named copyholder and serving to hold copy facing downwardly to coact with the upwardly extending tracer point, and a reflecting surface positioned below the tracer point for observing the action of the tracer point with respect to the copy.

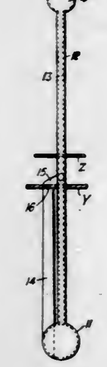
2,449,098
PROCESS FOR MAKING OILS FROM ACID SLUDGES RESULTING FROM THE SULFURIC ACID PURIFICATION OF COAL TAR DISTILLATES
Harry L. Allen and George J. Skriver, Philadelphia, Pa., assignors to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York
No Drawing. Application September 29, 1945, Serial No. 619,426
5 Claims. (Cl. 196—148)

1. The method for making an oil which comprises treating acid sludge, resulting from the sulfuric acid purification of coal tar distillate, with water under conditions to form a mass comprising acid pitch and aqueous relatively weak sulfuric acid, separating the acid pitch from at least most of the weak sulfuric acid, treating the acid pitch with neutralizing agent under conditions to substantially completely neutralize remaining sulfuric acid associated with the acid pitch, separating from the acid pitch substantially all of any residual aqueous phase resulting from said neutralization operation, subjecting the neutralized acid pitch to destructive distillation at atmospheric pressure by gradual external heating and at temperature such that vapor temperature of the oil vapors exiting the distillation zone does not substantially exceed 400° C. and for a period of time such that the distillation zone residue is reduced to a relatively solid coke-like mass, condensing the oil vapors exiting the distillation zone and recovering an oil fraction boiling within the range of substantially 75–400° C.

2,449,099
GLASS HAVING LOW POWER FACTOR
William H. Armistead, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application January 23, 1945, Serial No. 574,204
8 Claims. (Cl. 106—53)

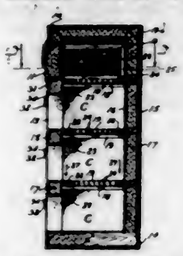
1. A glass having a power factor less than .06%, a dielectric constant of at least 7 and a softening temperature less than 625° C., which consists essentially of SiO_2, BaO, PbO, K_2O, Na_2O, and Li_2O, the SiO_2 being more than 38% and less than 65%, the total of the alkali metal oxides being more than 5% and not less than (5+X) % where X is the excess of SiO_2 over 45%, the ratio K_2O/Na_2O being from 1.5/1 to 4/1, the ratio $(K_2O+Na_2O)/Li_2O$ being from 4/1 to 19/1, the total BaO and PbO being between 10% and 60%, and the ratio of BaO to PbO being less than 1 when the SiO_2 is below 40%, the glass being substantially free from Al_2O_3.

2,449,100
NEEDLE FRAME FOR GAUZE WEAVING LOOMS
Maurus Banyai, Glasgow, Scotland, assignor to M. Banyai Limited, Glasgow, Scotland, a corporation of Great Britain
Application May 21, 1946, Serial No. 671,270
In Great Britain April 3, 1946
3 Claims. (Cl. 139—53)



1. In a needle frame for weaving looms including a row of spaced dents extending between cross-bars of the frame, and doup needles alternating with the dents of the frame, the improvement which comprises doup needles extending from one of the cross-bars and each terminating with a free end intermediate the cross-bars, the free end portion of each needle having an eyelet to one side of the row of dents, the eyelets of the needles being in register in a line to one side of the row of dents, and each needle having an offset tip end extending between adjacent dents and adapted to engage the adjacent sides thereof beyond and vertically spaced from the position of the eyelet in the needle, whereby a yarn extending through the eyelet and between adjacent dents is free of and in substantially the same vertical plane as the tip of the needle.

2,449,101
MULTIPLE UNIT FREEZER CABINET
Lyndle W. Barley, Colorado Springs, Colo.
Application April 5, 1947, Serial No. 739,732
5 Claims. (Cl. 62—89)



1. A refrigerating apparatus, comprising, a a cabinet having heat insulating walls, one side wall having a plurality of door openings, arranged in vertically spaced rows, a freezer plate positioned along the roof of the cabinet and other freezer plates extending horizontally between each row of door openings, dividing the interior into as many sections as there are horizontal rows of door openings, forming shelves, the freezer plates below the top plate being of less width than the cabinet, and positioned substantially centrally, providing air passages from top to bottom along the front and the rear walls, and vertical reticulated partitions positioned to separate the sections into compartments, one for each door opening.

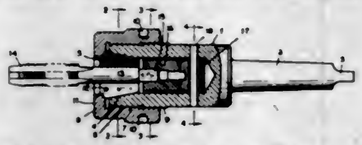
2,449,102
VACUUM CLEANER BAG
Arthur Beager and Elizabeth W. Beager, New York, N. Y.
Application September 29, 1945, Serial No. 619,316
2 Claims. (Cl. 183—51)



2. In vacuum cleaner bags, a cleaner bag formed of pliable material and having open ends, one end of said bag being adapted to be attached to the dust outlet of the vacuum cleaner, the other end of said bag having an expandable band secured to the circumference of the opening of the bag, the said expansible band having guide clamps secured to the free ends thereof, and a spring catch for maintaining various degrees of expansion, and a closing cap formed of pliable material adapted to be detachably secured over the said expansible band when contracted, and serving to seal the opening.

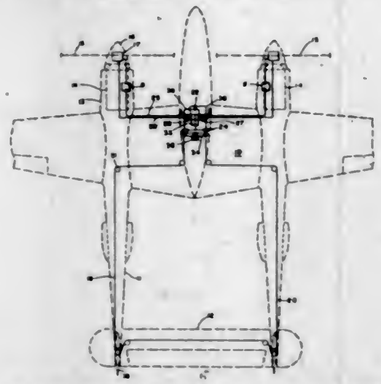
2,449,103
TAP DRIVER
Henry P. Boggis, Shaker Heights, Ohio
Application March 28, 1944, Serial No. 528,497
4 Claims. (Cl. 279—56)

4. A tool holder comprising a body having a driving shank, means for maintaining a tool in substantially axial alignment with said shank, axially adjacent driving and driven blocks loosely fitting within said body, said blocks having a complementary tongue and groove connection between them for permitting relative transverse movement thereof in said body, said driven block being formed with a socket for driving engage-



ment with the end of the tool, and means supporting said driving block for rotation in unison with said body and for transverse movement in said body along a line angularly disposed with respect to the line of transverse movement permitted by the tongue and groove connection of said blocks.

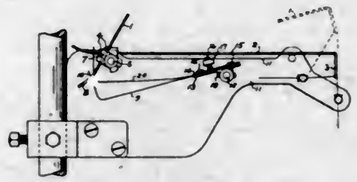
2,449,104
MEANS FOR FACILITATING THE FEATHERING OF PROPELLERS RESPONSIVE TO YAW CONTROL
Milo Burcham, Burbank, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application November 6, 1943, Serial No. 509,315
4 Claims. (Cl. 244—51)



1. In an airplane having an engine spaced at each side of its longitudinal axis and having its rotational axis substantially parallel therewith, a screw propeller driven by each engine, a separate means for feathering each propeller and a control surface, the combination of a control for said surface having a manually movable control part, a separate control circuit for each feathering means and means operable by the movement of said part, required to correct the yawing of the airplane resulting from failure of an engine, for selectively governing said circuits.

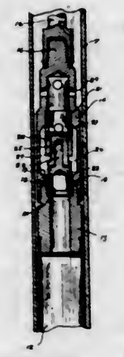
2,449,105
YARN TAKE-UP
John S. Bradley, North Attleboro, Mass., and Norman H. Smith, Pawtucket, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application May 23, 1947, Serial No. 750,098
6 Claims. (Cl. 66—146)

1. A yarn take-up for a knitting machine which includes a swingable take-up arm and a leaf spring member for swinging said arm, said spring comprising a source of energy which is greatest when said arm is down and which decreases progressively as said arm rises, said spring having an end thereof in variable leverage rela-



tion with said arm, whereby variations in the applied force of said spring are accompanied by simultaneous inverse variations in its effective force upon said take-up arm.

2,449,106
VALVE CAGE
Chalon E. Bridwell, Detroit, Mich.
Application September 2, 1944, Serial No. 552,533
2 Claims. (Cl. 277—42)

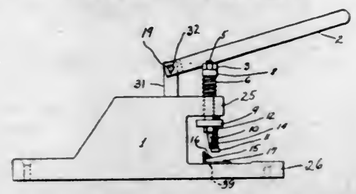


1. In a pumping mechanism: a valve seat positioned in the path of flow of liquid and having an opening formed therethrough for passage of liquid therethrough and provided with an end face for engaging a valve for closing said opening said end face lying in a plane at right angles to its axis; a guide sleeve having a bore formed therethrough arranged in axial alignment with said valve seat; a cup-shaped valve for engaging the face of said valve seat for closing the passage therethrough and provided with a hollow neck extending into said guide sleeve and slidable therein; a second cup-shaped valve engageable with said seat face simultaneously with the engagement of said first valve with said seat face and nesting in said first-named cup-shaped valve; a stem projecting centrally from the base of said second valve and slidably engaging in said neck; and a valve cage embracing said valve structure for conducting fluid passing through said opening along and around said valve structure, said fluid having access to the hollow portion of said neck, said stem being of sufficiently small diameter to provide space in said neck for passage of fluid thereinto and therefrom.

2,449,107
PROCESS OF MAKING REFINED SUGAR-CANE WAX
Charles B. Broeg and Royal T. Balch, Houma, La., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application July 2, 1948, Serial No. 36,797
3 Claims. (Cl. 260—428.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A process of obtaining a light-colored wax product from the hard dark-colored wax product, obtained from clarification mud of sugarcane factories by extraction of a crude wax product from the mud with an organic solvent for the crude wax product and recovering the hard dark-colored wax product by distilling off the solvent and subjecting the residue to the action of a selective solvent to dissolve out the fatty portions, comprising mixing the hard dark-colored wax product with a selective solvent selected from the group consisting of monohydric, saturated, aliphatic alcohols having 3 and more carbon atoms diluted with water, and acetic esters of monohydric, saturated, aliphatic alcohols diluted with water, and separating the solution containing the light-colored wax fraction from the insoluble, very dark-colored fraction.

2,449,108
HAND OPERATED LEATHER PUNCHING MACHINE
George P. Carlock, Jersey City, N. J.
Application June 22, 1946, Serial No. 678,545
7 Claims. (Cl. 164—96)

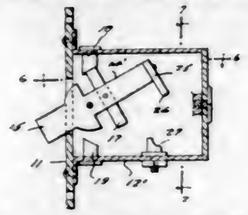


1. A leather perforating machine comprising a punch, a punch carrier supporting said punch and having reciprocating movement, a guide plate for receiving the leather to be operated on by said punch, a support for the guide plate, means on the guide plate to one side of the punch path for holding the leather and gauging the same in its position on said guide plate, and holding means for the leather carried by said carrier and disposed on the opposite side of said punch.

2,449,109
QUICK ACTION SWITCH
Richard J. Domonkas, Barberton, Ohio
Application February 5, 1946, Serial No. 645,587
2 Claims. (Cl. 200—154)

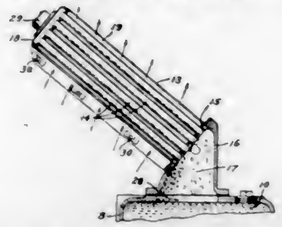
1. In a manually operated snap switch, a switch bar, a support, means extending at right angles to said bar intermediate its ends and pivotally connecting said bar to said support, one end of said bar providing an actuating handle, a contact movable with said bar and carried by the other end of said bar, spaced contacts fixed to said support and adapted to be bridged by said first contact when said bar is pivoted in one direction, a permanent bar magnet fixed to said bar intermediate said means and one end of said bar and extending at right angles thereto and to said means, and a pair of fixed elements

adapted for magnetic attraction carried by said support, one of said elements being positioned to attract one pole of said magnet and said other



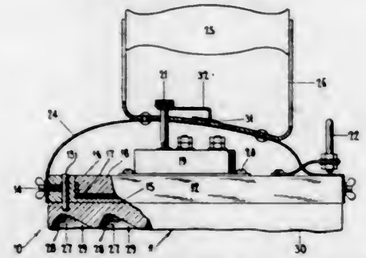
element being positioned to attract the other pole of said magnet, whereby to actuate said bar with a snap action when the same is manually moved on said means past a dead center.

2,449,110
COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES
Paul W. Eells, West Allis, Wis., assignor to Le Roi Company, West Allis, Wis., a corporation of Wisconsin
Application November 4, 1946, Serial No. 707,655
9 Claims. (Cl. 123—174)



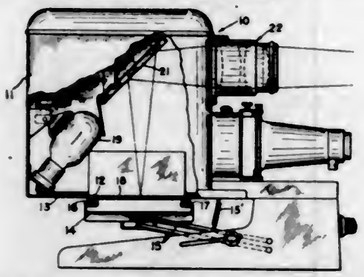
7. In a cooling system for an internal combustion engine having an approximately horizontal shaft, a condenser having a group of parallel spaced tubes inclined downwardly toward the engine cooling jacket and in open communication therewith, and an air blower having a rotor driven directly by the engine shaft and being provided with an upwardly directed air delivery duct formed to deliver air without abrupt change in direction to the spaces between the tubes of said group, said condenser being detachably confined entirely within said duct.

2,449,111
DESIGN MOLD FOR TREATING FUR
Arnold Leonard Foster, Brooklyn, N. Y.
Application August 13, 1946, Serial No. 690,290
1 Claim. (Cl. 69—20)



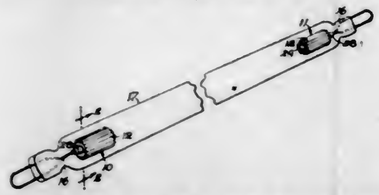
In a heated metallic design-mold for curling the hair on fur, said mold having cavities defined by arcuate contours simulating the contours of the curls of hair on natural furs, said mold having a non-planar outer fur contacting surface, the developed length crosswise of each of said cavities being less than one-half the length of said hair, the surfaces defining said mold cavities causing the heat to be transmitted directly to said hair along their entire length, thereby causing said hair to curl in a direction crosswise of said cavities, each of said cavities having a substantially vertical curl-initiating wall element and an inclined curl finishing wall element.

2,449,112
OBJECT HOLDER FOR OPAQUE PICTURE PROJECTORS
Wright W. Frost, Knoxville, Tenn., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application December 2, 1947, Serial No. 789,285
4 Claims. (Cl. 88—26)



1. In a projector having a casing provided with an opening and a holder having oppositely disposed inturned edges for holding an object in projecting position adjacent the opening, the combination of a plate, each of two opposite edge portions of said plate being formed with double reversed folds, one pair of similar folds being faced outwardly and adapted to slidably engage the inturned edges of said holder, the other pair of similar folds being adjacent to the plate and facing inwardly and forming slideways for slidably receiving objects which are to be projected.

2,449,113
ELECTRIC DISCHARGE DEVICE
Hal Frederick Fruth, Skokie, Ill.
Application July 22, 1944, Serial No. 546,120
4 Claims. (Cl. 176—126)



1. A radiation emitting cold cathode type discharge tube comprising, in combination, first and second electrodes having means for supplying current thereto, a radiation transparent envelope mounting said electrodes therein in spaced apart relation, at least one of said electrodes consisting of a homogeneous refractory ceramic material, said material being comprised predominately of a titanate having the property of conducting electricity through the body thereof even at low temperatures, said ceramic electrode having a surface which is covered by a multiplicity of microscopically fine points resulting from high temperature firing, said points giving rise to an intense potential gradient in the region thereof upon application of voltage to said electrodes to facilitate the passage of electrons therefrom at a magnitude sufficient to produce localized heating at said points.

2,449,114
LUBRICATING COMPOSITION
Charles L. Gebauer, Cleveland, Ohio, assignor to The Gebauer Chemical Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application October 25, 1944, Serial No. 560,342
2 Claims. (Cl. 252—29)

1. A lubricating compound comprising colloidal graphite dispersed in a halogenated hydrocarbon solvent for grease consisting of a mixture of ethyl chloride with dichloro-monofluoro-methane in substantially the proportions of 20 parts by volume of ethyl chloride to 80 parts by volume of dichloro-monofluoro-methane, the proportion of the colloidal graphite to the aforesaid mixture of ethyl chloride with dichloro-monofluoro-methane being approximately from 2 to 10 parts by volume of the colloidal graphite to 98 to 90 parts by volume of the said mixture.

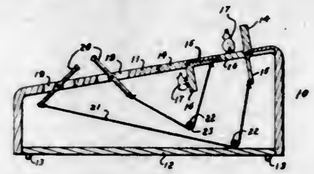
2,449,115
HOSIERY PROTECTOR
Flora L. Harriman, Lansing, Mich.
Application December 27, 1946, Serial No. 718,819
4 Claims. (Cl. 36—2)



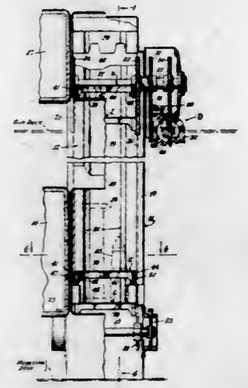
1. In a hose protector, a sheet of flexible, waterproof material having corresponding portions disposed at a right angle to one another, said protector being adapted to be disposed with the intermediate portion thereof positioned against the back of the leg and ankle with the outer edges thereof extending around the leg and converging at the back of the leg and the inner edges thereof disposed around the ankle and adjacent the shoe, the end portions of said protector being crossed one over the other over the instep of the foot and under the instep of the shoe.

2,449,116
TOY
James Hatchett, Baird, Tex.
Application September 3, 1946, Serial No. 694,638
2 Claims. (Cl. 46—13)

1. A toy comprising a support having a flat surface provided with a plurality of apertures, pivoted trap doors for said apertures, platforms secured at right angles to said doors and designed to fit in said apertures when the doors are raised, extensions depending from said doors, miniature images mounted on said platforms, spring means to normally seat said doors in said apertures, operating levers mounted in said support, and means connecting each of said door extensions to an operating lever.



2,449,117
CONVEYER
Bjarne Henricksen, Cliffside Park, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y., a corporation of New York
Original application June 2, 1943, Serial No. 489,325. Divided and this application October 13, 1945, Serial No. 622,113
3 Claims. (Cl. 198—206)

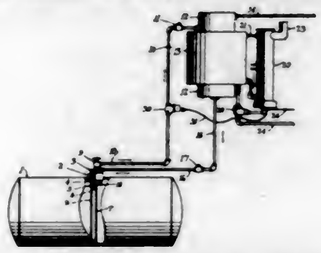


1. A conveyor comprising: a pair of endless chains positioned in spaced relation, a metal trunk enclosing the chains, a longitudinally extending partition separating the load-carrying and return branches of the chains, and a series of shelf-like conveyor elements mounted on the chains, a wall of the trunk adjacent the load-carrying branch of the chains being longitudinally channeled to assist in maintaining conveyed articles in desired position on the conveyor elements.

2,449,118
HIGH-PRESSURE PETROLEUM GAS DISPENSING METHOD AND APPARATUS
John R. Holicer, Shreveport, La.
Application November 13, 1943, Serial No. 510,228
8 Claims. (Cl. 62—1)

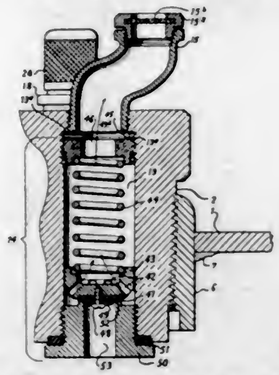
1. The method of storing and dispensing high pressure petroleum gas, which consists of mixing the gas with a body of stable liquid under pressure, expelling a portion of the mixture by the pressure of gas emanating from the mixture, collecting the expelled portion in a separating chamber, heating the chamber to liberate the gas from

the mixture in the chamber and to increase its pressure, returning the separated liquid to the



original body by said increase in pressure, and removing for consumption the liberated gas.

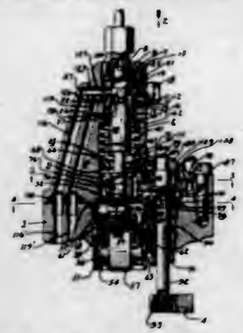
2,449,119
CONTROL FITTING FOR LIQUEFIED PETROLEUM GAS TANKS
John R. Holicer, Shreveport, La.
Application October 14, 1944, Serial No. 558,775
5 Claims. (Cl. 62—1)



4. In apparatus for controlling liquefied petroleum gas, a control fitting arranged to be removably attached to a tank and provided with a compact body which constitutes a valve housing; a relief valve arranged within a passageway disposed through the body, the passageway being provided with a safety shoulder in its upper part below which the valve is disposed, the valve including: retaining means within the lower end of the passageway formed to provide a valve seat; a movable cup-disc resting upon the retaining means and provided with apertures arranged at such angle as to allow fluid discharged therethrough to be directed upwardly toward the center of the passageway; a spring arranged to rest in the cup-disc; and movable spring adjusting means carried in the passageway.

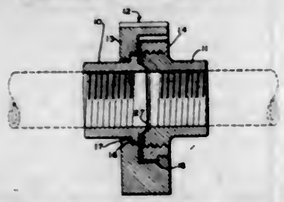
2,449,120
FUEL INJECTION MECHANISM
Lloyd E. Johnson, Fon du Lac Township, Tazewell County, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application August 25, 1943, Serial No. 499,891
16 Claims. (Cl. 103—41)

1. Fuel injection mechanism comprising housing means, a pump plunger mounted for reciprocation in the housing means to feed fuel under pressure and which is of the type wherein metering of fuel is controlled by angular adjustment of the plunger, tappet mechanism adjacent an end of the plunger for moving the plunger axially in one direction, a guide sleeve slidably mounted in the housing means into which the tappet end portion of the plunger projects and having a wall between the tappet end of the plunger and the tappet mechanism, a shoulder on the plunger adjacent an end of the sleeve and spaced from said sleeve wall, a spring retainer member about the plunger adjacent said end of the sleeve and the plunger shoulder, spring means between the retainer member and an abutment in the hous-



ing means for moving the plunger in an opposite direction, the sleeve having an opening in the periphery thereof, a gear member secured to the plunger within the sleeve between said sleeve wall and said plunger shoulder and having its teeth accessible through the sleeve opening, another gear member engaging the first mentioned gear member and which is journalled in the housing means, stop means within the housing means for limiting the extent of turning of the second mentioned gear member, and spring means between the housing means, and said second mentioned gear member for urging such gear member toward a predetermined position against the stop means.

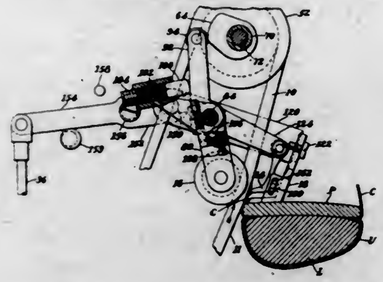
2,449,121
COUPLING NUT
Nelson A. Jones, Catawissa, Pa.
Application August 26, 1946, Serial No. 692,996
2 Claims. (Cl. 285—177)



1. A coupling device of the type described comprising a plurality of nipples adapted to be attached to the ends of pipes to be coupled together, one of said nipples having an annular outwardly extending flange and a sealing surface disposed inwardly of said flange and the other of said nipples having external screw threads, a female coupling member having a radially inwardly extending flange adapted to rotatably engage said outwardly extending flange, said female member also having a plurality of radially inwardly extending circumferentially spaced lugs, the inner surface of said lugs being

arranged at right angles to the axis of said member and spaced axially from said inwardly extending flange, a male coupling member having internal threads adapted to engage the external threads on the other of said nipples and an annular end sealing surface complemental to the sealing surface of said other nipple, said male coupling member also having outwardly extending lugs so spaced circumferentially as to permit their entry between the lugs on said female coupling member to permit said male member to be assembled in nested relation with said female member whereby upon relative rotational movement between said coupling members the lugs on the respective members will be moved into overlapped engagement, and means on said male coupling member adapted to engage the ends of the lugs on said female member to limit relative movement between said coupling members whereby continued movement of said female coupling member will rotate said male coupling member and cause said elements to be drawn together in fluid-tight engagement.

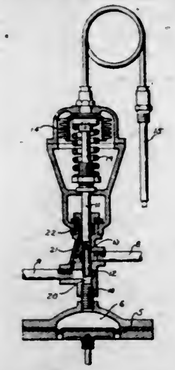
2,449,122
LASTING MACHINE
Bernhardt Jorgensen, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application September 30, 1946, Serial No. 700,266
28 Claims. (Cl. 12—1)



3. In a lasting machine, a member having an endless friction surface for engaging one side of the lasting margin of stock to be lasted and movable in a direction extending heightwise of a shoe presented to the machine, a second member arranged to engage the opposite side of said lasting margin, and means for periodically effecting relative approaching movement of said members to cause the friction surface to exert a frictional drag on the lasting margin, thereby to tension the stock heightwise of the shoe.

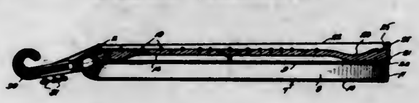
2,449,123
PILOT VALVE FOR COMBINED TEMPERATURE AND PRESSURE CONTROL APPARATUS
James L. Kimball and Roy C. Earley, Danvers, Mass., assignors to Ruggles-Klingemann Mfg. Co., Salem, Mass.
Application November 1, 1944, Serial No. 561,444
1 Claim. (Cl. 251—76)

In a fluid pressure control valve, comprising in combination, a valve casing having high pressure admission and first and second delivery ports, a valve stem of uniform diameter throughout slidable within the bore of said casing, said stem having a hollow core forming a central passage at its lower end with cross ports connecting therewith adapted to register with the high pressure admission port through said cross ports and said central passage when said stem is in one of two effective positions, and to close said high pressure port and establish communication between the first and second named ports when in



the other relative position, a stuffing box through which the stem enters the casing, an exhaust vent passage connecting the lower end of the stuffing box with the second named delivery port, and control means for operating said stem to either one or the other of its effective positions.

2,449,124
MUSICAL INSTRUMENT
Arthur Horden Kimmons, Burgettstown, Pa.
Application August 26, 1946, Serial No. 693,104
1 Claim. (Cl. 84—267)

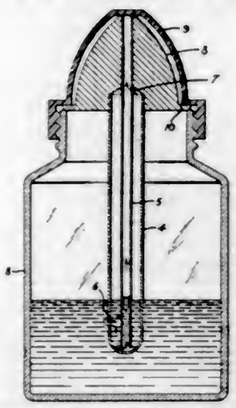


In a stringed musical instrument, a finger board adapted to extend from end-to-end of an elongated sounding box and supported thereby and disposed thereabove, said finger board having string supporting bridges rising therefrom adjacent each end thereof, a plurality of upstanding frets rising from said finger board and located between said bridges, said frets being disposed transversely of the finger board in longitudinally spaced relationship to one another from adjacent one end of the finger board and terminating a distance from the other end thereof, the upper surface of said finger board being provided with a concave portion located adjacent the last mentioned end thereof and between the bridge at said end and the adjacent fret of the finger board and the upper surface of said finger board being inclined upwardly and away from the upper surface of the sounding box from said concave part to the first mentioned end of the finger board.

2,449,125
APPLICATOR FOR LIQUID MEDICINAL PREPARATIONS
Edward A. H. King, Port Washington, N. Y.
Application December 18, 1946, Serial No. 716,983
2 Claims. (Cl. 128—148)

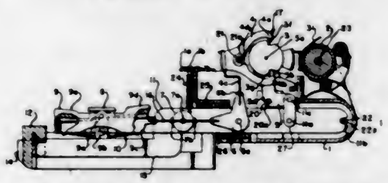
1. In an applicator for liquid medicinal preparation, a closed chamber comprising a side wall

having an orifice therein near the bottom of the chamber spaced from the bottom to retain a predetermined amount of liquid between the orifice and the bottom of the chamber, a tube open at both ends extending into a region adjacent to the bottom of the chamber and having a lateral spray-forming aperture therein situated at an appreciable distance above the orifice and disposed to admit liquid into the tube intermediate the ends thereof, whereby tilting the applicator to a



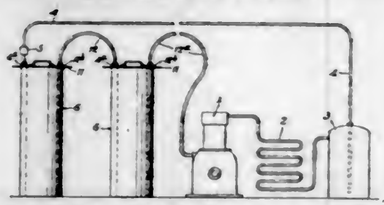
position where the upper end of the tube is in a position below the level of the liquid in the chamber will permit the predetermined amount of liquid to enter the tube through the lateral spray-forming aperture emerging from the tube in the form of drops and the drawing of air upwardly through the tube will cause the liquid to rise therein to the spray-forming aperture where it will mix with air entering the aperture to form a spray.

2,449,126
MECHANICAL SHORTHAND WRITING MEANS
Wendell V. Kirkpatrick, Bonita, Calif.
Application November 2, 1945, Serial No. 626,222
9 Claims. (Cl. 197—9)



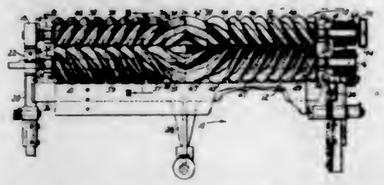
2. In a mechanical shorthand writing means of the class described, a combination of a frame, a shift tong provided with two diverging tong portions pivotally mounted in connection with said frame, a type supporting member having type in connection therewith pivotally mounted intermediate the tong portions of said shift tong member and engageable thereby, a bellcrank pivotally connected with said frame and arranged in pivotally connected relation with said type supporting member at its one end, a main key lever pivotally connected with said frame and cooperatively connected with said bellcrank for shifting said type supporting member relatively to said tong portions, and a platen roller in spaced relation to said type supporting member in close proximity to the type in connection therewith.

2,449,127
APPARATUS FOR COOLING THE INTERIORS OF CONTAINERS
Herman W. Kleist, Chicago, Ill., assignor to Dole Refrigerating Company, Chicago, Ill., a corporation of Illinois
Application March 15, 1944, Serial No. 526,610
6 Claims. (Cl. 62—141)



1. In an evaporator adapted for use for cooling the contents of containers, an inner cylinder and an outer cylinder, the said cylinders being connected at their upper and lower ends, a coil extending helically about the space between said cylinders, a refrigerant inlet duct extending to said coil and a refrigerant outlet duct extending from said coil, the space surrounded by the inner cylinder being open at the bottom, and evaporator supporting means adjacent the top of the evaporator, adapted to seat upon the container into which said evaporator is inserted.

2,449,128
MACHINE FOR TREATING HIDES, SKINS, AND LEATHER
Cutler D. Knowlton, Rockport, and David Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application July 23, 1947, Serial No. 762,916
13 Claims. (Cl. 69—34)

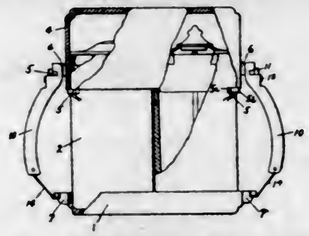


1. In a machine for operating on hides, skins and leather, a pair of cooperating rotary work treating members each having helical blades extending in opposite directions from a substantially median point in its length, the blades nearer said median point having the greater lead, and a side of each blade on one member arranged to interact with a side of one blade on the other member to treat a work piece interposed between them.

2,449,129
COOKING UTENSIL COMBINATION
Elmar Kolehmainen and Hugh S. Baird, Inglewood, Calif.
Application January 25, 1946, Serial No. 643,417
9 Claims. (Cl. 206—4)

1. A cooking utensil combination comprising, a vessel such as a frying pan, a plurality of pots seatable in said pan and shaped tightly to fit therein, each of said pots having a lug projecting from the side thereof, all of said lugs being positioned at the same elevation above the frying

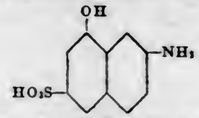
pan, the latter being made with similar lugs, an inverted pot tightly fitted over the tops of said pots and resting on top of the lugs projecting therefrom, said inverted pot having similar pro-



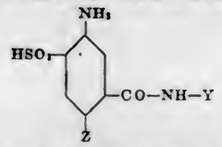
jecting lugs for alignment with the lugs of the frying pan, and means engaging the lugs of the inverted pot and the frying pan tightly to clamp the assembled utensils together.

2,449,130
ACID CHROMABLE MONOAZO DYESTUFFS AND A PROCESS OF MAKING SAME
Adolf Krebser, Riehen, and Werner Kuster, Basel, Switzerland, assignors to J. R. Geigy A. G., Basel, Switzerland, a Swiss firm
No Drawing. Application March 10, 1945, Serial No. 582,184. In Switzerland November 23, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires November 23, 1963
6 Claims. (Cl. 260—199)

1. A process for the manufacture of an acid chromable monoazo dyestuff which comprises coupling in an acid solution 2-amino-8-hydroxy-naphthalene-6-sulfonic acid of the formula



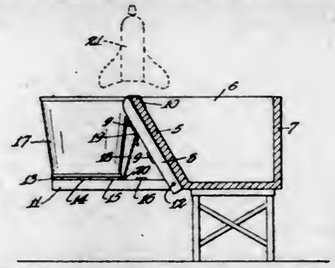
with a diazotised amine of the formula



wherein Y stands for a radical of the benzene series containing at least one o-hydroxy-carboxy grouping and Z means a member selected from the group consisting of H and Cl.

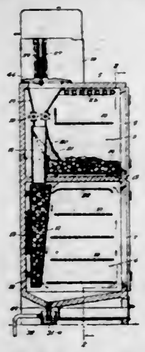
2,449,131
RACK ATTACHMENT FOR LAUNDRY TUBS
Leslie W. Larson, St. Paul, Minn.
Application June 25, 1945, Serial No. 601,533
2 Claims. (Cl. 248—150)

1. A rack adapted to be supported on the inclined front wall of a laundry tub comprising, spaced, parallel wall engaging members adapted to extend at an incline and in engagement with the inclined outer surface of said wall, tub engaging hooks projecting from the upper end portions of said members to support them on said wall, parallel platform members pivotally connected to the lower end portions of said wall engaging members respectively and tension members depending from said wall engaging members for supporting said platform members in substantially horizontal position, said tension members being positioned beneath the overhang of



said wall and said platform members projecting to the front of said wall and tension members to support a receptacle approximately at the elevation of the tub bottom.

2,449,132
REFRIGERATOR FOR MAKING AND USING CRUSHED ICE
Louis V. Lucia, West Hartford, Conn.
Application September 22, 1944, Serial No. 555,275
5 Claims. (Cl. 62—2)

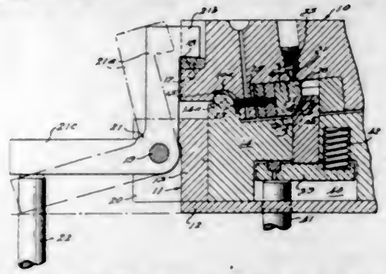


1. In a refrigerating system, the combination of a cabinet having a storage compartment and a cooling compartment therein, an electrically operated machine for producing ice positioned above said cabinet and adapted to deliver pieces of ice through an opening in the top of said cabinet, a chute extending downwardly within said cabinet, means in said storage compartment for receiving ice from said chute, and means in said chute responsive to the quantity of ice in said compartments for deflecting the ice from said chute.

2,449,133
PRESS
Fred Lyijynen, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application April 28, 1945, Serial No. 590,795
5 Claims. (Cl. 18—42)

5. Molding mechanism for forming a plastic article, comprising upper and lower mold members adapted to be relatively moved in a vertical direction into open and closed positions, a punch, a slide carrying said punch, said slide being mounted in the upper mold member and being shiftable transversely to the direction of the

opening and closing of the mold members to cause said punch to penetrate said article, means including a cam carried by the lower mold member and movable in the direction of the opening and closing of the mold members for cooperating with



said slide to shift it transversely, and a fluid actuated plunger reciprocable through the lower mold member for moving said cam, said cam and said slide having an operative connection therebetween adapted to permit separation of the cam and slide when said mold members are opened.

2,449,134
VENTILATING AND FLUSHING APPARATUS FOR WATER CLOSETS
Charles J. Majauskas, Chicago, Ill.
Application March 7, 1947, Serial No. 733,024
1 Claim. (Cl. 4—213)



For use with a water closet having a seat hinged thereto, a pipe connecting said water closet with a source of supply of flush water, said pipe being normally closed at one end by the flush water control valve and open into the closet bowl at the other end thereof, an air passage connecting said pipe and a waste vent, a mechanical blower in said air passage to draw gases from said bowl and discharge the same into said vent, said blower being operated during such time as pressure is applied to the seat of said water closet, a valve in said passage to restrict the flow of gas through said passage during the time said blower is not in operation, a second valve in said passage adjacent to said pipe, said second valve being normally open, and a pivoted lever in said pipe operatively connected to said second valve, said lever being substantially smaller than the internal diameter of said pipe and being positioned to only partially obstruct the flow of water through said pipe whereby only a flow of water through said pipe sufficient to substantially fill said pipe will actuate said pivoted lever and close said second valve.

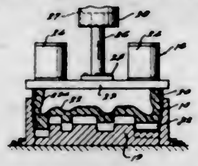
2,449,135
CAR-END PLATFORM BUFFING MECHANISM
Roland J. Olander, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application August 25, 1945, Serial No. 612,614
10 Claims. (Cl. 213—222)

1. In a buffing mechanism for a railway car including an end platform, the combination with a buffer face plate; of a buffer stem supporting said face plate from the end platform, said face plate having an opening therethrough in alignment with the buffer side stem, said opening being of a size to permit lengthwise withdrawal of the buffer side stem therethrough; a detachable



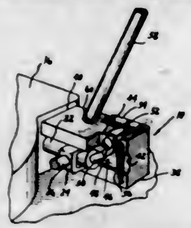
supporting bracket blocking said opening; and a pin pivotally connecting the buffer side stem to said bracket and face plate for relative swinging movement in a horizontal plane, said pin extending through the face plate and bracket and the forward end of the buffer stem.

2,449,136
METHOD OF MAKING MOLDS
Herbert J. Pattison, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application January 1, 1945, Serial No. 570,929
4 Claims. (Cl. 22—193)



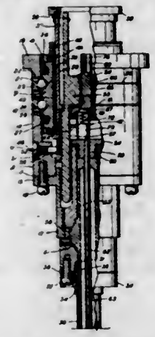
1. In the method of producing a plaster mold, the steps of spraying under pressure a wet plaster mixture over a pattern within a flask to provide a shell mold and at the same time embedding a member in the upper edge of the mold formed of magnetizable metal, and removing the mold from the flask by magnetic action on said member.

2,449,137
FUEL INJECTOR CONTROL DIAL GAUGE
Robert W. Petersen, San Bernardino, Calif.
Application June 17, 1946, Serial No. 677,303
5 Claims. (Cl. 116—124)



5. A gauge for adjusting control racks of fuel injection pumps, comprising a block having an end adapted to abut the housing of a fuel pump rack bar, a recess receiving the end of a rack bar, a pointer pivoted to said block and having a terminal engageable by said end of a rack bar, a spring biasing said terminal towards said rack bar and a scale disposed in predetermined calibrated position relative to said pointer, said recess comprising a semi-cylindrical groove embracing the end of said rack bar protruding from said housing, said block having laterally recessed shoulders at its outer extremity upon a vertical plane axial of said groove, said pointer being pivoted to one of said laterally recessed shoulders, and a handle, and said scale and handle being both detachably secured to the upper surface of said block.

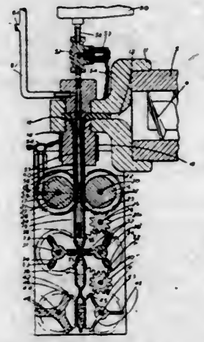
2,449,138
ROTATABLE ELECTRICAL CONNECTION
Dwight M. Phillips, Fullerton, Calif., assignor to Chiksan Tool Company, Brea, Calif., a corporation of California
Application July 5, 1943, Serial No. 493,544
6 Claims. (Cl. 173—324)



1. An electrical connection including two tubular sections telescoping one within the other, one section being a bearing sleeve and the other a jacket around the sleeve, anti-friction members between the interior of the jacket and the exterior of the sleeve keying the sections together against relative axial movement and connecting the sections for free relative rotation, means for securing a conductor to the jacket section, an elongate tubular conducting nipple extending centrally through the bearing sleeve and adapted to be secured to another conductor, means around the nipple rigidly securing the nipple in the bearing sleeve and including electrical insulation insulating the nipple from said sleeve, and contact means within one of the sections remote from the anti-friction members maintaining electrical connection between the nipple and the jacket section.

2,449,139
APPARATUS FOR MANUFACTURING AND FILLING CAPSULES
Kurt Posner, London, England, now by change of name John Kennedy Power
Application July 6, 1945, Serial No. 603,542
In Great Britain July 8, 1944
6 Claims. (Cl. 18—5)

1. An apparatus for manufacturing and filling containers made of plastic material comprising means for continuously extruding a tube made of plastic material, said extruding means including an extrusion nozzle adapted to be, in operation, directed downwards, guide rollers for feeding the extruded tube through at least part of the apparatus, means on said guide rollers for applying a marking on the wall of the tube, means for intermittently applying heat and pressure to the tube to close the tube, a hollow mandrel passing through the orifice of said nozzle and extending downwards from said nozzle, a tubular member arranged coaxially with said mandrel within said nozzle so as to form two passages, one being defined by the outer surface of said tubular member and the inner surface of said hollow mandrel, and the other by the inner surface of said tubular member, means adapted to communicate with one of said passages for storing material to be filled into the tube, means for effecting and interrupting the communication between said storing means and said one pas-



sage, means communicating with said other passage for controlling the pressure in said tube, means for cutting the tube, and means for timing the operation of the extruding means, guide rollers and marking means, cutting means, and closing means.

2,449,140
METHOD OF ENHANCING THE YIELD OF VITAMINS IN FERMENTATIONS
Henry L. Pollard, Nelson E. Rodgers, and Reginald E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California
No Drawing. Application November 11, 1944, Serial No. 563,082
4 Claims. (Cl. 195—42)

1. In a process for manufacturing a vitamin concentrate including the steps of synthesizing riboflavin by fermenting with *Clostridium acetobutylicum* a material selected from the group consisting of skim milk and whey, the improvement comprising providing said material in a form containing from about 0.56 to about 2.24 parts per million of iron in excess over the natural 0.1 to 0.21 part per million iron content of said material and incorporating a soluble ammonium salt with said material, the amount of soluble ammonium salt being so adjusted as to provide from about 1 to about 5 parts per million of ammonium radical when the excess iron content ranges from about 1.12 to 2.24 parts per million and to provide from about 180 to 450 parts per million of ammonium radical when the excess iron ranges from 0.56 to 1.12 parts per million.

2,449,141
PRODUCTION OF RIBOFLAVIN BY FERMENTATION PROCESSES
Henry L. Pollard, Nelson E. Rodgers, and Reginald E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California
No Drawing. Application November 11, 1944, Serial No. 563,085
2 Claims. (Cl. 195—42)

1. In the process for manufacturing a vitamin concentrate including riboflavin by fermenting with *Clostridium acetobutylicum* a material selected from the group consisting of whey and

skim milk the improvement comprising incorporating with said material from 0.003 to 0.2% magnesium in the form of a soluble magnesium salt, the iron content of said material in excess of the 0.10 to 0.21 parts per million natural iron content of said material being kept within the range of 0.5 to 4.5 parts per million and not higher than 2 parts per million when at least 0.12% magnesium is added, thereafter sterilizing said material and inoculating said material with a culture of *Clostridium acetobutylicum*.

2,449,142

METHOD FOR IMPROVING THE YIELD OF RIBOFLAVIN IN FERMENTATION PROCESSES

Henry L. Pollard, Nelson E. Rodgers, and Reginald E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California

No Drawing. Application December 1, 1944, Serial No. 566,247
4 Claims. (Cl. 195—42)

1. In a process of manufacturing a vitamin concentrate including riboflavin by fermenting a lactose-containing lacteal material with *Clostridium acetobutylicum* in the presence of a soluble iron compound, the improvement comprising incorporating with said material from 0.15 to 3.5 parts per million of zinc in the form of a soluble zinc salt and maintaining in said material an iron concentration of from 1.10 to less than 4.5 parts per million.

2,449,143

FERMENTATION METHOD FOR PREPARING A VITAMIN CONCENTRATE

Henry L. Pollard, Nelson E. Rodgers, and Reginald E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California

No Drawing. Application December 1, 1944, Serial No. 566,248
3 Claims. (Cl. 195—42)

1. In the process of manufacturing a vitamin concentrate including riboflavin by fermenting a lactose-containing lacteal material with *Clostridium acetobutylicum* in the presence of from 0.5 to less than 4.5 parts per million of iron, the improvement comprising incorporating with said material from 0.05 to 20 parts per million of manganese in the form of a soluble manganese salt.

2,449,144

METHOD OF PREPARING A VITAMIN CONCENTRATE

Nelson E. Rodgers, Henry L. Pollard, and Reginald E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California

Application November 11, 1944, Serial No. 563,084
4 Claims. (Cl. 195—44)



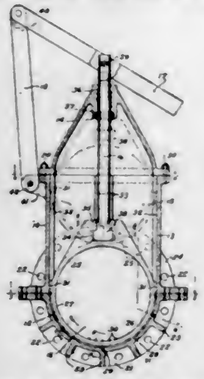
1. In a fermentation process for the manufacture of a vitamin concentrate including riboflavin by inoculating a sterile lactose containing lacteal material with a culture of *Clostridium acetobutylicum* developed from a stock culture by successive transfers to increasingly larger amounts of medium until a sufficiently large inoculum has been obtained, the improvement comprising incubating each culture of the series before transfer to a larger volume of medium until said culture has attained a titratable acidity of at least four milliliters of tenth normal acid per ten milliliters and not longer than five hours after the titratable acidity of said culture has reached its maximum value, after the last transfer continuing incubation of the resulting culture for from two to five hours after the titratable acidity of said last mentioned culture has reached its maximum value and then transferring the culture to said sterile lactose-containing material for initiating fermentation therein.

2,449,145

VALVE

John A. Rosmait, Appleton, Wis., assignor to D. J. Murray Manufacturing Co., Wausau, Wis., a corporation of Wisconsin

Application August 28, 1944, Serial No. 551,495
2 Claims. (Cl. 251—60)



1. In a gate valve, a body having a through passage and parallel guiding grooves extending tangentially away from said passage, a flat valve disc having opposite guide projections slidably engaging said grooves and also having a T-shaped open sided socket therein between said guide projections, said valve disc being of approximately uniform thickness throughout its entire area, an actuating stem for said disc having a T-shaped head of like thickness snugly confined within and insertable through an open side of said socket and also having a portion beyond said head of greater thickness than said valve, and parallel guide ridges on said body coacting directly with said stem head and said valve disc to retain the head within said socket and also forming guide recesses coacting with the adjacent enlarged portion of said stem.

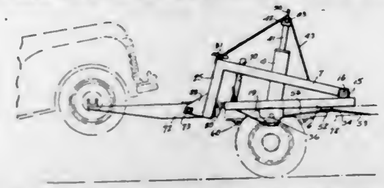
2,449,146

AUTO WRECKING CRANE

Clarence N. Ryan, Washington, D. C.

Application January 28, 1947, Serial No. 724,753
2 Claims. (Cl. 214—86)

1. In a unitary crane structure adapted to be carried on the rear end of a vehicle chassis including a lifting frame pivotally mounted at the forward end thereof and extending downwardly at the rear end, a load-engaging boom attached to the downwardly-extending free end of the lifting frame, a hydraulic power-transmitting device comprising a hydraulic cylinder carried upon said chassis having an upwardly-directed piston for raising the lifting frame, and means for supplying fluid under pressure to the hydraulic cylinder, the features which include a substantially rectangular supporting frame adapted to be directly mounted upon the chassis having a pair of pivot mountings at the forward end thereof to which the forward end of the lifting frame is pivoted and a pair of downwardly-pendent plates fixed within the sides of the supporting frame intermediate the forward and rear ends thereof, a transverse pivot shaft supported at the ends thereof in said pendent plates and supporting the lower end of said hydraulic cylinder intermediate said plates, the supporting frame except the downwardly-extending portion thereof being of substantially the same length as that of the lifting frame and the latter lying horizontally upon said supporting frame in normal lowered idle position thereof, at least one intermediately upwardly-peaked



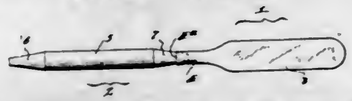
strap member connected at the lower rear end thereof to the rear end of said lifting frame and at the upper peak portion to the upper end of the hydraulic piston, a transverse brace fixed between the sides of said lifting frame intermediate the forward pivot end thereof and the transverse pivot shaft supporting the hydraulic cylinder, the lower forward end of said strap member being secured to the transverse brace, a second transverse brace fixed between the sides of said lifting frame intermediate said transverse pivot shaft and the rear end of the frame, an upwardly-directed movable supporting member pivotally mounted at the lower end thereof to the supporting frame intermediate said rear end of said supporting frame and the second transverse brace and having a series of notches in the upwardly-extending forward edge thereof adapted to be individually engaged by said second transverse brace to determine various positions of said lifting frame on its forward pivot mounting, and a manually-operated handle rigidly connected to said upwardly-directed movable supporting member for engaging the latter with and disengaging from said second transverse brace at will.

2,449,147

TOY

Lloyd William Samuels, Allentown, Pa.

Application March 22, 1947, Serial No. 736,529
3 Claims. (Cl. 46—90)



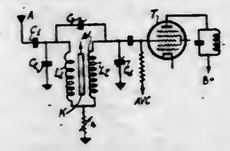
1. A toy comprising the combination with a balloon formed of stretchable elastic rubber which balloon is provided with a fluid inlet member; of a tubular device for inflating the balloon provided with a frontal tip of forwardly tapered configuration arranged so that the open end of said member may be frictionally mounted thereon in such manner as to effect self-disengagement of the balloon from the device when the inflating fluid within the balloon reaches a certain pressure.

2,449,148

PERMEABILITY TUNED IMAGE ATTENUATION CIRCUITS

William Francis Sands, West Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application December 30, 1942, Serial No. 470,543
4 Claims. (Cl. 250—20)



3. A circuit arrangement for the suppression of the image frequency response in superheterodyne receivers, comprising a transformer having coaxial primary and secondary windings which have a common low potential terminal connected to ground, a capacitance connected between the high potential terminals of said windings, a resonant circuit including said secondary and a shunt capacitance, and a ferromagnetic core movable relatively to said windings to tune said circuit to any desired signal within a range of frequencies, said primary being wound in the same direction as the secondary and with such varying pitch that at any position of said core the inductance of the series arm of the equivalent π network of said transformer forms with the first-mentioned capacitance connected thereto an image frequency rejector circuit which tracks with the tuning of the resonant circuit.

2,449,149

PLASTICIZED AND STABILIZED CELLULOSE COMPOUND AND A PROCESS OF MAKING IT

Ovid Santoro, Bloomfield, and Edwin Jaskot, Passaic, N. J., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application December 27, 1944, Serial No. 570,042
17 Claims. (Cl. 106—182)

1. A thermoplastic composition of matter comprising a cellulose derivative, selected from the group consisting of lower aliphatic acid esters of cellulose and cellulose ethers, and at least one plasticizer selected from the group consisting of triphenyl phosphate and phenyl salicylate, said composition being stabilized by having incorporated therein from 0.1 to about 5%, based on the weight of the cellulose derivative, of a salt selected from the group consisting of alkali metal and alkali-earth metal salts of hydroxy aliphatic mono carboxylic acids.

2,449,150

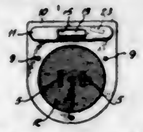
PORTABLE INDICATOR DEVICE FOR ORDINARY TWO PRONG PLUGS

Nathan Schnell, Palisade, N. J.

Application November 19, 1945, Serial No. 629,429
7 Claims. (Cl. 177—311)

1. Means for furnishing a positive indication that potential is available at the prongs of an ordinary electrical appliance plug when inserted

into a wall socket, comprising a relatively small, portable lamp indicator adapted for insertion between the cover plate of a complete wall socket and an ordinary two-prong electrical appliance, said lamp indicator comprising a wafer-like insulating sheet having a pair of spaced apertures through which the prongs of an ordinary two-prong plug may be passed to enter the cover plate



of a complete wall socket, contact springs positioned entirely below the inner and outer flat surfaces of said insulating sheet and in said apertures and adapted to make electrical contact with said prongs, a lamp permanently mounted on said sheet, and connections from the electrodes of said lamp to said contact springs, said lamp indicator being devoid of means for permanent attachment to the outlet socket.

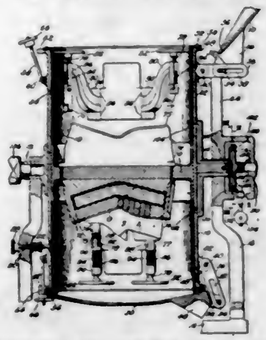
2,449,151

CEMENT SOLE ATTACHING APPARATUS

Malcolm Seymour, Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application May 15, 1946, Serial No. 669,854

18 Claims. (Cl. 12—37)



7. Apparatus for cement-attaching soles to shoes comprising a cylinder open at both ends, trunnions on the cylinder at right angles to its longitudinal axis, supports for the trunnions to permit rotation of the cylinder to position either end uppermost, a piston in the cylinder, a closure for each end of the cylinder, means for admitting air to the upper end of the cylinder, means for exhausting air from the lower end of the cylinder to cause downward movement of the piston by atmospheric pressure, and means for causing such movement of the piston to apply pressure to a shoe and sole.

2,449,152

SEPARATION OF MONOETHANOL AMINE FROM ADMIXTURES BY AZEOTROPIC DISTILLATION WITH CHLOROBENZENE

John C. Speck, Jr., Bloomington, Ind., assignor to the United States of America as represented by the Secretary of the Navy

No Drawing. Application March 26, 1946, Serial No. 657,329

3 Claims. (Cl. 202—42)

3. The method of separating monoethanolamine from a mixture containing diethanolamine, consisting in adding monochlorobenzene to form an azeotrope with the monoethanolamine, and then distilling out the azeotrope.

2,449,153

PHOTOGRAPHIC SILVER BROMIDE EMULSION SENSITIZED WITH CYSTEINE

Franz Urbach, Rochester, N. Y.

No Drawing. Application April 3, 1944, Serial No. 529,414

6 Claims. (Cl. 95—7)

1. A photographic silver-bromide emulsion containing cysteine.

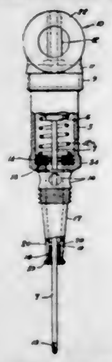
2,449,154

DEVICE FOR MENDING STOCKINGS

Marcel Vitoux, New York, N. Y., assignor to American Vitos Company, Inc., New York, N. Y., a corporation of New York

Application November 20, 1946, Serial No. 711,167

5 Claims. (Cl. 66—1.5)



1. In a pneumatic mending device having a cylinder and a finger grip at one end of said cylinder; a longitudinally perforated bushing frictionally yet rotatably mounted at the opposite end of the cylinder, and a needle extending through said bushing slidable through said opening but non-rotatable relatively thereto so that by rotating the bushing in the cylinder, the needle will be rotated therewith relative to the finger grip.

2,449,155

SPEED AND ODOMETER INDICATING DEVICE

Brooks Walker, Arlington, Va.

Application February 5, 1944, Serial No. 521,218

1 Claim. (Cl. 116—114)



In a vehicle body having a windshield from which a panel extends rearwardly and downwardly within the body, a speed indicating and odometer device supported beneath and forward of said panel in spaced relation thereto, an indicating hand extending from said speedometer, a transparent element containing dial indications

enclosing said hand and attached to said device and projecting through an opening in the rearwardly extending portion of said panel into the vicinity of said windshield, a mirror on said element, and a second mirror supported on said device for transferring the reading of said odometer through an opening in said panel to the mirror on said element.

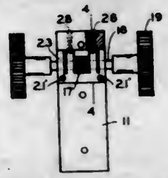
2,449,156

ADJUSTABLE PINION SHAFT BEARING FOR MICROSCOPES

Carl H. O. Wittig, Irondequoit, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application January 5, 1946, Serial No. 639,342

4 Claims. (Cl. 88—39)



1. A microscope comprising a stand, a tube slidably mounted on the stand, a lens system carried by the tube, means for moving the tube to focus the lens system, said means comprising a rack carried by the tube, said stand having a part provided with a recess adjacent the rack, a shaft rotatably mounted in a bearing seat formed in the wall of the recess, a pinion carried by the shaft, said pinion engaging the rack for moving the latter, and means for varying the frictional resistance against which the shaft may be turned, said means comprising a member secured in said recess, spaced resilient fingers integral with said member and extending upwardly therefrom, said fingers frictionally engaging the side of said shaft, the upper ends of said fingers having inclined portions, and screws threaded into the stand above said recess, said screws having tapered ends in engagement with said inclined portions whereby the frictional resistance on said shaft may be selectively varied by adjusting said screws.

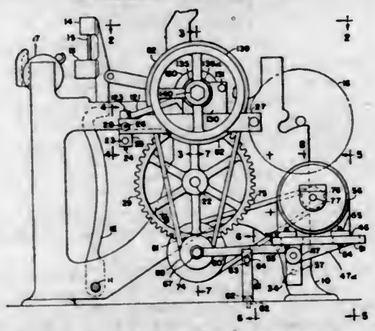
2,449,157

DRIVING MEANS FOR LOOMS

William H. Bahan, Greenville, S. C.

Application November 28, 1947, Serial No. 788,751

6 Claims. (Cl. 139—1)



6. In a loom having a side frame and a crank shaft and a cam shaft mounted for rotation therein, an electric motor having a driving pulley, a hub portion rotatably mounted adjacent the motor and having a second pulley and a third pulley integral therewith, a gear fixed on the crank shaft and having a clutch face on the outer side thereof, a fourth pulley slidably and rotatably mounted on the crank shaft and having a clutch face on its inner side for engaging the clutch face on the gear, a gear mounted on the cam shaft and meshing with the gear on the crank shaft, a belt mounted on the driving pulley and second pulley and a belt mounted on the third and fourth pulleys, said loom having a shipper rod and means associated with the fourth pulley and the shipper rod for moving the last two clutch faces into clutching relation when the shipper rod is moved to operative position, and means for moving the fourth pulley away from the gear on the crank shaft when the shipper rod is moved to inoperative position.

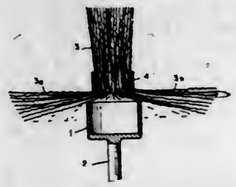
2,449,158

END BRUSH AND METHOD OF MAKING

John B. Benyak, Cleveland, Ohio, assignor to The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application January 13, 1944, Serial No. 518,085

3 Claims. (Cl. 15—205)



3. A rotary end brush comprising a cup-shaped holder, and an annular retaining member having stranded brush material doubled thereabout seated axially within said holder with both ends of such strands extending therefrom, the edge portion of said cup-shaped holder being constricted to secure said annular member and associated brush material against axial withdrawal, and the sides of said holder being flanged inwardly toward said annular inner member to laterally compress such brush material therebetween and thus frictionally resist the tendency of said retaining member and brush material to turn relative to said holder when said brush is rotated in contact with a work surface in use.

2,449,159

TRACTOR CULTIVATOR

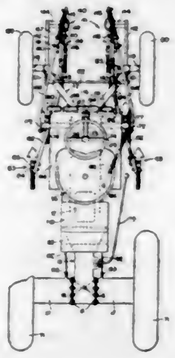
Theophilus Brown, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Original application September 17, 1942, Serial No. 458,712. Divided and this application February 3, 1945, Serial No. 576,026

14 Claims. (Cl. 97—47)

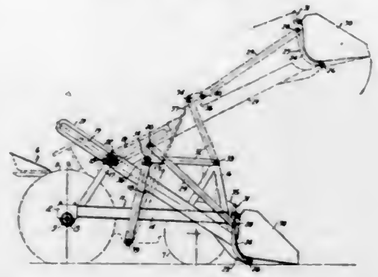
1. In a tractor cultivator, a frame, a front axle member connected thereto by means providing for relative lateral rocking movement about a fore and aft extending axis, wheels mounted at the outer ends of said axle member, a pair of cultivator supporting beams detachably secured to said axle member in laterally spaced relation and extending forwardly from said axle member, a pair of cultivator rigs disposed in laterally spaced relation under said axle member, and generally forwardly extending means for connecting

said rigs to the forward portions of said beams, respectively, providing for vertical movement of



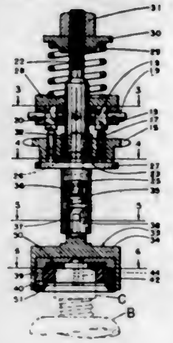
said rigs relative to said beams generally underneath said axle member.

2,449,160
VEHICLE MOUNTED FRONT END LOADER
James B. Castle, Oakland, Calif., assignor to Reconstruction Finance Corporation, San Francisco, Calif., a corporation of the United States
Application April 2, 1946, Serial No. 658,907
3 Claims. (Cl. 214—141)



1. A front end loader for a vehicle comprising a frame mounted on said vehicle and including a frame member extending fore and aft along each side of said vehicle, a support frame at the forward end of each frame member, an arm extending upwardly at the rear end of each frame member, a bucket, a bucket support frame, a pair of bucket support arms carrying said bucket support frame at one end, each of said support arms being slidably supported by one of said arms, and means for raising and lowering said bucket support arms comprising a pair of cylinders each supported from said vehicle and having a piston therein on a piston rod, a pair of bell cranks each hinged at one end on one of said support frames, a pair of levers each connected at one end to one of said bell cranks and at its other end to said bucket support frame, and means hingedly connecting a piston rod to an intermediate point on a bucket support arm and to an intermediate point on a bell crank whereby upward movement of said piston rod is effective to lift said bucket support arms upwardly and move them forwardly on the slidable support provided for said bucket support arms by said arms.

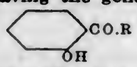
2,449,161
BOTTLE CAPPER
Ralph P. Craig, Los Angeles, and John W. Norgauer, Hollywood, Calif.
Application December 26, 1945, Serial No. 637,181
2 Claims. (Cl. 226—88)



1. In a bottle capper for applying screw caps, chuck means for the caps comprising a recessed casing having a stem adapted to be at times rotated by a clutch means actuated by rotary means, a recessed disk body adapted to turn in the recess of said casing, and having a fixed segment of a clamping ring attached around the rim of said recess, a segmental clamping ring member hinged to said body in position to complete a ring clamp, said hinged member being also pivoted at the end opposite the said hinged end to said casing, and a split rubber clamping ring within said clamping ring members.

2,449,162
PROCESS FOR THE PRODUCTION OF CYCLIC LACTONES
Haydn Geoffrey Dickenson, Warrington, England, assignor to Ward, Blenkinsop & Company Limited, London, England, a British company
No Drawing. Application February 8, 1947, Serial No. 727,311. In Great Britain February 7, 1946
Section 1, Public Law 690, August 8, 1946
5 Claims. (Cl. 260—344.6)

1. A process for the production of a coumarin which comprises treating an ortho-hydroxy acylophenone, having the general formula



in which R is a lower alkyl group with a carbonate having the general formula $CO.(OR^1)_2$ in which R^1 is selected from alkyl and aralkyl groups in the presence of an alkali metal alcoholate and treating the product with acid to liberate said coumarin.

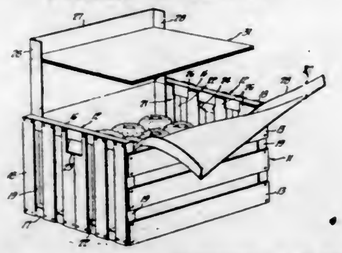
2,449,163
PROCESS FOR THE PREPARATION OF ALPHA, ALPHA-DIALKYL BETA-CHLORO-PROPIONIC ACIDS
Thomas Aven Ford, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 2, 1946, Serial No. 687,961
7 Claims. (Cl. 260—539)

6. Process for the preparation of beta-halogenopropionic acids which comprises bringing, as the sole olefinic reactant, an olefinic compound of the formula

$$RCH{=}C(CH_3)CH_2X$$

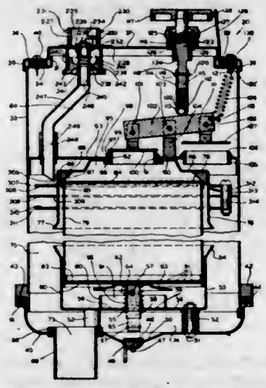
wherein X is a halogen selected from the 2d and 3d periods of the periodic table and R is selected from the class consisting of hydrogen and alkyls of one to six carbons, under a carbon monoxide pressure of at least 200 atmospheres in contact, at 50–200° C., with a hydrated strong acid catalyst.

2,449,164
PACKING OF LETTUCE AND PACKAGE
Alfred B. Haslacher, San Francisco, Calif.
Application April 2, 1946, Serial No. 659,078
5 Claims. (Cl. 99—171)



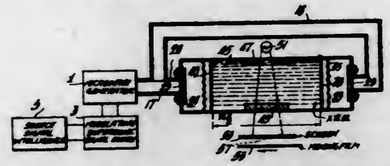
5. A lettuce package consisting of a wooden crate having opposite end sections, at least one of said sections including spaced end posts and a top and bottom cleat forming a frame inside said crate; an air circulation member mounted in said frame and having vertical flutes therein, at least two tiers of lettuce heads positioned in said crate with the butts upward, a laminated separator sheet having at least one corrugated inner layer and positioned on top of the butts in the subjacent lettuce tier, a water-proof liner in said crate between said ends surrounding the tiers of lettuce except at the ends of the crate, and a lid for said crate.

2,449,165
AIRBORNE ANESTHETIZING APPARATUS
Jay A. Heidbrink, Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application May 8, 1944, Serial No. 534,642
8 Claims. (Cl. 128—191)



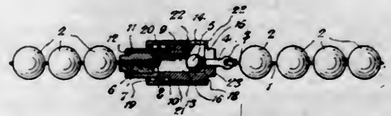
7. An anesthetizing apparatus, comprising an anesthetizing head, a transverse partition therein forming an upper chamber and a lower chamber on the head, a soda lime container having perforated ends and being removably supported in the lower chamber so as to leave a space of large cross sectional area about and across the lower end of the same, a re-breathing bag connected with said space, a breathing line having breathing connection of the inhalation side with said space and not said upper chamber and having breathing connection of the exhalation side with the upper chamber, said partition having a port and connecting passageway going to the upper end of the soda lime container and a second port and passageway going to said space, a centrally pivoted bar and a valve on each end thereof, and means including a spring acting upon one end of the bar and a hand operated stem acting on the other end of the bar for swinging the bar on its pivot to open one port and close the other port simultaneously to any degree desired, thereby to control the movement of exhalation gas from the upper chamber so it may wholly or in part pass through said space to the re-breathing bag or may wholly or in part pass through the soda lime container to the re-breathing bag.

2,449,166
MICROWAVE-ACOUSTIC LIGHT VALVE
William D. Hershberger, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Original application June 15, 1944, Serial No. 540,429. Divided and this application May 14, 1945, Serial No. 593,608
4 Claims. (Cl. 179—100.3)



1. A light valve for indicating microwave modulation characteristics including a chamber for confining a microwave absorptive gas, means for irradiating said gas by modulated microwaves of a frequency absorbed by said gas to provide pressure variations in said gas characteristic of said modulation, a fluid medium having light transmission characteristics dependent upon pressure variations therein, and means for transmitting said pressure variations in said gas to said medium.

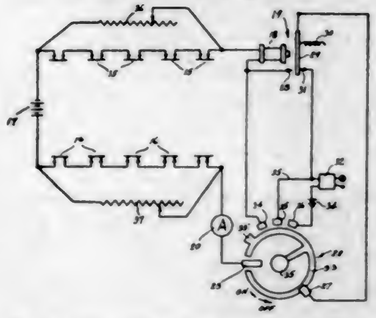
2,449,167
HEAD AND SOCKET SEPARABLE SAFETY FASTENER
Lester H. Hopewell, Brooklyn, N. Y.
Application May 8, 1946, Serial No. 668,275
3 Claims. (Cl. 24—223)



1. A clasp comprising a cylindrical body member, a sleeve surrounding said body member and rotatable thereon, and a coupling member having a shank and an enlarged head, said body member having an interior recess, an aperture through its side wall opening into said recess,

and a slot in its end wall opening into said recess and into said aperture, said sleeve having an aperture in its side wall and a slot in its end wall opening into said aperture, the aperture and slot of the sleeve being adapted to register with the aperture and slot of the body member in one position of rotation of said sleeve with respect to said body member to enable the head of said coupling member to be inserted in and withdrawn from said recess.

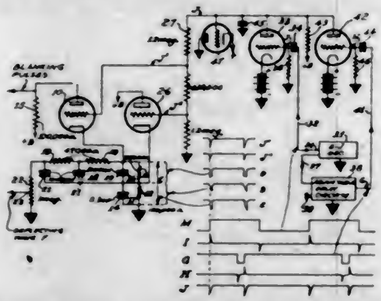
2,449,168
ELECTRICAL ALARM SYSTEM
James J. Kertz, Jamaica, N. Y., assignor to Maurice Coleman, Brooklyn, N. Y.
Application November 18, 1947, Serial No. 786,653
3 Claims. (Cl. 177—314)



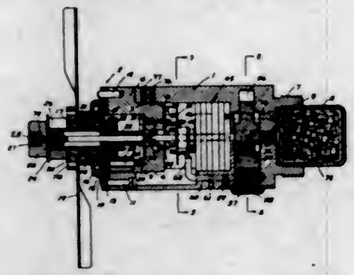
2. In an electrical alarm system of the character described, a protective circuit including protective switch means adapted to be in closed condition when the system is set into operative condition, a relay and a source of electrical energy in series electrical connection with said switch means in said protective circuit, an alarm circuit controlled by said relay and high electrical resistance means shunting only said switch mechanism; said resistance means being characterized in that upon a momentary break occurring in the shunted portion of the protective circuit after the system is set into operative condition, sufficient current will flow in the protective circuit to augment the action of the residual magnetism in the relay core to maintain the armature of the relay in its attracted position during such momentary continuance of such break to avoid operation of the alarm circuit during such momentary continuance of said break, and further characterized in that while said armature is in released position the current flowing in the protective circuit is insufficient to actuate the relay to attract the armature during any break in said switch means in the protective circuit.

2,449,169
DEFLECTING CIRCUITS
Loren R. Kirkwood, Oaklyn, N. J., and Paul F. G. Holst, Mount Healthy, Ohio, assignors to Radio Corporation of America, a corporation of Delaware
Application June 4, 1946, Serial No. 674,184
11 Claims. (Cl. 250—27)

11. A cathode-ray deflection wave circuit comprising a vacuum tube having an anode, a cathode and a control grid, a plurality of resistor-capacitor circuits having different time constants and connected in series with each other, said series connected circuits being connected in series with the cathode-anode impedance of said tube, means for supplying direct current to said circuits through said tube for charging the capacitors of said circuits to a predetermined direct-current potential, a second vacuum tube having an anode, a cathode and a control grid, the cathode of said second tube being connected to a junction point of said series connected resistor-capacitor circuits whereby a portion of said circuits may be charged through said second tube, means for interrupting periodically the flow of charging current through said tubes to said circuits, and means for applying the sum of the voltages that appear across said circuits during said periods of current interruption to a utilization circuit, said means for interrupting periodically the flow of charging current comprising means for producing a first group of periodically recurring pulses, means for producing a second group of periodically recurring pulses that are displaced in phase with respect to said first group, a pair of vacuum tubes having input electrodes to which said first and second groups of pulses are applied, respectively, said pair of tubes having a common output resistor whereby said first and second group of pulses are combined, a direct-current connection from said output resistor to the control grids of the first and second vacuum tubes, and a clipping diode connected between said direct-current connection and ground.

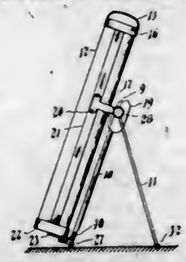


2,449,170
BOMB FUSE
John B. MacLean and Max E. Schlenker, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y., a corporation of Delaware
Application November 8, 1943, Serial No. 509,394
4 Claims. (Cl. 102—84)



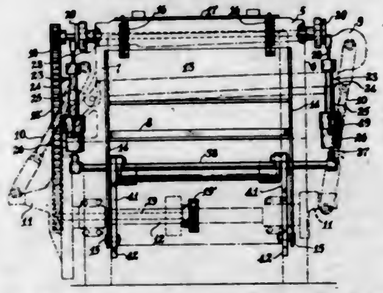
1. In a bomb fuze, a spring biased firing pin, a latch for holding said pin in cocked position, a mechanical time movement and a cam driven thereby, means controlled by said cam for releasing said latch, detonator carrying means and means for moving same to armed position, and a second cam driven by said time movement for releasing said detonator carrying means.

2,449,171
GOLF BAG STAND
Daniel Matthews, Toronto, Ontario, Canada
Application October 9, 1947, Serial No. 778,835
4 Claims. (Cl. 248—96)



1. A golf bag stand comprising a frame, and legs carried thereby for spreading from a normally closed position to an open position, one of the legs being slidably mounted alongside of the bag and having a lower end projecting below the bottom thereof, another of the legs being pivotally mounted to swing away from the bag to an open position, a pivot bar rigid with the pivoted leg, an arm rigid therewith having a distal end loosely engaged in an aperture formed in the slidable leg whereby a receding movement of the slidable leg is operative to swing the pivoted leg to open position.

2,449,172
CLAMPING MECHANISM
Robert L. McBride, New York, N. Y.
Application January 16, 1946, Serial No. 641,559
4 Claims. (Cl. 164—51)



1. In a paper cutting machine, the combination of a motor, a support for a pile of paper to be cut, a reciprocal knife, mechanism for moving said knife into engagement with the pile of paper for cutting same including a crank shaft operatively connected to the motor, a reciprocal clamp member and hydraulically actuated mechanism for moving said clamp into engagement with the pile of paper and subsequently exerting a pressure thereupon for compacting the paper and holding same firmly during the cutting operation, said hydraulically actuated mechanism including a rotatable cam member, a casing containing fluid under pressure, pistons in said casing, one of said pistons being operatively connected to the cam member and movable thereby and the other pistons being movable under the influence of the fluid moved by the cam actuated piston and means of connection between one of the fluid movable pistons and the clamp member for moving said clamp member.

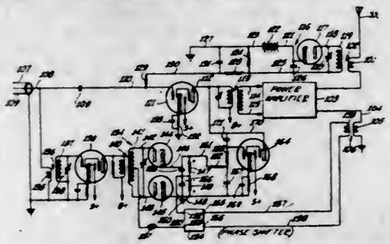
2,449,173
ALKENYL SULFOLANYL AND SULFOLENYL CARBONATES
Rupert C. Morris, Berkeley, and Edward C. Shokal, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 13, 1945, Serial No. 604,974
9 Claims. (Cl. 260—329)

5. The compounds of the general formula

$$X-O-\overset{\overset{O}{\|}}{C}-O-Y$$

wherein X is a radical of the group consisting of the sulfolanyl radicals and the sulfolenyl radicals, and Y is an alkenyl radical.

2,449,174
ANTENNA SUPPLY PHASE AND AMPLITUDE CONTROL
William J. O'Brien, Los Angeles, Calif., assignor to The Decca Record Company, Limited, London, England, a corporation of Great Britain
Application April 13, 1942, Serial No. 438,712
7 Claims. (Cl. 250—17)

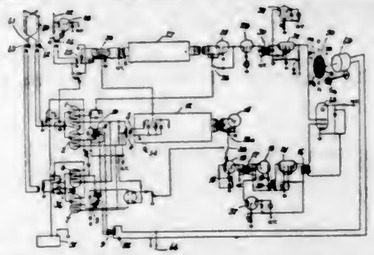


2. In a radio frequency transmitting apparatus, the combination of: a source of radio frequency energy; a transmitting antenna having a transmission resistance; a circuit coupling said antenna to said source; and a device for compensating for changes in said transmission resistance comprising a variable series resistance in said circuit, actuating means operable to vary said resistance, control means responsive to changes in magnitude of antenna current, and means coupling said control means to said actuating means for varying said resistance in accordance with said changes in magnitude of said antenna current.

2,449,175
RADIO DIRECTION FINDER
William Joseph O'Brien, London, England, assignor to The Decca Record Company, Limited, London S. W. 9, England, a corporation of Great Britain
Application July 24, 1944, Serial No. 546,248
In Great Britain May 13, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 13, 1963
5 Claims. (Cl. 343—121)

1. A radio direction-finder comprising two fixed receiving antennae arranged with their directional properties in a required angular relation-

ship, two electronic devices, means for applying high-frequency signal potentials built up in the two antennae respectively to the control electrodes of said electronic devices, means for generating two low-frequency A. C. signals of identical frequency but out-of-phase to a degree corresponding to said angular relationship of the two antennae, means for applying the two out-of-phase A. C. signals respectively to said electronic devices so as to modulate the high-frequency signals, each of which electronic devices is arranged to provide a reversal of phase of the modulated signal due to reversal of



polarity of the applied A. C. signal, means for combining the resulting out-of-phase modulated outputs of the electronic devices, a gas-discharge tube having ionisation control elements connected by a suitable circuit with the combined output of the two electronic devices so as to produce ionisation voltage surges as varying phase-time points in said combined signal according to the relative amplitude of the two high-frequency signals, and means driven in synchronism with the A. C. supply and illuminated by the gas-discharge tube so as to indicate in a stroboscopic manner the positions of the surges in each cycle.

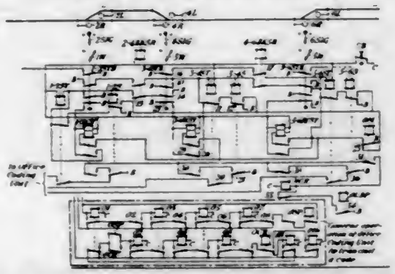
2,449,176

RECALL CONTROL MEANS

Frank T. Pascoe, Carnegie, and Arthur L. Jerome, Edgewood, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application September 18, 1946, Serial No. 697,706

19 Claims. (Cl. 177—353)



1. In a remote control system of the type having an office and a plurality of field stations, the equipment at the office including a code transmitter for transmitting different control codes to said stations each comprising a first group of elements adapted to select a station and a second group of elements for operating movable devices at the selected station and also including recall means effective when actuated to interrupt the transmission of a code following the selection of a station and prior to operation of any of said movable devices, the equipment at each station including a code transmitter for transmitting indication codes to the office for indicating the condition of said movable devices and also including starting means for initiating the operation of the associated transmitter in response to a change in the condition of any of the movable devices at such station and also in response to said interrupted code provided the interrupted code includes the selecting elements to which such station is selectively responsive, control means for governing said recall means, said control means comprising for each station an auxiliary relay having contacts which normally occupy a first position, manually controlled circuit means effective when the operator actuates control devices to transmit a recall code to a selected station for moving the contacts of the auxiliary relay for that station to their second position, means for actuating said recall means when the office code transmitter transmits a code including the selecting elements designating a station and the contacts of the auxiliary relay for that station are in their second position, and means for each auxiliary relay effective subsequent to the transmission of the selecting elements of a code designating the corresponding station for causing the relay contacts to move from their second to their first position.

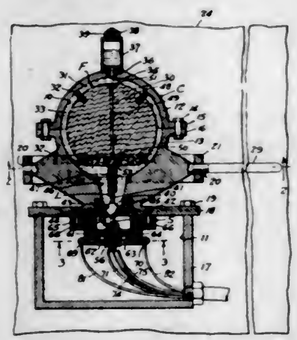
2,449,177

TILT-ACTUATED SWITCH

Leslie K. Perry, Los Angeles, Calif.

Application April 23, 1946, Serial No. 664,247

6 Claims. (Cl. 200—52)



1. In an instrument of the class described, means defining a chamber containing a liquid and adapted to be fixed to an aircraft; a buoyant body rotatable in said liquid and guided by the chamber wall with negligible friction; switch mechanism composed of a main contact and a plurality of motor contacts; means mounting said motor contacts in a circular series around the main contact, for unitary movement with the first means as the aircraft assumes various attitudes when in flight; a motion transferring element having a connecting portion and a portion carrying said main contact; means co-acting with said element to mount same for tilting movements in any direction about a fixed center on the first said means; and means co-acting with said connecting portion of said element and said body, to operatively connect them for tilting movement of the element to engage said main contact with a predetermined one of said motor contacts in accordance with the direction of the aforestated movement of the first said means.

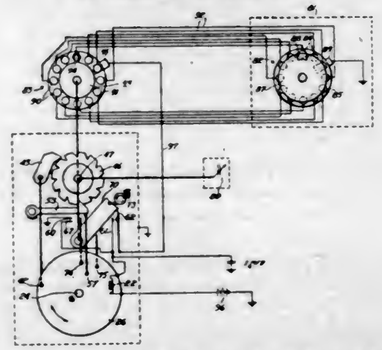
2,449,178

STEP-BY-STEP AUTOMATIC TUNING CONTROL

George L. Sansbury, Cedar Rapids, Iowa, assignor to Collins Radio Company, Cedar Rapids, Iowa, a corporation of Iowa

Application March 6, 1947, Serial No. 732,696

13 Claims. (Cl. 318—21)



1. An automatic shaft-positioning arrangement comprising an automatic selector switch of the line finder type, a step-by-step motor device for operating said switch and the shaft to be controlled, said motor device comprising a toothed wheel, a cooperating driving pawl, and a solenoid having its plunger connected to said pawl and provided with means to convert received selected impulses into a composite rectilinear and rotary movement of said plunger, the last-mentioned means comprising a disc attached to said plunger and having a plurality of camming guides and a cooperating ball for each guide for converting the reciprocal motion of said plunger into said composite movement, said driving pawl being attached to said disc.

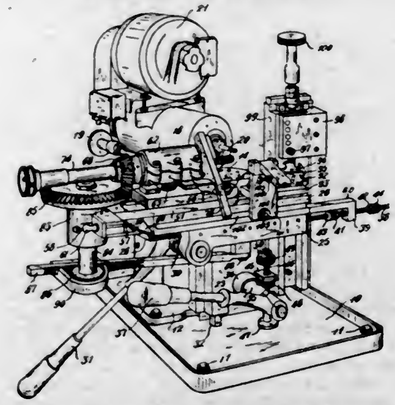
2,449,179

MILLING MACHINE

Otto W. Scharping, Cleveland, Ohio, assignor to The Martindale Electric Company, Cleveland, Ohio, a corporation of Ohio

Application September 24, 1943, Serial No. 503,675

12 Claims. (Cl. 90—13.9)



1. In a milling machine of the character described, a rotating cutter held against bodily movement, a reciprocating bed, a work table mounted to swing on said bed, said table carrying a rotatable work spindle for supporting the work in engagement with said cutter, means for indexing said spindle, indexing means for varying the angle between said bed and table, and means dependent upon the reciprocation of said bed for rotating said spindle through a predetermined angle during each stroke of the bed, hand lever means for reciprocating said bed and simultaneously operable hand lever means for raising or lowering said bed.

2,449,180

COMPOSITION OF PHENOL-RUBBER AND RESORCINOL-FORMALDEHYDE

Herman E. Schroeder, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 21, 1945, Serial No. 600,839

2 Claims. (Cl. 260—3)

1. A composition comprising a blend of a phenol-rubber and a heat-convertible resorcinol-formaldehyde resol, the phenol-rubber constituting 25% to 90% of the blend; the phenol-rubber being a reaction product of rubber and phenol containing 1% to 5% of the phenol chemically combined with the rubber, and the resol being the condensation product of resorcinol and formaldehyde solely.

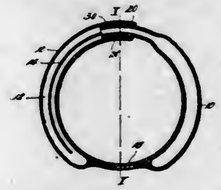
2,449,181

NONREMOVABLE TRANSPARENT IDENTIFICATION BAND WITH A TAG THEREIN

John R. Smiley, Kansas City, Mo.

Application April 26, 1944, Serial No. 532,828

5 Claims. (Cl. 40—19)



4. A non-removable identification band comprising a flexible elongated transparent member having tubular end portions, one of said end portions being externally grooved and formed to telescope into the other of said end portions to form a closed band, an elastic band disposed in the groove formed in the outer wall of the inner telescoping end portion to engage the inner wall of the outer tube portion whereby to preclude relative movement of the telescoping tube portions in one direction, and an identification tag positioned in said tubular members.

2,449,182

DIELECTRICALLY TUNED WAVEMETER

Carl G. Sontheimer, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware

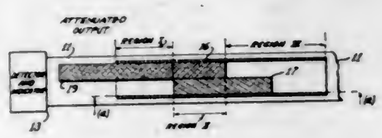
Application December 30, 1943, Serial No. 516,208

9 Claims. (Cl. 250—39)

3. An adjustable microwave attenuator including a rectangular waveguide transmission system having a constricted portion thereof providing a region of relatively high attenuation at the operating microwave frequency and mode of wave propagation with a low-loss dielectric con-

stant fluid occupying only a predetermined rectangular cross-sectional portion having one dimension substantially coincidental with the electrical axis dimension of said constricted waveguide portion, a fixed relatively higher dielectric constant low-loss solid element extending for a predetermined distance along the remaining cross-sectional portion of said constricted portion, means for introducing microwave energy into said constricted waveguide portion, means for deriving attenuated micro-wave energy from said constricted waveguide portion, a movable high constant low-loss dielectric solid element proportioned to occupy said predetermined cross-sectional portion of said constricted portion and means for adjusting the longitudinal position of said movable element in said constricted portion intermediate said microwave energy introducing means and said deriving means for adjusting said attenuation of said derived microwave energy.

9. An adjustable microwave wavemeter device including a rectangular waveguide having a constricted portion providing a region of relatively high attenuation at the operating microwave



frequency and mode of wave propagation with a low dielectric constant low-pass fluid occupying only a predetermined rectangular cross-sectional portion having one dimension substantially coincidental with the electrical axis dimension of said constricted portion, a fixed relatively higher dielectric constant low-loss solid element extending for a predetermined distance along the remaining cross-sectional portion of said constricted portion, a movable relatively high constant dielectric low-loss solid element proportioned to occupy said predetermined cross-sectional portion of said constricted waveguide portion, means for adjusting the longitudinal position of said movable element in said constricted waveguide portion for effectively tuning said constricted waveguide portion, and an indicator coupled to said second microwave device and responsive to said microwave energy for indicating the resonance of said tuned device to said operating frequency.

2,449,183

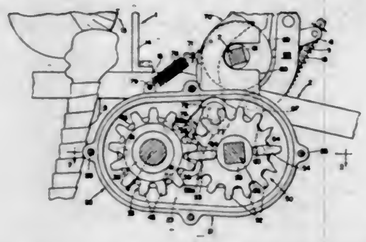
POWER LIFT FOR GRAIN DRILLS

John H. Starr, Mayville, Wis., assignor to John Deere Van Brunt Company, a corporation of Wisconsin

Application January 15, 1944, Serial No. 518,461

17 Claims. (Cl. 97—244)

1. In a grain drill having an axle and a pressure shaft mounted in substantial parallelism, and tool means adapted to be connected with the latter, power lift means for the latter comprising a power unit adapted to derive power from said axle and deliver the same controllably to said pressure shaft and through the latter to said tool means to raise the latter, said power unit comprising a driving member, a driven member, and means for controlling the connection between said members, and means slidably but non-rotatably connecting said members, respectively, with said axle and said pressure shaft, whereby said



power unit may be disposed in different positions along said axle and shaft to raise said tool means.

2,449,184

ORAL FLUORIDE-VITAMIN PREPARATION

Lyon P. Strean, Montreal, Quebec, Canada, assignor, by mesne assignments, to Ayerst, McKenna & Harrison Limited, New York, N. Y., a corporation of New York

No Drawing. Application March 8, 1944, Serial No. 525,591

3 Claims. (Cl. 167—55)

1. A dosage unit for topical oral therapy of exposed erupted caries-susceptible teeth, consisting of a lozenge adapted to be dissolved slowly in the saliva of the mouth, whereby the inner mouth surfaces including the surfaces of exposed erupted teeth are bathed with saliva containing dissolved constituents of the lozenge, said lozenge containing a major amount of excipients and a minor amount of active ingredients, said active ingredients comprising ascorbic acid, vitamin D and an amount of a fluoride selected from the group consisting of calcium fluoride and sodium fluoride not in excess of about 4 milligrams.

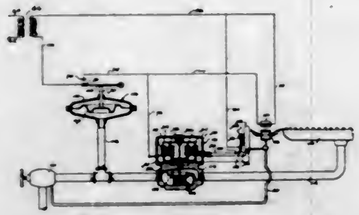
2,449,185

SAFETY CONTROL SYSTEM FOR FUEL BURNERS

Max S. Unger, Greensburg, Pa., assignor to Robertshaw-Fulton Controls Company, a corporation of Delaware

Application June 5, 1944, Serial No. 538,864

8 Claims. (Cl. 158—117.1)



1. Safety control apparatus for fuel burners having main and pilot burners comprising in combination, control means operable for controlling the supply of fuel to the main burner and being biased to one controlling position, electromagnetic means including a plurality of coil means and a single armature movable relatively to said coil means between attracted and released positions, said electromagnetic means being operatively associated with said control means for overcoming said bias when at least one of said

coil means is energized sufficiently to hold said armature in said attracted position and said control means in another controlling position, means responsive to the presence of a flame at the pilot burner for energizing said one coil means sufficiently to hold said armature in said attracted position but insufficiently to cause said relative movement from released position, a source of current supply, means for energizing another one of said coil means from said source sufficiently to cause said relative movement of said armature from released to said attracted position, and means responsive to the said positioning of said control means and said armature upon said relative movement for rendering said last means inoperative while said armature remains held in said attracted position by energization of said one coil means.

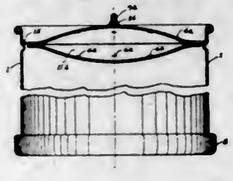
2,449,186

SELF-OPENING CONTAINER

Nathaniel B. Wales, New York, N. Y., assignor, by mesne assignments, to Industrial Patent Corporation, New York, N. Y., a corporation of New York

Application February 17, 1945, Serial No. 578,451

10 Claims. (Cl. 220—47)



5. A hermetically sealed container, opened by the application of heat thereto, comprising a cover therefor, formed of two discs seam-welded circumferentially one to the other, to form a chamber therebetween, and means to inject and seal in said chamber a volatile fluid, a hermetical seal formed around the circumference of one of said discs, exterior to said chamber, sealing said container, and a scored ring section formed in said disc between the seam-weld therein and the seal made with the container, pressure responsive to a rise in temperature of said volatile fluid for expanding said chamber, and means actuated by the expansion of said chamber to sever said scored ring section in said cover.

2,449,187

PROJECTING APPARATUS

George C. Walters, Rocky River, Ohio

Application December 6, 1944, Serial No. 566,941

5 Claims. (Cl. 124—13)



2. A device of the class described comprising a pair of telescopically associated tubes, the outermost of which is closed at one end and the other of which is open at both ends, and a cap detachably mounted on the outer end of the inner tube in sealing relationship therewith, said cap being adapted to be disengaged and propelled from the inner tube by virtue of air pressure generated by telescoping the inner tube within the outer tube.

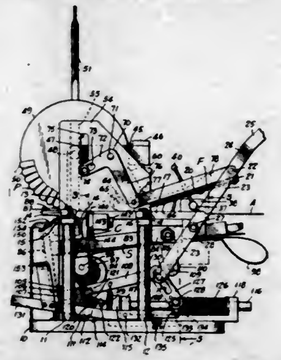
2,449,188

TICKET MARKING AND ATTACHING MACHINE

Clair B. Weller, Los Angeles, Calif., assignor of one-half to Duane C. Maddux, Los Angeles, Calif.

Application November 6, 1945, Serial No. 626,922

18 Claims. (Cl. 93—88)



2. In a machine of the class described, means defining a guideway for strip stock; stock feeding means; printing mechanism; means mounting said printing mechanism for movement to occupy an inking position, and a printing position with respect to stock in said guideway; inking means for said printing mechanism; spring power means; means for loading said power means; means operatively connecting the loading means to the printing mechanism to move the latter to inking position for inking of its type by said inking means during loading of said power means; means for releasably retaining said power means loaded; stapling mechanism; means operatively connecting said stapling mechanism to said power means for actuation by the latter to effect a stapling operation upon stock in said guideway when said power means is released from said retaining means; means operatively connecting the stapling and printing mechanisms for effecting printing on said stock by said printing mechanism; and cutting means operated by said power means in synchronism with the aforestated stapling and printing operations for separating from the stock, that portion thereof subjected to the printing and stapling operations.

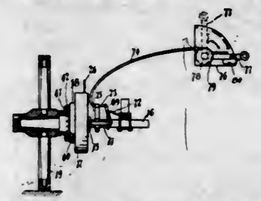
2,449,189

HORSE TIE

David S. Young, Toronto, Ontario, Canada, assignor of one-half to Wesley Thompson, London, Ontario, Canada

Application October 28, 1946, Serial No. 706,273

19 Claims. (Cl. 280—192)



1. A checking device for a horsedrawn vehicle comprising in combination a support, a sheave rotatably mounted on said support, a cable attached to said sheave for connection to the bridle

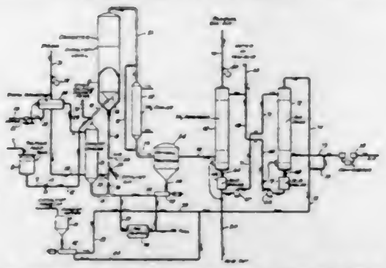
of the horse, a first clutch for forwardly turning said sheave including a driving element journalled on said support, means providing radial teeth on said sheave, and a spring-projected key slidably mounted on said driving element for engaging said radial teeth; a second clutch, said second clutch being operable by manual control for establishing a driving connection between said driving element of the first clutch and a wheel of the vehicle; and a trip mechanism for said key comprising a pivoted cam radially disposed on said driving element and provided with a notch, a finger engaged in said notch and carried by said key, a circular series of fixed teeth mounted on said support concentric with said driving element, a wiper bar rigidly carried by said cam having an end for riding on said circular series of teeth, and spring means urging said wiper bar to drop into an interdental space of said circular series of fixed teeth.

2,449,190

PROCESS FOR THE PRODUCTION OF SULFUR TRIOXIDE

Arnold Belchetz, Larchmont, N. Y., assignor to Stauffer Chemical Company, a corporation of California

Application August 3, 1945, Serial No. 608,742
4 Claims. (Cl. 23—174)



1. A process for producing SO_3 comprising injecting a material from the group consisting of sulphur, waste sulphuric acid and mixtures thereof into a reaction zone, introducing solid particles of a vanadium oxidation catalyst and air into said zone to maintain a catalyst bed in fluidized suspension therein, the quantity and temperature of catalyst introduced being sufficient to maintain said zone at a temperature in the range of 600°–1100° F. and conducive to oxidation of SO_2 to SO_3, removing a stream of catalyst from said zone, cooling the removed catalyst stream, and returning at least a portion of the cooled catalyst stream with additional air.

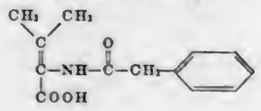
2,449,191

PHENACETYLAMINOMETHYLCROTONIC ACID

Otto K. Behrens, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application August 24, 1945, Serial No. 612,523
1 Claim. (Cl. 260—518)

N-phenylacetyl - α - amino-β,β-dimethylacrylic acid represented by the formula



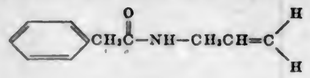
2,449,192

N-ALKENYL PHENYLACETAMIDES

Otto K. Behrens and Quentin F. Soper, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application August 24, 1945, Serial No. 612,527
4 Claims. (Cl. 260—558)

1. N-allyl-phenylacetamide represented by the formula



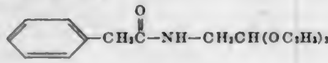
2,449,193

PROCESS AND CULTURE MEDIUM FOR PRODUCING PENICILLIN

Otto K. Behrens, Reuben G. Jones, and Quentin F. Soper, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application August 24, 1945, Serial No. 612,530
7 Claims. (Cl. 195—36)

1. The method of producing penicillin in submerged culture which comprises growing a Penicillium mold of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of N-(2,2-diethoxyethyl) -phenylacetamide represented by the formula



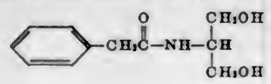
2,449,194

N-DIHYDROXYPROPYL PHENYLACETAMIDE

Otto K. Behrens and Joseph W. Corse, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application August 24, 1945, Serial No. 612,531
1 Claim. (Cl. 260—558)

N-(1,3-dihydroxy - 2-propyl) -phenylacetamide represented by the following formula



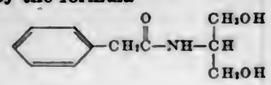
2,449,195

PROCESS AND CULTURE MEDIA FOR PRODUCING PENICILLIN

Otto K. Behrens and Joseph W. Corse, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application August 24, 1945, Serial No. 612,535
7 Claims. (Cl. 195—36)

1. The method of producing penicillin in submerged culture which comprises growing a Penicillium molds of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of N-(1,3-dihydroxy-2-propyl) -phenylacetamide represented by the formula

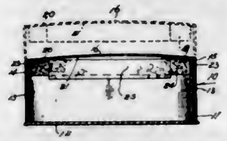


2,449,196

POWDER BOX HAVING SEALING RING

George Russell Bent, Northbrook, Ill., assignor, by mesne assignments, to Consolidated Cosmetics, Chicago, Ill., a partnership composed of James L. Younghusband and Howard Younghusband

Application September 7, 1946, Serial No. 695,437
1 Claim. (Cl. 229—5.5)



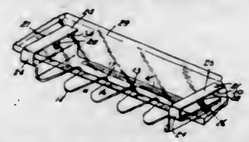
A cardboard powder box comprising a container having a closed bottom and straight side walls extending upwardly from the bottom to an open top, a cover having a closed top without indentations, and straight side walls extending downwardly from the top to an open bottom, and a sponge rubber ring having a top and straight side walls, the side walls of said ring being parallel to the side walls of said cover, and the side walls of said container, the top of said ring attached to the inner surface of the top of said cover, the side walls of said ring unattached to and spaced slightly from contact with the side walls of said cover, said cover slightly larger than said container and adapted for removable engagement therewith, so that the straight side walls of said container extend directly upwardly between the straight side walls of said ring and the upper portions of the straight side walls of said cover, thereby contacting and compressing said ring to form a seal to prevent loss of powder from said container.

2,449,197

TUBE HOLDER

Alfred B. Benziger, Chicago, Ill.

Application August 22, 1946, Serial No. 692,277
1 Claim. (Cl. 211—74)



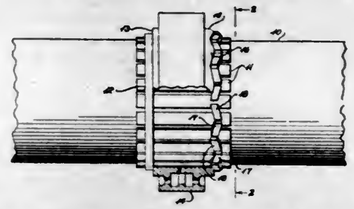
A tube holder comprising a thin hard plate, a pair of integral opposite raised end portions, a pair of U-shaped clamping members having upper and lower legs, with their upper legs contacting said end portions, said upper legs adapted to contact the upper surface of a shelf so as to position said plate below said shelf, and a pair of tightening members extending through said end portions and said U-shaped members and contacting the under surface of the shelf for removably attaching the tube holder to the shelf, said thin hard plate having a plurality of spaced cut out portions beginning at the front of the plate, each of said cut out portions defined by diagonally inwardly extending opposite side walls, with the widest part of each cut out portion in front, graduated to the narrowest part in back, each of said cut out portions adapted to permit the entry and withdrawal of a tube formed of softer material than said plate and having a cap, said opposite side walls of each cut out portion adapted to contact said tube below its cap and to bite into the soft material of the tube for removably holding the same in rigid position.

2,449,198

RIDING RING MOUNTING FOR ROTARY CYLINDERS

Richard Bernhard, Allentown, Pa., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa., a corporation of Delaware

Application August 28, 1946, Serial No. 693,599
12 Claims. (Cl. 308—204)



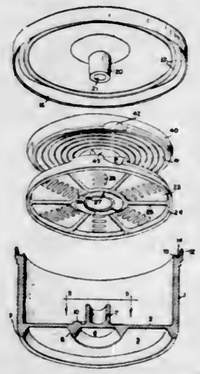
1. In combination, a rotary cylinder and a riding ring surrounding said cylinder, abutment means for one side of the ring fixed to the cylinder, the other side of the ring being provided with a circumferentially extending series of substantially triangular teeth, and abutment means for said other side of the ring fixed to said cylinder and presenting a series of wedge formations engageable with one side of the ring teeth upon relative turning of the cylinder and ring in one direction whereby to wedge the ring against the first abutment means and to positively limit such relative turning.

2,449,199

FILM TANK

Walter W. Boes, Dayton, Ohio, assignor to The W. W. Boes Company, Dayton, Ohio, a corporation of Ohio

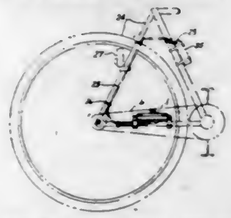
Application July 31, 1946, Serial No. 687,467
2 Claims. (Cl. 95—90.5)



1. In a device for developing films, a receptacle, a reel rotatable therein, said reel comprising a pair of oppositely disposed plates provided with grooves which extend toward one another and have a spiral configuration, means for locating the plates with respect to one another both in the longitudinal and peripheral directions, and means for periodically causing the reel to move reciprocably in the longitudinal direction as it is being roated while simultaneously restraining the reel from rotating in the opposite direction, said means comprising segmentally-shaped annular cams tapering in thickness to an abrupt shoulder, one set of cams being positioned on the lower surface of said reel and the other set of cams being

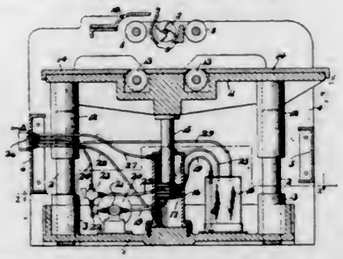
positioned on the bottom of said receptacle whereby when said shoulders come into contact on reverse rotation of the reel the movement of the reel in the reverse direction is stopped.

2,449,200
BICYCLE REAR LIGHT CONTROL
Roger Boucher, Hull, Quebec, Canada
Application November 28, 1947, Serial No. 788,729
In Canada November 17, 1947
3 Claims. (Cl. 315—77)



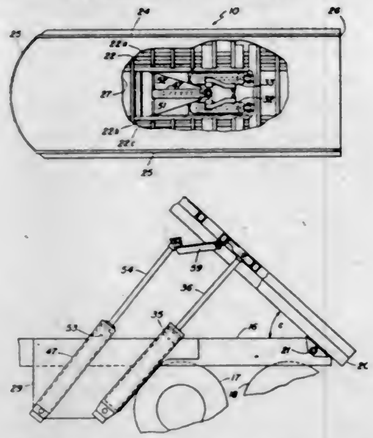
1. In a bicycle rear light control, a housing secured to the frame of a bicycle circuit contact plates on the bottom of said housing, a carriage made of nonconducting material provided with upper and lower rollers and adapted to move back and forth on said plates in the housing, a bicycle driving chain, a longitudinal recess in said carriage and a dog adapted to partly rotate in a vertical plane therein, teeth formed on the outer extremity of said dog for engagement with said driving chain.

2,449,201
PLANER CONSTRUCTION
Hadley N. Buss, Detroit, Mich.
Application February 11, 1946, Serial No. 646,904
4 Claims. (Cl. 144—129)



1. In a construction as described, a horizontal base of substantially rectangular form, vertical guide posts connected to and extending upwardly, one at each corner of the base, vertical supporting ends spaced from each other and connected with said base, a horizontal rotary planer cutter mounted on and between said supporting ends at their upper portions, a horizontal table between said supporting ends located below the planer cutter, downwardly extending vertical guide sleeves on the table, one for each post, telescopically receiving the upper end portions of said posts, hydraulic piston-cylinder means having a fixed connection and mounting relative to the base, means for pumping liquid under pressure, means for conducting said liquid selectively to either end of the cylinder of said means and for carrying liquid away from the cylinder at the opposite end, manually operable means for controlling the selected end of the cylinder to which the liquid is carried, and operative means for raising and lowering said horizontal table and the guide sleeves carried thereby in conformity with the end of the piston to which said liquid is pumped under pressure.

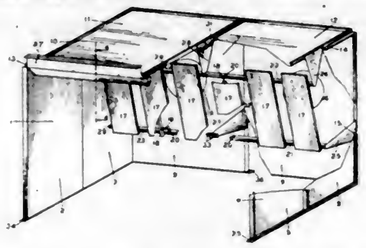
2,449,202
HYDRAULIC ACTUATING MECHANISM FOR DUMP TRUCKS
Herbert O. Day, Bowling Green, Ohio
Application November 8, 1946, Serial No. 708,632
3 Claims. (Cl. 298—22)



1. Load-dumping mechanism for a vehicle having a chassis frame, and a truck body tiltable upon said chassis about a horizontal axis extending transversely of the chassis frame, said mechanism comprising a main hydraulic power cylinder the rear end of which is mounted upon said chassis frame to swing about a horizontal axis representing the pivotal point of the cylinder and which has a piston rod engaging the truck body, an auxiliary cylinder spaced from said main cylinder and having its rear end pivotally mounted upon said chassis frame at a point spaced farther from said horizontal body-tilting axis than the pivotal point of said main power cylinder so as to swing about a horizontal axis parallel to said other two horizontal axes and having an auxiliary piston rod engaging said truck body, and automatic means for operatively disengaging the auxiliary piston rod from the body when the body continues tilting past the maximum extension of the auxiliary piston rod, and for operatively reconnecting said piston end with the body at a pre-determined point of the return movement thereof.

2,449,203
SPRAY BOOTH
Albert R. Clark and Reynold J. Kittle, Toledo, Ohio, assignors to The De Vilbiss Company, Toledo, Ohio, a corporation of Ohio
Application January 1, 1944, Serial No. 516,684
1 Claim. (Cl. 91—60)

In a spray booth having an open front end, a rear end for the exhaust outlet and a roof with a number of sections fastened to each other along adjoining sides extending from the rear and toward the front of the booth, a supporting beam of T-shaped cross section; extending across the full width of the booth with the vertical portion fastened to the forward edges of the roof sections, and a water deflecting curtain held between the vertical portion of the beam and the forward edges of the roof sections and extending



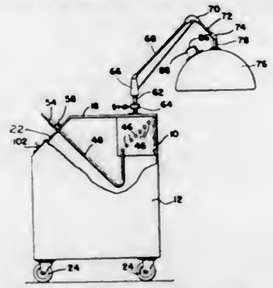
downwardly a short distance into the spray booth.

2,449,204
DISPLAY PAGE FOR COINS AND OTHER OBJECTS
Charles Glenn Curtis, Brea, Calif.
Application April 28, 1945, Serial No. 590,945
3 Claims. (Cl. 206—0.83)



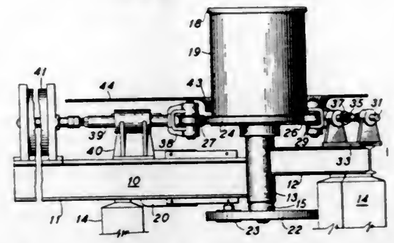
3. A display page comprising a central part having apertures therethrough, an upper part secured to said central part and overlying said apertures but terminating short of three of the side edges of the central part, a lower part adapted to underlie said central part and cover said apertures said lower part having walls extending around three of its edges and flanges arranged to overlie edges of the central part, said parts having registrable perforations, the under part having a finger receiving openings formed on its fourth edge.

2,449,205
HAIR DRIER
Oreste D'Emilio, Nutley, N. J.
Application August 1, 1946, Serial No. 687,664
1 Claim. (Cl. 34—90)



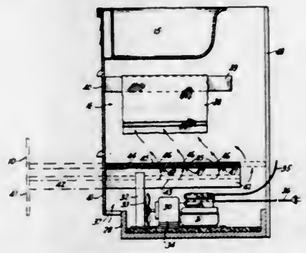
An appliance of the character described comprising a cabinet, motor means in said cabinet, pump means actuated by said motor means, a compressed air storage means connected to said pump means, air distribution means connected to said storage means, a plurality of conduit means connected to said distribution means for directing air onto a person's head, heating means in said distribution means, a second conduit means connected to said distribution means for conducting air outwardly of said distribution means, a hood on said conduit means for directing air onto a person's head, air circulating means carried by said hood for forcing the air outwardly of said hood, and nozzles on the ends of said first conduit means for directing a secondary stream of air onto the person's head when covered by said hood.

2,449,206
APPARATUS FOR ROLLING STEEL BARREL CHIMES
Eldon O. Dryer, Richmond, and Allen H. Meisenheimer, Jr., Berkeley, Calif.
Application January 27, 1947, Serial No. 724,574
2 Claims. (Cl. 153—32)



1. In combination, a turntable having a rim, means for rotating said turntable, a rigid floating ring surrounding said turntable, and means for selectively positioning said ring to permit an annular flange to be received between said ring and said turntable and for urging said ring toward said rim progressively to compress said flange radially therebetween when said turntable is rotated, said means comprising a plurality of circumferentially spaced rollers and means for resiliently urging some of said rollers toward and from said rim, at least one of said rollers being positively movable toward said rim.

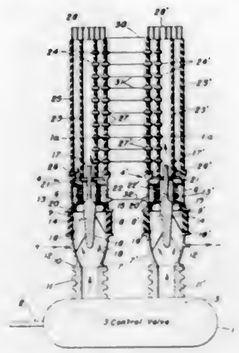
2,449,207
SOUND DEADENER DRAWER
Guyon L. C. Earle, Forest Hills, N. Y., assignor to Hugh S. Wertz, trustee for the beneficiaries of the Earle Patents Trust
Application May 7, 1945, Serial No. 592,395
5 Claims. (Cl. 34—90)



1. In a kitchen unit, a refrigerator containing an operating unit a portion of which emits heat and is located at a stationary position outside the refrigerator, a cabinet member enclosing said heat-emitting portion of the operating unit, said cabinet member having an opening in the front thereof and an air inlet adjacent the bottom thereof located to permit air to circulate over said heat-emitting portion of the operating unit, a slidable closure member for said opening comprising a vertical front member and a horizontal member connected to said front member and positioned to slide to a position over and closely

adjacent said heat-emitting portion of the operating unit to control said air circulation, and means for exhausting air from said cabinet.

2,449,208
CIRCUIT BREAKER
Ernst Eichenberger, Wettingen, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland, a joint-stock company
Application January 16, 1946, Serial No. 641,571
In Switzerland January 26, 1945
8 Claims. (Cl. 200—148)

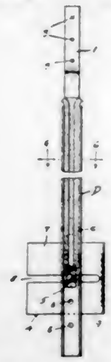


1. In a pressure gas circuit breaker for interrupting a direct current load, a pair of contact elements, one of said elements being hollow, means supporting said contact elements for movement of at least one contact relative to the other to open a circuit therebetween under the action of pressure gas, an inner tubular casing of insulating material constituting an arc blowing chamber, the bottom of said casing being open and disposed adjacent said hollow contact, an arc-receiving electrode connected to at least one of said contact elements, said electrode being extended into the lower portion of said casing, a plurality of conductive pins spaced one above the other and extending through the wall of said casing, an outer tubular casing of insulating material surrounding said inner casing and through which pressure gas flows, and at least one arc attracting electrode located in the space between said inner and outer casings and carrying the potential of the other of said contact elements.

2,449,209
METHOD FOR IMPROVING CHEMICAL REACTIVITY AND ADSORPTIVE CAPACITY OF LIGNIN FROM WOOD SACCHARIFICATION
Eduard Farber and Mathew Sciascia, Washington, D. C., assignors to Timber Engineering Company, Washington, D. C., a corporation of Delaware
No Drawing. Application June 12, 1947, Serial No. 754,274
3 Claims. (Cl. 260—124)

1. The method for improving the chemical reactivity and adsorptive capacity of lignin from wood saccharification comprising digesting such lignin with a solution of an alkali hydroxide having a concentration within the limits of from about 1% to about 12% alkali hydroxide at a temperature between 20° C. and 100° C., and thereafter separating the treated lignin from the alkali hydroxide.

2,449,210
AUTOMOBILE DOOR GLASS CHANNEL RETAINER
Charles C. Faust, Lake Charles, La.
Application July 10, 1947, Serial No. 759,945
1 Claim. (Cl. 296—44.5)



A device of the character specified, comprising a door glass channel retainer of U-shape form in cross section, said retainer formed at its upper end with a flat elongated integral arm or strip formed with a series of transverse apertures and in its lower end with a series of transverse longitudinally spaced openings, a glass channel mounted in the channel retainer, a right-angularly bent bracket and a transverse bolt for adjustably securing said bracket to the lower end of said channel retainer, said bracket formed in one arm with a central horizontal slot to receive the body portion of said transverse bolt and formed in its other arm with upper and lower aligned series of transverse apertures, and fastening screws for attaching said last mentioned arm of the bracket to the door.

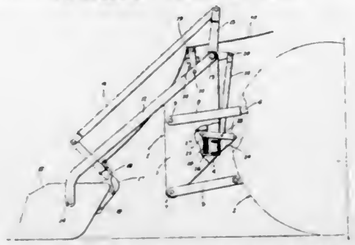
2,449,211
BOOKMARK
Joseph H. Forsyth, Santa Ynez, Calif.
Application March 5, 1947, Serial No. 732,512
1 Claim. (Cl. 116—119)



A book marker including a clamp, substantially U-shaped in cross section, formed from a flat piece of sheet material bent longitudinally upon itself to provide outer and inner clamp sections adapted to engage between them a book cover, the bend connecting said sections straddling the upper edge of the cover, a relatively elongated tubular shoulder, non-circular in cross section, on the clamp, an end edge of one of the clamp sections being rolled to provide said shoulder, said shoulder being disposed wholly beyond and adapted to fit against the side edge of the cover, whereby to constitute a guide means and stop for accurate positioning, in cooperation with the bend of the clamp, of the marker upon the cover, and a marker arm of spring wire having one end extended into the shoulder, said end being bent so as to be gripped within the shoulder

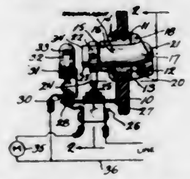
and held against movement therein, the arm including a long wholly straight medial portion extended from the shoulder at a right angle thereto and outside of and in parallel relation to the bend of the clamp, and said medial portion terminating in a free end inwardly extended to lie against leaves of the book and to move therebetween when said leaves are turned.

2,449,212
TRACTOR SCOOP
Frank M. Fraga, Fresno, Calif.
Application May 17, 1946, Serial No. 670,581
13 Claims. (Cl. 214—140)



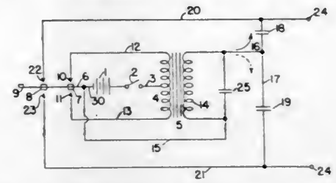
1. A scoop-type implement comprising an upstanding frame, a scoop disposed outwardly of the frame, a vertically swingable linkage assembly pivotally connected between the frame and the scoop, said linkage assembly supporting the scoop for movement between a lowered digging and loading position to an elevated dumping position, said scoop being pivoted to said linkage assembly for downward tilting to dump, a releasable latch normally preventing dumping of the scoop, and power mechanism between the frame and linkage assembly operative to swing the latter upwardly and to control lowering thereof; the scoop having a cutting edge, there being means including said linkage assembly in part operative, upon initial actuation of the power mechanism, to tilt the scoop in a direction to relatively elevate said cutting edge to a given extent and prior to elevation of the scoop by said mechanism from said digging position to dumping position.

2,449,213
TELLTALE CONTROL SWITCH
Raymond Richard Fredrick, Chicago, Ill., assignor to The Bastian-Blessing Company, Chicago, Ill., a corporation of Illinois
Application May 25, 1944, Serial No. 537,269
7 Claims. (Cl. 200—167)



1. In a telltale switch the combination of a transparent shaft, means for mounting the shaft upon a panel board, an apertured knob secured over the exposed end of the shaft, a collar received upon the other end of the shaft to hold the shaft against axial displacement, switch means controlled by rotation of the shaft, and a source of light disposed at the inner end of the shaft on the axis of rotation of said shaft said source of light being controlled by said switch.

2,449,214
VOLTAGE MULTIPLYING VIBRATOR APPARATUS
John R. Gelzer, Jackson, Mich., assignor to Eltron, Inc., Jackson, Mich., a corporation of Michigan
Application May 1, 1948, Serial No. 24,661
5 Claims. (Cl. 171—97)



3. Electrical vibrator apparatus comprising in combination a transformer, a battery, a vibrator reed connected for actuation by said battery, the latter being in turn connected to the transformer primary winding and the said vibrator reed carrying electrical contacts, fixed contacts corresponding to said vibrator contacts and including contacts connected to the transformer primary, and other contacts connected to the output terminals, and a pair of storage condensers series connected between said output terminals, the transformer secondary being in turn connected to an intermediate point between said condensers and being also connected to the vibrator reed, whereby the output voltage taken from the condensers in series due to the alternate contact making positions of said vibrator reed is a multiple of the voltage value across each condenser.

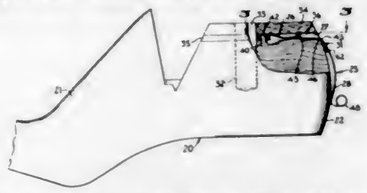
2,449,215
METHOD OF PRODUCING COTTON CORDAGE
Charles F. Goldthwait and Herbert O. Smith, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application July 10, 1945, Serial No. 604,288
3 Claims. (Cl. 57—164)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A method of producing cotton reinforcing cord for pneumatic tires, power belts, and so forth, comprising forming ordinary cotton into a yarn of minimum practical spinning twist, treating the yarn with an alkali hydroxide in a concentration of about 20 percent to 25 percent by weight while allowing the yarn thus treated to shrink about 15 percent of its original length to allow maximum swelling of the cotton, washing out residual alkali with a non-acid aqueous medium, drying the yarn, and twisting the dried yarn into cord, thus regaining most of the original length by tension applied during the twisting.

2,449,216
SHOE ASSEMBLING AND LOCATING ATTACHMENT
Hiram Gordon and Charles H. Free, Pasadena, Calif., assignors to Joyce, Inc., Pasadena, Calif., a corporation
Application July 2, 1946, Serial No. 681,048
13 Claims. (Cl. 12—141)

1. A last for shoe construction, spring-urged means on the back of the last for releasably engaging and holding the back of a shoe upon said last, stop means associated with the spring-

urged means limiting the extent to which the back of the shoe may be inserted under said spring-urged means, and a finger piece upon said



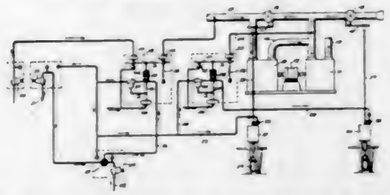
spring-urged means by which said last named means may be raised to slip the back of the shoe thereunder.

2,449,217

REGULATING APPARATUS

Erwin W. Graham, Lakewood, Ohio, assignor to Republic Flow Meters Company, Chicago, Ill., a corporation of Illinois

Application June 14, 1944, Serial No. 540,273
8 Claims. (Cl. 230—2)



1. Regulating apparatus comprising a regulator adapted to operate control means to vary a condition to be controlled in response to a loading pressure, a conduit to conduct loading pressure to the regulator, a manually adjustable controller in the conduit adjustable to limit the maximum value of the loading pressure, and an automatic controller in the conduit in series with the manual controller to vary the loading pressure automatically in response to variations in the condition whereby the automatic and manual controllers serve as limiting devices for each other.

2,449,218

BALL POINT PEN

Francis E. Gruber, St. Paul, Minn., assignor to Brown & Bigelow, St. Paul, Minn.

Application December 27, 1945, Serial No. 637,327
5 Claims. (Cl. 120—42.03)



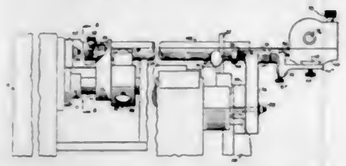
1. A capless fountain pen having a tubular casing, a slidable ink reservoir unit positioned within the casing, spring means for moving said reservoir in a backward direction to conceal the writing point within the casing, a shoulder for controlling the backward movement of the ink unit, a pocket clip attached to said casing, a spring tail end formed on said pocket clip, and a spring catch carried by said ink unit which is adapted to be released by said spring tail of said pocket clip when the same is depressed, whereupon said spring means automatically moves said ink unit and writing tip longitudinally in said casing to conceal the writing tip when the same is not desired for use.

2,449,219

LEVELING AND ALIGNING MEANS

Albert M. Guillet, Charlotte, N. C.

Application February 25, 1946, Serial No. 649,991
4 Claims. (Cl. 33—84)



3. Apparatus for alining and leveling winding frames comprising a bracket having means for attaching it to one end of the frame and having means on its upper end for supporting a reel housing from which a line is adapted to extend, a second bracket attachable to the other end of the frame, said frame having a pair of spaced parallel revolving shafts thereon having spaced rollers thereon for contacting cheeses or imparting rotation thereto during a winding operation, said second bracket having a downwardly projecting portion and a clamping member associated therewith whereby the second bracket can be clamped around one of said shafts, said second bracket having a notch cut in its upper end and extending downwardly thereinto, said second bracket having parallel spaced grooves in its outer edge, a fitting adapted to fit into said notch and having transversely extending portions adapted to fit into said grooves, said fitting having a turnable vertically disposed threaded screw therein, an anchor member threadably mounted on said screw whereby by rotating said screw the anchor member will be adjusted vertically of the notch in which it is disposed, said anchor member having means for securing the other end of said line extending from the reel housing thereto, each of said shafts having fixed thereon a collar, each collar being of the same dimensions as rollers on which cheeses are adapted to rest, a transverse member adapted to rest on said collars, or said rollers as desired, said transverse member having a downwardly projecting portion adapted to fit against one side of one of the collars or the rollers to position the transverse member relative to the two shafts, said transverse member having a transverse notch therein adapted to become alined with the line extending from the anchor member to the reel housing when the shafts, collars and rollers are in perfectly alined position.

2,449,220

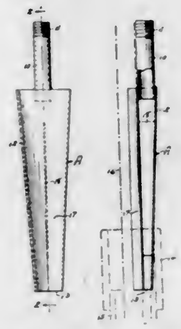
COOLING NOZZLE FOR USE IN WELDING

Ronda C. Gupton, Newport News, Va.

Application August 30, 1944, Serial No. 551,955
1 Claim. (Cl. 113—98)

As an article of manufacture, a cooling fluid injector nozzle comprising an elongated casing open at the ends providing a nozzle head crescent shape in cross section having arcuate inner and outer walls connected at the edges and having a centrally disposed longitudinally positioned partition connecting the inner and outer walls midway between the edges thereof, the ends of the partition being spaced from the ends of the casing providing a mixing chamber at the inlet end and a diffusing chamber at the outlet end, the cross sectional area of said casing being gradually reduced toward the discharge end increasing the velocity of fluid passing therethrough, and a centrally disposed nipple providing a connector for

fluid supplying means extending from the inlet end of the casing with open areas in the inlet end



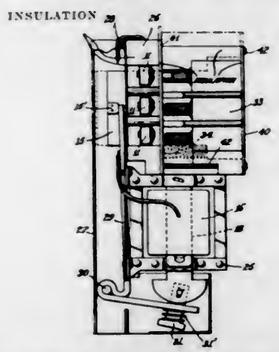
on each side of the nipple through which air is drawn into the casing by fluid from the nipple passing therethrough.

2,449,221

ELECTROMAGNETICALLY CONTROLLED SWITCH

Herman J. Hammerly, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut

Application October 24, 1942, Serial No. 463,215
14 Claims. (Cl. 200—104)



2. An electromagnetic controller comprising a base, an electromagnetic actuator carried by the base including a coil, a main switch, a body carrying said main switch detachably carried by the base, a holding-in switch device in circuit with the coil of the magnetic actuator partly carried by the base and partly by the detachable body, said body being slidable on the base from a position in which the main switch circuit is closed and to another position in which the main switch is open.

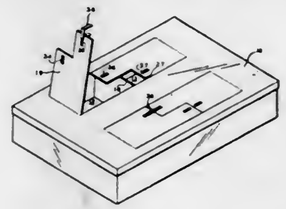
2,449,222

BABY CHICK SHIPPING BOX

Russell R. Harness, Elwood, Ind.

Application March 22, 1946, Serial No. 656,378
3 Claims. (Cl. 229—15)

1. In a box like container having a plurality of compartments formed by partition walls and collectively accessible by the removal of a cover for said box, means providing for the individual accessibility of each of said compartments comprising a plurality of flaps cut in the cover of said box and hinged for opposed movement in pairs to close openings therein communicating



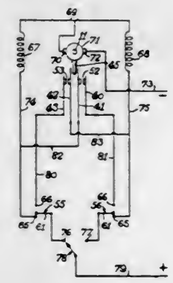
with said compartments, each of said flaps having an extension thereon supported by one of the partition walls of said box, and clamping means insertable in said flaps to secure them in their closed positions.

2,449,223

BRAKING DEVICE FOR ELECTRIC MOTORS

Bernard Max Hayman, Leamington Spa, England, assignor to Automotive Products Company Limited, Leamington Spa, England

Application November 27, 1945, Serial No. 631,157
In Great Britain November 27, 1944
6 Claims. (Cl. 318—275)



1. An electric motor system arranged to drive an actuated member translationally along a path to one end position or the other, according to the position in which a selector switch is set, said system comprising a reversible electric motor having dual windings, one for each direction of rotation, a screw-and-nut drive connecting the motor shaft with the actuated member to produce translational movement, a motion-responsive switch device comprising an arm, a frictional slipping drive from the motor to the arm and a pair of motion-responsive switches which are normally open, one or other of the motion-responsive switches being closed when the motor is rotating, depending upon the direction, a pair of limit switches of the change-over type either one of which is operated mechanically by the actuated member as said actuated member reaches the corresponding end position, each limit switch normally connecting the current supply from the selector switch directly with that motor winding which moves the actuated member towards said limit switch, but when the end position is reached, connecting the supply from the selector switch with the other motor winding by way of one of the motion-responsive switches, so that the motor is brought

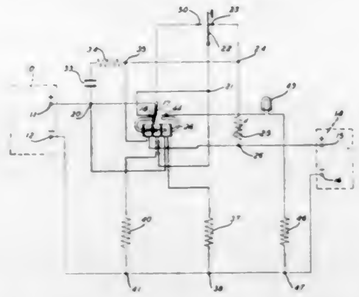
rapidly to a standstill by reverse torque and the initial reverse rotation cuts off the motor from the supply.

2,449,224

ELECTRICAL CIRCUIT CONTROL

Andrew S. Hegeman, Jr., Glen Ridge, and Harry N. Snook, Maywood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application July 15, 1944, Serial No. 545,156
1 Claim. (Cl. 175—294)



An electrical circuit control, interposed between an electrical current supply and an electrically energizable unit comprising a polarized relay having a primary winding, a tertiary winding and an opposing secondary winding, the latter normally creating a magnetic force exceeding the combined normal magnetic force of the primary and tertiary windings, an armature for the relay actuable into open and closed positions to open and to close circuits from the supply and extending respectively through the unit, the primary winding and the secondary winding, the tertiary winding being included in a circuit extending directly from the supply, and a switch to initially complete a circuit from the supply through the secondary winding to cause movement of the armature into its closed position, the primary winding being affected by an overload current to the unit to neutralize the magnetic effect of secondary winding and with the magnetic force of the tertiary windings to cause movement of the armature into its open position and cause deenergization of the primary and secondary windings and the unit, the magnetic force of the tertiary winding holding the armature in its open position.

2,449,225

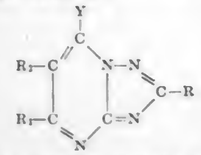
7-AMINO AND 7-HYDROXY-1,3,4-TRIAZAINDOLIZINES AS STABILIZERS FOR PHOTOGRAPHIC SILVER-HALIDE EMULSIONS

Newton Heimbach and Walter Kelly, Jr., Binghamton, N. Y., assignors to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

Application October 22, 1946, Serial No. 704,933
12 Claims. (Cl. 95—7)



1. A photographic material comprising a base and a light-sensitive silver-halide emulsion carried thereby, said photographic material containing, in fog inhibiting amount, a compound of the general formula:



wherein R is a member selected from the class consisting of carboxy and carbalkoxy groups, R_1 is a member selected from the class consisting of an alkyl, aryl, and heterocyclic groups, R_2 is a member selected from the class consisting of hydrogen, alkyl, and aryl groups, and Y represents the member selected from the class consisting of amino and hydroxy groups.

2,449,226

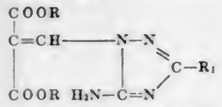
2-[VINYL-DICARBOXYLIC ACID ESTER]-3-AMINO-1,2,4-TRIAZOLES AS STABILIZERS FOR PHOTOGRAPHIC SILVER-HALIDE EMULSIONS

Newton Heimbach and Walter Kelly, Jr., Binghamton, N. Y., assignors to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

Application October 22, 1946, Serial No. 704,934
11 Claims. (Cl. 95—7)



1. A photographic material comprising a base and a light sensitive silver-halide emulsion carried thereby, said photographic material containing, in fog inhibiting amount, a compound of the general formula:



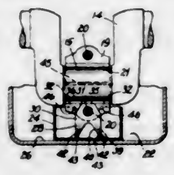
wherein R is an alkyl group and R_1 is a member selected from the class consisting of hydrogen and alkyl groups.

2,449,227

CRANKCASE OIL THROWER AND CRANK-PIN LUBRICATING DEVICE

Franklin G. Hobart, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois

Application January 25, 1945, Serial No. 574,504
10 Claims. (Cl. 184—13)



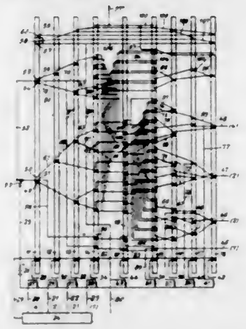
1. In an engine providing a crankcase having a body of lubricant therein, a crankshaft having a crank pin, and a piston connecting rod having a journal connection with the crank pin, provided by a bearing-half at the crank end of the rod, and a bearing cap secured to the rod bearing-half, the combination with said crank pin connection, of means for effecting lubrication thereof from the crankcase body of lubricant, comprising a member providing a body portion located between the rod bearing-half and cap, means carried by said body portion and including relatively spaced plate-like elements, defining with said body portion a channel extending to the surface of the crank pin, and a dipper portion projecting from said body portion in a position to dip into said crankcase body of lubricant upon crankshaft rotation, said dipper portion being adapted to direct and guide lubricant from said lubricant body, into and through said channel to the crank pin surface.

2,449,228

COUPLING MEANS FOR USE WITH CALCULATING, BOOKKEEPING, OR LIKE MACHINES

Rolf Hofgaard, Nordstrandshogda, near Oslo, Norway

Application December 5, 1946, Serial No. 714,295
In Norway May 1, 1946
3 Claims. (Cl. 235—61)



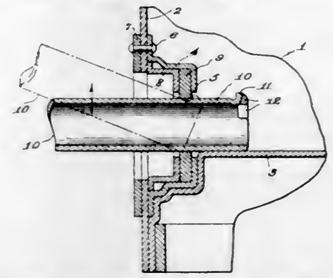
1. A coupling arrangement for electrical computing apparatus comprising a set of electromagnetically controlled input relays, the number of input relays being equal to the number of units in a code system, means for selectively energizing said relays in accordance with numeral values to be entered in the apparatus, sets of contacts controlled by the respective input relays, the sets of contacts of the last input relay including contacts significant respectively of each code value, a source of current, connections between said sets of contacts to connect said current source to those contacts of the last relay corresponding to code values of the energized input relays, a plurality of output electrical circuits, a set of electromagnetically controlled storing relays equal in number to the plurality of electrical output circuits, sets of contacts controlled by the respective storing relays, the first storing relay having contacts corresponding to and connected respectively to the contacts of the last input relay, and connections between the sets of contacts of the storing relays and to said output circuits to complete circuits from said current source to those output circuits corresponding to the numerical value represented by the selectively energized input relays, said last mentioned circuit connections also completing circuits to energize those of the storing relays corresponding to the accumulated numerical value entered at said input relays.

2,449,229

MILK DELIVERY TUBE

John A. Hopwood, Westfield, N. J., assignor to Monitor Process Corporation, Jersey City, N. J., a corporation of New Jersey

Application July 7, 1945, Serial No. 603,677
2 Claims. (Cl. 138—47)



1. A milk delivery tube the inner end of which is flared to provide a radially projecting arcuate flange extending about substantially ¼ to ⅓ the circumference of the tube.

2,449,230

LIQUID PRINTING INK CONTAINING A LIGNIN COMPOUND

Clarence E. Irion, Essex Fells, N. J., assignor, by mesne assignments, to Margot Corporation, New York, N. Y., a corporation of New York

No Drawing. Application July 25, 1945, Serial No. 607,081
18 Claims. (Cl. 106—30)

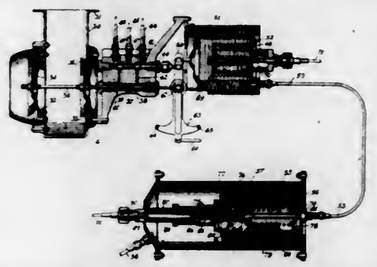
1. A liquid printing ink consisting essentially of coloring matter and a binder dispersed in a hydrophilic liquid carrier containing water, the predominant constituent of said binder being a lignin from fiber liberation.

2,449,231

AIRCRAFT CABIN PRESSURE CONTROL

Joseph Jerger, Ferguson, Mo., assignor to Curtiss-Wright Corporation, a corporation of Delaware

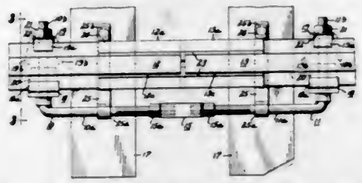
Application September 2, 1939, Serial No. 293,223
17 Claims. (Cl. 98—1.5)



1. In aircraft comprising a pressure cabin and a means delivering air thereto at greater than atmospheric pressure, a cabin pressure control system comprising a valve in the cabin wall for bleeding air therefrom, means for operating said air valve including a piston-cylinder unit, means to feed pressure fluid thereto, a fluid valve for controlling fluid admission and egress to and from the unit, and a control for the fluid valve including a pair of pneumatic bellows each fixed at one end and connected to one-another to jointly contain a fixed weight of elastic fluid, one

said bellows being subject externally to cabin pressure and the other to ambient air pressure, said fluid valve being connected to the non-fixed end of the first bellows.

2,449,232
RAIL TOOL
E. D. Jones, Grand Junction, Tenn.
Application July 15, 1946, Serial No. 683,631
4 Claims. (Cl. 254—43)



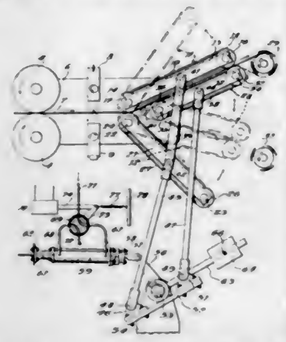
1. In a tool of the class described for use on abutting rail ends, a pair of rods adapted to be placed in end-to-end relation alongside the rail ends, means clamping the remote ends of said rods to the flange portions of their associated rail ends, a turnbuckle connecting adjacent ends of said rods to thereby exert a pushing or pulling force on said rail ends dependent upon the direction of rotation of said turnbuckle, and a transverse bar connected to a medial position on each of said rods, said bars being adapted to be spiked to cross-ties.

2,449,233
PROCESSES FOR THE PREPARATION OF FLUORINE-CONTAINING CYCLIC HYDROCARBONS
Alexander D. Kischitz, Carl I. Gochenour, and Robert E. Brailsford, Niagara Falls, N. Y., assignors to Hooker Electrochemical Company, Niagara Falls, N. Y., a corporation of New York
No Drawing. Application January 8, 1946, Serial No. 639,914
8 Claims. (Cl. 260—648)

1. The process for production of fluorochlorocyclopentenes having eight halogen atoms, including a chlorine atom attached to each olefinic carbon, which comprises agitating hexachlorocyclopentadiene with a fluorinating agent of the group consisting of antimony pentafluoride and antimony pentafluorochloride, having available fluorine, in proportions providing at least substantially six atoms of available fluorine per molecule of diolefin, at not less than 40° C., with refluxing, until the reaction has gone as far as practicable with respect to the reagents present, under the stated conditions, and recovering the product from the reaction mixture.

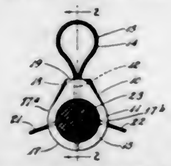
2,449,234
WINDER APPARATUS
Jack R. Knoble, Chicago, Ill., assignor to Roofing Machinery Mfg. Company, Chicago, Ill., a corporation of Illinois
Application May 20, 1947, Serial No. 749,284
12 Claims. (Cl. 242—56)

1. In an apparatus embodying a pair of power driven mandrels disposed to wind sheet material into rolls, a frame, upper, lower and intermediate endless belt conveyors having their forward sheet receiving ends pivotally mounted on said frame, means to raise and lower the free ends of said upper and lower conveyors, means to raise and lower the free end of said intermediate conveyor to cause the latter to alternately coact with said upper and lower conveyors to direct sheet mate-



rial toward one and then the other of said mandrels, and means to drive said conveyors.

2,449,235
CORD HOLDER
Carroll P. Krupp, Barberton, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application March 1, 1945, Serial No. 580,380
3 Claims. (24—130)

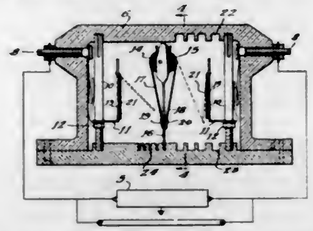


1. A cord clasp comprising a disk-like body having generally flat front and rear faces and rounded sides and a wedge slot having front and rear walls between said faces extending substantially across the width of said body between the sides thereof, said body having a uniform bore therethrough in communication with the bottom of said slot at a central position in said body, said bore being dimensioned for receiving a bight of the cord with cord reaches thereof disposed through said bore in side-by-side close relation therein and into said slot, the bottom of said slot diverging from said bore to said sides of the body and the front and rear walls of said slot diverging from said bottom to the outer surface of said body, said slot being dimensioned for receiving said cord continuously from said bore into said slot and for detachably holding portions of the cord by wedging action in said slot against said front and rear walls and substantially continuously along the bottom thereof, the walls of said slot having spaced-apart ridges transversely of said slot for engaging the material of said cord.

2,449,236
CIRCUIT PROTECTOR
Lewis H. Lamont, Chicago, Ill.
Application July 17, 1946, Serial No. 684,210
6 Claims. (Cl. 200—88)

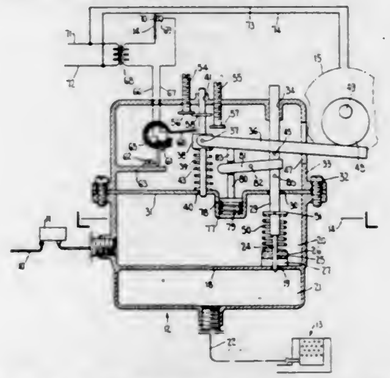
1. A safety device for protecting a current source against open circuit ground or overload, said device comprising, in combination, spaced conducting members adapted to be connected to the opposite terminals of the current source, a grounded conducting member between the first

named members, an electrostatic charge responsive leaf connected with at least one member and being free to move in response to the attraction of opposite electrostatic charges on said members and shorten the gap between them to the point where spark discharge occurs across the gap be-



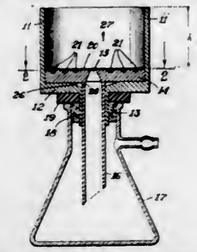
tween a pair of said members, a retractile gap bridging element connected to at least one of said members and operable in response to the resulting current flow from the discharge between the members to establish and maintain a low resistance path between said members so long as the current flow continues.

2,449,237
FUEL FEEDING APPARATUS
Walter S. Landon, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application March 23, 1944, Serial No. 527,682
11 Claims. (Cl. 158—36)



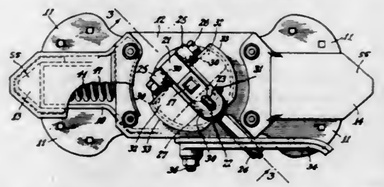
2. Fuel feeding means for a liquid fuel burner, comprising a casing having a constant level chamber with an outlet below the liquid level, a valve member constructed to fit said outlet and reciprocal into and from said outlet to clean the same and regulate flow therethrough, means to reciprocate said valve member at a rate to supply fuel for a constant burner flame and including a lever and a continuously rotating eccentric engaging said lever, said valve member having an abutment engageable with said lever, a spring urging said valve member from said outlet and urging said abutment against said lever and said lever against said eccentric, a safety spring operable to overcome said first-named spring and to move said valve member into said outlet, a dashpot effective for the interval during valve member releasing movement of said lever to hold said safety spring against operation, and means operable by said lever to render said dashpot effective.

2,449,238
FILTRATION APPARATUS
Charles Leandro Lightfoot, Jr., Summit, N. J.
Application November 21, 1947, Serial No. 787,371
6 Claims. (Cl. 210—155)



5. In a filtering device, the improvement comprising in combination an open-top receptacle having an opening in its bottom and a closely fitting permeable piston member slidably mounted therein, said piston member having a tubular stem depending therefrom which stem passing tightly through the receptacle bottom opening, between the receptacle bottom and the piston member an intermediate space surrounding the base of said tubular stem and in this tubular stem at least one perforation connecting said intermediate space with the tubular conduit in said stem which stem has a length at least sufficient to move the piston into flush position with the free edge of the receptacle.

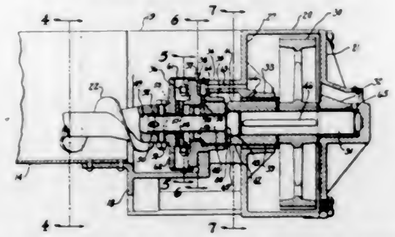
2,449,239
SNUBBED TRAILING SETTING SWITCH STAND
Oscar F. Magnus, Chicago, Ill., assignor to American Brake Shoe Company, New York, N. Y., a corporation of Delaware
Application November 25, 1944, Serial No. 565,072
5 Claims. (Cl. 246—284)



1. In an automatic switchstand of the setover type, a switchstand casing, a spindle journaled in said casing having set positions corresponding to the opposite set positions of a switch, a movable holding member in said casing having set positions corresponding to the opposite set positions of a switch, over-centering mechanism yieldably retaining said holding member in its set positions to permit a train to set over the switchstand from one to its other set position, said over-centering mechanism comprising a movable cylinder member having operative connection with said holding member, said cylinder member having an abutment, a helical spring surrounding said cylinder member and exerting thrust between said abutment and said casing, a piston member within said cylinder member and connected to said casing, said cylinder member and piston member constituting a dashpot, said dashpot comprising means exerting comparatively little resistance to compression of said helical spring while exerting comparatively great resistance to expansion of said spring, means for manually

moving said spindle between said set positions substantially independently of the action of said over-centering mechanism and of said dashpot, and for normally holding said spindle in fixed relation to said holding member.

2,449,240
CONVEYING MECHANISM
Eugene Martin, Wesleyville, Pa., assignor to The Standard Stoker Company, Incorporated, a corporation of Delaware
Application July 19, 1946, Serial No. 684,862
12 Claims. (Cl. 198—213)

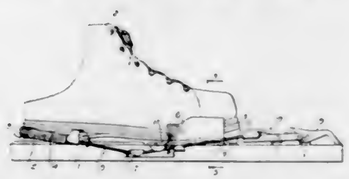


1. In a conveying system, a conveyor screw, a driving shaft and an intermediate shaft between and normally in axial alinement with said conveyor screw and driving shaft, a loose driving connection between the adjacent ends of said conveyor screw and intermediate shaft providing for limited axial misalinement therebetween and limited angular movement of said conveyor screw about its driven end, a bearing, a sleeve rotatably mounted in said bearing, said sleeve receiving the other end of said intermediate shaft, said sleeve and intermediate shaft being arranged for rotation one with the other, and a drive connection between said sleeve and said driving shaft providing for limited axial misalinement between said intermediate and driving shafts.

2,449,241
IMIDAZOLINES
Karl Miescher and Willi Klarer, Riehen, Switzerland, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J.
No Drawing. Application March 10, 1945, Serial No. 582,189. In Switzerland March 23, 1944
4 Claims. (Cl. 260—309.6)

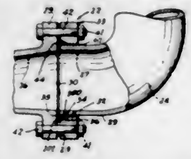
1. The 2-(N-aryl-N-aralkyl-aminoalkyl)-imidazolines, the aminoalkyl group being a lower aminoalkyl group.

2,449,242
SKI BINDING
Everett L. Millard, Highland Park, Ill.
Application January 12, 1945, Serial No. 572,474
2 Claims. (Cl. 280—11.35)



1. A ski binding to hold a shoe to a ski having toe plates to engage the opposite sides of the forward portion of the shoe and a device to hold the heel of the shoe toward the ski and the forward end of the shoe toward the toe plates, characterized by the fact that the binding is open above, the toe plates at their sides have inner surfaces inclined inwardly and upwardly over parts of the forward portion of the shoe to retain the forward portion of the shoe to the ski, and the toe plates are yieldable about axes substantially parallel to the length of the ski to permit the upward escape of the shoe from the toe plates on the exertion of abnormal stresses on said inclined surfaces.

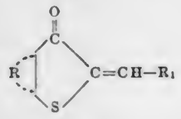
2,449,243
SELF-ALIGNING PUMP FLANGE
Paul Burt Miller, Los Angeles, Calif., assignor to Pacific Pumps, Inc., Huntington Park, Calif., a corporation of California
Application October 10, 1944, Serial No. 557,952
9 Claims. (Cl. 285—135)



1. In a device for flexibly connecting a pipe to a pump flange to prevent disalignment due to forces transmitted to the pump from the pipe and to permit attachment of a pipe turning sharply close to the flange, said pipe providing an end adjacent a flat attachment surface of said pump flange, said device including in combination: a sealing ring formed of deformable material surrounding said pipe at said end and providing an inner cylindrical surface adapted to surround and engage the periphery of said pipe immediately adjacent said end and providing an outwardly-extending surface adapted to engage said attachment surface of said pump flange; and clamp means movable with respect to said pipe and said pump flange for simultaneously compressing said sealing ring in sealing engagement with said periphery of said pipe and said attachment surface of said pump flange.

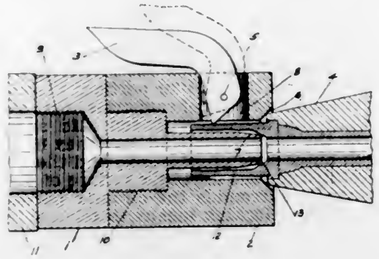
2,449,244
THIOINDOXYL COUPLERS FOR COLOR PHOTOGRAPHY
Fritz W. H. Mueller and Abraham Bavley, Binghamton, N. Y., assignors to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application January 25, 1945, Serial No. 574,619
6 Claims. (Cl. 95—6)

1. A color-forming photographic developer comprising an aromatic primary amino developing agent and a coupler compound of the formula:



wherein R represents the atoms necessary to complete a six-membered isocyclic ring, and R_1 represents an aromatic radical.

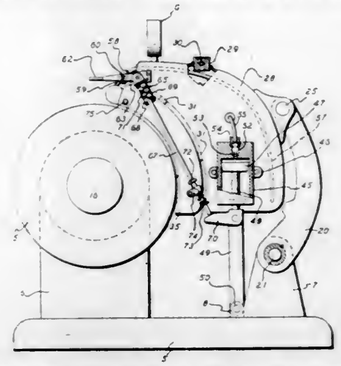
2,449,245
AIR HOSE CONNECTION
John J. Nelson, Birmingham, Ala., assignor of one-half to T. J. Rozar, Birmingham, Ala.
Application April 15, 1946, Serial No. 662,356
2 Claims. (Cl. 285—170)



1. An air hose connection of the class described comprising; two round metal members, one member having a comparatively large hole in one end and threads in the interior wall thereof, the threaded wall of the hole adapted to screw onto a threaded hose connector of corresponding size, the middle portion of the member being approximately half the diameter of the hole end portion, screw threads in the outer face of the middle portion, the other end portion being approximately one third the diameter of the middle portion and terminating in a beveled end, the beveled end being a size to fit into the beveled wall seat in a standard pneumatic tire tube valve stem with valve core removed, a hole of smaller diameter than the larger hole diameter and leading through the center of the middle and smaller end portions; the second metal member being round and having a comparatively large hole in the face of one end and screw threads in the interior wall thereof of a size to screw onto the middle threaded portion of the other metal member, a hole through the other portion of the second member, a slot in this hole leading through the second member, a curved lever mounted on a shaft attached within the slot, the lever having an integral V-shaped sharp end, the lever made of steel, the V point end of the lever adapted to fit between two threads on the outside of the end of a standard pneumatic tire tube stem when the stem is inserted in the hole in the member having the lever in the slot of the wall of the hole.

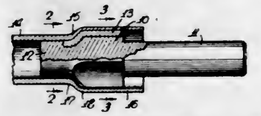
2,449,246
IRONING MACHINE
Herbert E. Page, Alhambra, Calif.
Application March 19, 1945, Serial No. 583,542
3 Claims. (Cl. 38—14)

1. In an ironing machine, a base, an ironing roll rotatably mounted on the base, means for rotating the roll, a pressing head mounted for to and fro motion relative to the roll, said head having a fluid chamber and ports communicating with the chamber and disposed towards the roll, heating means in the head disposed to heat fluid in said chamber, a liquid tank carried by the head, a conduit providing communication from the tank to the chamber, a valve controlling said conduit, pump means associated with the tank and operable by virtue of each to and fro movement of the head to create pressure on liquid in the tank, and valve-actuating means operable by virtue of



movement of the head toward the roll to open said valve.

2,449,247
METHOD FOR FORMING TUBULAR STRUCTURES
Andrew Joseph Paucek, Flushing, N. Y., assignor to Burndy Engineering Company, Inc., a corporation of New York
Application March 25, 1944, Serial No. 528,137
1 Claim. (Cl. 153—81)

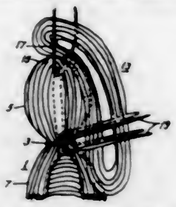


The method of shaping metallic tubular stock with a tool which consists in applying the tool to the stock at room temperature at a plurality of points around the end circumference of the stock with a plurality of free areas in between, the points of contact having a total circumferential length less than the total circumferential length of the free areas and simultaneously applying pressure and rotating the tool and stock relatively to each other sufficiently to deform the stock to the initial shape of the tool and to work harden the deformed metal of the stock sufficiently to prevent further deformation of the metal, thereafter applying additional pressure to create sufficient friction to cause the temperature of the work hardened metal to rise to the annealing point and make the work plastic to enable the tool to further deform the annealed work-hardened section to permit the tool to advance and work harden the metal of the stock in advance of the annealed work hardened section, and continuing the process until the desired longitudinal deformation has been obtained.

2,449,248
COIFFURE FOR DOLLS
Beryl B. Petschauer, Oakland, Calif.
Application October 22, 1945, Serial No. 623,682
6 Claims. (Cl. 46—172)

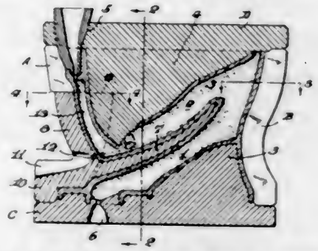
1. The method of preparing a coiffure for a doll or the like comprising applying a roll of yarn or the like to the head of such doll and of a length extending from the forehead to below the neckline thereof, anchoring said roll to said head at the crown in spaced relationship to the upper end of said roll, and anchoring said roll at approximately the neckline of such doll in spaced

relationship to the lower end of said roll, the intermediate portion of said roll conforming to the



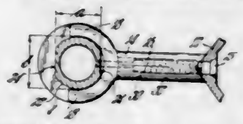
head, leaving the end portions free for artistic arrangements.

2,449,249
METHOD OF AND MOLD FOR CASTING VITREOUS WATER CLOSET BOWLS
Joseph W. Pieslak and Raymond E. Crane, Kittanning, Pa.
Application November 15, 1944, Serial No. 563,532
9 Claims. (Cl. 25—129)



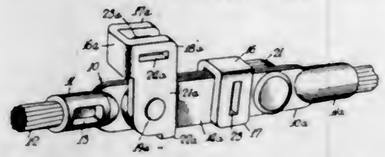
1. In a mold for casting water closet bowls having a trapway including an upleg and a downleg, the combination of a base mold wall having its top configured to form the base of a bowl structure, upright side wall members supported on the base wall and configured to define sides of the bowl, a top mold wall member supported upon the top edges of the side mold wall members and having a depending core portion spaced from the upright side mold wall members to define the inner face of the bowl, and a plug member insertable and removable through a wall of the mold and having a portion disposed between the core and the base wall member said plug being spaced from the core to define an upleg between the core and the plug, and also spaced from the front and bottom walls of the mold to define a downleg between said parts, the bottom of the core, the front wall of the mold and the inner end portion of the plug being spaced to define an elbow passage between said parts and connecting the inner ends of the upleg and the downleg.

2,449,250
LAMP AND A SUPPORT THEREFOR
Karl C. Richter, West Springfield, Mass.
Application May 3, 1947, Serial No. 745,838
2 Claims. (Cl. 240—52)



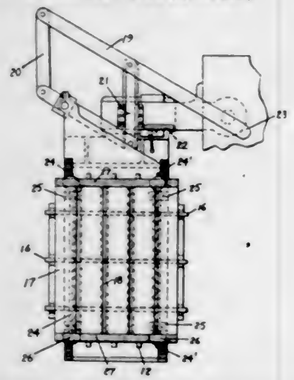
1. The combination of a lamp and support therefor comprising, a lamp having a vertical upright of a certain diameter provided intermediate its upper and lower ends with an annular groove therearound forming a reduced neck and upper and lower shoulders at opposite ends thereof, said neck having opposite flat parallel sides and circular portions therebetween having a certain radius, a support having a vertical plate and a stem extending horizontally forwardly therefrom provided with spaced arms forming a fork having a circular inner surface with a radius slightly greater than that of said neck, the distance between outer, inner and adjacent ends of said arms being slightly greater than the dimension across the flat sides of said neck but less than the dimensions across the circular portions thereof and the vertical dimensions of said arms being slightly less than the distance between said shoulders whereby the flat sides of said neck may be passed through outer ends of said arms and the upright then rotated so that the inner surface of the fork substantially surrounds the circular portions of said neck, and locking means to releasably lock said upright against rotation in said fork.

2,449,251
SEPARABLE CONNECTOR
Julian Rogoff, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc., a corporation of New York
Application July 21, 1945, Serial No. 606,324
8 Claims. (Cl. 287—76)



1. A connector comprising two portions, each of said portions having a face section for positioning one against the other, interlocking means to prevent movement of the sections in the plane of the respective faces, gripping means for preventing separation of the two portions in a direction normal to the plane of their faces, said gripping means being pivotally mounted on one of said portions and movable in the plane of the faces.

2,449,252
PROFILING DEVICE
Charles O. Rothweiler, Milwaukee, Wis.
Application May 8, 1945, Serial No. 592,661
3 Claims. (Cl. 90—13.1)

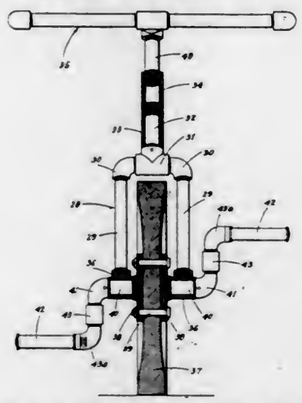


3. A device of the character described comprising in combination with a pantograph, a base, an auxiliary carriage, a table top, means for guiding said carriage on said base in one direction and guiding said tabletop on said auxiliary carriage in a transverse direction, shafts mounted in bearings supported by the upper face of said carriage, shafts mounted in bearings supported by the upper face of said base, all of said shafts provided with gears, gear racks disposed on the bottom of said table and bottom of said auxiliary carriage, said gear racks arranged for contact with and in direct alignment with said gears, for controlling and equalizing the movement of said table top on said auxiliary carriage by means of said pantograph and the movement of said auxiliary carriage on said base.

2,449,253
PREPARATION OF HOLLOW GEL SPHEROIDS
Edmund L. Sargent, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application June 23, 1945, Serial No. 601,312
9 Claims. (Cl. 252—317)

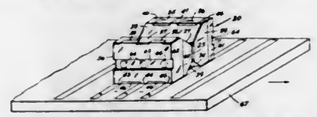
1. A process for the manufacture of hollow inorganic oxide gel spheroids which comprises forming a hydrosol of inorganic oxide having the inherent properties of setting to a hydrogel without change in chemical composition after the lapse of a period of time and of passing through a viscous state just prior to gelation, injecting said viscous sol at a temperature in excess of its boiling point at the pressure existing in the medium hereinafter defined and during the said viscous state as a plurality of drops into a fluid medium maintained at a temperature in excess of said boiling point and at a pressure below the vapor pressure of said sol at the time of injection as aforesaid; whereby the water content of said hydrosol is vaporized, expanding the drops to hollow spheroids and gelled in that form.

2,449,254
TRICYCLE
Le Roy W. Sly, Kyburz, Calif.
Application February 3, 1945, Serial No. 575,973
1 Claim. (Cl. 301—2.5)



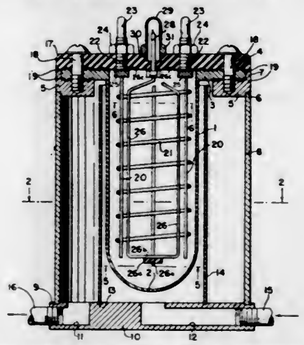
A wheel and crank axle mounting for a cycle comprising a supporting fork having threaded terminals, a T threaded on each threaded end of the fork, such T's being axially alined and smooth bored from end to end, a wheel having a hub provided with central alined threaded orifices, stub shafts mounted in the bores of the T's, such stub shafts comprising end threaded pipe nipples, each nipple being threaded into one of the hub orifices, and a foot crank threaded onto the outer end of each nipple.

2,449,255
WORK-HOLDING DEVICE
Harold A. Sneckner, Richmond Heights, Mo., assignor to Clark F. Ross, Richmond Heights, Mo.
Application December 11, 1944, Serial No. 567,715
4 Claims. (Cl. 175—367)



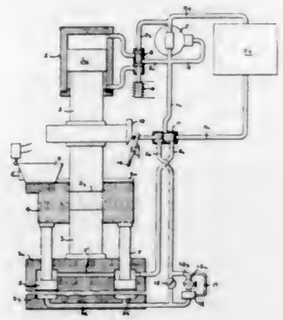
1. A magnetic work-holding device for use with a magnetic chuck comprising in assembly a plurality of metallic bars exhibiting magnetic properties and having a plurality of angular surfaces, means for holding said bars in opposed parallel relationship with each other, a non-magnetic separator disposed between said bars, said angular surfaces of the latter forming a plurality of work-holding channels extending longitudinally of said assembly, a plurality of non-magnetic inlays inserted in the faces of said bars whereby a plurality of magnetic pole contact points are formed, said contact points lying in two pairs of parallel planes which are at right angles with each other.

2,449,256
EXTERNAL ANODE POWER AMPLIFIER AND OSCILLATOR TUBE
Charles R. Stevens, Toledo, Ohio, assignor, by mesne assignments, to Glass Fibers, Inc., Waterville, Ohio
Application November 4, 1946, Serial No. 707,701
10 Claims. (Cl. 250—27.5)



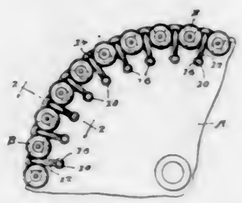
1. A relatively low voltage, low vacuum thermionic device comprising a hollow anode closed at one end and having an outwardly extending metal flange of substantial thickness at the other end, said flange having corrugations on one side, a cover resting on said corrugations closing the open end of the anode, said cover having recesses receiving the corrugations of the flange, screw means passing through said cover and entering the anode flange detachably securing the cover to said flange in order to provide a fluid tight seal at the corrugations, an electrostatic control member and a cathode within said anode, combined support and leading-in conductors for said control member and cathode, and detachable means securing said support-conductors to said cover in order to effect a fluid tight seal therebetween.

2,449,257
PRESS FOR POWDERED METALS
Warren R. Tucker, Dayton, Ohio, assignor to The H-P-M Development Corporation, a corporation of Delaware
Application September 1, 1942, Serial No. 456,961
1 Claim. (Cl. 78—0.5)



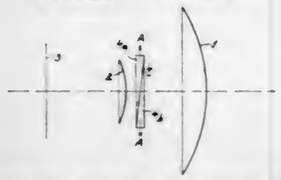
In combination in a press, a pressing member, a platen, a floating mold having a cavity into which said member and platen are movable from opposite ends thereof to press material therebetween, means for actuating the pressing member, means for actuating the floating mold over said platen in the same direction as the pressing member, means for regulating the rate of movement of the floating mold to a lesser rate of speed than the pressing member, means for continuing the movement of the floating mold in the same direction to strip it from the work being pressed, and means for retracting the pressing member.

2,449,258
BOBBIN LOCK
Wilfred J. Vaillancourt, Fall River, Mass.
Application September 11, 1946, Serial No. 696,304
1 Claim. (Cl. 139—249)



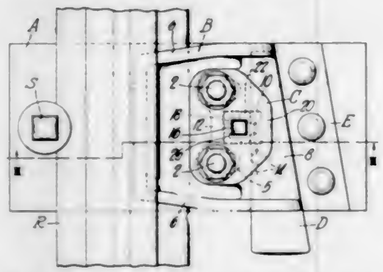
In a rotary magazine for weft replenishing looms, a bobbin carrying disc, V-shaped spring elements having screw attaching eyes at the vertexes thereof with outwardly extending arms having inwardly curved ends and wherein the arms are urged outwardly by spring tension of the elements, said V-shaped spring elements being mounted on the inner surface of the disc adjacent the periphery thereof and positioned midway between the heads of the bobbins carried thereby, whereby outward pressure of the arms holds the arms in frictional engagement with the heads of adjacent bobbins to prevent rolling thereof.

2,449,259
SCHMIDT TYPE OPTICAL SYSTEM WITH PARALLEL PLATE REFRACTIVE ELEMENT
Pieter Martinus van Alphen, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application April 18, 1946, Serial No. 663,143
In the Netherlands July 1, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires July 1, 1961
3 Claims. (Cl. 88—57)



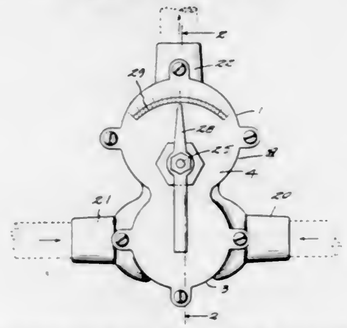
1. A Schmidt type optical system comprising a concave spherical mirror, a correction element calculated to correct by refraction for the spherical aberration of said mirror and to provide a finite throw distance for said system, and means to vary the throw distance of said spherical mirror and correction element comprising a refractive optical element having substantially parallel plane refractive surfaces interposed between said mirror and the short conjugate focal surface of said system.

2,449,260
RAIL BRACE
George S. Vickroy, Johnstown, Pa., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Original application August 10, 1945, Serial No. 610,029. Divided and this application December 24, 1947, Serial No. 793,700
2 Claims. (Cl. 238—292)



1. An adjustable rail brace including a tie plate having an abutment extending thereacross, an adjustable brace member mounted on said tie plate and adapted to abut and position a rail disposed on said tie plate, said brace having an overhanging cover extending outwardly to said abutment, a wedge member disposed beneath said cover and engaging said abutment and said brace to adjust said brace, the edge of said wedge member abutting said brace being serrated, said brace having a vertically extending aperture in its midportion, a downwardly extending boss under said brace inwardly of said aperture, means for securing said brace to said tie plate and for securing locking members on said brace, said locking members comprising a plate member having an aperture therein, and an insert disposed in said vertically extending aperture below the aperture in said plate member, at least one rib on each side of said insert, some of said ribs being located at different locations on the sides of said insert, an upwardly extending stud on said insert adapted to extend into the aperture in said plate member, the inner side of said insert adapted to engage said boss and the rib on the outer side adapted to engage a serration on said wedge, said cover and said plate member overlying the wedge and the serrated locking edge thereon.

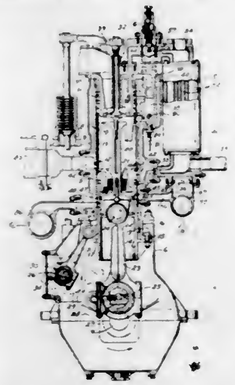
2,449,261
THERMOSTATICALLY CONTROLLED MIXING VALVE
Floyd L. Watrous and George E. Manis, Huntington, Ind.
Application August 27, 1945, Serial No. 612,946
1 Claim. (Cl. 236—12)



In a thermostatically controlled mixing valve of the character specified, a casing comprising upper and lower communicating cylindrical sections of larger and smaller diameter, respectively, said upper section forming a mixing chamber and said lower section a valve chamber and said valve member formed in opposite sides with circumferential ports or openings, a thermostat mounted in the mixing chamber, a hollow cylindrical reciprocating piston valve, slidably mounted in the valve chamber and formed in opposite side walls with a series of circumferential inlet ports or openings adapted to register with corresponding ports or openings in opposite sides of the valve chamber, with the two series of ports of the piston valve arranged in alternating or staggered relation, parallel links between the thermostat and piston valve, a roller carried between the upper ends of said parallel links, an adjustable stop disposed in the path of movement of said roller, a coil spring normally holding the piston valve in forward position and tending to resist the inward stroke of said valve, said roller adapted to engage the aforesaid stop when the thermostat expands and acts as a fulcrum on which the lower ends of the links swing inwardly, horizontal oppositely disposed hot and cold water inlets communicating with opposite sides of the valve chamber and an outlet at the top of the casing for the water to be delivered.

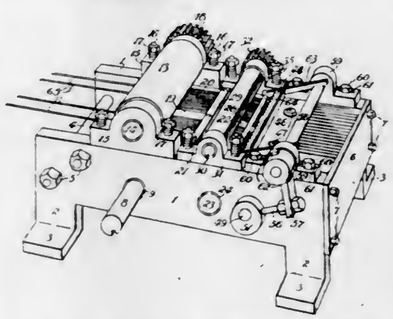
2,449,262
VALVE ARRANGEMENT FOR EXTERNAL-COMBUSTION ENGINES
Daniel Michel Weigel, Detroit, Mich.
Application February 4, 1943, Serial No. 474,671
8 Claims. (Cl. 60—44)

1. In combination with an external combustion engine having a combustion chamber, a reservoir of compressed gas, means driven by the engine for compressing gas into said reservoir, a throttle valve controlling the pressure of the gas compressed by said means, a conduit for admitting gas from said reservoir into said combustion chamber, a valve operated by said engine interposed in said conduit, a pump for injecting controllable quantities of fuel into said combustion



chamber, a regulating valve in said conduit interposed between said reservoir and said first named valve, and means exerting a constant pressure on said regulating valve urging the same toward closed position to interrupt communication between said reservoir and said engine, said regulating valve being urged toward open position by the pressure in said reservoir.

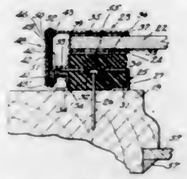
2,449,263
MACHINE FOR MANUFACTURING HAIR SLIDES, HAIR PINS, OR THE LIKE
William Murray Welsford, Melbourne, Victoria, Australia
Application January 29, 1947, Serial No. 724,994
In Australia February 15, 1946
8 Claims. (Cl. 140—87)



1. A machine for manufacturing hair slides, hair pins or the like comprising two parallel rollers adapted to be rotated in opposite directions and to feed a wire therebetween; a cutter associated with each roller, the cutters being adapted to interact to sever the said wire and to bend an end of the wire from which portion has been severed; corrugated portions associated with each roller and adapted to interact to impart undulations to the wire; a bending plate upon which the wire shaped by the rollers is adapted to bear; a bending member adapted to be moved in syn-

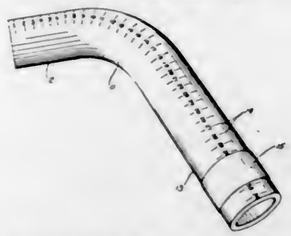
chronization with the said rollers to impart a U-bend to the wire between the said fixed plate and the said rollers; and means for clinching the portions of the wire adjacent to the U-bend.

2,449,264
STORM WINDOW
Farley J. Wilkinson, Homewood, Ill.
Application August 31, 1946, Serial No. 694,189
8 Claims. (Cl. 160—90)



1. Screen and storm window construction comprising a frame permanently attached to a window sash and a panel-supporting member carried by said frame, said member and frame being mutually secured by slidable locking means.

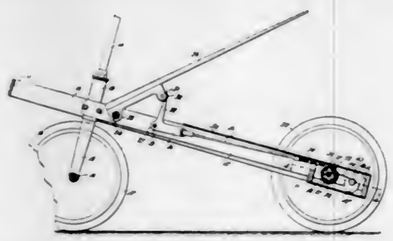
2,449,265
ADJUSTABLE CONDUIT FOR RADIATOR AND ENGINE CONNECTION
Glenn B. Williams, Ralston, Nebr.
Application November 8, 1947, Serial No. 784,914
1 Claim. (Cl. 138—49)



In conduits for use between an engine having a cooling system and a radiator to conduct a cooling medium from the engine cooling system to the radiator and from the radiator back to the engine cooling system wherein the exit from the engine cooling system is in a different plane from the entrance to the radiator and the exit from the radiator being in a different plane from the entrance to the engine cooling system necessitating a bend or curve in the conduits when the conduits are coupled between the entrance and exit of the radiator to the exit and entrance respectively of the engine cooling system, the improvement comprising a flexible conduit having a preformed curved portion, a straight portion of conduit extending from each end of the curved portion of the conduit, said straight ends adapted to be severed perpendicularly to the axis through the conduit at any selected point inwardly of the straight ends to provide a connection between an engine cooling system and a radiator independent of the location of each.

2,449,266
FOOT PROPELLED VEHICLE
Samuel J. Woods, Newport, R. I.
Application March 25, 1947, Serial No. 736,991
7 Claims. (Cl. 280—251)

6. A foot propelled vehicle having a frame structure, a steering wheel and control means therefor mounted at the front part of said frame structure, a rotatable axle shaft mounted on the rear part of said frame structure and driving wheels mounted on said axle shaft, a pair of treadles pivotally mounted on the frame structure, bell-crank members pivotally supported in connection with the frame structure respectively beneath said treadles, each bell-crank member comprising an upwardly extending cam arm and a rearwardly extending draft arm, each treadle having a thrust means including an antifriction roller dependent from the underside thereof adapted to operatively engage the cam arm of the underlying bell-crank member, roller clutch members, each clutch member comprising a driven element fixed on the axle shaft and an oscillatable driver element rotatable about the axle shaft, each oscillatable driver element having a hub portion and a sprocket unitary with said hub portion, a pull chain affixed to each hub portion to normally extend over said sprocket,



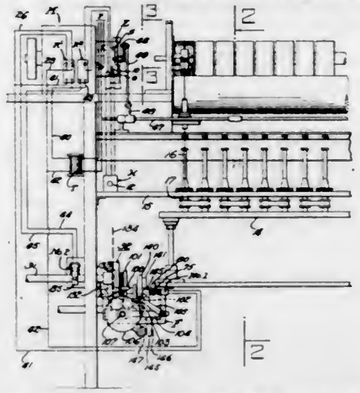
means to couple said pull chains respectively in connection with the draft arms of the respective bell-crank members, and a spring means operative in connection with the hub portion of the driver element of each clutch member to effect recovery movement of said driver element and the bell-crank member and treadle cooperative therewith.

7. A foot propelled vehicle as defined in claim 6 wherein each recovery spring means comprises a spring drum, means for rotatably mounting said drum adjacent to the clutch member served thereby, a spiral spring in said drum having its inner end anchored to the drum mounting means and its outer end to the drum, a winch barrel unitary with said drum but eccentric to the axis of rotation thereof, and a flexible pull strap secured by one end to said winch barrel in normal wound relation thereto and by its other end to the hub portion of the driver element of the corresponding clutch member.

2,449,267
RING SPINNING FRAME
Harold S. Adams, Skowhegan, Maine, assignor to American Woolen Company, New York, N. Y., a corporation of Massachusetts
Application August 30, 1947, Serial No. 771,413
5 Claims. (Cl. 57—79)

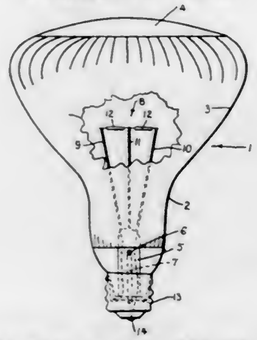
1. In a ring spinning frame having a builder motion which traverses the ring rail and the spindle rail with respect to each other, the combination therewith of a power circuit, a control circuit, a relay having normally closed contacts in the power circuit and controlled by current in the control circuit, two normally open switches in the control circuit, mechanism which closes the first of said switches at a predetermined position of the spindle rail, and mechanism which

closes the second of said switches after the closing of the first switch, the closing of both of said



switches occurring during the last traverse of the spindle rail.

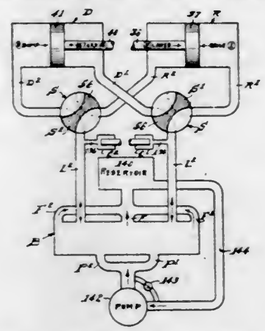
2,449,268
ELECTRIC LAMP
Willard J. Allphin, Danvers, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts
Application May 29, 1947, Serial No. 751,173
1 Claim. (Cl. 176—34)



In combination, an incandescent lamp comprising a bulbous envelope, a filament mounted in said envelope, a translucent coating on the inner wall of said envelope extending over the neck portion and slightly beyond the maximum diameter thereof, and a shade enclosing said lamp, said shade being open at the top and the bottom thereof and defining in conjunction with said lamp a cone of light of about 40 degrees at the top thereof and about 70 degrees at the bottom thereof, the apex of said first mentioned cone being at said filament and the apex of said second mentioned cone being about 1½ inches below said filament.

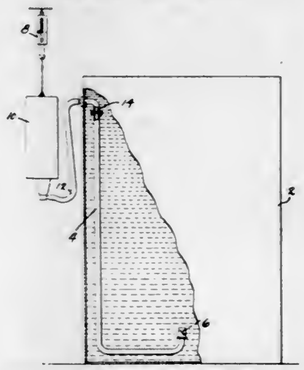
2,449,269
SELECTIVE HYDRAULIC CONTROL STRUCTURE
Ellsworth W. Austin, Cedar Rapids, Iowa, assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa, a corporation of Delaware
Application August 10, 1945, Serial No. 610,116
11 Claims. (Cl. 60—97)

10. In a hydraulic system of the character disclosed, a plurality of hydraulically actuated devices, a selector valve connected therewith, hydraulic fluid supply lines connected with said selector valve, said selector valve, in different positions thereof, connecting said lines with different ones of said hydraulically actuated devices, means affording build up of pressure in both



of said lines, hydraulic actuating mechanisms connected with said lines and operable upon build-up of pressure in both to condition said selector valve for indexing to a newly selected position, said selector valve having an indicator thereon to show the position of the valve.

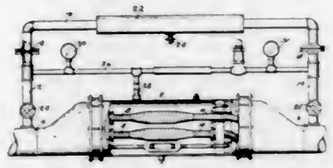
2,449,270
APPARATUS FOR PROTECTING INFLAMMABLE LIQUIDS AGAINST FIRE
Charles E. Bennett, Ridgewood, N. J.
Application September 29, 1944, Serial No. 556,437
1 Claim. (Cl. 169—4)



In combination with a tank of inflammable liquid, a container of dichlorodifluoromethane at the exterior of the tank and under sufficient pressure to maintain the dichlorodifluoromethane in the liquid phase, a tube extending from the container into the tank near the top thereof and along the tank wall to a point adjacent the bottom of the tank and thence inwardly of the tank to approximately the center line of the tank, and a fusible diaphragm across said tube adjacent the surface of the inflammable liquid, said diaphragm fusing at substantially the flashpoint of said inflammable liquid, whereby upon a rise in the temperature of the inflammable liquid at its surface approximating its flashpoint the dichlorodifluoromethane will be released into the liquid adjacent the bottom thereof, some of the dichlorodifluoromethane remaining in solution in

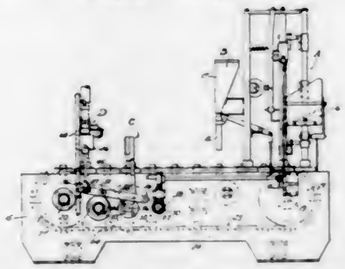
the inflammable liquid to convert the liquid to a non-inflammable mixture of liquid and dichlorodifluoromethane, the remainder of the dichlorodifluoromethane rising to the surface of the liquid.

2,449,271
JOINT STRUCTURE FOR CABLES
Charles E. Bennett, Ridgewood, and Paul V. White, Rochelle Park, N. J., assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J., a corporation of New Jersey
Application November 29, 1945, Serial No. 631,688
4 Claims. (Cl. 174—11)



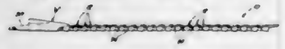
1. The combination of an electric cable system embodying an insulated conductor immersed in an insulating liquid enclosed in a pipe line under superatmospheric pressure, of a joint structure comprising a joint housing uniting adjacent ends of two lengths of said pipe line, a by-pass around said joint housing comprising a pair of tubular legs communicating with the pipe line at each side of the joint housing, a normally empty cross connection between said legs, a rupturable diaphragm in each leg between the cross connection and the pipe line adapted to be ruptured by a pressure impulse produced in the insulating liquid by an electrical fault, a valve for each leg intermediate the diaphragm and pipe line, and means for draining said cross connection with either of said valves closed, thereby to determine which diaphragm has been ruptured.

2,449,272
MEANS FOR VACUUM SEALING FLEXIBLE PACKAGES
Samuel H. Berch, Beverly Hills, Calif., assignor to The Flexible Vacuum Container Corporation, Los Angeles, Calif., a corporation of Nevada
Application January 22, 1944, Serial No. 519,372
1 Claim. (Cl. 93—6)



Means for shaping and vacuum sealing filled flexible containers, which includes a mold within which a filled container is positioned and which mold agrees substantially with the final configuration of the sealed package desired, a sealing head adapted to assume a sealed position with relation to the mold and whereby a vacuum-tight chamber will be formed including said head and the mold, a pair of blades mounted within the head adapted to assume positions at opposite sides of the flexible unfilled portion of the container projecting above the mouth of the mold, pivotal mountings for said blades whereby the blades may swing to positions in a common plane normal to the top of the package being sealed, the free edges of said blades engaging opposite side walls of the mouth of the flexible container, whereby said side walls will be moved together substantially along the median line of the package, said free blade edges overlapping when lying in the same plane to fold the free portion of said side walls substantially in a plane parallel to that assumed by the blades, a sealing bar adapted to move with relation to said blades when they have assumed a common plane to fold the outer end of the container walls in a reverse direction from the original fold and at an acute angle thereto, means for heating said sealing bar, means for moving said folding blades and the sealing bar in synchronism to fold the mouth of the package and thereafter seal the same by the exertion of heat and pressure by the sealing bar, and suction means associated with the vacuum-tight chamber whereby the interior and exterior of the package will be subjected to suction action and after which the sealing bar will cooperate with a folding blade to heat seal the mouth of the package.

2,449,273
ADJUSTABLE FLEXIBLE BAND
Nino Bisso, New York, N. Y.
Application October 18, 1946, Serial No. 704,251
6 Claims. (Cl. 59—79)



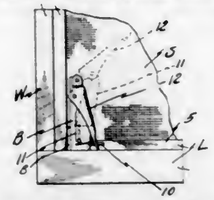
1. An adjustable flexible band comprising a plurality of links pivotally connected to each other at their adjacent ends, respectively, by pivot pins, adjacent links being each provided with a pair of lateral spaced slots in which the pivot pin between adjacent links has a limited movement in opposite directions longitudinally of the band, and means carried by one of said links and adjustably engageable with the companion pivot pin of the adjacent link for releasably holding said companion pivot pin at either of the opposite ends of said pair of slots.

2,449,274
SELF-INDICATING QUATERNARY AMMONIUM BACTERIOCIDAL COMPOSITION
Harry R. Broll, Baltimore, Md., assignor to Fuld Bros., Inc., Baltimore, Md., a corporation of Maryland
No Drawing. Application May 27, 1946, Serial No. 672,688
10 Claims. (Cl. 167—33)

1. A bacteriocidal composition comprising a bacteriocidal quaternary ammonium compound and a fluorescent indicating agent quenched therein and responsive at a predetermined reduced bacteriocidal strength to change the visual aspect of the composition, said indicating agent being selected from the group consisting of fluorescein and uranine.

2,449,275
HOLD-DOWN BRACKET
Fred J. Burns, Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y.
Application January 24, 1947, Serial No. 724,085
9 Claims. (Cl. 160—328)

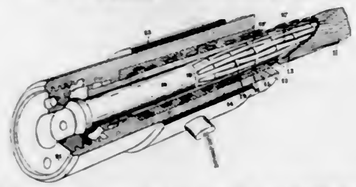
1. A holddown bracket of the class described comprising vertically disposed body portion mounted on a support formed with an offset U-shaped section adapted to accommodate a member to be secured, and a compound lever and



a link assembly pivotally mounted on said body and engageable with said member for locking it when the lever is swung to locked position.

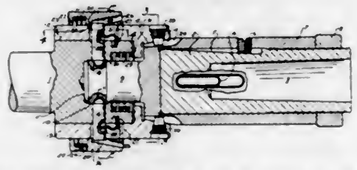
machine, an adapter having means to receive and hold the shank of a cutting tool or cutting tool holder, and intermediate means for engaging and disengaging and for rigidly holding the adapter in a fixed longitudinal position and in axial alignment with respect to said member characterized by the combination of an abutting and axially positioning contact between adjacent ends of said member and adapter whereby exact longitudinal and axial relationship therebetween is established and a further means for centering and supporting said adapter comprising a tapered conical surface in said adapter spaced longitudinally from the said abutting and axially positioning contact, means for mounting on said member in fixed axial alignment therewith but with freedom to move longitudinally thereon a sleeve with a tapered conical surface for engaging the first-mentioned tapered conical surface, and means for urging the tapered conical surface of said sleeve into centering and supporting engagement with said adapter.

2,449,276
PRETENSIONED REINFORCEMENT
Marcel Chalos, Paris, France
Application July 20, 1945, Serial No. 606,116
In France September 30, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires September 30, 1963
4 Claims. (Cl. 72—50)



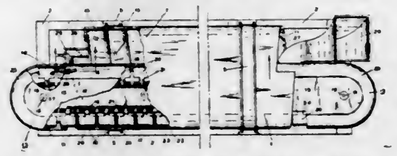
1. A reinforcement for use in preconstrained structures comprising a pair of flexible juxtaposed elements of substantial length as compared to their section, one of said elements having a high tensile strength and a high elongation coefficient for being embedded in the structure to be pre-constrained, the other element having high resistance to longitudinal compression, the first-mentioned element being tensioned strongly, while using the ends of the second-mentioned element as a bearing and remaining thus tensioned until the reactions that balance the tensile stress are transferred from the second-mentioned element to the structure in which the reinforcement has meanwhile been embedded, none of said elements exhibiting any resistance to bending, while stability to buckling is ensured as a result of practically continuous radial reactions being exerted by each element upon the other.

2,449,277
QUICK LOCK TOOLHOLDER
Charles A. Cherry, Berkley, Mich., assignor to Beaver Tool & Engineering Corp., Royal Oak, Mich., a corporation of Michigan
Application October 8, 1945, Serial No. 621,107
9 Claims. (Cl. 279—81)



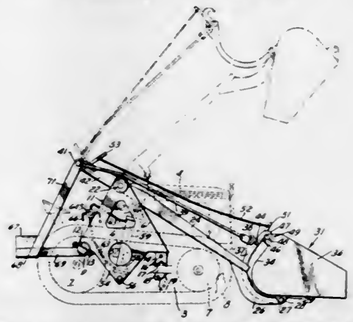
1. A tool holder comprising a member adapted to be held and driven by the rotary spindle of a

2,449,278
CONVEYER
Leo Cieslak, Salem, Oreg.
Application September 27, 1946, Serial No. 699,849
4 Claims. (Cl. 198—215)



1. A conveyor comprising a rotatable cylinder, a spiral material receiving trough formed within and extending throughout the length of the cylinder, an endless trough cleaning device including scrapers fitting within the spiral trough, and means for feeding the material into the conveyor at one end of the trough.

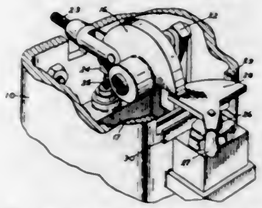
2,449,279
POWER SHOVEL
Johnie E. Conklin, Oakland, Calif.
Application November 19, 1946, Serial No. 710,836
2 Claims. (Cl. 214—140)



1. In a power shovel apparatus for attachment to a conventional track laying tractor including a load-carrying scoop disposed in advance of said tractor and connected to an arm pivotally attached to the tractor and by means of which said scoop may be raised or lowered, an arm supporting frame arranged on said tractor and including attachment means comprising a split-collar sur-

rounding and clamped to the axle housing of the tractor, a rearwardly extending member carried by said split-collar and detachable from the axle having at the rearward end thereof a weight for counterbalancing loads carried by the scoop, and a brace connected at the lower end thereof to said member and connected adjacent the upper end thereof to a support spaced above and substantially paralleling said member, said support being connected with and extending rearwardly from said frame.

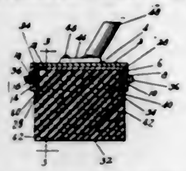
2,449,280
DIE CASTING MACHINE
William Coulthard, Scotby, near Carlisle, England
Application June 19, 1946, Serial No. 677,708
In Great Britain June 27, 1945
3 Claims. (Cl. 22—69)



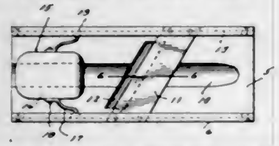
1. In a die casting, molding or like machine, wherein a fixed die portion and a movable die portion cooperate to form a die cavity, an oscillatable crank is pivotally mounted on a support and is connected with said movable die portion to effect movement thereof relative to said fixed die portion, a valve having a pivotal stem and controlling means for feeding plastic material to the die cavity is mounted on the support with the axis of its valve stem at an angle to the axis of said crank, and a lever is fixed on said valve stem for operating said valve, the combination with the afore-mentioned elements of an abutment on said crank for movement therewith through a path in the plane in which the crank moves, and an arm on said lever for movement therewith through a path in a plane transverse the plane of said abutment path, said crank and said valve being mounted adjacent each other on said support to position said abutment and arm paths in intersecting relationship, said crank being mounted on the support to position said abutment to intercept the arm path when said die is open, and said valve being mounted on the support to position said arm to intercept the abutment path when said valve is open, whereby said abutment and said arm are selectively movable between positions free of the respective intersecting path and positions transverse the respective intersecting path so that said abutment will prevent opening of the valve when the die is open and said arm will prevent opening of the die when said valve is open.

2,449,281
SPONGE CLEANING DEVICE
Frank L. Dalton, Ironto, Va.
Application June 14, 1946, Serial No. 676,683
3 Claims. (Cl. 15—244)

2. A cleaning device comprising a back member formed with depending flanges along opposite sides thereof, said flanges being provided on their inner surfaces with longitudinally-extending grooves, a sponge-like cleaning element receivable between said flanges and provided at each side with an upwardly-open slot, clamping inserts adapted to be disposed one in each of said slots and provided with a bead receivable in the groove of the adjacent flange, and means for drawing the positioned insert toward the adjacent flange for clamping the intervening portions of the cleaning element between the flanges and inserts and the grooves and beads thereof.

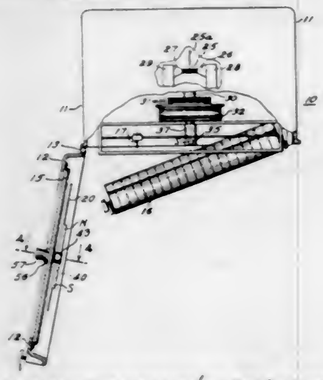


2,449,282
MANUALLY OPERATED VEGETABLE SLICER
Calvin H. Dickman, Brewster, Minn.
Application June 22, 1945, Serial No. 600,983
3 Claims. (Cl. 146—168)



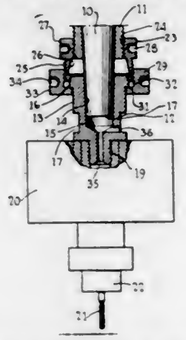
1. A vegetable slicer, comprising a base having an opening formed therein, upstanding sides secured to the base and including longitudinal guide means, a stationary cutter disposed adjacent to the opening and between said upstanding sides, arms pivotally mounted upon the upstanding sides and including parts engaging said longitudinal guide means and movable along the same, and a manually operable plate disposed above the base and pivotally connected to the arms, the arrangement being such that the plate is rockable longitudinally and movable vertically and longitudinally with respect to the base.

2,449,283
RECORDER WITH MAGNETICALLY POSITIONED ELECTRIC INDICATOR
Paul H. Dike, Jenkintown, and Edgar D. Doyle, Philadelphia, Pa., assignors to Leeds and Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 18, 1944, Serial No. 568,736
5 Claims. (Cl. 177—327)



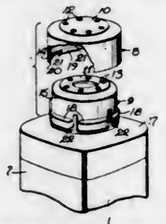
3. In a measuring instrument having means for supporting a driving element enclosed within a housing, an index supported for rotation in front of said driving element, and magnetic means forming a magnetic driving connection between said driving element and said index and subject to variable displacement due to the presence of a stray magnetic field, the method of gravitationally producing a corrective torque to correct for said variable displacement which comprises applying by gravity a torque to said index, and during rotation of said index varying said torque in direction and magnitude to compensate for the torque produced by said stray magnetic field.

2,449,284
MACHINE TOOL ADAPTER
Edward A. Dorman, New Rochelle, N. Y.
Application March 29, 1946, Serial No. 658,246
3 Claims. (Cl. 279—1)



1. A device for mounting a tool on a tapered drill spindle or the like comprising, an adapter having means to mount a tool thereon, said adapter having an interiorly tapered aperture for interengagement with the tapered end of the drill spindle; a connector mountable on said spindle and axially adjustable thereon; and a coupling element adjustably engageable with said connector and movable axially thereof, said coupling element having a portion thereof engageable with said adapter so that upon tightening of said coupling element on said connector the adapter will be adjustably positioned axially on said drill spindle, whereby said adapter can be removably and adjustably held on a drill spindle so as to hold a tool thereon.

2,449,285
ROTARY SIFTER TOP
Ted M. Ekstrom, Rockford, Ill., assignor to J. L. Clark Manufacturing Co., Rockford, Ill., a corporation of Illinois
Application July 17, 1944, Serial No. 545,343
2 Claims. (Cl. 222—548)

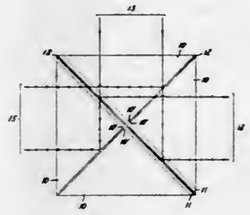


1. A sifter top comprising an outer cup having an arcuate inturned flange extending partially around the peripheral edge of the open cup so that the cup presents a smooth continuous outer side surface and peripheral edge, an inner cup nested into said outer cup against the end wall thereof, an external circumferentially extending projection on the side wall of said inner cup overlying said flange for sliding engagement therewith to hold the cups nested while permitting turning of the outer cup, external stops on the side wall of the inner cup angularly spaced farther apart than the circumferential length of said flange and extending parallel to the axis of the cup on both sides of said projection for receiving said flange between them whereby to locate the cups angularly relative to each other during initial nesting thereof and also to limit turning of the outer cup in either direction, and means on the engaging end walls of said cups defining perforations which register with each other when said flange abuts one of said stops and which are out of register when the flange abuts against the other stop.

2,449,286
PRODUCTION OF 1,3-DIHALOPROPYLENES
Alasdair W. Fairbairn, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 16, 1945, Serial No. 605,453
9 Claims. (Cl. 260—654)

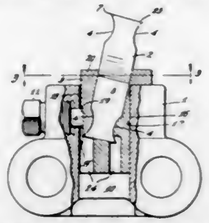
1. A continuous process for the production of 1,3-dichloropropylene which comprises mixing 1,2-dichloropropane with chlorine in a mole ratio of between 1:1 and 3:1, continuously conveying said mixture through a reaction zone, maintaining said mixture in said reaction zone at a temperature of about 500° C. for a fraction of a second, thereby producing a reaction mixture containing 1,3-dichloropropylene and recovering the latter.

2,449,287
POLARIZING BEAM-SPLITTING PRISM
Merrill M. Flood, Washington, D. C.
Application September 23, 1946, Serial No. 698,829
4 Claims. (Cl. 88—65)



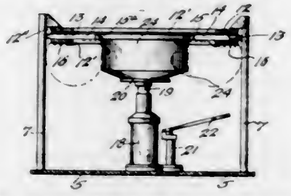
1. A polarizing beam-splitting prism comprising four right-angle prisms of isotropic transparent material mounted with their right angle edges in juxtaposition to form a composite prism, a pair of half-wave retardation plates between adjacent faces of the right-angle prisms along one diagonal interface of the composite prism, a polarizing beam-splitting layer between the half-wave retardation plates, and a polarizing beam-splitting layer between adjacent faces of the right-angle prisms along the other diagonal interface of the composite prism said polarizing beam splitting layers polarizing light by reflection and refraction of light incident at the polarizing angle.

2,449,288
COAL CUTTING BIT AND HOLDER THEREFOR
Frank L. Fulke, Terre Haute, Ind., assignor to Frank Prox Company, Inc., Terre Haute, Ind., a corporation of Indiana
Application June 25, 1945, Serial No. 601,501
3 Claims. (Cl. 262—33)



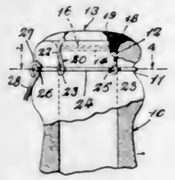
1. In combination with a cutter chain including a link having a socket adapted to receive and support a standard rectangularly shanked mine bit, a keeper having a side received in said socket and fitting one lateral wall of said socket, the side of said keeper opposite said first-mentioned side being formed with an indentation having a wall inclined to said first-mentioned side, and a plural pointed bit of rhomboidal edge outline, one wall of said bit defining such outline fitting in said indentation against said inclined indentation wall, and a angularly related wall of said bit fitting the opposite lateral wall of said socket, the maximum thickness of said bit being substantially one-half the width of said socket, whereby one sharp angle of the rhomboidal outline of said bit is located within said socket and substantially in contact with said last-mentioned socket wall while the other sharp angle thereof is located outside said socket and substantially in the median axial plane of said socket, the lateral outline of the portion of said bit received within said indentation including at least one reentrant section, and the outline of said indentation conforming to said lateral outline of said bit portion.

2,449,289
AXIALLY SHIFTING HYDRAULIC RIM AND TIRE SEPARATING DEVICE
Sanford H. Garey, Uvalde, Tex.
Application May 1, 1945, Serial No. 591,361
1 Claim. (Cl. 157—6)



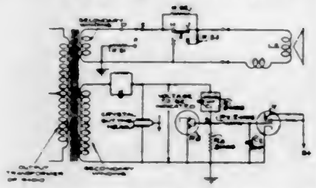
Tire working apparatus which includes a base, a hydraulic cylinder rising axially from the base, an annular row of circumferentially spaced posts fixed to the base and rising therefrom in spaced relation to the cylinder, a ring fixed to the posts adjacent their upper ends, said ring lying in spaced parallel relation to the base and concentric about the axis of the cylinder, said ring having circumferentially spaced radially disposed guide channels extending therethrough, bars slidable in the guide channels toward or away from the axis of the cylinder, tool heads at the inner ends of the bars for engaging a tire and holding it against upward movement, a fluid actuated plunger slidable axially through the upper end of the cylinder, a tire rim supporting head at the upper end of the plunger and means mounted on the base near the cylinder to introduce fluid under pressure into the cylinder to elevate the plunger and exert a lifting effort against a rim resting on the head.

2,449,290
BOTTLE CAP
Pete Gavriles, Laurel, Md.
Application January 30, 1947, Serial No. 725,215
2 Claims. (Cl. 215—45)



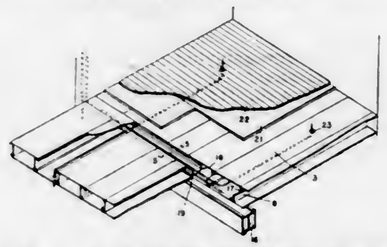
2. A bottle cap comprising a resilient cap having a pair of channels in the upper face thereof, a ball member disposed in each channel, said channels being of a width less than the diameter of the ball members and of a depth to enclose said ball members, whereby to hold said ball members within the channels, each ball member having downwardly extended leg portions terminating in eyelets, a divided ring engaged through respective eyelets of the leg portions and having respective looped ends and cam means operatively engaged with the looped ends of the ring for contracting the latter around the neck of a bottle and exerting a downward pull upon the leg portions of the ball members.

2,449,291
RECORDING APPARATUS VOLUME LEVEL INDICATOR
Paul Stead Gay, Charlotte, Mich., assignor to Wilcox-Gay Corporation, Charlotte, Mich., a corporation of Michigan
Original application February 26, 1940, Serial No. 320,823, now Patent No. 2,351,948, dated June 20, 1944. Divided and this application August 20, 1941, Serial No. 407,620
1 Claim. (Cl. 177—311)



In sound recording apparatus having means for recording audible signals, said means including a source of voltage varying at an audible frequency having variable peak amplitude, a recording member responsive to said variations in said audio frequency voltage source; a first resistance condenser circuit and a diode connected across said recording member; said resistance condenser circuit having a time constant corresponding to a frequency lying within the audio frequency band; said resistance condenser circuit being connected to the anode of said diode; a second resistance condenser circuit connected across said diode; said second resistance condenser circuit having a long time constant compared to said first resistance condenser circuit and corresponding to a frequency lying below the audible frequency band and following only the average of the peaks of the audio frequency fluctuating voltages; and an electron ray tube having a grid and cathode; said condenser of said second resistance condenser circuit being connected across said cathode grid of said electron ray tube for operating said tube to indicate the average of the peaks of said variable audio frequency voltages.

2,449,292
BUILDING STRUCTURE
William Gillett, Grosse Pointe Park, and Edward A. Miller, Detroit, Mich., assignors to Detroit Steel Products Company, Detroit, Mich., a corporation of Michigan
Application June 7, 1944, Serial No. 539,134
4 Claims. (Cl. 189—34)
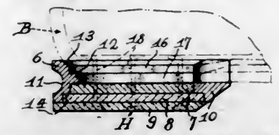


1. A building structure comprising a plurality of units extending side by side and end to end in substantially longitudinal alignment each having a structural element comprising spaced substantially parallel sheets of different width and stiffening members between and secured to said sheets, and a closure, the wider sheets having at their side edges complementary male and female parts for engagement with the female and male parts of the wider sheets of adjacent units, the narrower sheets having at their side edges female parts, the closures having male parts at their side edges for engaging the female parts of the narrower sheets of adjacent units, and a conduit extending transversely of said units and located between adjacent ends thereof, said conduit comprising a trough supported on said stiffening members and adapted to communicate with the spaces closed by said closure, and a closure for said trough.

2,449,293
PROCESS FOR PRODUCTION OF MAGNESIUM COMPOUNDS
Gunter H. Gloss, Redwood City, and Edgar B. Baker, Burlingame, Calif., assignors to Marine Magnesium Products Corporation, South San Francisco, Calif., a corporation of Delaware
Application May 2, 1944, Serial No. 533,704
7 Claims. (Cl. 23—67)

1. In a process for separating out a magnesium compound from an impure hydrous slurry containing one or more magnesium compounds from a group comprising magnesium oxide and magnesium hydroxide, the steps of subjecting a mass of the slurry to contact with a carbon dioxide containing gas, continuously supplying both said slurry and carbon dioxide containing gas to the mass undergoing treatment, controlling the rate of introduction of the slurry and the carbon dioxide containing gas to the mass undergoing treatment so as to maintain the rate of conversion of the magnesium compound to normal magnesium carbonate not in excess of about 0.12 mol per gallon per hour, and the concentration of the carbon dioxide and carbonic acid in the liquid phase in the slurry between the limits of 0.02 to 0.05 mol per liter, such carbonation serving to produce particles of neutral magnesium carbonate of the order of 200 to 400 microns in size, and separating out the neutral magnesium carbonate from the other material of the slurry.

2,449,294
SKI BOOT HEEL CONSTRUCTION
Arthur Guindon, St. Jerome, Quebec, Canada
Application December 26, 1947, Serial No. 793,855
4 Claims. (Cl. 36—2.5)



1. A heel construction affixable to the sole of a boot and especially adapted to ski boots, said construction comprising a hard, U-shaped plate adapted to form the heel periphery, said plate recessed in the upper interior portion to receive said sole, a bar across the ends of said plate adapted to abut the sole, said plate recessed in the lower interior portion, packing elements adapted to be fitted into the lower portion of the plate, a tread shaped to enclose the bottom of said plate and bar, and means for securing said tread to said sole.

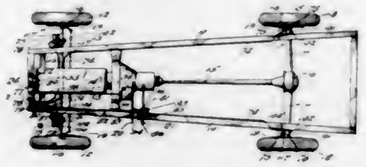
2,449,295
PREPARATION OF AUTOREGENERATIVE CATALYSTS
Carlos L. Gutzeit, San Francisco, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application March 19, 1943, Serial No. 479,819
6 Claims. (Cl. 252—254)

1. The method for the preparation of catalysts suitable for use for dehydrogenation and dehydrocyclization reactions and particularly adapted to be employed in an autoregenerative manner which comprises the steps of forming a coprecipitated mixture of hydrous oxides comprising between 20 and 75 mol per cent (calculated as R_2O_3) of a hydrous reducible oxide of a metal selected from the group consisting of iron and cobalt and between 25 and 80 mol per cent (calculated as Al_2O_3) of alumina, said precipitated hydrous oxides being formed from dilute solution in the presence of sulfate ion at a pH above 6 and under final conditions of pH between 7.0 and 8.0, washing the mixture and impregnating the mixture with a compound of potassium convertible to the oxide by heat in an amount equivalent to between 0.75 and 2.5 mol per cent of potassium oxide.

2,449,296
AUTOMATIC HYDRAULIC JACK
Clarence R. Haight, Cut Bank, Mont., assignor of one-sixth to Vernon T. White, one-sixth to John B. Flugstad, and one-sixth to Lynn G. Clauson, all of Cut Bank, Mont.
Application October 5, 1946, Serial No. 701,592
5 Claims. (Cl. 254—86)

1. An automatic hydraulic jack for automobiles comprising the combination in an automobile

and its engine, a pump unit having a rocker arm, a cam on the engine shaft with respect to which the rocker arm is normally disengaged, a master valve communicating with the pump, hydraulic pressure operated jacks mounted on the automobile axles adjacent the wheels and having plunger operated elements adapted to be lowered into en-



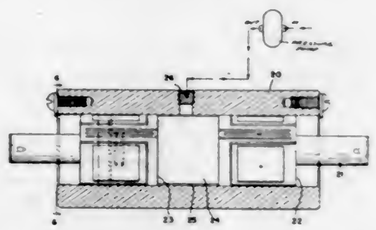
gagement with the ground for raising the axles and wheels, connections between the pump through said master valve with said jacks, said jacks being normally retracted, and dual means for connecting and disconnecting the pump and operating said selector valve to connect the pump and hydraulic pressure supply to the respective jacks at the wheels.

2,449,297

AUTOMATIC FLUID PRESSURE BALANCING SYSTEM

Frank W. Hoffer, Detroit, Mich., assignor, by direct and mesne assignments, to James M. Degnan, Detroit, Mich., as trustee

Application March 26, 1941, Serial No. 385,383
15 Claims. (Cl. 308—122)



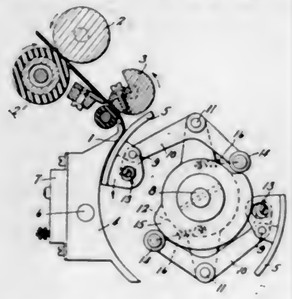
1. A device comprising relatively rotatable inner and outer members spaced from and bodily radially movable relative to each other, said members having their opposed surfaces cooperating to form a plurality of circumferentially spaced areas and other areas intermediate and of smaller size than said first mentioned areas, said first and second mentioned areas being arranged in pairs with each pair comprising an area of larger size and an associated area of smaller size on opposite sides of said inner member, one of said members having means for conducting fluid under pressure to each of the areas of smaller size, one of said members having additional means independent of said first mentioned means for conducting fluid from each of the areas of smaller size to the associated areas of larger size, and one of said members having outlet means for conducting fluid from each of the areas of larger size, said opposed surfaces of said members variably controlling the flow of fluid to the areas of smaller size and from the areas of larger size in accordance with relative bodily radial movement of said members.

2,449,298

METHOD OF AND MACHINE FOR APPLYING LABELS

William Hoppe, Longmeadow, Mass., assignor to National Bread Wrapping Machine Co., Springfield, Mass., a corporation of Massachusetts

Application August 9, 1946, Serial No. 689,441
4 Claims. (Cl. 216—29)



2. A device for applying to an article a label having a thermoplastic surface which comprises a shoe having a surface heated to a temperature sufficient to soften the thermoplastic, and means for carrying the label across the shoe with its thermoplastic surface in direct contact with the shoe and thence into contact with the article.

2,449,299

CONTROLLING POLYMERIZATION OF POLYHYDRIC ALCOHOL ESTERS OF ALPHA-OLEFINIC DICARBOXYLIC ACIDS WITH ETHYLENIC MONOMERS

Everett C. Hurdis, Passaic, N. J., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application December 30, 1944, Serial No. 570,766
5 Claims. (Cl. 260—45.4)

1. In a method of controlling the oil phase gelling and polymerization of a polymerizable mix comprising a liquid polyhydric alcohol ester of an alpha-olefinic dicarboxylic acid, and a liquid monomeric unsaturated polymerizable compound in which the unsaturation is due to a single terminal ethylenic group which is attached to a negative radical, and in which the said ester is soluble and with which ester it is copolymerizable in the presence of a peroxy polymerization catalyst, said catalyst also being present, that improvement which consists in the step of adding a small but effective amount of a promoter of gelation which is a secondary monoamine that contains attached to the nitrogen atom one functionally aliphatic radical selected from the class consisting of alkyl hydrocarbons having from 1 to 5 carbon atoms and beta-hydroxyethyl, and one aromatic hydrocarbon radical of the benzene series.

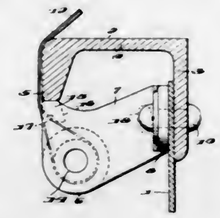
2,449,300

ANCHOR FOR LADING RETAINING BANDS FOR OPEN-TOP RAILWAY CARS

Bert R. Jones, West Haven, Conn.

Application October 22, 1947, Serial No. 781,312
9 Claims. (Cl. 105—369)

1. An anchor for a high tension loading band for open top railway cars having top rails respectively secured to the side walls of the car and each top rail being provided with a portion projecting outwardly from the adjacent side wall, said anchor involving means adapted to be secured to a side wall of the car, a portion adapted to be spaced from the adjacent wall of the car and around which a load retaining band is



adapted to encircle, and means engageable with the under-side of the outwardly projecting portion of the adjacent top rail for resisting upward pull on the anchor by said band.

2,449,301

RINGLET HAIR CURLER

Frank Interrante, Brooklyn, N. Y.

Application September 27, 1946, Serial No. 699,605
12 Claims. (Cl. 132—40)



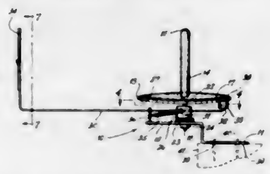
1. In a ringlet hair curler, a generally cylindrical body, said body being formed with two longitudinal diametrically opposite slots on its outer surface, said body further being formed with a diametrally extending slot joining said two slots for substantially half their length.

2,449,302

THREAD FEEDING DEVICE

Stanley J. Ketterer, St. Louis, Mo.

Application November 15, 1946, Serial No. 710,020
9 Claims. (Cl. 242—156)



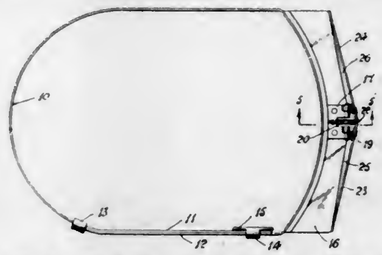
1. A device for feeding thread to a sewing machine from a supply spool comprising a bracket adapted for mounting on a stationary support, an upwardly offset horizontally disposed arm integral therewith, a vertically disposed spindle rigidly secured to said arm, said spindle having a lower perpendicular portion merging into an upper angularly disposed portion, a turntable supported by and freely rotatable about the upper portion of said spindle, means for alternatively starting and stopping the revolution of said turntable automatically at the beginning and end respectively of a sewing operation, and a thread guide comprising an elongated loop member formed on one end of a horizontal rod included in said turntable starting and stopping means.

2,449,303

VISOR

Charles W. G. Laing, Detroit, Mich., assignor to Mayo Visor Co., Detroit, Mich., a corporation of Michigan

Application January 30, 1946, Serial No. 644,222
4 Claims. (Cl. 2—14)



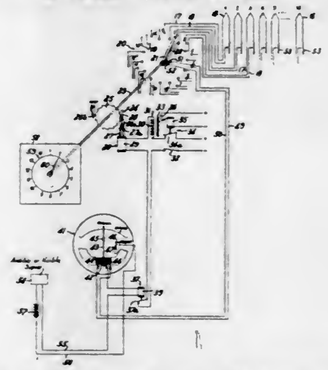
1. In a device of the character described, a head band, a shelf extending forwardly of and about a frontal portion thereof, said shelf being provided with angularly related forward edges converging towards the center of said shelf, a snap hinge affixed to said shelf intermediate its ends, and an eye shade supported by said hinge adapted to swing vertically from a position in front of the wearer's eyes to a position removed from the line of vision, said eye shade being bent along a central area to form angularly related portions of a lesser angle than the angularity of said converging shelf edges and the angular apices of said shelf and said eye shade being spaced apart to an extent whereby the end portions of said eye shade will engage the shelf at points remote from the hinge when said eye shade is in the line of vision so as to support the eye shade at the outer areas thereof.

2,449,304

SUPERVISORY ELECTRICAL ALARM SYSTEM

Anthony H. Lamb, Hillside, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

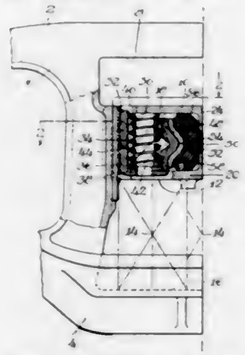
Application May 16, 1946, Serial No. 670,076
1 Claim. (Cl. 177—311)



In an electric alarm system for supervising a plurality of variable conditions; a signal circuit for each condition, each said circuit including an electric device having a characteristic which varies with the magnitude of said condition and an adjustable impedance for conforming the variable characteristics of all said devices to a common range; an electrical measuring instrument including cooperative stationary and pointer

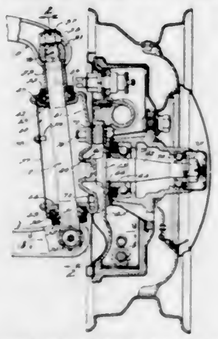
carried contacts one of which is magnetic, a manually actuated release for said contacts and a scale identifying a "normal" and "danger" pointer displacement; a motor driven selector switch arranged to connect said signal circuits in succession to said instrument; a signal device; circuit means operative upon a closure of said contacts to actuate said signal device and stop said selector switch; and an indicator driven by said selector switch for identifying each of the supervised conditions.

2,449,305
SNUBBED TRUCK
Leo A. Lehrman, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application January 1, 1945, Serial No. 570,842
29 Claims. (Cl. 105—197)



15. In a railway car truck, a side frame having spaced columns, a bolster supported from said frame with pockets adjacent said columns, friction shoes in said pockets in wedge engagement between bolster surfaces and said columns, and a plurality of resilient means associated with said shoes, certain of said resilient means being independently associated with respective shoes to urge them in a vertical direction and other of said resilient means being operative to urge said shoes in a horizontal direction.

2,449,306
KINGPIN ASSEMBLY
John W. Leighton, Port Huron, Mich.
Application July 24, 1944, Serial No. 546,412
4 Claims. (Cl. 280—96.1)



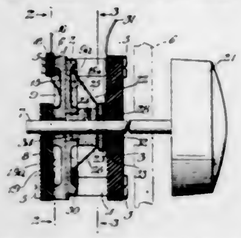
1. A combined wheel axle and kingpin support comprising a cup shape sheet metal housing having aligned openings in opposed walls with the metal around the openings formed to support kingpin bearings, an axle secured at one end to the base of the housing and projecting therefrom, and a plate element mounted on the axle at a point spaced from said base and also being secured to the base.

2,449,307
HAND STRAP
Everard C. Mersereau, Staten Island, N. Y., assignor to The Elicon Company, a corporation of New York
Application July 26, 1947, Serial No. 763,977
8 Claims. (Cl. 105—354)



1. In a hand strap, the combination of a hanger having means at one end for reception of a pivot, the other end of the hanger being open and having opposed inwardly convergent walls, a hand loop of rigid tubular material having its end portion entering the open end of the hanger between said walls, a wedge block between the end portions of the loop, the block and the end portions of the loop having interengaging parts, and means engaging the hanger and block and operable to apply pressure through the block to clamp the end portions of the loop between the block and said walls and to hold said parts in engagement.

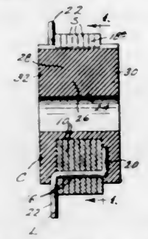
2,449,308
HIGH VOLTAGE CONDENSER
Byron B. Minnium, Erie, Pa., assignor to Erie Resistor Corporation, Erie, Pa., a corporation of Pennsylvania
Application November 23, 1945, Serial No. 630,184
5 Claims. (Cl. 175—41.5)



1. In a variable condenser adapted to withstand high potential differences comprising stator and rotor elements of dielectric material having inner faces in contact with one another, a rotor element having sector-like depressions in its outer face, a condenser plate applied to the surface

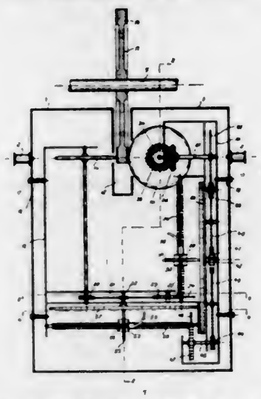
of one of said depressions, an adjusting shaft for the rotor, and a spider of conducting material fixed thereto having at least three resilient fingers engaging said rotor, said fingers constituting the sole means of supporting said rotor in contact with said stator.

2,449,309
METHOD OF MANUFACTURING COMMUTATORS
George L. Moeller, St. Louis, Mo., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo., a corporation of Delaware
Original application August 4, 1943, Serial No. 497,349. Divided and this application June 15, 1944, Serial No. 540,527
1 Claim. (Cl. 29—155.54)



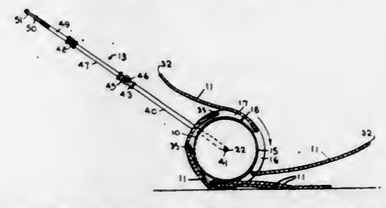
A method of manufacturing a commutator comprising stacking a plurality of laminae, extending commutator leads through the stack, bending their ends across the faces of the end laminae, molding a core in and partially around said stack of laminae and around said bent ends of said leads with the exception of one end of each left for a circuit connection, and cutting the laminae at circumferentially spaced points to electrically isolate portions thereof from each other, said portions constituting the commutator segments.

2,449,310
INTEGRATOR
Eduardo Ernesto Moreau, Buenos Aires, Argentina
Application January 28, 1944, Serial No. 520,128
In Argentina October 1, 1943
7 Claims. (Cl. 33—121)



1. In an integrating device, a carriage, supporting wheels on said carriage, a drive wheel journaled in said carriage and driven by one of said supporting wheels, a casing mounted to swing by gravity in said carriage, main discs supported by the casing and mounted for rotation about axes disposed in angular relation to each other and having frictional contact with the opposed side faces of the drive wheel at points coinciding with the swinging axis of the casing, rotatable plates, means for transmitting rotary movement of each of said main discs to one of said plates, driven discs frictionally engaging said plates, means controlled by the main discs for moving the driven discs radially of said plates, and means actuated by and movable in degree proportional to the relative rotation of the driven discs.

2,449,311
LAND VEHICLE ADAPTED FOR FIRE SUPPRESSION
Philip H. Murphy, Helena, Mont.
Application September 6, 1945, Serial No. 614,774
4 Claims. (Cl. 169—1)



1. In a fire fighting vehicle for grass and range fires, a rotor having a substantially horizontal axis of rotation; a plurality of flaps of flexible fire-resistant material, each flap having a side margin; a separate means connecting each flap, at a side margin thereof, to said rotor, with all of said means extending substantially parallel with said axis and spaced apart, one from another, the size of each of said flaps being such that a portion of at least one of said flaps will underlie said rotor upon rotation thereof, whereby said flaps will provide treads for said rotor; and means for guiding said rotor upon rotation thereof.

2,449,312
BLOCK GREASES
George W. Murray, Pleasantville, and Chester D. Thayer, Jackson Heights, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application May 7, 1947, Serial No. 746,630
6 Claims. (Cl. 252—42)

1. A block grease composition consisting substantially, by weight, of from about 10% to about 90% of mineral oil, from about 30% to about 10% of alkali metal soaps, and from about 1% to about 10% of monohydric alcohols of at least 14 carbon atoms, and having, in finished form, not over 0.5% of glycerine.

2,449,313
GROUND CONNECTING DEVICE
Alfred H. Naef, Chatham, N. J., assignor to The Daven Company, Newark, N. J., a corporation of New Jersey
Application January 11, 1946, Serial No. 640,612
1 Claim. (Cl. 174—6)

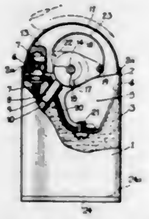
In a ground connection device for radio apparatus or the like, a rod composed of a plurality of detachably connected sections, said sections

having spiral threads on their outer surfaces, one of the said sections having one end tapered to a point and a coupling member formed upon its other end, another section having a coupling member on one of its ends for cooperation with the coupling member on the pointed section and having a handle coupling member on its other end, an operating handle having a coupling head thereon for operative engagement with the



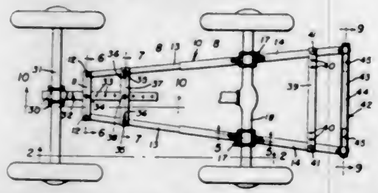
handle coupling member on the rod section, the coupling member on said pointed section being shaped to receive and operatively connect to the handle-carried coupling head whereby the pointed section may be used independently of the other section of the rod, a pressure plate carried by said rod, said pressure plate including an internally threaded sleeve for receiving the rod carried spiral threads, and laterally extending foot plates on said sleeve.

2,449,314
CIGAR LIGHTER
Warren I. Nissen, Newark, N. J.
Application May 15, 1946, Serial No. 669,876
2 Claims. (Cl. 67—7.1)



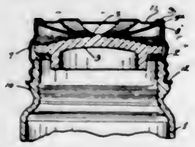
1. A pyrophoric lighter of the character described, including a casing which is elongated in horizontal cross section, said casing having therein a fuel chamber, a sparking wheel mounted in the space above the fuel chamber and disposed substantially centrally between the side edges of the casing, a wick tube mounted on top of the casing at one side of the sparking wheel, the top of the casing having a well located at the other side of the sparking wheel, a cap member overlying substantially the entire space above said casing, said cap member being pivotally mounted substantially concentric with the sparking wheel and having a top wall which arches substantially symmetrically over the top of the casing substantially from one side edge of the casing to the other side edge thereof when said cap member is in closed position, to provide opposed quadrants of the cap member which overlie respectively the wick tube and well, which quadrants join together at a point above the sparking wheel and afford opening movement of the cap member by manual engagement with the quadrant of the cap member which overlies the wick tube, said cap member being tiltable between the aforesaid closed position and an angularly displaced position wherein the quadrant of the cap member which overlies the wick tube is lifted upwardly therefrom to expose the latter and the quadrant thereof on the opposite side of its pivotal axis moves downwardly into said well, means being provided whereby movement of the cap member from closed position to such angularly displaced position produces rotation of said sparking wheel to project sparks therefrom toward the wick tube.

2,449,315
ADJUSTABLE DRAWBAR FOR TRAILER COUPLINGS
Albert Partin, Portales, N. Mex.
Application April 8, 1947, Serial No. 740,081
1 Claim. (Cl. 280—33.44)



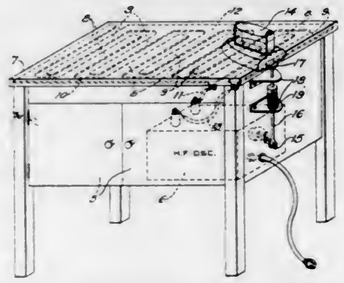
A draw bar for a trailer coupling comprising a tongue fixed to the front axle of a traction vehicle, a cross bar secured to the tongue in spaced relation to the front axle, for adjustment longitudinally thereof, a stabilizer bar secured for longitudinal adjustment to the tongue in spaced parallel relation to the cross bar, an extensible side bar pivoted adjacent its forward end to the cross bar adjacent each end thereof, each side bar being coupled through a pin and slot connection to the stabilizer bar, said side bars extending longitudinally of the traction vehicle in a plane below the rear axle thereof, means coupling each side bar to the rear axle of the traction vehicle, a spreader bar extending between the side bars near their rear ends, a vertical arm projecting upwardly from the rear end of each side bar, a tow bar mounted for vertical adjustment on the vertical arms and a trailer coupling fixed to the tow bar intermediate its ends.

2,449,316
CANNING JAR
Hans Pfleumer, New Brunswick, N. J.
Application December 22, 1945, Serial No. 636,669
2 Claims. (Cl. 215—56)



1. In combination, a jar having an opening, a cover for the jar, a gasket between the cover and the material of the jar defining the opening therein, and resilient means for maintaining the cover in place; said resilient means comprising an auxiliary member securable to the jar above the cover thereof, and a spring between the auxiliary member and the cover; said auxiliary member having an annular flange substantially parallel to the cover; said spring comprising a substantially convex sheet of spring material having a central portion engaging the upper surface of the cover, and having radiating legs engaging the under surface of said annular flange; said flange including means for regulating the pressure of the spring on the cover; said means comprising the arrangement of the flange to have a series of spaced stepped elements at different levels above the cover; the number of spaced elements at each step corresponding to the number of radiating legs of the convex sheet.

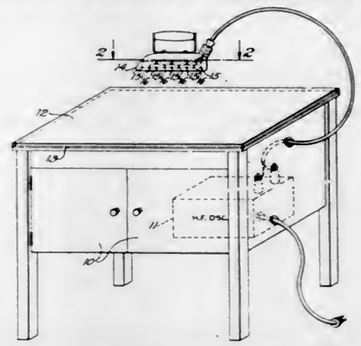
2,449,317
ELECTROSTATIC PRESSING APPARATUS
Earle C. Pitman, Red Bank, N. J., assignor to Compo Shoe Machinery Corporation, Boston, Mass., a corporation of Delaware
Application April 18, 1944, Serial No. 531,533
2 Claims. (Cl. 219—19)



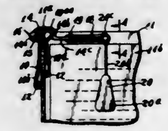
1. Ironing apparatus comprising in combination, an oscillator, a cabinet housing said oscillator, said cabinet providing a support for the material to be ironed, a plurality of spaced electrodes embedded within said support, a pair of electrical conductors connecting the alternate of said electrodes together, means connecting said conductors to the output circuit of said oscillator, and a hand iron having a metallic lower surface providing a free electrode capacitively coupled to said electrodes when said iron is brought into ironing contact with the material placed upon said support.

2,449,318
ELECTROSTATIC IRONING APPARATUS
Earle C. Pitman, Red Bank, N. J., and Ervin L. Crandell, Wellesley, Mass., assignors to Compo Shoe Machinery Corporation, Boston, Mass., a corporation of Delaware
Application April 18, 1944, Serial No. 531,532
4 Claims. (Cl. 219—19)

2. Ironing apparatus comprising in combination, a hand ironer having a body portion of nonmetallic material, a plurality of interlaced, spaced electrodes embedded within the body portion of said ironer, a pair of electrical conductors connecting alternate of said electrodes together, an oscillator, means connecting said conductors to said oscillator, a cabinet housing said oscillator, and means forming a portion of said cabinet providing a surface for supporting the material to be ironed and providing a free electrode capacitively coupled to said electrodes when said ironer is placed upon said material.

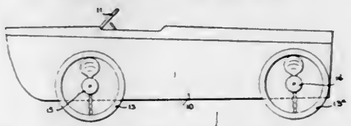


2,449,319
BOOKMARK
Emil Polak, Woodside, Long Island, N. Y.
Application December 11, 1945, Serial No. 634,177
2 Claims. (Cl. 116—119)



1. A book mark comprising a U-shaped member providing opposing material gripping jaws having terminals spaced longitudinally from each other and provided with curled ends adapted to engage a book part, said U-shaped member having a loop on the bend part thereof, hinge lugs secured to said member inwardly of said loop, a lever pivoted to said lugs and provided with a loop engaging the loop of the member to close said jaws against a part placed between the same, and a page locating book mark pivoted on the outer end of the lever, the U-shaped member being adapted to grip the flexible hinge of a book.

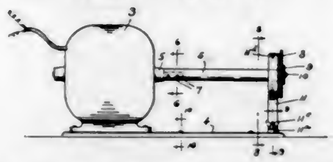
2,449,320
LAND AND WATER VEHICLE
Gaetano Raimondi, New York, N. Y.
Application November 30, 1944, Serial No. 565,865
8 Claims. (Cl. 115—1)



1. An amphibian vehicle for use on both land and in the water comprising a hull, two front and two rear wheels secured to said hull, each having a hub, a tire, spokes securing said tire to said hub, and a paddle journalled to said hub and tire and disposed between two adjacent spokes, and separate driving mechanisms for rotating each of said wheels and its paddle, and separate driving mechanisms for rotating each of said paddles about its axis perpendicular to the axis of its wheel, including gears in the hub of its said wheel

and a stationary lantern gear with which said gears mesh, and a clutch for moving each of said lantern gears out of mesh with its correlated hub gears.

2,449,321
SHOE SHANK GROOVING MACHINE
Andrew Rayon, Sulphur, La.
Application January 23, 1946, Serial No. 642,824
2 Claims. (Cl. 12—17)

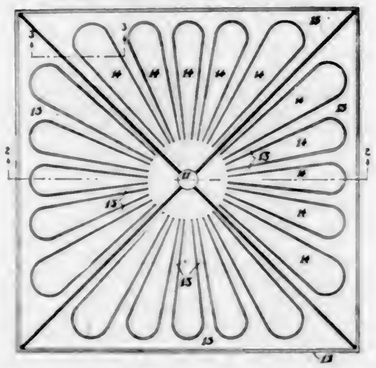


1. A shoe repair machine comprising a motor driven disc type cutter, a supporting base for the motor of the cutter, said cutter being adapted for cutting a transverse groove in a shoe shank held against the cutter, and a gauge alongside said cutter curving concentrically thereof and in an arc of relatively smaller radius than that of said cutter for gaging the depth of the groove to be cut.

2,449,322
COMPOUND FOR FISHING BAIT
Isaac F. Richardson, Gallatin, Tenn.
No Drawing. Application March 27, 1947, Serial No. 737,729
4 Claims. (Cl. 99—3)

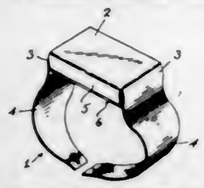
1. A compound for fishing bait consisting of oil of anise, pine tar, methyl salicylate, mineral oil and motor oil.

2,449,323
SHEET-METAL RECEPTOR
Frank H. Richterkessing, Louisville, Ky., assignor to Porcelain Metals Corporation of Kentucky, Louisville, Ky.
Continuation of application Serial No. 518,480, January 14, 1944. This application January 13, 1945, Serial No. 572,656
6 Claims. (Cl. 4—146)



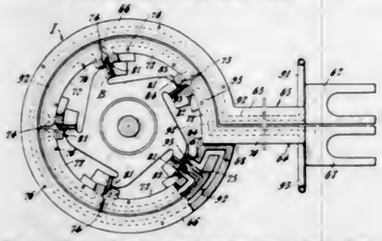
1. A sheet-metal floor for a shower-bath cabinet having a plurality of depressions formed therein, and a vitreous-enamel coating on the upper surface of the said floor; the outer surface of the vitreous-enamel coating on the upper surface of the depressions having a smooth glazed-finish and the outer surface of the vitreous-enamel coating on the remaining portion of the floor having a finish dull and rough relative to the said glazed finish.

2,449,324
WRIST-ATTACHED ARTICLE CARRIER
Clifford C. Robinson, Sioux City, Iowa
Application April 16, 1945, Serial No. 588,435
1 Claim. (Cl. 224—28)



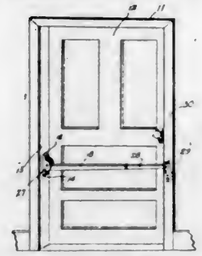
An article carrier to be worn on the wrist comprising a bracelet of spring metal and clip-like form including an integral crown cover portion of inverted box form, and a receptacle separate from the bracelet and fitting upwardly in said crown, said crown cover portion having ends and sides frictionally gripping said receptacle the ends being formed by said bracelet, said receptacle depending below the sides of the crown to rest on the wrist and prevent said sides from cutting the wrist.

2,449,325
INDUCTION HEATING OF ROTATABLE BLADE ASSEMBLIES AND THE LIKE
Wallace C. Rudd, Larchmont, and Robert J. Stanton, Brooklyn, N. Y., assignors to Induction Heating Corporation, New York, N. Y., a corporation of New York
Application June 20, 1945, Serial No. 600,544
4 Claims. (Cl. 219—13)



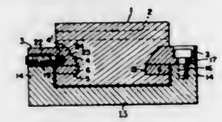
1. Induction heating apparatus for heating work having the general form of helical blades as mounted on a rotor assembly, said apparatus comprising a conductor having the respective end portions thereof adapted for connection to two closely spaced terminals of a source of high frequency current, said conductor being constructed and arranged to form a loop portion extending from one terminal around in a loop formation back to a point near such terminal and there joining another loop portion which is closely spaced with respect to said first-named loop portion and extends back around in a like loop formation to the other terminal, a plurality of gaps being formed at spaced points along said conductor, and an elongated loop-like inductor portion physically connected to bridge each such gap and extending angularly with respect to the general plane of said conductor loops, a support and guide means for such rotor-blade assemblies and the like, and means to advance said support axially of the assemblies while the latter are gradually rotated by said guide means to an extent corresponding to the pitch of the helical blade formation, each elongated loop-like inductor including portions shaped and positioned to form a channel-like path containing a localized high frequency field through which the blade formation passes while being thus advanced.

2,449,326
SAFETY GUARDRAIL
Frederick Schaefer, North Plainfield, N. J.
Application February 28, 1947, Serial No. 731,649
4 Claims. (Cl. 20—71)



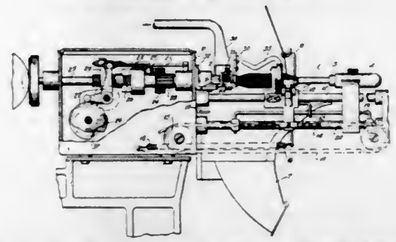
1. In a doorway including a door mounted for opening and closing movement with respect to said doorway, a guard device arranged within said doorway adjacent to and spaced from said door and mounted for movement into and out of obstructing position with respect to said doorway, said device comprising a bracket member carried by a side-face of said doorway, an arm mounted in said bracket for swinging movement about a horizontal axis, a transverse slidable shaft carried by said bracket and actuable upon closing movement of said door, a latch means on said arm and on said shaft engaging each other when the arm is in out-of-obstructing position to thereby lock the arm in the latter position and releasable from each other upon slidable movement of said shaft in response to closing movement of said door to thereby cause the arm to swing to its obstructing position, and resilient means operatively connected to said shaft and said arm for normally biasing said latch means into engagement with each other.

2,449,327
SLIDE ASSEMBLY FOR MACHINE TOOLS
Michael J. Schlitters, Grosse Pointe Park, Mich.
Application August 11, 1944, Serial No. 549,095
8 Claims. (Cl. 308—3)



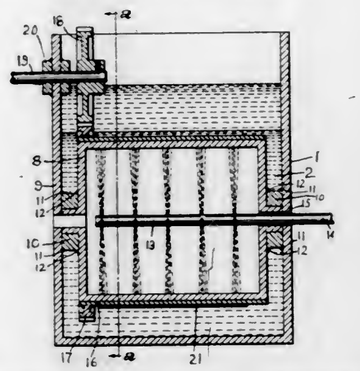
1. In a slide assembly for machine tools, the combination with a slide, a support for the slide, a pair of guide rails on the support engaged with opposite sides of the slide, at least one of such rails being adjustable on the support to and from the slide, and means for releasably clamping the adjustable rail to the support, of a feed nut housed within the adjustable guide rail, means for anchoring the feed nut to the support, an adjusting screw substantially transverse to the direction of travel of the slide and operatively engaging the feed nut, the adjustable rail being apertured to give access to said screw, and means connecting the adjustable rail to the screw to advance with the screw toward the slide.

2,449,328
AUTOMATIC WINDER
Walter Schweiter, Horgen, Switzerland, assignor to Maschinenfabrik Schweiter A. G., a corporation of Switzerland
Application July 13, 1940, Serial No. 345,255
In Switzerland August 25, 1939
8 Claims. (Cl. 242—19)



1. In automatic bobbin winders of the kind in which the bobbins are fed to and discharged from the winding position and in which the yarn is initially fixed to a bobbin by being pinched between the end thereof and the winding head and then wound on the bobbin by means of a thread guide which travels lengthwise of the bobbin and in which the bobbin has a shoulder over which the yarn extends from the point of pinching to the initially wound yarn mass, the improvement which consists in the combination with the winding head, the mechanism causing the yarn to be pinched against the head by a bobbin, and the thread guide mechanism, of a movably-mounted knife and means moving with said thread guide mechanism for causing movement of the knife to a position at one side of said shoulder but not in contact with the bobbin and in the path of a portion of the yarn that is clear of the bobbin, whereby the rotation of the bobbin causes such yarn to strike the knife and be cut thereby.

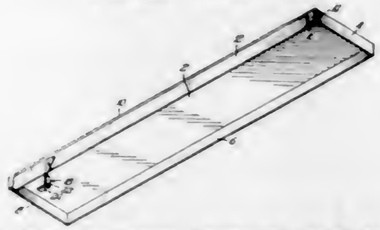
2,449,329
APPARATUS FOR PLATING SHEET METAL
Harry Sebell, Wilmington, Mass., assignor to Bell Products Corporation, Boston, Mass., a corporation of Massachusetts
Application February 13, 1946, Serial No. 647,236
2 Claims. (Cl. 91—12.6)



1. A machine for coating metal comprising a pot for containing molten tin, a stationary drum submerged in the mass of molten tin, means for heating said drum, a sleeve encircling the drum and with which the sheet metal to be plated has

contact, and means to turn the sleeve on the drum, thereby to assist in feeding the sheet metal through said tin bath.

2,449,330
ROOF STRUCTURE
Alfred Shaw, Chicago, Ill.
Application February 15, 1946, Serial No. 647,754
3 Claims. (Cl. 108—13)



1. A roof structure, comprising panel sections of aluminum or a similar light metal or alloy, each section being a long, rectangular, flat surface with narrow vertical sides, one of the longer sides having a flange extending from said side, said flange doubling back parallel to the side of which it is an extension and forming a narrow channel, between said flange and said side, wide enough to accommodate the unflanged side of a similar section, said flange extending upwardly to a line immediately below the plane of the aforementioned flat surface, said flange being slightly shorter than the side from which it extends, a holding means secured to the said panel section and forming an integral part thereof, extending downwardly in the direction of the afore-mentioned sides and parallel to them, and of sufficient length to securely clamp the said section and the upper end of an identical section, overlapped by and directly beneath the bottom end of the first-mentioned section, to the upper flange of a roof supporting member.

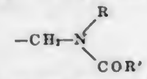
2,449,331
SECTIONAL POST LOCK FOR LOOSE-LEAF BINDERS
Walter Shoda, St. Albans, N. Y.
Application July 20, 1946, Serial No. 685,257
3 Claims. (Cl. 129—12)



3. In a loose leaf binder, upper and lower clamps, posts extending from the lower clamp and passing through said upper clamp, a flexible strip in said upper clamp, perforated wedge plates having edges loosely connected to the opposite ends of said flexible strip, said post also passing through the perforations of said wedge plates, means for positioning said plates obliquely whereby the posts are frictionally engaged by the diametrically opposite edges of the perforations to lock the clamps together, said strip being normally in flexed position to retain the plates in oblique locking position, adjustable means for flexing said strip to move the plates from oblique locking position to free said posts, said strip flexing means comprising a screw and a threaded collar on said strip through which the screw passes, said upper clamp having an opening formed in the bottom thereof, said screw having a reduced lower end portion disposed within said opening and freely rotatable therein, means on said screw cooperating with said upper clamp to prevent detachment of said screw from said upper clamp, said wedge plate positioning means comprising a lip on the edge of each of said wedge plates opposite the edges of which are loosely connected to the ends of said flexible strip, said flexible strip being ridged on opposite sides of said flexing means to provide fulcrums whereby the opposite outer ends of said flexible strip will move vertically to move said wedge plates.

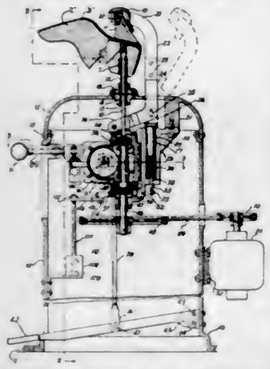
2,449,332
S-(AMIDOMETHYL)-DIMERCAPTO-PROPANOLS
Frank K. Signaigo, Brandywine Hundred, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
No Drawing. Application March 6, 1945, Serial No. 581,322
4 Claims. (Cl. 260—561)

1. A stable, water soluble anti-vesicant compound useful as an anti-vesicant and in arsenic and cadmium therapy consisting of a derivative of 2,3-dimercaptopropanol in which at least one mercapto hydrogen is replaced by the group.



wherein R is a radical selected from the group consisting of hydrogen and a hydrocarbon radical, and R' is a hydrocarbon radical.

2,449,333
APPARATUS FOR ATTACHING HEELS TO SHOES
Edward F. Small, Newton, Mass., assignor to Compo Shoe Machinery Corporation, Boston, Mass., a corporation of Delaware
Application September 7, 1946, Serial No. 695,431
8 Claims. (Cl. 12—42)



1. A machine for driving wood screws, comprising work holding means, a spindle reciprocable towards a work piece held by said holding means, means for securing a wood screw to the end of said spindle, means for rotating said spindle in a screw driving direction, means for reciprocating said spindle towards said work piece at a rate which is less per revolution of said spindle than the lead of the thread of the wood screw secured thereto until said wood screw has bored a lead hole into said work piece, means for allowing said spindle to reciprocate at a rate corresponding to the lead of the thread of said wood screw until said wood screw is driven into said work piece to the desired depth, and means for releasing said wood screw from said spindle, and for returning said spindle to its original position.

2,449,334
METHOD OF PACKAGING
Elmer Lovell Smith, Longmeadow, Mass., assignor to Package Machinery Company, Springfield, Mass., a corporation of Massachusetts
Application May 4, 1944, Serial No. 534,009
1 Claim. (Cl. 93—2)



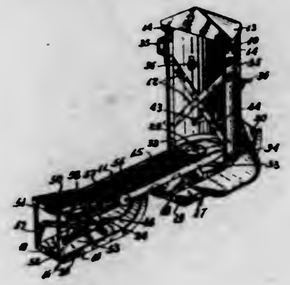
A method of wrapping an article which comprises printing upon a rectangular wrapper a rectangular band of pressure sensitive adhesive, said band having a length slightly in excess of the length of the article and a width slightly in excess of twice the width of the article and having its width asymmetrically disposed on the sheet to produce a wide margin at one side of the sheet, folding the wrapper over the article to bring the folded-over portions of the band into superposed registry, with top and bottom portions of the wrapper overlapping beyond the front of the article and with the wide margin at the bottom extending beyond the narrower margin at the top to produce a final folding flap sufficient to substantially cover the top of the finished package, pressing top end portions of the wrapper downwardly against flattened bottom end portions thereof to bring the registered bands at the ends of the wrapper into adherence closely adjacent the ends of the article, folding each rear corner of the wrapper down upon its respective flattened end portion adjacent opposite ends of the article, folding over said flattened end portions of the wrapper upon the top of the article, pressing the front end top portion of the wrapper down against the final folding flap at the bottom to bring the registered bands of said portions into adherence closely adjacent the front of the article, folding the final folding flap of said wrapper over the top of the package to substantially cover the same, and adhesively securing said finally folded flap in position to complete the package.

2,449,335
HYDRAULIC PRESSURE DEVICE AND ACTUATING FLUID THEREFOR
Frank J. Sowa, Cranford, N. J.
No Drawing. Application October 28, 1942, Serial No. 463,684
5 Claims. (Cl. 252—78)

1. A hydraulic pressure device comprising the combination of a fluid chamber and an actuating fluid in said chamber consisting essentially of a silicone, the organic constituents of which consist essentially of alkyl radicals attached directly to the silicon atoms.

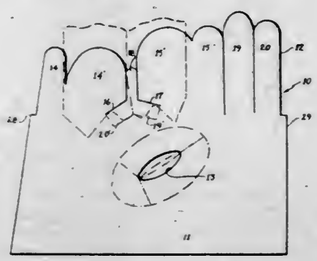
2,449,336
SCOOTER FOR WINTER SPORTS
Ferdinand Spitzwieser, New York, N. Y.
Substituted for application Serial No. 510,104, November 13, 1943. This application September 23, 1947, Serial No. 775,671
13 Claims. (Cl. 280—16)

1. In a scooter having a vertical semi-circular casing positioned at the front of a platform, runners supporting said platform and including a turnably mounted front runner for steering the scooter and pivotally mounted for riding over obstacles with greater ease, a disc supporting said semi-circular casing and being turnably mounted on the front of said platform coaxially of said turnably mounted runner, a trunnion



mounted on said disc and connected with the rear side portions of said semi-circular casing for pivotally supporting said casing so that it may pivot rearwards, means for latching said casing in its vertical position on said disc, and resilient means between said disc and said front runner for urging said front runner in a normal horizontal position relative to said disc.

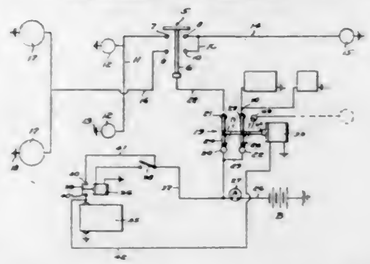
2,449,337
WORK GLOVES
Robert Steinberg, Great Neck, N. Y.
Application November 26, 1947, Serial No. 788,165
14 Claims. (Cl. 2—161)



1. A glove of the character described, comprising a main blank consisting of a lower section and an upper section, said lower section adapted to be folded over to form the front and back of the glove and being of greater width than said upper section to form a lip on at least one side thereof adapted to overlap and be cemented to the opposed edge of the said lower section to form the longitudinal seam of the glove, said lower section having an approximately oval shaped thumb opening formed therein at an angle to its lower edge, said upper section having portions shaped to form the complete little and index fingers when folded on themselves and portions forming parts of the middle and third fingers and a tab formed integrally with the upper edge of said lower section and adapted to be rearwardly bent and cemented in position intermediate said middle and third fingers to secure the two sides

of the lower section to one another, the portions forming the little finger when folded over on themselves being disposed on an edge of the said blank whereby the said longitudinal seam is disposed at the back of the glove when the said little finger is formed; inserts forming complementary parts of the third and middle fingers cemented by the areas adjacent their lower edges to the area adjacent the upper edge of the said lower section one to each side of said tab; and a thumb member inserted through said thumb opening, said thumb member formed of a blank having an approximately oval shaped upper portion folded to have its opposed edge portions connected to one another, and an oppositely curved lower flange section extending on each side of said upper portion, said flange having straight edges connecting its curved edge to the sides of the said upper portion and a slit formed in its edge centrally thereof, whereby said flange may be bent to have its straight edges juxtaposed to thereby set the flange at substantially right angles to the said thumb and to have its upper surface cemented to the inner surface of the edge of the said thumb opening substantially along their entire contacting areas.

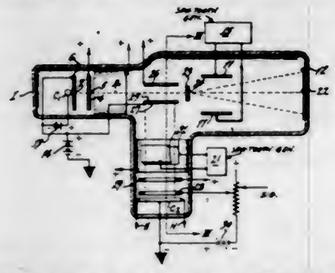
2,449,338
CIRCUIT CONTROL MEANS FOR MOTOR VEHICLES
Everett E. Summersett, Hollywood, Fla.
Application January 24, 1948, Serial No. 4,113
3 Claims. (Cl. 315—83)



1. Control means for motor vehicle electrical circuits including a source of electrical energy and a starter, vehicle headlights, vehicle parking lights and vehicle tail light, circuits for conducting electrical energy to the several lights, a switch for controlling the circuits, a circuit for conducting electrical energy to the starter, a solenoid for controlling the flow of current to the starter, a source of energy for the solenoid, a switch for controlling the flow of current to the solenoid, a circuit breaker positioned in the circuits to the several lights, a solenoid for actuating the circuit breaker, said last named solenoid energized for breaking the light circuits when the starter is actuated, said solenoids automatically assuming their normal position when the starter is deenergized.

2,449,339
CATHODE-RAY TUBE
George C. Sziklai, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 13, 1945, Serial No. 628,296
5 Claims. (Cl. 315—13)

1. In cathode ray tubes, an evacuated envelope containing a phosphor screen, a cathode, an anode, a grid, said anode and grid having slits adapted to form a flat beam from said cathode of thickness and width substantially equal respectively to the height of a picture element and the length of the picture line of said screen, deflecting plates positioned on opposite sides of said beam, one of said plates being of poor electrical conductivity, a mesh screen adjacent one side of

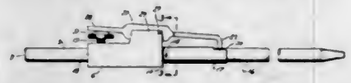


the plate of poor conductivity, means for scanning the beam at frame frequency across said phosphor screen, a second cathode and means for forming and scanning a beam from the second-mentioned cathode across said mesh screen at line frequency.

2,449,340
VITAMIN-B COMPLEX CONCENTRATE
Fred W. Tanner, Jr., and James M. Van Lanen, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application September 24, 1946, Serial No. 699,074
2 Claims. (Cl. 99—9)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

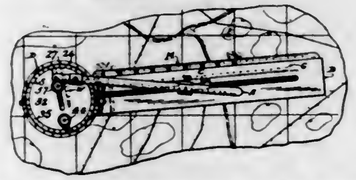
1. A method for producing a feed supplement rich in vitamin B-complex, comprising fermenting an aqueous fermentation medium under conditions of agitation and aeration by fungi of the *Penicillium notatum-chrysogenum* group, and recovering the feed supplement from the fermentation mash by removing the bulk of the water therefrom.

2,449,341
CARBON HOLDER
Robert L. Tanson, Oakland, Calif., assignor of one-half to Elmer C. Hanks
Application March 13, 1945, Serial No. 582,519
2 Claims. (Cl. 176—119)



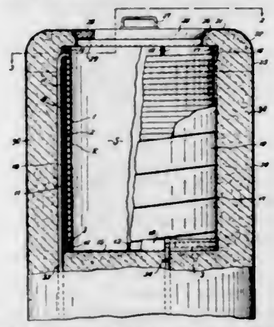
1. A holder for a rod-like electrode comprising an elongated metallic body having a bore extending entirely therethrough and being of a diameter substantially corresponding to that of said electrode, a rod of substantially the same diameter of said electrode slidable longitudinally in said bore and having an end extending from said body, a sleeve arranged for positioning with an end against said body and having a bore of substantially the same diameter as the bore of said body and receiving said rod end in a portion thereof, means securing said rod and sleeve with the rod positioned in said sleeve as aforesaid, said sleeve receiving in another portion of its bore an end of said electrode and being provided with a slot in said portion exposing the electrode in the bore, a lever pivotally connected to said body having an arm with the free end thereof positioned to register with said slot when said sleeve is against said body as aforesaid and to engage the electrode when in the sleeve, means engaging said lever to releasably hold said arm in engagement with said electrode as aforesaid, and means for retaining said rod against longitudinal displacement in said body bore.

2,449,342
PLOTTING AIRCRAFT NAVIGATION COMPUTER
Gerard E. Tardif, Quebec, Quebec, Canada
Application September 9, 1943, Serial No. 501,648
4 Claims. (Cl. 235—61)



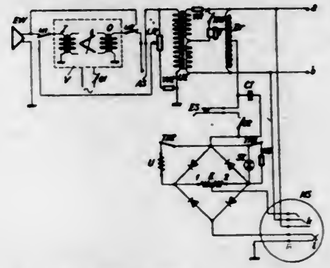
1. A navigational computer of the character described, comprising a wind disc, a base pivoted at one end to the center of said disc, said disc being rotatable with respect to said base, means on the disc for locating same on a suitable map, an arm pivoted at one end to the disc and slidably connected at the other end to a bracket slidable longitudinally on the base, and a pantograph connected at one end to the base and at the other to the slidable bracket, said pantograph having cross bars extending as pointers on the edge of base, whereby the track, point of departure and location of a flying craft after a given time at a given speed will be indicated directly on the map.

2,449,343
REFRIGERATION APPARATUS
Viggo V. Torbensen, Cleveland, Ohio, assignor to Gertrude S. Torbensen, Cleveland, Ohio
Application February 12, 1945, Serial No. 577,545
7 Claims. (Cl. 62—99)



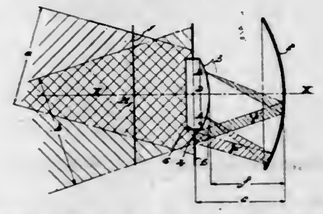
1. In refrigeration apparatus, an evaporator including a wall made of efficient heat conducting material and arranged with one of its sides exposed to the refrigerating space of the apparatus, a device disposed in such relation to the opposite side of said wall as to enclose therewith a refrigerant passage, said device comprising adjacent trough-like parts each of which has one of its edges contacting said wall and its opposite edge engaging the longitudinal medial portion of the adjacent part, a reinforcing member closely embracing said device in firm contact with the side thereof remote from said wall, and means providing a refrigerant circuit including said passage.

2,449,344
DEVICE FOR CONFERENCE CALLS IN SUBSCRIBERS' DEVICES FOR LOUD AND FAINTLY AUDIBLE TRAFFIC
Otto Tschumi, Soleure, Switzerland, assignor to Autophon Aktiengesellschaft, Soleure, Switzerland, a joint-stock company of Switzerland
Application May 12, 1944, Serial No. 535,298
In Switzerland December 10, 1942
2 Claims. (Cl. 179—18)



1. In a telephone system for loud and faintly audible communication, subscribers stations each including an electro-acoustic transformer serving as both a microphone and a loud-speaker, a line circuit, connections between said circuit and said electro-acoustic transformer, circuit control means operable to change said connections to render the electro-acoustic transformer operative as either a microphone or loud-speaker, means responsive to an incoming signal to operate the circuit control means and render the electro-acoustic transformer operative as a loud-speaker, a normally inoperative receiver for producing faintly audible signals, and switch means for operably connecting said receiver in said circuit and simultaneously rendering said signal responsive means inoperative whereupon said electro-acoustic transformer is rendered operative as a microphone by said circuit control means.

2,449,345
SCHMIDT TYPE OPTICAL SYSTEM WITH OPAQUE DIAPHRAGM
Pieter Martinus van Alphen, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application April 18, 1946, Serial No. 663,142
In the Netherlands July 12, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires July 12, 1961
4 Claims. (Cl. 88—57)



1. A Schmidt type optical system comprising a concave mirror, a correction element, an ele-

ment interposed between said mirror and said correction element and having a surface substantially coincident with the focal surface of said system, and an opaque diaphragm having an aperture for the transmission of light therethrough and mounted at a distance along the optical axis from said mirror between three-fourths and one and three-fourths times the focal distance of said mirror and interposed between said correcting element and said mirror.

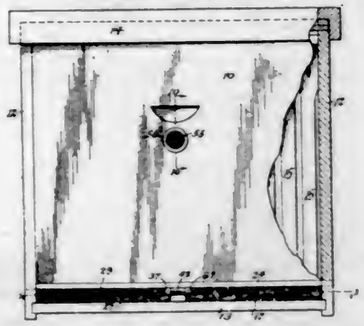
2,449,346
SILICATE PAINTS
Wesley G. Vannoy, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 5, 1945, Serial No. 571,534
4 Claims. (Cl. 106—84)

1. A paint composition comprising a metal amino sulfate from the group consisting of copper, cadmium, and zinc amino sulfates, titanium oxide in powder form, finely divided mica, potassium silicate and water.

2,449,347
HYDROGEN BROMIDE-CATALYZED OXIDATION OF ORGANIC COMPOUNDS
William E. Vaughan and Frederick F. Rust, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application October 11, 1944, Serial No. 558,288
7 Claims. (Cl. 260—610)

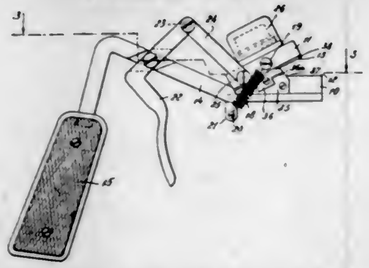
6. In a process for the controlled oxidation of saturated aliphatic hydrocarbons, the steps of subjecting vapors of a saturated aliphatic hydrocarbon to the action of oxygen, in the presence of hydrogen bromide and at a temperature of between about 100° C. and that at which spontaneous combustion will occur, and effecting said reaction in free space in a reaction vessel having a volume to surface ratio not less than 0.25 when all of the linear dimensions of the vessel are expressed in inches.

2,449,348
BEEHIVE
Robert H. Volgenau, Buffalo, and John M. Hooe, Ogdensburg, N. Y.
Application August 21, 1945, Serial No. 611,740
11 Claims. (Cl. 6—4)



1. A beehive comprising a housing having an opening for the passage of bees and means for screening said opening including a frame removably arranged in said opening and having a strip bent to form lower horizontal parts and upwardly projecting loops which alternate with said lower parts, retaining pins guided on said loops and having pointed outer ends, spring means for moving said pins outwardly and engaging their points with the opposite ends of said opening, handles arranged on the inner ends of said pins for manually moving the points thereof out of engagement from the housing, and a screen mounted on said frame and extending across said opening.

2,449,349
DEVICE FOR CONNECTING YARN ENDS
John A. Waugh and Rolf Wallin, Charlottesville, Va., assignors to Wauregan Mills, Incorporated, Wauregan, Conn., a corporation of Connecticut
Application July 15, 1947, Serial No. 760,986
10 Claims. (Cl. 57—22)

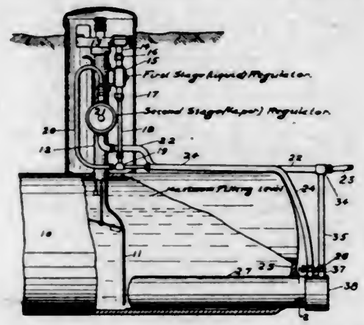


1. A strand connecting device, which comprises a stationary jaw and a movable jaw having opposed faces, one of the jaws having a sloping surface at its inner end meeting the face of said jaw along a line transverse to the jaw and the stationary jaw having a stop at its inner end, spring means connecting the jaws and tending to hold the movable jaw against the stop with said sloping surface on one jaw engaging the face of the other jaw and the outer ends of the jaws spread apart, means connecting the jaws near their inner ends and operable to move the movable jaw away from the stop, said jaw, in the initial part of such movement, rocking on said line and then moving with its face parallel to that of the stationary jaw, a vessel for adhesive mounted on one jaw and having an outlet at the face of the jaw and a valve controlling the outlet, and means on the other jaw for opening the valve during the movement of the movable jaw.

2,449,350
LIQUEFIED GAS DISPENSING SYSTEM
Loyd J. White, San Antonio, Tex., assignor to Southern Steel Company, San Antonio, Tex., a corporation of Texas
Application October 2, 1944, Serial No. 556,832
10 Claims. (Cl. 62—1)

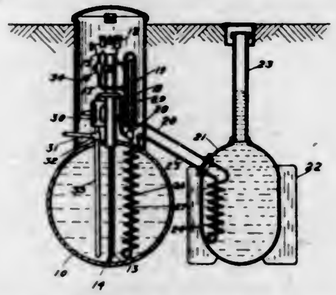
1. In combination with a liquefied petroleum gas generating and dispensing system of the type wherein liquid fuel is delivered from the bottom of the tank through a first-stage pressure reducing regulator and partially vaporized, a heat exchanging casing projecting into the bottom portion of the tank and submerged in the liquid fuel; a vaporizer for the residual liquid delivered from the first-stage pressure reducing regulator removably mounted in said casing; conduit means connected to deliver the residual liquid to said vaporizer and return the vapor therefrom; and a second-stage pressure reducing regulator communicating with said conduit means and through

which the vapor from the first-stage regulator and the vapor generated in said vaporizer are



delivered; and a service pipe connected to the second-stage regulator.

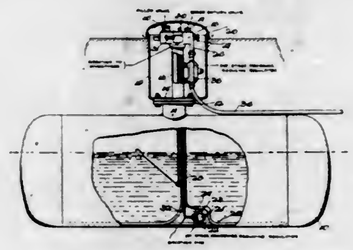
2,449,351
METHOD OF AND APPARATUS FOR DISPENSING LIQUEFIED PETROLEUM GAS
Loyd J. White, San Antonio, Tex., assignor to Southern Steel Company, San Antonio, Tex., a corporation of Texas
Application February 8, 1945, Serial No. 576,735
9 Claims. (Cl. 62—1)



1. That method of generating and dispensing gas which is characterized by storing a quantity of liquefied petroleum gas under its own vapor pressure; discharging liquid as needed by virtue of such pressure; subjecting the discharged liquid to a first stage pressure reduction, thereby causing a portion thereof to flash into vapor; conducting the flashed vapor away from the residual liquid; conducting the residual liquid to a separate vaporizer and independently vaporizing it; and then combining the flashed vapor and the vapor of the residual liquid and subjecting them to a second stage pressure reduction ready for use in gas consuming appliances.

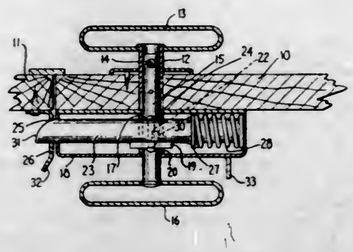
2,449,352
LIQUEFIED GAS STORAGE AND DISPENSING SYSTEM
Loyd J. White, San Antonio, Tex., assignor to Southern Steel Company, San Antonio, Tex., a corporation of Texas
Application November 27, 1945, Serial No. 631,132
2 Claims. (Cl. 62—1)

1. In a liquefied petroleum gas dispensing system for delivering gas of substantially uniform B. t. u. content from a mixture of liquefied petroleum gases, a pressure storage container adapted to be charged with the liquid; a large conduit connected to the upper portion of the container and having a predetermined size of opening therethrough into the container; a standpipe section connected to the upper end of the large conduit carrying a valved dispensing fitting; a fuel delivering conduit connected to the fitting and extending downwardly through the standpipe and conduit into the bottom portion of the container, a first stage pressure reducing regulator having its outlet connected to the fuel delivering conduit



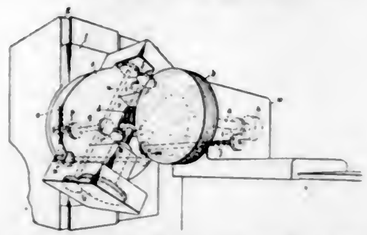
and disposed in the bottom portion of the container and arranged to be submerged in the liquid fuel to absorb heat therefrom; and a vaporizing coil made of flexible pipe connected to the fuel delivering conduit at the regulator and positioned in the bottom portion of the container so that residual liquid will drain therein from the fuel delivering conduit and the regulator, the first stage pressure reducing regulator being of such size and so arranged in relation to the size of opening through the large conduit connected to the upper portion of the container that the assembly may be removed from the container through said large conduit.

2,449,353
DOOR LATCH
Robert E. Whitmore, Keokuk, Iowa
Application April 14, 1945, Serial No. 588,328
2 Claims. (Cl. 292—173)



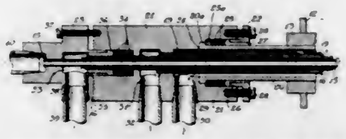
1. A door latch including a bolt, a bolt operating shaft disposed transversely to said bolt, a lever secured to said shaft, a longitudinally extending slot in the outer terminal of said lever, a pin secured to said bolt and slidably secured into said slot, a stop lug secured to said lever for engagement with said bolt to limit oscillation of said lever and resilient means biasing said bolt into the latching position.

2,449,354
MACHINE FOR GRINDING TOOTHED GEAR WHEELS AND THE LIKE
Axel Charles Wickman, Coventry, England
Application March 14, 1946, Serial No. 654,259
In Great Britain March 30, 1945
1 Claim. (Cl. 51—71)



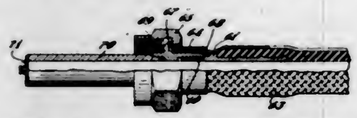
A machine for grinding the teeth of helically toothed gear wheels or other analogous work pieces by a grinding wheel having an operative peripheral surface of helical form, and comprising the combination of a grinding wheel spindle, a work spindle, an angularly adjustable support on which the work spindle is mounted and by which the work spindle can be set at such an angle in relation to the axis of the grinding wheel that the work piece surfaces to be ground are substantially in alinement with the operative surfaces of the grinding wheel helix, gearing for interconnecting the two spindles in constant speed relationship so that relative rotation thereof occurs at the rate which would result if the work piece derived its rotation from the grinding wheel, a slide carrying the angularly adjustable work spindle support, and a fixed guide along which the slide is movable for effecting translational movements of the work spindle support relatively to the grinding wheel spindle in a direction parallel with the work piece surfaces to be ground.

2,449,355
INTERNAL TWO-ZONE HEAT CONTROL FOR PLASTICS EXTRUDERS
Ralph M. Wiley, Midland, and Edward V. Dettmer, Bay City, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
Application July 28, 1947, Serial No. 764,134
1 Claim. (Cl. 18—12)



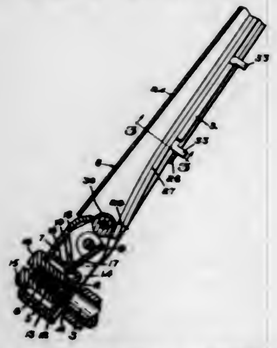
The combination with a hollow rotatable feed screw of an extruder for organic thermoplastic materials, of a nest of four concentric pipes extending into and coaxial with the said screw, the innermost pipe extending to the forward end of the screw, the next larger pipe extending to the desired line of division between separately controlled temperature zones within the screw and being there attached to and rotatable with the screw to form a partition between the said zones, the next larger pipe extending to the forward end of the rearwardly disposed heating zone, and the largest pipe opening into and being attached to and rotatable with the butt of the screw, all of said pipes projecting rearwardly from and coaxial with the screw and into the central bore of a non-rotatable block aligned with and displaced from the rear of the screw and having a stuffing box at each end thereof; the largest pipe terminating at the seat of the stuffing box nearest the screw, being rotatably secured therein and in communication with a radially bored port in said block; the next smaller pipe projecting further into and being secured to the block and in communication with a radially bored port in said block; the next smaller pipe projecting through the rear of the block into the gland of the rear stuffing box, being rotatable therein and being in communication with a radially bored port in said gland; and, the innermost pipe extending through said rear gland, being attached thereto, and in communication with a port at the rear face of said gland.

2,449,356
METHOD OF MAKING SHIELDED IGNITION LEADS
Howard M. Wilkoff, New York, N. Y.
Original application December 16, 1942, Serial No. 469,185. Divided and this application September 26, 1944, Serial No. 555,810
7 Claims. (Cl. 29—155.5)



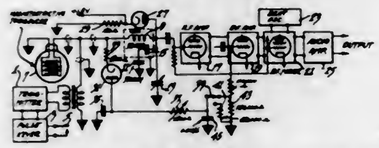
1. Method of making ignition leads, said method comprising as steps providing a length of flexible, synthetic resin tubing of an internal diameter slightly less than the diameter of the ignition lead conductor which it is intended to house, inserting one end of a rigid connector into each end of the tube, drawing a length of flexible tubular armor over the tube, introducing a flexible conductor into the tube, wrapping each end of the armor tube with tape, cutting off the armor tube to final length by incisions passing through the taped portions of the armor tube, arranging a swedging ring over each end portion of the armor tube, and subjecting the swedging rings to pressure thereby to compress the armor tube and the resin tubing firmly about the end portion of the rigid connector.

2,449,357
WINDSHIELD WIPER
Louis Zalger, Swampscott, Mass.
Application September 8, 1944, Serial No. 553,146
4 Claims. (Cl. 287—53)



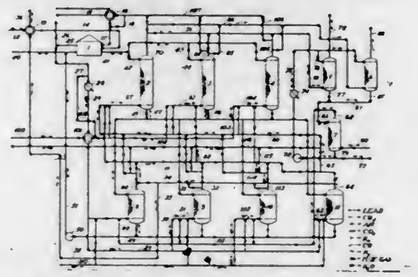
4. Means for connecting a windshield wiper arm having an inner channel section provided with a hood portion to an operating shaft, said means comprising a bushing element interlocked with said shaft and provided with a lateral opening and enclosed within said hood portion, a connecting member located between the sides of said inner channel arm section and having a portion engaged in the lateral opening of the bushing, and means for retaining said connecting member in such position, whereby the turning movement of the bushing is communicated to the connecting member and thus to the wiper arm through the portion of the connecting member which is engaged in said lateral opening.

2,449,358
ECHO SOUNDING SYSTEM WITH SENSITIVITY CONTROL
Amedeo D. Zappacosta, Havertown, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application February 23, 1946, Serial No. 649,604
6 Claims. (Cl. 177—386)



1. In an underwater signalling system having a common electromechanical transducer for transmission and reception, a receiver having an input circuit coupled to said transducer, a pulse transmitter coupled to said transducer, rectifier means coupled to said transmitter and in circuit with said receiver for reducing the sensitivity thereof during periods of transmission, said means also effectively short-circuiting said receiver input circuit in response to applied signalling voltages exceeding a predetermined minimum.

2,449,359
MANUFACTURE OF CARBON MONOXIDE AND HYDROGEN FROM METHANE
Armand J. Abrams, Manuel H. Gorin, and Charles Ovid Baker, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application January 25, 1945, Serial No. 574,612
15 Claims. (Cl. 48—196)

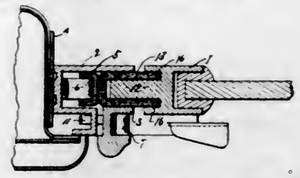


13. In a process for the production of hydrogen and carbon monoxide from a methane containing gas and carbon dioxide wherein said methane is converted to hydrogen and carbon and said carbon is converted to carbon monoxide by interaction with carbon dioxide and wherein the endothermic heat requirement for the conversion of the methane to hydrogen and carbon and said carbon and carbon dioxide to carbon monoxide is furnished by circulating a molten mass of metal at temperatures above 1800° F. in direct countercurrent contact with said methane, carbon and carbon dioxide in at least one refractory packed reaction zone, the improvement which comprises cooling the molten metal following contact in said at least one refractory packed reaction zone by passing the molten metal downward from said reaction zone and through a vessel containing at least one alkaline earth carbonate selected from the class consisting of calcium carbonate and magnesium carbonate to decompose said carbonate to the corresponding alkaline earth oxide and to carbon dioxide for use in the carbon monoxide producing refractory packed reaction zone.

2,449,360
PREPARATION OF HIGHLY HALOGENATED FLUOROALKANES
Paul Rolland Austin, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 11, 1943, Serial No. 498,253
8 Claims. (Cl. 260—653)

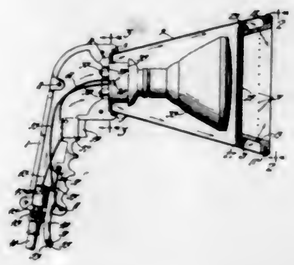
1. The process for the preparation of highly halogenated alkanes, which comprises bringing into admixture, in the presence of a Friedel-Crafts catalyst, a halogenated methane containing at least 3 halogen atoms attached to the carbon, not more than one of the halogen atoms being a fluorine atom, and a halogenated ethylenic compound having at least one chlorine atom attached to one of the doubly bonded carbon atoms, said halogenated methane and said halogenated ethylenic compound being further characterized in that at least one of them contains at least one fluorine atom.

2,449,361
WINDOW CONSTRUCTION
Roy T. Axe, Syracuse, N. Y., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y., a corporation of New York
Application June 13, 1944, Serial No. 540,026
1 Claim. (Cl. 20—54)



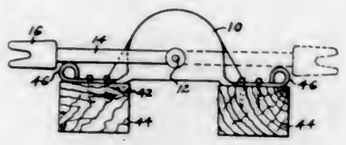
A window construction comprising a sash guide formed with a channel having a movable resiliently pressed bottom, and a sash having a rib extending into the channel, the bottom of the channel having a follow-up movement toward the end edge of the rib, and a weather strip U-shaped in general form and embracing the rib, the strip being anchored to the sash at the base of the rib having its side and intermediate portions normally tending to bulge outwardly from the sides and end edge of the rib to coact with the sides and bottom of the channel, whereby the pressure of the bottom of the channel against the intermediate portion of the weather strip tends to bulge the sides and the compression of the sides of the strip between the walls of the channel tends to bulge the intermediate portion of the strip against the bottom of the channel.

2,449,362
EXPLOSION-PROOF LAMP
James R. Bell, La Grange, Ill., L. David Stacy, Burkburnett, Tex., and Irvin E. Dischinger, Jr., Berwyn, Ill., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 25, 1947, Serial No. 737,122
3 Claims. (Cl. 240—11.2)



1. A portable light source comprising an incandescent electric lamp, a lamp housing including a lens adjacent said lamp, pressure outlet openings for directing pressure flow outwardly away from said lens, a pressure inlet connection adapted to be connected to a source of fluid pressure, an electric switch adapted to be closed by flow of pressure therethrough and connected to said pressure inlet connection and a manually operable electric lamp switch operable to a closed position from outside said housing, and a power cable extending through an opening in said housing for connecting said lamp and switches in series with an electrical power source.

2,449,363
SWITCH LEVER STOP
Homer E. Blair, McCool, Ind.
Application June 27, 1944, Serial No. 542,396
6 Claims. (Cl. 74—526)

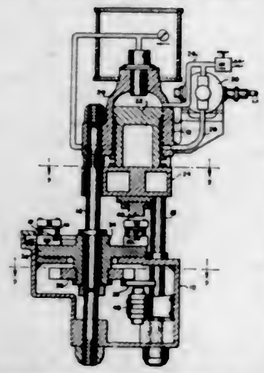


3. A switch lever stop including a substantially flat base, and an abutment portion curving upwardly and inwardly from one end of said base, the free end of said abutment portion contacting the flat base, and a weld joining said free end to said base.

2,449,364
PROCESS FOR ISOLATING VANILLIN
André Blankart, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application August 6, 1946, Serial No. 688,693. In Switzerland October 15, 1945
5 Claims. (Cl. 260—600)

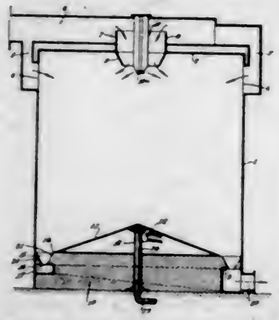
1. A process for isolating vanillin from its aqueous solutions, comprising adsorbing it at a pH of between 5 and 9 on to an adsorption agent which is an anion exchange resin from m-phenylenediamine and formaldehyde and eluting it therefrom by means of solvents.

2,449,365
APPARATUS FOR FORGING
Walter F. Bober, Cleveland, and Frank E. Sebring, Mount Gilead, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del., a corporation of Delaware
Application December 14, 1945, Serial No. 634,989
7 Claims. (Cl. 219—3)



1. A forging press for carrying out continuous forging operations comprising; a workpiece heating and die loading station; a forging station; a workpiece ejecting and die unloading station; and a die cooling station; a plurality of forging dies; a turret mounting said dies; and means for indexing said turret to bring said dies successively into each of said stations, said die cooling station comprising an air blast pipe extending around the periphery of said turret so as to be effective on a plurality of dies at one time.

2,449,366
VIBRATING CONICAL DISCHARGE MEANS FOR SPRAY DRIERS
William Spencer Bowen, Westfield, and Walter Isaac McCrum, Belmar, N. J., assignors to Bowen Research Corporation, Garwood, N. J., a corporation of New Jersey
Application April 21, 1944, Serial No. 532,164
3 Claims. (Cl. 159—45)



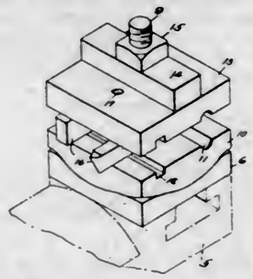
1. In a device for removing finely divided material from a chamber, the combination of a chamber floor having a central opening and a peripheral channel therein, a discharge outlet connected to said channel, a hollow, non-rotatable, substantially conical deflector having its apex upward and its edge adjacent to said channel, and substantially completely covering the portion of the floor enclosed by said channel, adjustable means centrally of and supporting said deflector in spaced relation to said floor to provide a space between said floor and said edge of said deflector of variable width, means for introducing air through said central opening for flow outwardly through said space between the floor of the chamber and the lower edge of the deflector to aid in discharging and cooling said finely divided material and preventing said finely divided material from accumulating between said floor and said deflector, and means for vibrating said deflector.

2,449,367
TAPPED TRANSFORMER SYSTEM
Aram Boyajian, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application December 12, 1945, Serial No. 634,571
6 Claims. (Cl. 323—43.5)



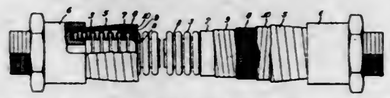
1. In an alternating-current voltage-control under load system, in combination, a transformer winding having a plurality of taps, means for selectively connecting said taps into a circuit under load, said means including impedance means, and means for causing said impedance means to offer two different and independent substantial impedance values, namely, a high impedance value to circulating currents when in continuous operation in shunt connection across a pair of said taps, and a low impedance value preparatory to interrupting said shunt connection.

2,449,368
TOOLHOLDER
Louis Bartley Brown, Duquesne, Pa.
Application June 17, 1946, Serial No. 677,193
1 Claim. (Cl. 82—37)



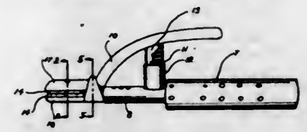
A tool holder of the class described, comprising a base plate adapted to be fitted on the tool rest of a lathe, said base plate having an enlarged central opening and a concaved upper surface, a securing post having a head fitted in a groove of the tool rest, said post having threads adjacent to the head, a threaded washer fitted on the threads and cooperating with the head in securely holding the post in an upright position, a tool clamping plate having a convex lower surface resting on the concaved surface of the base plate and being adjustable with respect thereto, the tool clamping plate having an enlarged opening through which the post extends, the clamping plate pivoting with respect to the post, a third plate resting on the last mentioned plate and adapted to clamp a tool therebetween, the latter plate having an opening through which the post extends, a nut on the post cooperating with the head of the bolt in moving the plates to clamp a tool therebetween, and guide pins secured within the tool clamping plate and being loosely mounted within bores of the third plate aligning said tool clamping and third plates.

2,449,369
FLEXIBLE METAL HOSE
Lewis B. Doane and Frank B. Bentley, New London, Conn., assignors to Electric Boat Company, Groton, Conn., a corporation of New Jersey
Application January 8, 1945, Serial No. 571,771
7 Claims. (Cl. 138—58)



1. In a flexible metal hose, a circumferentially corrugated length of metal tubing, and a viscous vibration damping material substantially filling the exteriorly opening corrugations of said tubing effective for substantially damping out vibration thereof.

2,449,370
ELECTRODE HOLDER
Thomas S. Donnelly, Detroit, Mich.
Continuation of application Serial No. 520,346, January 29, 1944. This application April 12, 1946, Serial No. 661,518
8 Claims. (Cl. 219—8)

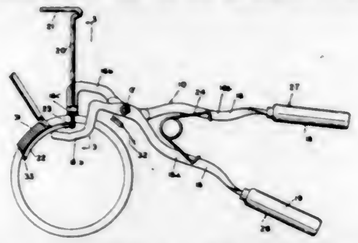


1. In an electrode holder of the class described, a pair of relatively movable gripping jaws for gripping an electrode therebetween, each jaw having a portion substantially semi-circular in cross-section; and an insulating member having an outer surface substantially semi-circular in cross-section mounted on and covering said portion.

2,449,371
METHOD AND MEANS FOR WELDING PIPES AND THE LIKE
Emery Dutch, New York, N. Y.
Application July 20, 1945, Serial No. 606,191
5 Claims. (Cl. 113—111)

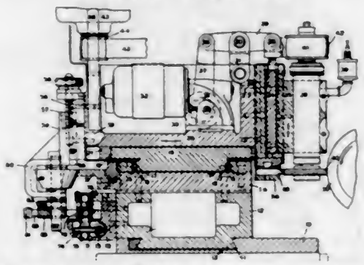
5. A tool for protecting and keeping smooth the inside of a welded portion of the ends of two pipes placed adjacent to, but spaced apart from, one another, comprising a back up plate, means to turn the same edgewise and to insert it into the inside of the pipes through said space between them, said plate then being adapted to be turned flat to the walls of the pipes and to overlap the space between them, means to press said plate against said walls over the mentioned portion of said space from the inside, said last mentioned

means being operable from the outside, said plate then preventing the welding material, from protruding into the inside of the pipes, means, operable from the outside, adapted to release said back up plate and allow the moving of the same against an adjacent portion of the space between the



pipes, whereupon said adjacent portion may be filled with welding material, portions of said plate being adapted to again be turned edgewise to said space and to be so removed from the inside of the pipes through a portion of the space between them, left open.

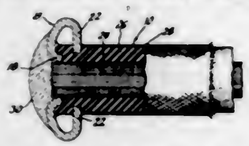
2,449,372
COMPENSATING ABRASIVE WHEEL DRESSING MACHINE
George F. Eglinton, Lincoln Park, and Donald J. Woodworth, Detroit, Mich., assignors to Lincoln Park Industries, Inc., Lincoln Park, Mich., a corporation of Michigan
Application November 15, 1944, Serial No. 563,474
13 Claims. (Cl. 51—100)



1. A compensating grinding wheel dresser comprising a base, a table mounted for longitudinal and transverse reciprocation relative to said base, a rotatable dressing wheel carried on a spindle mounted on said table for vertical reciprocation relative thereto, and power means for simultaneously rotating and reciprocating said spindle and dressing wheel vertically relative to the grinding wheel to be dressed, and means for moving said table longitudinally and transversely of said base in a predetermined path and including a fixed cam on said base, a cam follower secured to said table, and means for moving said cam follower relative to said cam.

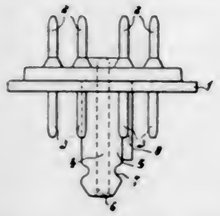
2,449,373
LAMP CONDUCTOR CONTACT
Robert N. Falge and William T. Mears, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 28, 1944, Serial No. 570,056
2 Claims. (Cl. 173—269)

2. The combination with an insulated conductor having a central conducting core and an insulating cover, of a terminal contact on said conductor comprising a member having a central opening with an inturned flange which is forced on the end of said conductor with said flange embedded in the end of said insulating cover



around said core with the end of said core extending within said central opening, and solder applied to and covering the end of said core and the portion of said contact member around the central opening therein.

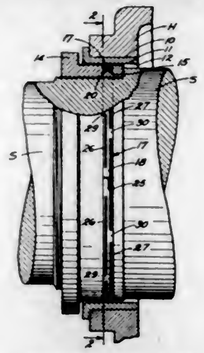
2,449,374
ELECTRIC DISCHARGE TUBE BASE
Pieter Harm Fennema, Johan George Kronouer, and Frits Prakke, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application July 16, 1946, Serial No. 684,088
In the Netherlands July 23, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires July 23, 1963
4 Claims. (Cl. 250—27.5)



1. An electric discharge tube base comprising a wall portion of insulating material, a plurality of electrical contact members secured to and extending through said wall portion, a pin member having a portion thereof secured within and extending from said wall portion, and a tubular contact locating member having one end portion abutting said wall portion and surrounding said pin member, said pin member being secured to said tubular member at the portion thereof remote from said wall portion.

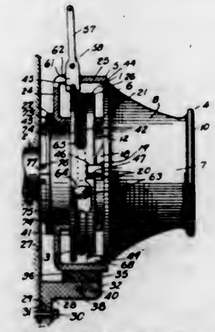
2,449,375
SHAFT SEAL
Fredrick G. Ferguson, Shaker Heights, and Ralph C. Thompson, Cleveland Heights, Ohio, assignors to Simplex Piston Ring Mfg. Company, a corporation of Ohio
Application February 26, 1945, Serial No. 579,758
1 Claim. (Cl. 286—11.16)

In a seal for preventing leakage of fluid between a rotating shaft and an opening through which the shaft extends, said shaft being provided with an annular groove, a transversely split metallic ring surrounding the shaft and having end faces in sealing engagement with the walls of said groove, said ring being provided with two rows of staggered circumferential slots to impart axial resilience thereto, and an expander spring disposed in said groove within said ring and expanding the ring outwardly, said ring being provided with an inwardly projecing bead disposed between said rows of slots and said spring engaging said bead at circumferentially spaced re-



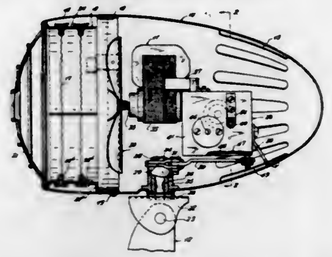
gions thereon, whereby the axial resiliency of said ring is not substantially impaired by the action of said spring.

2,449,376
CATHEAD
Orren M. Gahagan, Dallas, Tex.
Application March 23, 1945, Serial No. 584,341
3 Claims. (Cl. 254—173)



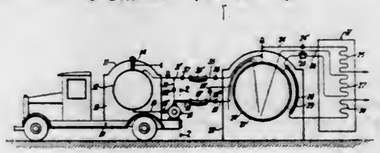
3. A device of the character described including a driving member having a bearing portion extending coaxially from a side thereof, a sheave control housing carried on the bearing portion, a sheave rotatable about the bearing portion and slidable axially thereof, said sheave having an annular flange at one side of a line groove in said sheave, means extending laterally from the driving member and sheave on facing sides thereof and adapted to interengage when the sheave is shifted laterally from an idle position toward the driving member to effect interengagement of said laterally extending means, a lever having a forked end engaging the annular flange, means for pivotally mounting the lever on the control housing to effect said shift of the sheave, throwout means on the control housing engageable with the means on the sheave to effect disengagement of said laterally extending means after a predetermied rotation of the sheave by the driving member and to effect return of said sheave to idle position, a jerk line having one end anchored to the sheave for winding about the sheave when the sheave is rotated by the driving member and to effect reverse rotation of the sheave upon disengagement of said laterally extending means, stop means on the control housing for limiting the extent of reverse rotation of the sheave about said bearing portion, and a latch carried by the control housing and engaging over said flange to retain the sheave in said idle position during any turning of the sheave incidental to manipulation of the jerk line prior to release of said latch from engagement with said flange.

2,449,377
OSCILLATING FAN HEATER
Lee B. Green, Lakewood, Ohio, assignor to Designers for Industry, Inc., Cleveland, Ohio, a corporation of Ohio
Application January 17, 1945, Serial No. 573,219
6 Claims. (Cl. 230—264)



1. In a device of the character described, a support, a housing pivoted on said support, an electric motor in said housing, a fan connected with said motor to be driven thereby, a reduction gear device in said housing and connected with said motor to be driven thereby and including a closed gear casing, linkage located in the housing and connected with said support and reduction gear device so as to cause oscillation of said housing, said reduction gear device having a releasable drive connection located in said gear casing and comprising cooperating toothed members one of which is shiftable to engage or disengage the other, a spring in said gear casing tending to hold the teeth of said members in meshing engagement, the form of said teeth and the pressure of said spring being such as to permit temporary slippage between said members when movement of said housing is obstructed, and a manually operable member projecting from said housing and also having an actuating portion extending into said gear casing for causing engagement or disengagement of said toothed members.

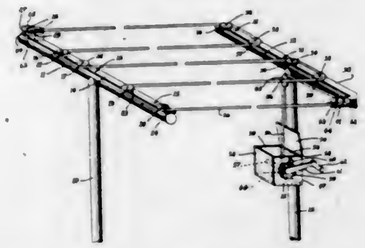
2,449,378
SYSTEM FOR DISPENSING A LIQUEFIED GAS
Odd A. Hansen, Kenmore, N. Y., assignor to The Linde Air Products Company, New York, N. Y., a corporation of Ohio
Application July 25, 1941, Serial No. 403,935
9 Claims. (Cl. 62—1)



1. In a system for dispensing a liquefied gas having a boiling point temperature at atmospheric pressure materially below 273° K., the com-

bination with a supply container having a space for holding gas and liquid therein and closable to the atmosphere, of consuming apparatus provided with a liquid receiving container having a space for holding gas and liquid therein and normally under pressure, valved means for establishing both gas and liquid phase transfer connections between the gas and liquid holding portions of said spaces in said containers, a rotary type pump in said liquid phase transfer connections, priming means for said rotary type pump leading to the gas space of said supply container, and means for establishing an additional transfer passage between the gas holding space of said receiving container and the liquid holding space of said supply container.

2,449,379
CLOTHESLINE SUPPORT
Frank J. Hencir, St. Paul, Minn.
Application March 12, 1945, Serial No. 582,354
1 Claim. (Cl. 211—119.15)



A clothes line support for use in combination with T-shaped clothes poles comprising a pair of relatively thin, flat, elongated strips, means at spaced intervals securing said strips in parallel relation to the cross arms of the T-shaped poles to be reinforced thereby, spaced pulleys mounted for rotation upon said strips, means on one end of one of said strips to which the end of the line may be anchored, a downwardly extending flange on the forward edge of the other of said strips at one end thereof, a horizontally extending flange projecting forwardly from the lower end of said downwardly extending flange, a pulley supported upon said horizontally extending flange, a pulley on the post of the T-shaped pole to which said other strip is attached, a shaft mounted on said one pole below said pulley, a ratchet on said shaft, a pawl on said one pole adjacent said ratchet and engageable therewith to prevent rotation thereof in one direction, and a crank on said shaft for rotating the same.

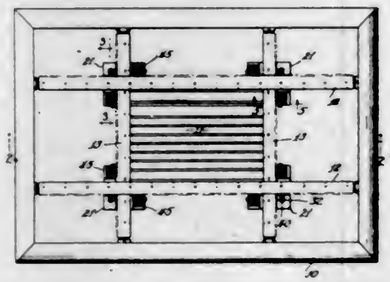
2,449,380
MORTAR CHARGE
Clarence N. Hickman, Jackson Heights, N. Y.
Application November 29, 1944, Serial No. 565,645
3 Claims. (Cl. 102—49)

1. In combination a projectile for a muzzle-loaded mortar, including an ogive front portion, a base portion having a tubular ignition cartridge holder secured thereto, a propellant charge supported on said holder comprising a first and second part, an ignition cartridge in said holder for igniting said first part, said first part of said propellant charge comprising a plurality of disc-like sheets of propellant material of a diameter substantially less than the diameter of said projectile, said second part of said propellant charge comprising a plurality of disc-like sheets of propellant material of a diameter equal substantially to the diameter of said projectile support on said holder to provide a snug fit with the mortar barrel whereby the high pressure developed by said first



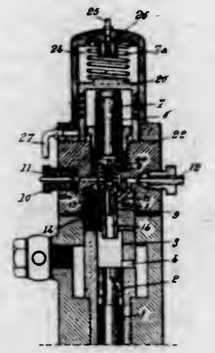
part will pack the laminations of said second part tightly against the base of said projectile to temporarily seal the flame path to the laminations of said second part, so that the laminations of said second part will be progressively ignited.

2,449,381
ADJUSTABLE FORM LOCKING CHASE STRUCTURE
Henry J. Hilland, Chicago, Ill.
Application December 12, 1946, Serial No. 715,764
11 Claims. (Cl. 101—393)



1. In a form locking-up device, a lock-bar adapted to lie across the space within a printer's chase, said lock-bar being adapted to engage one side of a form, and having rack teeth along one edge, a second lock-bar extending at right angles to the first mentioned lock-bar and in the space within the chase, and having rack teeth along one edge, a lock-up device slidably guided upon the last mentioned lock-bar, and having a hollow block formed thereon, arranged to engage the first mentioned lock-bar, and a pinion journaled in the block and meshing with the rack teeth of the second mentioned lock-bar, said pinion having a socket adapted to receive a tool for rotating the pinion, and bar locking means carried by the lock-up device and adapted to mesh with the teeth of the lock-bar with which the pinion meshes to prevent relative motion between the lock-up device and said lock-bar.

2,449,382
FUEL INJECTION DEVICE
Robert Huber, Paris, France, assignor of nine-tenths to Raul Pateras Pescara, Paris, France, and one-tenth to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland, a society of Switzerland
Application October 2, 1946, Serial No. 700,767
In France October 22, 1945
4 Claims. (Cl. 103—37)



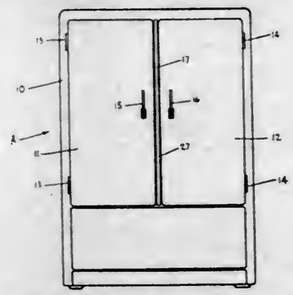
1. A fuel injection device which comprises, in combination, means forming an accumulator chamber for fuel under pressure, a piston pump for feeding fuel to said chamber, a delivery conduit for leading fuel from said chamber to a fuel injector, a valve adapted to control communication between said chamber and said conduit slidable in line with the pump piston and adapted to be pushed by it into opened position at the end of the inward stroke of said piston, and a check valve between said chamber and said pump.

2,449,383
BRAKE OR THE LIKE FRICTIONALLY ENGAGEABLE STRUCTURE
Willson H. Hunter, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application October 28, 1943, Serial No. 508,038
6 Claims. (Cl. 188—152)



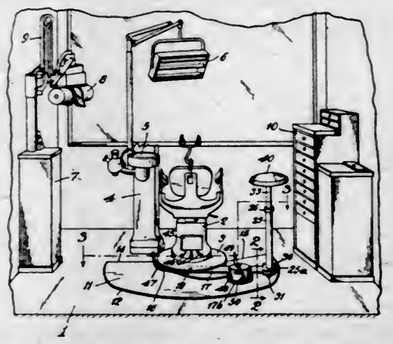
1. A brake or the like frictionally engageable structure comprising a torque frame, an expander tube in said frame, a series of friction blocks at a face of said tube, bowed retractor springs bearing on said blocks and extending axially across said frame, and means on said frame for supporting the ends of said springs while accommodating change of length of the springs during flexure thereof, the last said means comprising C-shaped elements hooked about the ends of said springs and about portions of said frame.

2,449,384
REFRIGERATOR MULLION CONSTRUCTION FOR PREVENTING CONDENSATION
Willis E. Hursey, Oak Park, and Gilbert Strunk, Glen Ellyn, Ill., assignors to Seeger-Sunbeam Corporation, St. Paul, Minn., a corporation of Minnesota
Application January 9, 1946, Serial No. 639,945
8 Claims. (Cl. 62—89)



1. A refrigerator comprising a cabinet body having a pair of door openings in one side thereof, a mullion in said body between said openings, a door in each of said openings, said doors being hinged to sides of said door openings opposite said mullion, marginal portions on said doors overlying portions of said cabinet side and mullion in closed positions of the doors, and a projecting member on said mullion projecting outwardly beyond said one cabinet side between said marginal portions of said doors.

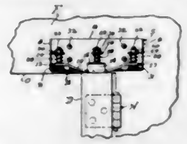
2,449,385
DENTAL CHAIR UNIT
Carroll W. Johnson, Chicago, and John T. Clark, Cicero, Ill.
Application September 17, 1945, Serial No. 616,834
2 Claims. (Cl. 32—22)



1. In a seat assembly for use with a vertically axised rotatable dental chair having a floor engaging base, a plate formed and adapted to be positioned beneath such base, said plate being adjustably fixed and frictionally held on the floor by the weight of the chair base, when positioned beneath such base, a horizontally extending arm member located adjacent the floor and pivoted to said plate for rotation about a center adjacent the edge of said base, a stool supported on the outer end of said arm, said plate being readily shiftable about the axis of the chair base to adjust the center of rotation of the arm about the center of the chair base, to vary the arc of swing of said

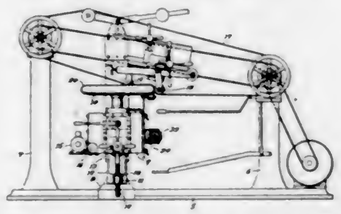
stool, and a control box mounted on and movable with said arm, said control box having movable control elements with parts extending laterally from said control box and located closely adjacent the floor level.

2,449,386
DOOR AND CLOSURE HOLDER
Francis Johnson, Detroit, Mich.
Application June 28, 1944, Serial No. 542,468
11 Claims. (Cl. 292—74)



1. A closure holder, comprising an approximately U-shaped bracket adapted to be affixed to a door frame, an elongated arcuately curved shoe member carried at its ends by the bracket arms and having its arcuately-curved intermediate portion extending through the gap between said arms adapted to engage the top edge of said closure adjacent the hinged end thereof, guide members carried by the bracket arms for slidably supporting each end of said shoe member, and resilient elements mounted on said arms for yieldingly urging said shoe member into frictional engagement with said closure, said resilient elements being mounted on the guide members and arranged to exert a downward pressure on each end of said shoe member.

2,449,387
AIR-BAG CLEANING AND BUFFING MACHINE
John Eric Johnson, West Hartford, Conn., assignor to National Sherardizing and Machine Company, Hartford, Conn., a corporation of Connecticut
Application March 12, 1946, Serial No. 653,901
2 Claims. (Cl. 51—145)



2. A machine of the character described for cleaning a rubber bag or the like comprising a supporting frame, a supporting member rotatable on a horizontal axis in said frame, a plate carried on said member, a carriage slidable vertically on said plate, a screw on said plate for slidably adjusting said carriage thereon, a table rotatable in a horizontal plane and mounted on said carriage for supporting a bag to be cleaned, means for rotating said table, an abrasive belt, means for carrying said belt and moving it across the top of said table and in a direction perpendicular to the axis of said member, and manually controlled gearing mechanism for tilting said carriage on the axis of the member in said frame to position the bag at different angles relatively to the belt.
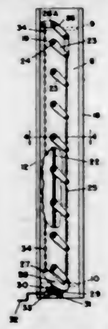
2,449,388
PROCESS OF FORMING COLORED IMAGES BY MEANS OF ARYL HYDRAZONES OF GLYOXYLIC ACID AMIDE
John David Kendall and Harold Gordon Suggate, Ilford, England, assignors to Ilford Limited, Ilford, England, a British company
No Drawing. Application May 24, 1946, Serial No. 672,160. In Great Britain June 8, 1945
4 Claims. (Cl. 95—88)

1. A process of colour photography which includes the step of forming a coloured image in a photographic emulsion layer carrying an image in a reducible silver salt by developing such image, in the presence of a caustic alkali and at a temperature of at least 20° C., by means of a compound of the general formula

$$R—NH—N=CH—CO—NH_2$$

where R is an aromatic nucleus, and thereafter removing residual silver and silver salts from the layer.

2,449,389
VENTILATING WINDOW
Walter Kiesewetter, Ferndale, Mich.
Application August 27, 1945, Serial No. 612,970
2 Claims. (Cl. 98—88)

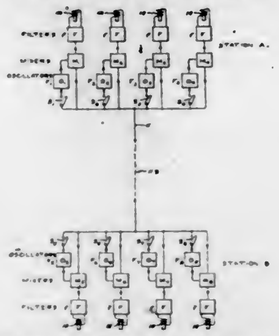


1. In a device of the character described, including a frame adapted to be mounted in a window opening, and having a plurality of panels of glass pivotally mounted therein, the combination of an arm secured to each panel pivot, coil springs connecting the adjacent arms, rocker arms at the top and bottom of each frame, a chain connecting the upper rocker arm to the lower rocker arm, and linkage connecting the upper rocker arm to one of said first named panel pivot arms, and linkage connecting the lower rocker arm to another of said panel pivot arms.

2,449,390
PROCESS FOR THE PRODUCTION OF HARD RUBBER
Richard Anderson Kirby, Croydon, England, assignor to Expanded Rubber Company Limited, Croydon, England
No Drawing. Application January 25, 1946, Serial No. 643,481. In Great Britain January 29, 1945.
5 Claims. (Cl. 18—53)

1. A process for the production of hard rubber-like materials which comprises heating a mix containing at least one substance selected from the group consisting of natural rubber and rubber-like materials capable of reacting with sulphur to produce vulcanised products, suitably compounded with vulcanising ingredients to form an ebonite product, the mass being surrounded by an inert fluid medium at the final vulcanization temperature and at a pressure of at least 1,000 lbs. per square inch to inhibit the formation of gas bubbles, the mass having previously been soft vulcanised in known manner under conditions precluding any substantial penetration by the surrounding medium so that it is capable of resisting any substantial penetration thereof by the surrounding fluid medium during the final vulcanization under pressure.

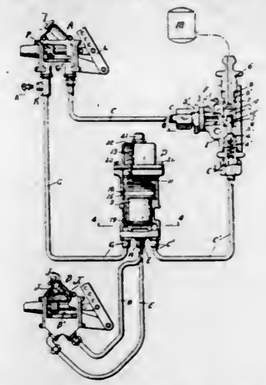
2,449,391
BIDIRECTIONAL SELECTIVE REMOTE CONTROL SYSTEM
León Kogane, Paris, France, assignor to General Electric Company, a corporation of New York
Application January 21, 1948, Serial No. 3,464
In France June 22, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires June 22, 1965
2 Claims. (Cl. 177—353)



1. A bi-directional selective remote control system comprising a pair of separated control stations, a plurality of oscillation generators at one station, a corresponding number of oscillation generators at the other station, the frequencies of the generators at each station differing from each other and from a selected beat frequency, said frequencies being so selected that the beat frequencies produced by combining any selected generator frequency at one station with any other generator frequency at either station include only one combination at said selected beat frequency and that with a generator frequency at the other station, a corresponding number of frequency converters at each station each having one input connected to a common signal transmission channel interconnecting said stations and a second input energized from a respective generator, a frequency-selective control circuit connected to the output of each of said converters, said circuit being adapted to respond to said selected beat frequency and substantially to attenuate other beat frequencies, and switching means for selectively impressing any one or more of said generator frequencies upon said common channel.

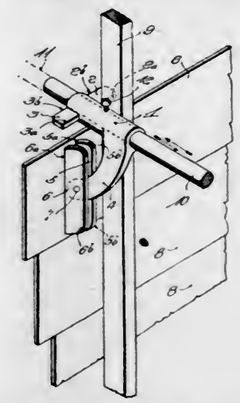
2,449,392
PULSATOR SYSTEM
Arthur E. Kremiller, Glendale, Calif., assignor to Adel Precision Products Corp., a corporation of California
Application May 25, 1945, Serial No. 595,752
5 Claims. (Cl. 60—54.5)

4. A valve means adapted to be connected in series in one line of a hydraulic system, said means comprising a valve body having a pair of communicating ports adapted to be connected to the adjacent ends of said fluid line and a third port adapted to be connected to a source of fluid supply, a check valve disposed between said pair of ports, a second check valve associated with said third port arranged to permit fluid flow



from said source of supply, and devices associated with said check valves operable in one position of adjustment to disable said first named check valve and to lock said second named check valve against its seat and in another position of adjustment to release both of said valves for free operation as check valves.

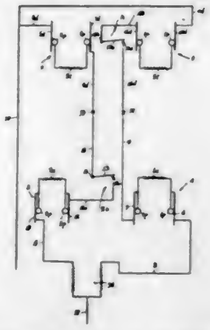
2,449,393
BOARD PRY
Eldon L. Krieg, South Whitley, Ind.
Application October 3, 1945, Serial No. 619,955
7 Claims. (Cl. 254—131)



1. A tool comprising a tubular member having a pair of integrally formed lugs projecting radially in a diametrical plane adjacent one end thereof, a lug integrally connected with the opposite end of said tubular member and extending radially therefrom in a plane substantially normal to the plane of the aforesaid lugs, a reversible prying lever insertable in either direction through said tubular member and a board-engaging member pivotally connected with said last-mentioned lug and operative to pry a board from nailed engagement with a joist about which one

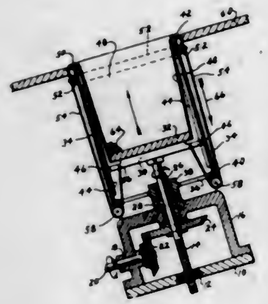
of said first-mentioned lugs moves as a fulcrum under forces applied by said reversible prying lever adjacent either end of said tubular member.

2,449,394
HOLDER FOR FLUORESCENT LAMPS
Eugene R. Kulka, Mount Vernon, N. Y.
Application March 17, 1945, Serial No. 583,221
1 Claim. (Cl. 315—96)



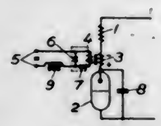
In combination, a pair of parallel holder casings, each holder casing having a pair of lamp sockets and a starter-casing-socket which is located between said lamp sockets, said holder casings being spaced longitudinally from each other along a longitudinal axis which extends through said starter-casing-sockets and being perpendicular to said longitudinal axis, each lamp socket of one holder casing being longitudinally alined with a lamp socket of the other holder casing to provide a respective longitudinally alined pair of lamp sockets, each lamp socket having an outer contact blade and an inner contact blade, only one inner contact blade of each lamp socket being an extended blade which is laterally extended towards the other inner contact blade of the respective holder casing into said starter-casing-socket to provide an additional contact blade in said starter-casing-socket, each said starter-casing-socket having a supplemental contact blade, said laterally extended inner blades being on opposite sides of said longitudinal axis, the two outer contact blades of one holder casing being connected to one power main of a source of alternating current, the two outer contact blades of the other holder casing being connected to the other power main of said source of alternating current, a starter-casing located in each said starter-casing-socket and having respective contacts which respectively contact with the respective additional contact blade and the respective supplemental contact blade, each said starter-casing having a movable and thermally controlled starter switch-blade which is permanently connected to the respective supplemental contact blade and which is biased to normally contact with the respective additional contact blade, the other and non-extended inner blade of each said holder casing being connected to the supplemental blade of the starter-casing socket of the other holder casing, two longitudinal ionic discharge lamps, each discharge lamp having a pair of external contact prongs at each end thereof and a filament connected between each said pair of contact prongs, each said lamp having a pair of said contact prongs located and held in a respective pair of longitudinally alined lamp sockets with each pair of external prongs contacting with a respective outer contact blade and an inner contact blade, said switch blades being movable to break the circuit between said additional contact blades and said supplemental contact blades when said lamps are sufficiently heated for direct discharge between their respective filaments.

2,449,395
FEEDING DEVICE HAVING FLEXIBLE TUBULAR WALL, WITH COMPOUND MOTION FOR PERIPHERAL DISCHARGE
Eino E. Lakso, Fitchburg, Mass.
Application June 23, 1944, Serial No. 541,792
11 Claims. (Cl. 222—169)



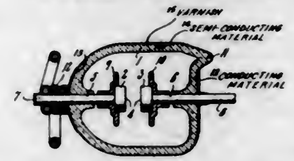
1. In a device of the class described, a container comprising a bottom and an attached flexible tubular wall and having an open end, substantially continuous means over which the open end of the tubular wall is trained, and means for causing the bottom to approach said first named means and simultaneously causing the flexible tubular wall to travel over said first named means in a direction opposite to the direction of movement of the bottom.

2,449,396
MEANS FOR INFLUENCING THE BLOCKING VOLTAGE IN CURRENT CONVERTER VALVES
Uno Lamm, Ludvika, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Västerås, Sweden, a corporation of Sweden
Application December 3, 1945, Serial No. 632,471
In Sweden December 23, 1944
13 Claims. (Cl. 315—284)



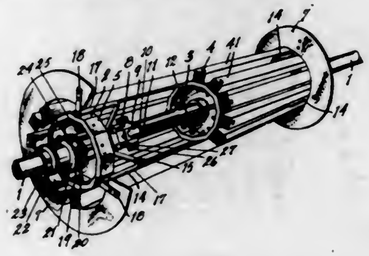
1. In a static current converter, a gas or vapor containing current path, an inductive reactor containing an iron core connected in series with said current path, and a substantially instantaneous admittance connected in parallel directly across said current path, the minimum inductance of said reactor in its unsaturated state being so dimensioned with respect to said admittance that said reactor absorbs a voltage giving a voltage time integral substantially corresponding to full reversal of the magnetization of said reactor core from positive to negative saturation.

2,449,397
ELECTRIC SPARK GAP
Richard W. Lamphere, Wilbraham, Mass., assignor to American Bosch Corporation, Springfield, Mass., a corporation of New York
Application January 31, 1945, Serial No. 575,418
6 Claims. (Cl. 250—27.5)



1. An electric spark gap comprising an envelope, electrodes mounted within the envelope, said electrodes being sufficiently closely spaced to each other to provide a spark gap, and a semi-conducting coating externally of and entirely enclosing said envelope, said coating being sufficiently conductive to conduct bound charges, but not sufficiently conductive to short circuit the gap, said semi-conducting coating being electrically connected with at least one of said electrodes.

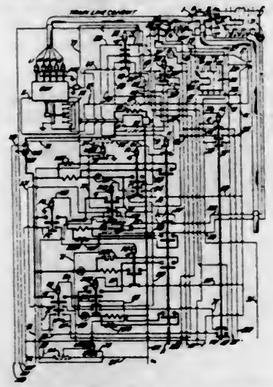
2,449,398
ADJUSTABLE HEADS FOR PAPER WINDING REELS
Leo Leas, Vicksburg, Mich., assignor to Lee Paper Company, Vicksburg, Mich., a corporation of Michigan
Application February 13, 1946, Serial No. 647,298
6 Claims. (Cl. 242—124)



6. In a winding reel, the combination of a shaft, reel head members and a reel spool element carried thereby, an annular flange embracing said spool element for adjustment axially thereof, a sleeve disposed on said shaft between said head members for axial adjustment, flange supporting brackets carried by said sleeve, and means for adjusting said sleeve from the outer side of one of said head members.

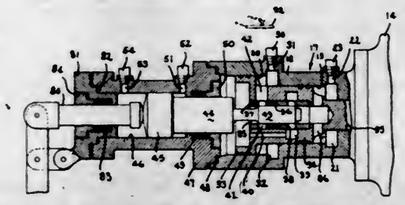
2,449,399
GENERATING ELECTRIC TRACTION AND CONTROL SYSTEM
Torsten O. Lillquist, Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 21, 1947, Serial No. 769,790
12 Claims. (Cl. 290—17)

5. A generating electric traction and control system for a locomotive comprising traction motors for driving the locomotive, motor excitation reducing means, a power plant for said motors, power plant output varying means, power connections including switching means for causing transition of the motor power connections between different power circuit relations with said power plant, control, interlocking and train line connections between said motor excitation reducing means, said power plant output varying means and said switching means to cause combined and sequential operations thereof for causing a reduction in the output of said power plant during transition of the motor power circuit relations and a reduction in the motor excitation for each power circuit relation, said control, interlocking and train line control connections including a manually operable master power output



controller, a manually operable master motor transition controller and automatic motor transition control means operable in response to electrical conditions in said motor power circuit relations, and a manually operable selector switch for rendering only said master transition controller effective for controlling said above described combined and sequential operations and for rendering the automatic transition control means effective for controlling said operations and at the same time rendering said master transition controller effective for forestalling certain of said operations.

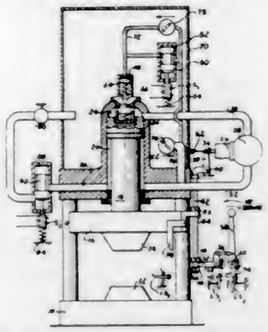
2,449,400
FOLLOW-UP TYPE SERVOMOTOR
Robert J. Lindsey, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del., a corporation of Delaware
Application October 7, 1942, Serial No. 461,209
2 Claims. (Cl. 121—41)



1. In a servomotor, a first differential piston, a first cylinder within which said first piston is reciprocable, said cylinder including fluid inlet means and fluid outlet means, a valve associated with said first piston for controlling the flow of fluid to and from said first cylinder, a second differential piston integral with said valve, a second cylinder within which said second piston is reciprocable, said second cylinder being coaxial with said first cylinder and attached thereto, a

rod member for abutting and actuating said second piston in one direction irrespective of fluid pressures acting thereon, an auxiliary piston slidable on said second piston for engaging and moving the same a predetermined distance in the other direction and having a greater effective area than said second piston, and valve means selectively operable for supplying actuating fluid to said pistons for moving said first piston into full stroke position at both ends of its travel and into short stroke position in one direction, and means for actuating said rod member from outside said cylinders to move said first piston into a neutral position in the said one direction.

2,449,401
APPARATUS SELECTIVELY OPERABLE AS A PRESS OR AS A DROP HAMMER
Robert J. Lindsey, Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application March 24, 1945, Serial No. 584,569
11 Claims. (Cl. 60—52)

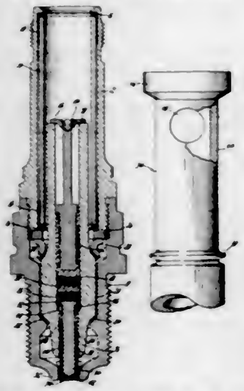


10. In a fluid operable apparatus which is adapted for use as a press or as a drop hammer, a reciprocable platen having advancing and retracting means, a fluid source connected with said means; control means movable into a first position to bring about the supply of fluid from said source to said advancing means and into a second position to bring about the supply of fluid from said source to said retracting means, a surge valve connected between said advancing means and a reservoir, fluid operable means connected with said retracting means and responsive to a predetermined pressure therein for actuating said surge valve into open position, and means of maintaining said surge valve open to permit operation of said ram as a drop hammer comprising normally open valve means between said fluid operable means and said retracting means, and means selectively operable for closing said valve when said surge valve is open.

2,449,402
PROCESS FOR SEPARATING AROMATIC HYDROCARBONS FROM A HYDROCARBON MIXTURE
Moses Robert Lipkin, Philadelphia, and Alfred E. Hirschler, Drexel Hill, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application January 24, 1944, Serial No. 519,528
2 Claims. (Cl. 260—674)

1. A cyclic process for separating aromatic hydrocarbons from a hydrocarbon mixture containing aromatic and non-aromatic hydrocarbons and boiling within the boiling range of gasoline and kerosene which comprises treating said mixture in liquid phase with activated carbon to preferentially adsorb aromatic hydrocarbons therefrom and to yield a liquid of lowered aromatic content, then washing the used adsorbent, at ordinary temperature and without heating, with an essentially non-aromatic hydrocarbon liquid other than said liquid of lowered aromatic content, in sufficient amount to substantially desorb the aromatic hydrocarbons and to simultaneously reactivate the adsorbent for re-use, said essentially non-aromatic hydrocarbon liquid being the sole desorbing agent employed, withdrawing from the adsorbent a liquid mixture of desorbing agent and aromatics, and then, while the adsorbent is still wet with desorbing agent, directly re-using the adsorbent for further separation of aromatics in the manner specified.

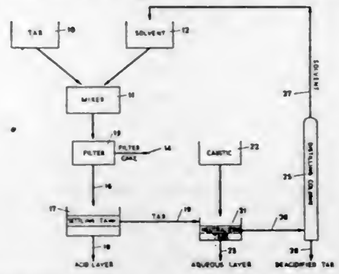
2,449,403
SPARK PLUG ELECTRODE
Taine G. McDougal, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 2, 1945, Serial No. 586,132
6 Claims. (Cl. 123—169)



2. In a spark plug, an insulator having a bore and an internal ledge in said bore, a tubular electrode in said bore having an exposed closed lower end and an open upper end within said bore, a shoulder on said electrode adapted to engage the ledge in said bore and a shank portion of smaller diameter than said bore between said shoulder and said exposed lower end of said electrode to provide an annular space between said electrode and bore, an opening through the wall of said electrode adjacent said shoulder, and a material of relatively high heat conductivity cast within said electrode and extending through said opening and filling said annular space between the electrode and the bore in the insulator.

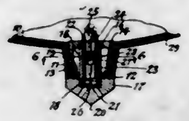
2,449,404
TREATMENT OF ACID TARS
Robert J. Miller, Berkeley, Calif., assignor to California Research Corporation, San Francisco, Calif., a corporation of Delaware
Application August 2, 1945, Serial No. 608,489
4 Claims. (Cl. 196—148)

1. A process for producing acid-free tar from an emulsified acid tar derived by hydrolyzing in the presence of water and steam an acid sludge resulting from the treatment with sulfuric acid of a petroleum stock boiling in the boiling range of gasoline and kerosene to produce and separate thereby a dilute acid layer and a layer comprising said emulsified acid tar, which comprises mixing the emulsified acid tar with a solvent therefor consisting predominantly of a mixture of aromatic hydrocarbons boiling in the range of about 340° to 470° F., adding a small amount of



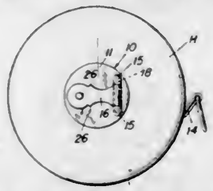
diatomaceous silica filter aid to the resulting mixture and then passing it through a filter, permitting the filtrate to settle whereby it separates into an upper relatively acid-free tar layer and a lower relatively acid rich aqueous layer, separating the two layers and neutralizing residual acid in the tar layer with caustic, subjecting the neutralized tar to distillation to separate the solvent and to recover acid-free tar as a product.

2,449,405
AIR PROPELLED TOP
Joseph R. Mordan, Alden, N. Y.
Application August 24, 1946, Serial No. 692,831
9 Claims. (Cl. 46—67)



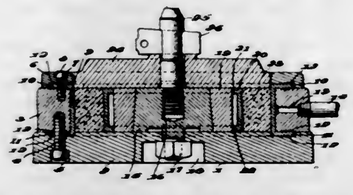
1. An air-jet propelled top, comprising an elastic inflatable bag provided on its underside with a tubular neck, a peg which is connected with said neck and upon which the bag is adapted to turn, an air inlet valve device mounted on said peg and neck, and means for discharging air tangentially from said bag.

2,449,406
MEASURING TAPE REEL HOUSING CONSTRUCTION
Frank J. Mortimer, Blue Point, N. Y., assignor to Justus Roe & Sons, Patchogue, N. Y.
Application January 31, 1948, Serial No. 5,535
4 Claims. (Cl. 242—84.8)



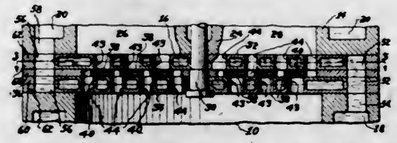
1. A rotary winding reel for measuring tape housings, said tape reel comprising a circular base, an annular winding flange formed integrally with said base, an arm pivoted externally of said base adjacent one end thereof, a handle element fixed to the free end of said arm, said circular base being apertured for the reception of said handle element in the folded position of said arm, an integral hub extending inwardly of said base and centrally of said winding flange, and a clamping member fixed to said hub and serving to retain the inner end of the measuring tape, said clamping member having integral yieldable means projecting outwardly thereof, whereby to releasably engage said handle element in the folded position of said arm and to allow manual engagement of said handle element in the extended position of said arm.

2,449,407
APPARATUS FOR FORMING GRINDING WHEELS
David E. Mulholland, Fort Myers, Fla., assignor to Walter S. Mulholland, Reading, Pa.
Application May 24, 1943, Serial No. 488,255
5 Claims. (Cl. 18—5)



1. An apparatus for forming a grinding wheel involving a mold having a disc-like cavity for receiving a mixture containing abrasive material; said mold comprising a base having an upstanding frusto-conical member rigid therewith and adapted to center a hub of said wheel within said cavity, a circular side wall of uniform diameter coaxial with and spaced from said frusto-conical member, means firmly securing said side wall to said base, a ring firmly secured to said side wall, an elastic lining embracing the inner area of said side wall and being clamped between said base, and ring at opposite ends of said wall, and a cover bearing upon and being removably secured to said frusto-conical member; said cover fitting neatly within said ring.

2,449,408
COMPRESSOR
Julius Naab, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y., a corporation of New Jersey
Application September 13, 1945, Serial No. 616,084
2 Claims. (Cl. 230—212)



1. A compressor comprising a cylinder having wall passages for the flow of cooling water, a detachable head having passages for the flow of cooling water, a valve assembly including a pair of seating members having a plurality of air ports and valve plates for said air ports, said seating members being hollow to define cooling water passages extending between the walls of

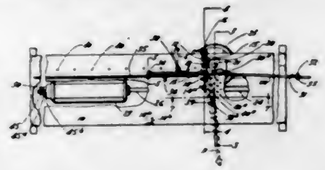
the said air ports, and inlet and outlet openings in the seating members to afford communication between the interiors of the seating members and the passages in said head and said cylinder.

2,449,409

BENDING MACHINE WITH PIVOTED BENDER CARRYING A WORK SUPPORTING ARM

Wilber E. Pettersen, Akron, Ohio, assignor, by mesne assignments, to Coleman-Pettersen Corporation, Cleveland, Ohio, a corporation of Ohio

Application November 19, 1945, Serial No. 629,437
5 Claims. (Cl. 153—20)



3. A bending machine comprising stationary members for engaging opposite faces of a length of wire to maintain the position of a portion of the wire, a pivotally mounted bending member for coacting with said stationary members for bending the wire, means for moving said bending member about its pivotal axis for bending the wire and work-supporting means pivotally mounted on the same axis with the bending member for movement therewith and engaging the moving portion of the wire at a position more remote from the bending position than is that of said bending member, the said work-supporting member having a face for forcing the wire in the direction of the bending movement and said face being, at starting position, so off-set as to hold the wire under a light bending strain, within its elastic limit, before the functioning of said bending member.

4. A bending machine comprising stationary members for engaging opposite faces of a length of wire to maintain the position of a portion of the wire, a movable bending member for coacting with said stationary members for bending the wire, means for applying a determinately limited actuating force to said bending member, and stop means engaging the wire only and always at a position farther from the bending position than that of the bending member's wire-engaging part and acting wholly by applying only bending force to the moving portion of the wire and being the only means for stopping the movement of the bending member.

2,449,410

PROTECTIVE DEVICE FOR HORSES' LEGS

John Polinsky, Cleveland, Ohio

Application May 10, 1947, Serial No. 747,265
1 Claim. (Cl. 54—82)

A protective stocking for a horse's leg, and particularly adapted to protect said leg in the vicinity of a joint, said stocking being of an elastic woven mesh fabric material characterized by resilient form fitting properties, said stocking being adapted to extend from above the knee joint to a point just above the hoof, said stocking being of seamless, single ply weave through a major portion of its length, but in the neighborhood of said knee joint being woven to a separable double ply throughout a substantial portion of its circumferential periphery whereby to provide a pocket between the plies in said neighborhood, said pocket retaining therein a pad of resilient material of rubberlike characteristics, high compressibility, and light weight, said pad being of substantial thickness near its mid portion, and tapering downwardly therefrom towards



its peripheral edge, whereby to protect the knee joint encased in said stocking from injuries caused by accidental leg impacts with hard objects.

2,449,411

METHOD OF PREPARING SYNTHETIC SPICE

Gustav H. Rapaport, Kansas City, Mo.

No Drawing. Application March 5, 1945, Serial No. 581,185
9 Claims. (Cl. 99—140)

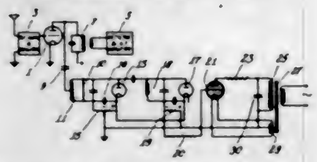
1. The method of preparing a synthetic spice which consists in heating cereal grain flour in the presence of moisture until the natural sugars of the cereal grain flour have been caramelized and said flour rendered substantially insoluble when incorporated in bakery products, cooling the caramelized cereal grain flour, and adding a spiced oil and incorporating the same into the caramelized cereal grain flour.

2,449,412

TUNING INDICATOR FOR INDICATING RESONANCE OF AN ELECTRIC CIRCUIT

Gerhard Rathenau, Arie Andries Kruithof, and Joseph Andries Hartveld, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee

Application February 8, 1947, Serial No. 727,440
In the Netherlands July 26, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires July 26, 1964
4 Claims. (Cl. 250—40)



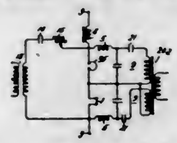
1. A device for indicating resonance of an electric circuit, particularly of the type employed in radio circuitry, comprising a tunable electric circuit, a dial and a movable index associated with said tunable electric circuit to indicate the setting thereof, a grid-controlled gaseous discharge tube mounted on said index, means to excite said gaseous discharge tube to provide a glow discharge therefrom, a first resonant circuit loosely coupled to said tunable electric circuit to produce a first voltage proportional to the voltage across said electric circuit, said first resonant circuit having a low damping, means to rectify said first voltage to produce a first potential proportional to the voltage across said tunable electric circuit, a second resonant circuit loosely coupled to said rectifying means to produce a second voltage proportional to the voltage across said tunable electric circuit, said second resonant circuit having a high damping, means to rectify said second voltage to produce a second potential proportional to the voltage across said tunable electric circuit, and means to apply said second potential to the grid of said gaseous discharge tube to modulate the glow discharge thereof to indicate resonance of said electric circuit.

2,449,413

SENSITIVE DIRECT-CURRENT MEASURING APPARATUS

Theodore A. Rich, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application July 11, 1945, Serial No. 604,398
4 Claims. (Cl. 179—171.5)



1. In direct current responsive apparatus, a monode comprising a bulb containing an atmosphere of hydrogen and a platinum resistance wire of the order of 0.0002 in. in diameter and $\frac{3}{16}$ in. long connected between similar platinum lead-in-wires, a high frequency oscillator supplied from a low frequency source by means of which the output of the oscillator is modulated and restricted to operation in alternate half-cycles of the low frequency source, connections for including the monode in the output circuit of said oscillator whereby the resistance wire thereof is alternately heated and allowed to cool during alternate half-cycles of the low frequency source, connections for including said monode in a direct current circuit such that a D.-C. voltage appears across the monode terminals proportional to current flow in the direct current circuit which voltage has a cyclic variation corresponding to the changes in the temperature and resistance of said wire, an alternating current circuit tuned to the frequency of the low frequency source excited by the D.-C. voltage variation across said monode, the circuit constants of the high and low frequency circuits associated with said monode being such that the corresponding currents are confined to their respective circuits and the flow of direct current therein is prevented.

2,449,414

LIGHTER

James F. Rogers, Rocky River, Ohio

Application August 28, 1945, Serial No. 613,052
6 Claims. (Cl. 67—7.1)



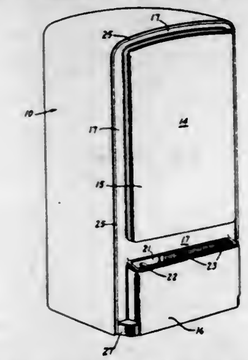
3. In a lighter of the character described, a casing having a compartment for absorbent material adapted to be saturated with inflammable fluid, a wick extending into said compartment from exteriorly of said casing, a sparking mechanism carried by said casing and including a combined sparking and ratchet wheel provided on its periphery with serrations and with circularly spaced ratchet teeth, a spring pressed flint carried by said casing and projecting exteriorly thereof adjacent to said wick and cooperating with the periphery of said wheel and engaging in one of said ratchet teeth when said wheel is idle, and means for rotating said wheel including a pawl operatively cooperating with the ratchet teeth of said wheel.

2,449,415

REFRIGERATOR CABINET CONSTRUCTION

Theodore W. Rundell, Abington, Pa., assignor to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania

Application February 6, 1948, Serial No. 6,760
7 Claims. (Cl. 62—116)



1. In a refrigerator, a cabinet having a plurality of compartments therein, one of said compartments being adapted to house a condensing unit, and a panel structure associated with a side of said cabinet, said panel structure including a sheet having a recessed portion extending outwardly of the cabinet and having marginal portions secured to adjacent portions of said cabinet, and said recessed portion being so positioned as to comprise wall structure for the said one compartment and being apertured in an upper region thereof, whereby said recessed portion comprises a flue adapted to promote flow of cooling air in heat exchange relation with a condensing unit disposed within said one compartment.

2,449,416

ARTIFICIAL FUR FABRIC

Moses J. Schifrin, Laurelton, N. Y.

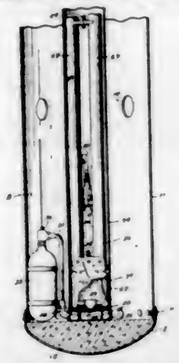
Application December 7, 1946, Serial No. 714,831
5 Claims. (Cl. 2—278)



1. An artificial fur fabric having the appearance of Persian lamb comprising a base of pliable sheet material one surface of which has attached thereto, so as substantially to completely cover it, separate surfacing materials of two different characteristics, one of said materials being characterized by a continuous surface wrapping of

continuous filaments and the other of said materials being characterized by curled short fibers whose ends are exposed, said materials being applied flat upon said base in sinuous paths in side-by-side relationship.

2,449,417
BUOYANT GROUND STATION
Arthur B. Schultz, Wilmington, Del., assignor to All American Aviation, Inc., a corporation of Delaware
Application September 25, 1946, Serial No. 699,104
6 Claims. (Cl. 258—1.2)



6. In a ground station for air pick-up from a body of water, a tube, a slide in said tube, means to admit fluid under-pressure beneath said slide to cause it to move upwardly in said tube, a pair of telescopic arms in spaced relation carried by said slide, each of said arms including a hollow lower section and an upper section, conduits establishing communication between said hollow lower sections and the underside of said slide whereby said fluid under-pressure is conducted to said hollow lower sections to cause extension of said telescopic poles, a toggle between said lower sections, a spring connecting the mid-point of said toggle to said slide, and a conical guide carried to the upper end of said tube and adapted to cooperate with said arms and toggle to cause said arms to assume a diverging relation in extended position.

2,449,418
RUBBERY DIOLEFIN POLYMERS CONTAINING PROCESSING AIDS
William Henry Sharkey, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 13, 1945, Serial No. 616,151
10 Claims. (Cl. 260—30.8)

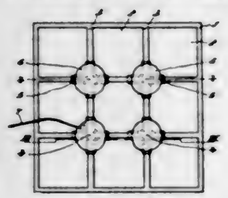
1. A composition of matter comprising a synthetic, rubbery, high molecular weight, conjugated diolefin polymer wherein the conjugated diolefin is present in major amount together with from 0.5 to 10%, by weight of said polymer, of an aliphatic alpha-(acylthio) carboxylic acid.

2,449,419
SAFETY LATCH
Aaron Shatkin, Matawan, N. J.
Application January 10, 1944, Serial No. 517,647
6 Claims. (Cl. 24—162)

1. In an article of the character described, a frame, a link, means on the frame holding said link in swingable and slidable relation to the frame, a pin pivotally secured at one of its ends to the link; the axes of rotation of the pin with respect to the link and of the link with respect to the frame being parallel, a member having a socket carried by the frame; the free end of the pin being adapted to be positioned within said socket; and an element carried by the frame in engagement with said link whereby the link is held against rotary movement and against sliding movement away from the socket; said link being adapted to be slid towards the socket until released from the engagement element and free for rotary movement about its axis on the frame; the pin, when its free end is within the socket, moving further into the socket during movement of the link away from the engagement element, and the pin becoming free of the socket, upon movement of the link about its axis on the frame in a direction away from said socket.



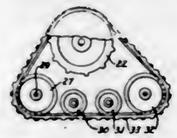
2,449,420
ELECTRODE SYSTEM
Paulus Antonius Wilhelmus Maria Sleegers, Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee
Application September 20, 1945, Serial No. 617,579
In the Netherlands March 28, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires March 28, 1962
8 Claims. (Cl. 175—366)



1. A blocking layer electrode system comprising a supporting base, a common electrode carried on said base, a blocking layer formed on said common electrode, a plurality of electrodes on said blocking layer and insulated each from one another by strips of said blocking layer, electrically conductive members interconnecting said electrodes, and a supporting layer of insulating material interposed between each of said conductive members and said blocking layer strips which insulate said electrodes one from the other.

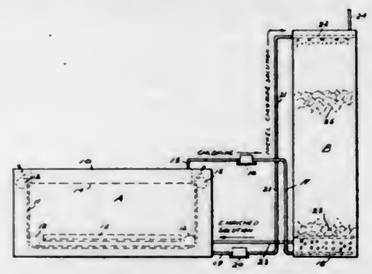
2,449,421
TRACK FOR VEHICLES
Charles O. Slemmons, Akron, and Robert W. Smith, Copley, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application July 30, 1945, Serial No. 607,690
3 Claims. (Cl. 305—10)

1. A track for a self-laying track type vehicle, said track comprising laterally spaced-apart flexible bands of rubber-like material, longitudinal flexible tension members embedded in each band, and cross-bars extending laterally between the bands at longitudinally spaced intervals providing sprocket-engaging portions intermediate said bands, said cross-bars each comprising a strip of metal having plain-faced portions extending



across the tension members of the bands between said tension members and the peripherally inner face of the track and having portions in the region of its ends bent outwardly beyond the tension members toward the tread face of the track and terminating in free ends within the rubber-like material of the bands.

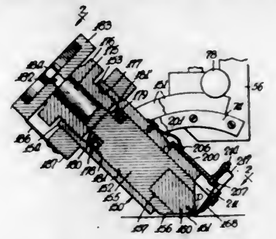
2,449,422
ELECTRODEPOSITION OF NICKEL
Leslie N. Smith, Cleveland Heights, Ohio, assignor to The Harshaw Chemical Company, Elyria, Ohio, a corporation of Ohio
Application April 15, 1944, Serial No. 531,163
2 Claims. (Cl. 204—49)



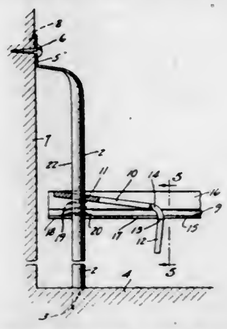
1. A plating process adapted for utilization of difficultly soluble masses of electrolytic nickel metal in electrodeposition of nickel comprising the steps of electrodepositing nickel from a body of acid nickel electrolyte containing nickel chloride whereby chlorine is evolved and the nickel chloride concentration of said electrolyte tends to be reduced and adding nickel chloride to said electrolyte to counteract the tendency to reduced concentration thereof by passing chlorine so evolved and electrolyte from said body of electrolyte containing nickel chloride equivalent to from 75 to 350 grams per liter of $NiCl_2 \cdot 6H_2O$ into simultaneous contact with masses of difficultly soluble electrolytic nickel whereby to dissolve nickel from such masses as nickel chloride and returning such electrolyte with its resulting increased nickel chloride content to said body of electrolyte.

2,449,423
BEZEL DOP AND GRINDING DEVICE
Josef Hillel Spira, New York, N. Y.
Application September 1, 1943, Serial No. 500,775
13 Claims. (Cl. 51—229)

1. In a dop provided with means for rotationally mounting a gem with the girdle portion exposed, the combination comprising a girdle guide movable during rotation of the gem in accordance with any eccentric location thereof, a contact arranged to diametrically extend across said gem, said contact being mounted to move in synchronism with said guide whereby to gauge the distance for cutting a facet on said gem.



2,449,424
ADJUSTABLE FRICTION SUPPORTING DEVICE
Frank C. Stieber, Marathon, Wis.
Application November 25, 1946, Serial No. 712,103
7 Claims. (Cl. 248—295)

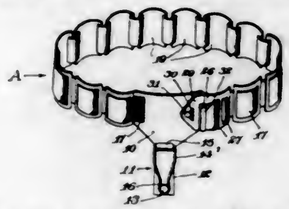


1. An adjustable support comprising a friction link having a post-receiving aperture adjacent one end and opposed laterally-projecting load-bearing tongues adjacent its other end, a supporting post extending through the aperture of the friction link and mounting said link for sliding movements thereon, and a beam having an aperture adjacent one end through which the tongue-equipped end of the friction link extends, portions of the beam adjacent opposite edges of the said beam aperture being seated upon the said load-bearing tongues of the friction link, said beam aperture being of sufficient length in a direction longitudinally of the friction link to receive the tongue-equipped end of the friction link when the friction link is turned approximately at right angles to its operative position.

2,449,425
GARTER
Philip J. Stieger, St. Paul, Minn.
Application January 5, 1946, Serial No. 639,382
1 Claim. (Cl. 2—314)

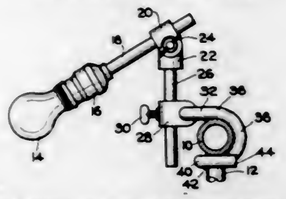
A garter comprising a flexible resilient band designed to encircle a limb, an arch of relatively rigid material having a radius of curvature substantially smaller than that of the limb mounted on said band, each arch having a pair of generally parallel slots at each end thereof, one of the slots of each pair communicating with one curved edge of the arch, and the other slot communicating with the opposite curved edge of

said arch, the band underlying the concave surface of said arch between the parallel ends of the arch and the outermost slots overlying the convex surface of the arch between the slots of



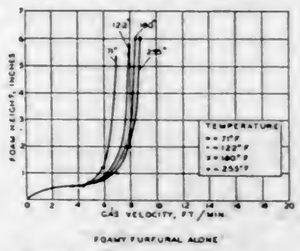
each pair, and underlying the arch between the innermost slots, said innermost slots being spaced sufficiently from the ends of the arch to space the portion of the band underlying the center of the arch from the surface of the limb.

2,449,426
SUPPORT FOR BED LAMPS
Carol L. Strauss, Bangor, Maine
Application June 7, 1945, Serial No. 597,986
2 Claims. (Cl. 248—230)



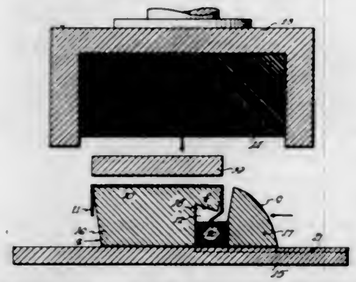
1. A bed lamp or the like comprising a bracket having a closed end and a pair of parallel legs, a lamp rod support on the closed end, a lamp rod longitudinally adjustable in the support, the latter being angularly adjustable on the closed end of said bracket, a pair of parallel hooks at the ends of the legs, and oppositely extending lateral projections at the ends of the hooks, the latter and projections forming continuations of the legs of the bracket.

2,449,427
FOAM PREVENTION IN EXTRACTIVE DISTILLATION OF HYDROCARBONS WITH FURFURAL SOLVENT
George Thodos and Charles F. Weinaug, Borger, Tex., assignors to Phillips Petroleum Company, a corporation of Delaware
Application July 28, 1944, Serial No. 547,078
4 Claims. (Cl. 202—39.5)



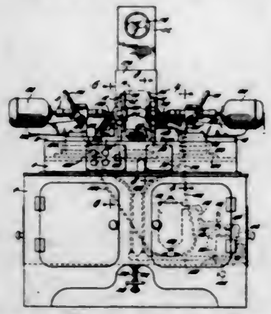
1. In the extractive distillation of hydrocarbons with furfural as a solvent wherein the furfural becomes contaminated with foam-producing substances, the improvement which comprises suppressing foaming by admixing with the furfural used as the solvent beeswax in amount which is substantially in excess of its solubility in said furfural.

2,449,428
DIE ASSEMBLY AND RUBBER INSERT FOR FLANGING SHEET METAL
Amieal A. Timmons, McKinney, Tex., assignor of ninety-eight per cent to Wayde Timmons, McKinney, Tex.
Application June 28, 1944, Serial No. 542,519
5 Claims. (Cl. 153—13)



5. Complementary die elements for forming a return flange on a work sheet, in combination with the rubber platen of a hydraulic press, including a forming element of non-yielding material supporting the work and recessed at one end to define an overhanging ledge having an upwardly receding undersurface for underturning an end of the work in the primary operation of said platen, means composed of yieldable material insertable beneath the underturned end of said work preliminary to renewed operation of said platen, and means constrained by said platen in its secondary operation to advance laterally against said latter means to compress the same to fill the void below said ledge and exert pressure upwardly against the underturned end of said work counter to the operative pressure imposed by said platen to complete said flange.

2,449,429
BALANCING MACHINE
Thomas C. Van Degrift, Andrew W. Zmuda, and Earl F. Riopelle, Detroit, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 8, 1943, Serial No. 513,420
10 Claims. (Cl. 77—21)



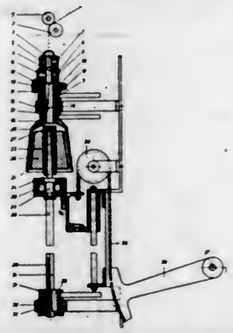
2. In a balancing machine, the combination of a pair of spaced supports adapted to receive the part to be balanced and permit rotation therefor, means at opposite ends of said part for removing material therefrom, a shiftable mounting for each of said means to permit it to be moved into and out of operative position, means for straddling the part and backing it up while material is being removed therefrom, a shiftable mounting for said last-named means to permit it to be moved into and out of operative position, and means for interconnecting the shiftable mounting for said first-named means and the shiftable mounting for said backing up means to cause said backing up means to move to operative position when said material removing means is moved to operative position.

2,449,430
COMB
August L. Voight, Berea, Ohio
Application May 3, 1947, Serial No. 745,748
5 Claims. (Cl. 132—24)



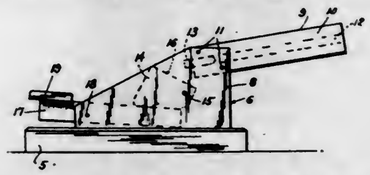
1. A comb comprising a body strip, a series of straight teeth extending from said strip, and a series of arcuate teeth extending from said strip substantially laterally of said series of straight teeth, the convex sides of said arcuate teeth being disposed toward the free ends of said straight teeth.

2,449,431
SPINNING MACHINE
Eduard Weiss, Brunn, Czechoslovakia
Application June 4, 1946, Serial No. 674,277
In Czechoslovakia September 9, 1945
5 Claims. (Cl. 57—74)



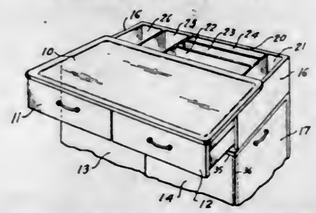
1. In a continuously operated spinning apparatus a pair of vertically superposed horizontal twisting rolls to receive a roving therebetween said roving passing to and from said rolls in a substantially vertical direction, means to rotate said rolls about their horizontal axes and simultaneously about the vertical feeding direction of the roving, a yarn-winding device located underneath said pair of rollers said device including a sleeve-supported tube to receive the yarn and a spindle carrying said tube, a bell downwardly extending from said lower twisting roll and rotatable therewith about said vertical feeding direction and encasing said yarn winding device to conduct the yarn from the twisting rolls onto said tube and means to rotate said spindle independently of the rotation of said bell.

2,449,432
TOY CANNON
Jonathan C. Wheeler, Dayton, Ohio
Application March 22, 1945, Serial No. 584,068
1 Claim. (Cl. 124—29)



A toy cannon comprising a base including a pair of upstanding spaced apart supports, a barrel secured to said supports and having a bore adapted to receive a missile in a position with one end of the missile projecting from the rear end of the barrel, a flat hammer pivoted at one end to said supports to swing one end upwardly about a horizontal axis to strike the missile, and a lever pivoted to the supports with one end underlying the hammer and adapted to swing said end of the hammer upwardly when a blow is struck upon the other end of the lever.

2,449,433
CABINET HAVING COMBINED SLIDABLE TOP AND DRAWERS
Juanita K. Wheelock, Pleasant Ridge, Mich.
Application November 29, 1944, Serial No. 565,595
3 Claims. (Cl. 312—150)

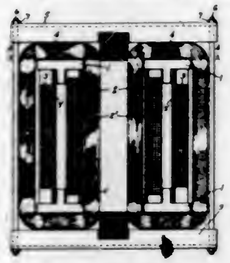


1. A kitchen utility cabinet comprising a supporting frame, a top wall, means on said top wall to form drawer slides, drawers hung from said means and slidable under the forward part of the top wall leaving free space below the top wall at the rear of the drawers, said top wall being slidable on said frame to a position forward of the frame, storage wells immediately below the rear portion of the top wall when it is in normal closing position and behind and at the level of the drawers, said wells being exposed when the top wall is shifted.

2,449,434
COMBINATION COIL SUPPORT AND SPACER
Lawrence C. Whitman, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application March 15, 1945, Serial No. 582,841
1 Claim. (Cl. 175—362)

In combination, with an induction apparatus having a pair of coaxial cylindrical coils on a central winding leg of a magnetic core which has a plurality of top and bottom yoke portions ex-

tending past the ends of said coils, of a plurality of T-shaped insulating members, the leg of each T-shaped member being inserted between said coils, the cross piece of each T-shaped member



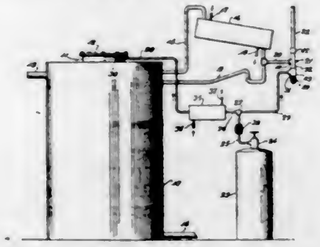
being wedged between the ends of said coils and a different one of said yoke portions whereby said T-shaped members act as top and bottom supports for both coils and also act as spacers between said coils.

2,449,435
FORM SELECTOR FOR DENTURE PROSTHESIS
Winthrop C. Whittemore, Port Washington, N. Y., assignor to The Dentists' Supply Company of New York, New York, N. Y., a corporation of New York
Application February 1, 1946, Serial No. 644,866
9 Claims. (Cl. 32—71)



1. A form selector for denture prosthesis comprising a telescopic eye-piece, a transparency associated with the eye-piece having coordinate guide lines thereon, and an arm extending from the eye-piece substantially in the plane of the line of sight thereof for spacing the eye-piece from the face of a patient.

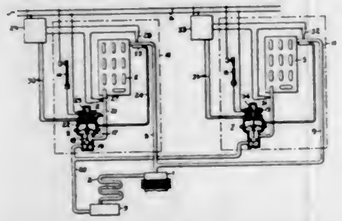
2,449,436
METHOD AND APPARATUS FOR PREVENTING EXPLOSIONS
Hilding V. Williamson, Chicago, Ill., assignor to Cardox Corporation, Chicago, Ill., a corporation of Illinois
Application June 9, 1945, Serial No. 598,566
10 Claims. (Cl. 169—1)



1. A method of preventing the development of a vapor and air explosive mixture during periods when a normally closed vapor confining container, having a vent to the atmosphere for excess vapor, is directly opened to the surrounding atmosphere, comprising maintaining a source of supply of an inert gas under pressure, and, during a period starting in advance of opening the container and continuing as long as the container is open, discharging a portion of said gas through the vapor vent of the container in suction producing relation to the latter to create and maintain a negative pressure therein, and simultaneously discharging additional gas across the container opening to form a curtain that will prevent the escape of vapor from the container through the opening and will dilute the vapor in the container to such an extent that an explosive mixture will not be formed in the container.

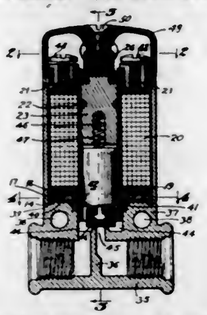
6. An explosion prevention system, comprising the combination with a vapor confining container having a manway opening normally closed by a cover that is removed periodically to open up the container to the atmosphere and having a vent line extending to the atmosphere for discharging excess vapor, of a source of supply of an inert gas under pressure, discharge piping for the gas having branches leading to the vapor vent line and to the manway opening, respectively, of the container, an aspirator connected to one of the branches and in the vapor vent line and operating when the manway cover is removed to create a suction in the vent line for withdrawing vapor from the container to produce a negative pressure in the latter, a valve normally closing the gas discharge opening of the aspirator, means operated by the delivery of gas to the aspirator for opening said valve, means connected to the other branch for discharging gas into the uncovered manway so that the gas will be drawn into the container as a result of the negative pressure in the latter, and control means in the discharge piping for simultaneously starting and stopping the flow of gas through both branches.

2,449,437
SUPERHEAT CONTROL FOR REFRIGERATING APPARATUS
Clark E. Winchester, Roanoke, Ind., and Harold F. Lathrop, Philadelphia, Pa., assignors to General Electric Company, a corporation of New York
Application May 27, 1947, Serial No. 750,712
6 Claims. (Cl. 62—8)



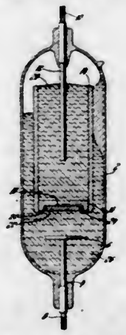
1. In a refrigerating apparatus including an evaporator and means for supplying liquid refrigerant thereto and for withdrawing vaporized refrigerant therefrom, a thermostatic expansion valve including actuating means dependent upon the superheat of the vaporized refrigerant for controlling the admission of liquid refrigerant to said evaporator, means responsive to the temperatures at the inlet and outlet of said evaporator for producing an electric voltage proportional to the difference between the inlet and outlet temperatures, and means dependent upon said voltage for applying a boosting force to said actuating means.

2,449,438
SOLENOID WITH PLUNGER
Orton H. Wisegarver, Los Angeles, Calif., assignor to Adel Precision Products Corp., a corporation of California
Application July 25, 1944, Serial No. 546,541
6 Claims. (Cl. 175—341)



1. In solenoid construction, a cylinder open at one end, an attaching member rotatably confined therein for attaching the solenoid to another member, a compression member bearing against said attaching member, a solenoid spool, with winding and terminals, fitted within said cylinder and bearing against said compression member, and means closing the other end of said cylinder with compression upon said solenoid spool and said compression member, whereby said solenoid can be rotatively adjusted relative to said attaching member.

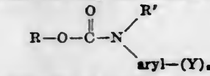
2,449,439
MERCURY INTERRUPTER
Leonard M. Wittlinger, Linden, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 1, 1946, Serial No. 707,159
1 Claim. (Cl. 200—113)



In a current interrupter, a casing formed of insulating material, a pair of electrodes mounted in spaced relation in said casing, baffle means of nonconducting material in said casing between the electrodes dividing said interior into a pair of chambers, a conductive pool of mercury in each chamber, said baffle having an aperture therein, insulating means mounted in said aperture and having concentric joining openings of different diameter extending partially through the same, a thin flat carbon member mounted in the larger opening to thus present two different surface areas to the two chambers and the conductive mercury pools partially filling each chamber.

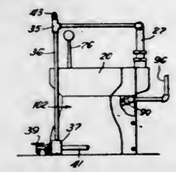
2,449,440
ARYL ESTERS OF TERTIARY CARBAMIC ACID
John A. Aeschlimann, Montclair, N. J., assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application June 25, 1946, Serial No. 679,266
11 Claims. (Cl. 260—471)

1. Carbamic esters of phenols containing a tertiary amino group and a substituted aryl group, said compound having the following formula:



R being a member of the group consisting of a phenyl radical with a dialkyl amino group, a phenyl radical with a dialkyl amino alkyl group, and a benzoheterocyclic radical, R′ being a member of the group consisting of a lower alkyl, aralkyl and aryl radical, Y being a member of the group consisting of a halogen, a lower alkyl and an alkoxy radical, n being a small whole number from 1 to 5, and Y being the same or different when n is more than one, and the quaternary salts thereof.

2,449,441
TOILET
Arthur G. Agra, Chicago, Ill.
Application September 8, 1947, Serial No. 772,709
5 Claims. (Cl. 4—76)

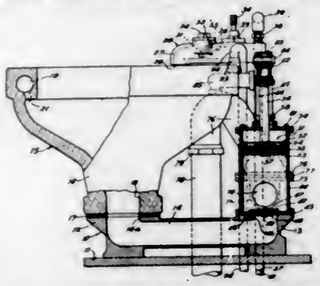


1. In a toilet for automobile house trailers and the like, a base structure comprising a cylinder closed at its bottom, a bowl seating on said base structure discharging into said cylinder, a normally closed downwardly opening and upwardly closing valve controlling communication between said bowl and cylinder, a piston operating in said cylinder, said structure having a projection extending to one side of said cylinder provided with two outlet passages opening at their outer ends through said projection and at their inner ends into said cylinder adjacent and remote from the bottom thereof respectively, normally closed outwardly opening and inwardly closing valves respectively controlling the outer ends of said passages, and a discharge conduit comprising a hood secured to said projection enclosing the outer ends of said passages.

2,449,442
TRAILER TOILET
Arthur G. Agra, Chicago, Ill.
Application October 4, 1947, Serial No. 777,926
5 Claims. (Cl. 4—77)

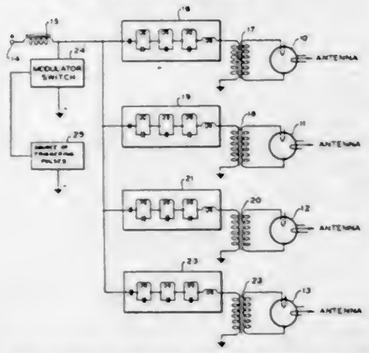
1. In a toilet for automobile house trailers, and the like, a base structure, a bowl and a substantially vertical cylinder carried by said base structure in spaced relationship, said base structure having a bore communicating with said bowl and cylinder, a normally closed upwardly opening and downwardly closing valve controlling communication between said bowl and cylinder, a piston operating in said cylinder, the cylinder having two outlet passages opening thereinto one adjacent and one remote from the bottom of the

cylinder, a normally closed upwardly opening and downwardly closing valve controlling the lower one of said outlet passages, and an outwardly closing and inwardly opening suction responsive



valve associated with the other of said outlet passages effective for admitting air thereto responsive to creation of a partial vacuum in said cylinder above said piston.

2,449,443
LINE PULSE MODULATOR FOR MULTI-CHANNEL TRANSMITTERS
Philip C. Bettler, Boston, and Howard D. Doolittle, Cambridge, Mass., assignors, by mesne assignments, to the Government of the United States of America as represented by the Secretary of War
Application February 3, 1945, Serial No. 576,114
4 Claims. (Cl. 250—17)
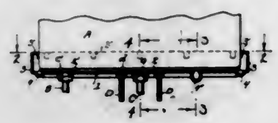


1. In a multi-channel pulse transmitter, a plurality of magnetrons, a corresponding plurality of pulse-forming networks, each of said networks being coupled to its respective magnetron, means for charging in parallel said plurality of networks, and means for periodically and simultaneously discharging said plurality of networks to deliver a pulse of energy from the respective network to the magnetron coupled to said network.

2,449,444
SELENIUM RECTIFIER
Wayne E. Blackburn, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 30, 1946, Serial No. 706,758
4 Claims. (Cl. 175—366)



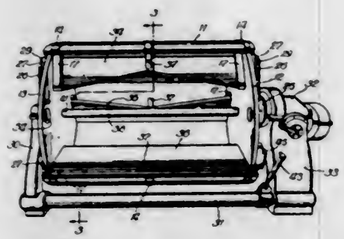
1. The method of producing a selenium rectifier which comprises the step of coating a free surface of selenium with a suspension of magnesium thiosulfate in a volatile organic solvent.

2,449,445
FLUSH TANK DRIP PAN
Herman Bodan, Milwaukee, Wis.
Application August 18, 1944, Serial No. 550,003
1 Claim. (Cl. 4—252)



For use with a toilet bowl flush tank, provided with spaced apart threaded intake and discharge pipes; a drip-pan therefor having its bottom provided with upset apertured pad areas about the pipes to space the pan bottom from the flush tank bottom and also to prevent leakage at the pipe joints, retaining nuts in threaded union with the pipes for clamping the upset pad areas of the drip-pan against the bottom of the tank, an upturned flange extending from the bottom edge of the drip-pan, spaced from the flush tank walls, a drain gutter extending about the drip-pan edge flanges below the pan bottom, and a fluid collecting pocket formed in the drip-pan bottom at a lower level than the pan gutter and communicating with the same for drainage, whereby condensation traveling about the gutter will be collected in said pocket for discharge into the bowl.

2,449,446
CHURN SUPPORT
Arthur H. Boileau, Cedar Rapids, Iowa, assignor to Cherry-Burrell Corporation, Wilmington, Del., a corporation
Original application January 3, 1939, Serial No. 249,056. Divided and this application February 24, 1944, Serial No. 523,754
5 Claims. (Cl. 259—81)



1. A device of the class described comprising a cylinder, cylinder heads for said cylinder, rotatable supports for rotatably supporting said cylinder and said cylinder heads, a shelf within said cylinder, and bracket means common to said shelf and said cylinder heads for supporting said shelf within said cylinder and for supporting said cylinder heads upon said supports, whereby said shelf may be readily removed from said bracket means without dismantling said cylinder.

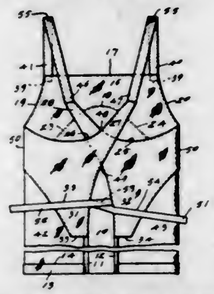
2,449,447
PREPARATION OF ETHER ESTERS
Richard E. Brooks, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 13, 1946, Serial No. 696,935
4 Claims. (Cl. 260—484)

1. A process for the preparation of an ester of a 3,4-dialkoxybutyric acid which comprises passing ketene into a 1,1,2-trialkoxyethane having no ketene reacting substituent containing an acid catalyst whereby an ester of a 3,4-dialkoxybutyric acid is formed, the 1,1,2-trialkoxyethane having the structural formula:

$$ROCH_2CH(OR)_2$$

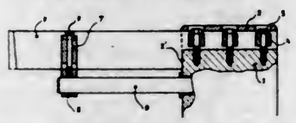
in which R designates similar alkyl groups.

2,449,448
APRON
Henry L. Brown, Seattle, Wash.
Application May 28, 1946, Serial No. 672,824
1 Claim. (Cl. 2—48)



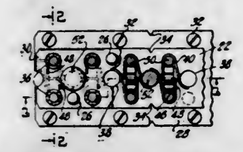
An apron comprising a folded fabric body, the upper outer corners of said body being cut to form concave edges defining arm pit portions, said body including a pair of oppositely inclined integral strips extending upwardly and outwardly from said arm pit portions and adapted to be disposed in crossed relation at the back of the wearer, a yoke stitched to the upper portion of said body, said yoke having a V-shaped cut-out in the lower front portion thereof, said yoke also including a pair of oppositely inclined strips stitched to said first named strips and a pair of downward tapering extensions, a pair of shoulder straps secured to said yoke and to the upper ends of said strips, and a pair of tapes secured to the rear edges of said body.

2,449,449
MILLING MACHINE
Ettore Bugatti, Paris, France
Application September 18, 1945, Serial No. 617,110
In France May 7, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires May 7, 1962
6 Claims. (Cl. 90—20.5)



1. In a milling machine, the combination of a frame portion; a removable cap secured to said frame portion, on the top surface thereof, said frame portion and cap defining between them a prismatic recess; an over-arm including a prismatic inner portion provided with a lengthwise slot fitted in said recess; and means located at least partly in the slot for expanding said over-arm inner portion.

2,449,450
ELECTRICAL CONNECTOR
Vernon E. Carlson, Short Hills, N. J., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J., a corporation of New Jersey
Application April 3, 1943, Serial No. 481,667
8 Claims. (Cl. 173—334)



1. An electrical conductor comprising an insulating body, a bus of high conductivity metal, said body surrounding said bus, said bus having a plurality of contact faces, and integral projections of the bus connecting the bus and insulating body closely adjacent at least two of the contact faces so that those faces are fixed relative to the body, at least one face of said bus being remote from the integral projections and being resiliently connected to the other faces by a bend, said body having access apertures registering with each of said faces.

2,449,451
HIGH-FREQUENCY DIELECTRIC HEATING APPARATUS
Benedict Cassen, Los Angeles, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 28, 1944, Serial No. 556,148
4 Claims. (Cl. 219—47)

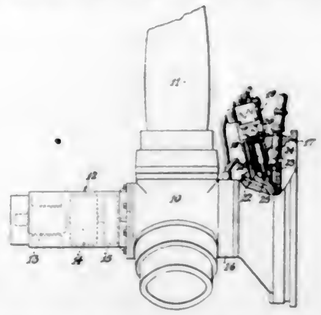


2. Dielectric heating apparatus comprising a pair of relatively large spaced electrodes for heating a dielectric material therebetween, a source of high-frequency electrical energy adapted to establish a non-flat wave pattern along said electrodes, a transmission line connecting said source of energy to said electrodes, a resonant chamber connected to said electrodes at a point removed from said transmission line, and means for cyclically continually changing the electrical characteristics of said chamber during a heating operation.

2,449,452
PROPELLER GOVERNOR
Charles W. Chillson, Clifton, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application March 15, 1939, Serial No. 261,879
13 Claims. (Cl. 170—163)

1. In a governor system for an aircraft power plant including an engine and a controllable pitch propeller driven thereby, electric motor means for changing the propeller pitch, a reciprocable

switch member driven by the power plant, a second switch member engageable with the first, means to control the position of said second member in proportion to engine speed, said members



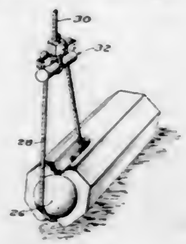
being thereby contactable for longer or shorter dwell upon reciprocation of the first member according to the speed responsive position of said second member, and control connections from said switch members to said electric motor.

2,449,453
COPPER OXIDE RECTIFIER
Richard H. Clapp, Danvers, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts
Application December 31, 1946, Serial No. 719,610
2 Claims. (Cl. 175—366)



1. The method of making a copper oxide rectifier blank which comprises dishing a copper blank to form having a convex and a concave side, oxidizing said blank on the convex side at high temperature, and compressing it to a final flat form.

2,449,454
DROP HAMMER
Theodore C. Cooke, Swampscott, Mass.
Application January 25, 1947, Serial No. 724,375
2 Claims. (Cl. 241—291)



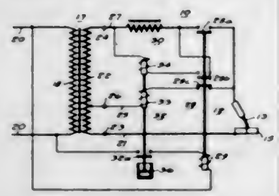
1. A drop hammer for quarrying and other breaking operations having a central body, a bottom portion with a working bottom face and a top portion having a smooth rounded transverse opening extending therethrough for the reception of a hoisting cable hitch, a pair of external parallel smooth grooves curving and gradually merging with the exterior surfaces of the hammer by convexly curved portions, said opening at either end thereof having convexly curved portions which gradually merge with said grooves to provide a smooth curving contacting surface for a hoisting cable hitch, said top portion having a substantially spherically surfaced button extending beyond said grooves providing, in cross section through said grooves, with said open portions of said grooves a substantially semicircular configuration.

2,449,455
ADAPTER FOR SPOT WELDING MACHINES
Ernest Crabtree, Toronto, Ontario, Canada
Application January 2, 1947, Serial No. 719,709
6 Claims. (Cl. 219—4)



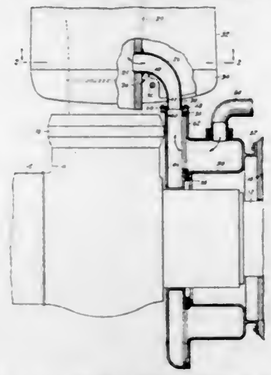
1. An adapter for spot welding machines comprising a body having a clamp designed to fasten on an electrode arm of a conventional machine, disc means rotatably mounted in said body, an electrode holder mountable in said disc means and designed to support a welding electrode, said discs being rotatable to dispose said holder at an angle to the axis of said body and said holder being mounted in said discs to dispose the welding electrode at a predetermined distance from the adjacent portions of the body and the discs, and means in connection with the body whereby said discs and said holder are fixed in positions of adjustment.

2,449,456
ARC WELDING CONTROL SYSTEM
Charles P. Croco, Buffalo, N. Y., and John H. Blankenbuehler, Troy, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 26, 1946, Serial No. 718,558
8 Claims. (Cl. 315—246)



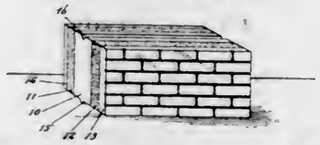
1. In an arc welding system, an arc welding circuit including an electrode and work upon which a welding operation is to be performed, a line switch normally connecting the welding circuit to a reduced voltage source and energizable to connect said welding circuit to a source of arc welding voltage, and switch means connected to be operable upon engagement of the electrode and work to energize the line switch, said switch means being reconnected by the line switch to maintain the switch means energized.

2,449,457
DEICING SYSTEM FOR PROPELLER BLADES
George A. Dean, Radburn, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application May 25, 1946, Serial No. 672,295
7 Claims. (Cl. 244—134)



1. In a controllable pitch propeller having a hollow blade, a transfer chamber on the hub, means to feed a hot gaseous medium to said chamber, and means to conduct hot gaseous medium from said chamber to said blade, said conducting means comprising an arcuate slip joint concentric with the blade axis of rotation in the hub and having the relatively slipping members of the joint in communication with the hollow of said blade and with the interior of said chamber.

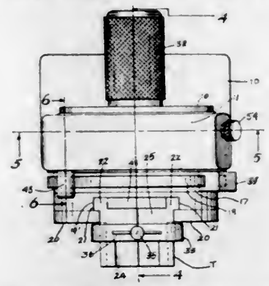
2,449,458
GLASS BUILDING BLOCK
Nathaniel C. Dryden, Poughkeepsie, N. Y.
Application April 26, 1946, Serial No. 665,150
2 Claims. (Cl. 72—36)



1. A glass building block comprising a central body of solid glass extending to the ends and to the top and bottom of the block, a mass of foam glass on each side of that body and a veneer of solid glass covering the side of one foam glass component and forming an outside wall surface, all of said components being united in an integral whole.

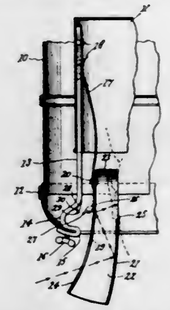
2,449,459
PERFORATOR GRINDING FIXTURE
Theodore Eckert, Lincolnwood, Ill., assignor to Harig Manufacturing Company, Chicago, Ill.
Application March 30, 1946, Serial No. 658,529
2 Claims. (Cl. 51—217)

1. A perforator grinding fixture including a base plate for mounting the fixture on the table of a grinding machine, a mounting plate extending upwardly from the base plate and having a transverse opening formed therein, an index plate rotatably mounted in said opening, a face plate secured to said index plate, a back plate secured to said index plate, a work holder adjustable relative to said face plate, a handle on the back plate for rotating said index plate and said work holder about an axis transversely of said mounting plate, means for limiting the degree of rotation of said index plate and said work holder,



said last-named means including limiting blocks adjustably carried by the face plate and a blocking pin movably carried by the mounting plate and movable into the path of movement of said limiting blocks.

2,449,460
HEARING AID AND HEAT DEFLECTOR FOR HAIR DRIERS
Geraldine Katharine Edwards, Napoleon, and Martin Henry Zachrich, Defiance, Ohio
Application December 12, 1946, Serial No. 715,658
4 Claims. (Cl. 34—90)

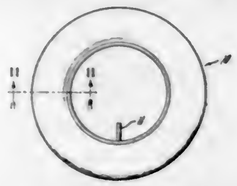


1. For use with a hair drier bell or the like, a hearing aid and heat deflector comprising a support mounted within said bell, an ear shell resiliently carried by said support biased by spring pressure against the head of the patron, said ear shell having communication externally of the bell, a spring catch element carried by said shell, and a striker element forming an interlocking couple with said spring catch element and supported from the bell and constructed and arranged for interlocking engagement by the spring catch element when the ear shell is moved to an outer position away from the ear.

2,449,461
TIRE CURING BAG
Daniel R. Elliott and Knowles K. Madison, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application March 20, 1946, Serial No. 655,902
3 Claims. (Cl. 18—45)

1. A curing bag capable of giving good service in vulcanizing pneumatic tire casings, said bag

being formed of a composition comprising a rubber stock having incorporated throughout the stock from 30 to 75 parts by weight, based on



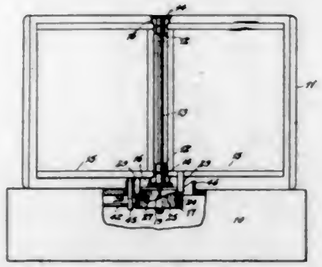
the weight of the rubber stock, of acetylene carbon black to increase the thermal conductivity of the bag so that heat will be conducted quickly through its walls to the tire casing.

2,449,462

DISPLAY DEVICE EMBODYING HINGED OR PIVOTED MEMBERS SIMULATING BOOK LEAVES

Adolph C. Erisman, Port Richmond, N. Y., assignor to Lina Kushner, doing business as the Metropolitan Mechanical Display Company, New York, N. Y.

Application February 16, 1945, Serial No. 578,205
9 Claims. (Cl. 40—104)



1. In a display device, a plurality of book leaf simulating members, a single rotatably supported actuating cam for said members, means individually mounting said members at their inner edges in parallel relation to the cam axis for pivotal movement and for bodily movement relative to each other from one to the other side of the axis of said cam, a cam engaging part on each of said members, and additional means for imparting relative bodily movement between said members and cam axially of the latter to position said parts relative to the cam and cause said cam by rotary movement thereof to effectively engage said parts in succession and singly turn said members from one side of the cam axis to the other.

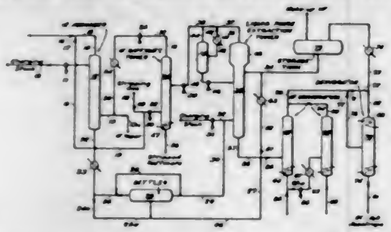
2,449,463

HYDROCARBON CONVERSION PROCESS

Bernard L. Evering, Chicago, Ill., and Arthur P. Lien, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application June 29, 1945, Serial No. 602,228
8 Claims. (Cl. 196—13)

1. A hydrocarbon treating process which comprises in sequence, contacting hydrocarbons under treating conditions with liquid hydrogen fluoride, separating partially spent liquid hydrogen fluoride and a hydrocarbon product containing a small proportion of dissolved hydrogen fluoride from said treating process, vaporizing dissolved hydrogen fluoride from said hydrocarbon product, absorbing the resultant hydrogen fluoride vapor in



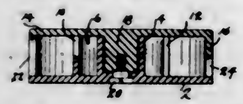
a hydrocarbon charging stock containing a substance capable of forming a complex with hydrogen fluoride and thereafter separating a hydrogen fluoride complex from the hydrocarbon charging stock and passing the hydrocarbon charging stock to the treating process.

2,449,464

CORD ADJUSTING AND STORAGE DEVICE

George W. Eypper, Montclair, N. J.

Application October 8, 1947, Serial No. 778,523
3 Claims. (Cl. 24—71.2)



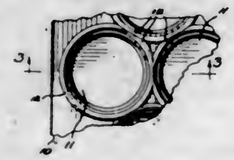
1. In an article of the class described a cord-storage spool comprising in combination an end flange, a hollow boss on the inner face thereof extending axially of the spool, a tubular member on the inner face of said flange surrounding and spaced from said boss, spaced, cord-receiving slots in said tubular member, these slots being open-ended at the free end of the tubular member, a cover member having an integral peripheral flange constituting cover side walls, cord-receiving slots in said peripheral flange open-ended at the flange edge, a boss on the inner face of the cover member adapted to extend into the hollow boss of the spool whereby, with the cover boss inserted in the spool boss and a cord lying in said slots and projecting to the cover exterior, relative rotation of the spool and cover will draw the projecting portions of the cord into the cover and wrap the same about the tubular member of the spool.

2,449,465

FLOOR MAT

Jacob E. Flaker, Barberton, Ohio

Application September 23, 1946, Serial No. 698,636
4 Claims. (Cl. 15—215)



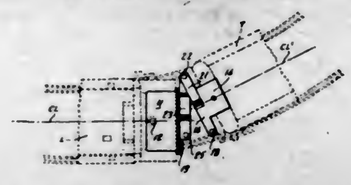
1. A floor mat, comprising a relatively thin one-piece pad composed of resilient material, said pad having a honeycomb of recesses extending inwardly of one broad lateral face thereof, said recesses having generally arcuate inner wall surfaces, said recesses being closely spaced and arranged to have a general pattern in which groups of at least three immediately adjacent recesses of the pattern define a distinct substantially solid portion bounded by a corresponding number of arcuate wall surface portions of the adjacent recesses and being of approximately the thickness of the pad and a plurality of which will support the weight of a person standing on the pad without substantial flexing of said solid portions, the portions of said pad between any two of the immediately adjacent recesses being relatively thin and flexible as compared with said solid portions and thereby adapted to flex upon wiping of feet on the pad.

2,449,466

COUPLING DEVICE FOR USE IN TOY RAILROADS

Abram Dale Gash, Jr., Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y., a corporation of New York

Application April 18, 1945, Serial No. 588,947
9 Claims. (Cl. 213—75)



2. A toy railroad vehicle having a transversely extending upwardly opening channel shaped member at one end, and a second toy railroad vehicle having a member carried thereby at one end having a fin adapted to enter the channel shaped member from above when the vehicles are on the usual track and to slide along the channel to accommodate for horizontal disalignment of the vehicles, and means for so connecting the fin member and second vehicle together that the fin member can swing about either of two fixed vertical pivots disposed on opposite sides of the center line of the said second vehicle, the fin being slidable in the channel as the vehicles traverse curved track.

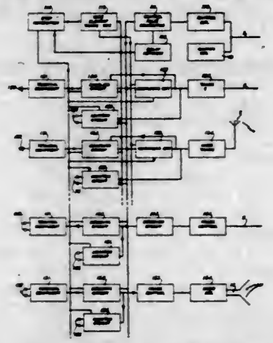
2,449,467

COMMUNICATION SYSTEM EMPLOYING PULSE CODE MODULATION

William M. Goodall, Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application September 16, 1944, Serial No. 554,495
26 Claims. (Cl. 179—1.5)

4. Electrical apparatus for transmitting a permutatively coded series of conditions representing a sample of a signal wave in which each element of the series comprises a pulse or no pulse which comprises a control pulse generator, means operated incident to each cycle of the control pulse generator for producing a series of positive pulses equal in number to the number of units of the code and a corresponding series of negative pulses interspersed between said positive pulses, electronic apparatus responsive to said negative pulses for generating a step-wave form of potential each step of which is one-half the previous step and is initiated by each of said series of pulses, means operative in response to each of said positive timing pulses for comparing said sample with the amplitude of said stepped-wave form at that instant of time and transmitting a pulse



when the sample exceeds the amplitude of the stepped-wave form, and electronic apparatus operative incident to the transmission of a pulse for subtracting from said quantity an amount equal to

$$\frac{1}{2^n}$$

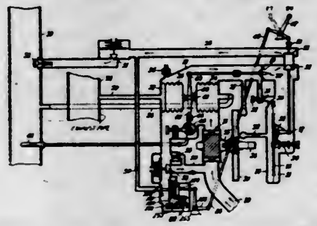
of the maximum possible quantity, and apparatus for thereafter comparing and controlling the remainder of said quantity with the succeeding steps of said wave form in a similar manner.

2,449,468

FUEL INJECTION SYSTEM FOR INTERNAL-COMBUSTION ENGINES

Leonard Sidney Greenland, Weston-super-Mare, England, assignor to H. M. Hobson Limited, London, England, a company of Great Britain

Application December 29, 1945, Serial No. 638,129
In Great Britain February 12, 1945
4 Claims. (Cl. 123—119)



1. In a fuel injection system for an internal combustion engine, the combination of an engine driven fuel pump, an engine driven centrifugal impeller, a metering unit, and means for supplying fuel from the fuel pump to the metering unit, said metering unit comprising, within an enclosing housing, a variable area fuel metering orifice, means for varying the area of said orifice as a desired function of boost pressure and means controlled by said impeller for establishing across the metering orifice a metering pressure which is some fraction of the pressure difference developed by said impeller, characterised in that said fuel pump and impeller are built into the housing of the metering unit and in that a readily detachable drive connection is provided between said pump and said impeller

which permits of removal of said pump from said housing without disturbing said impeller and the means controlled thereby for establishing said metering pressure.

2,449,469
PREPARATION OF POLYFORMALS
William F. Gresham, Lindamere, and Richard E. Brooks, Edgemoor Terrace, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 2, 1944, Serial No. 561,640
10 Claims. (Cl. 260—615)

1. A process for the preparation of polyformals which comprises heating a dialkyl formal of the formula, $ROCH_2OR$, in which R is an alkyl group having from 1 to 4 carbon atoms, with formaldehyde at a temperature in the range of about 20° to 150° C. the initial molar ratio of dialkyl formal to formaldehyde being from 1:1 to 10:1 in the presence of an acid-reacting catalyst, continuing the resultant reaction until a reaction mixture approximating equilibrium is obtained, thereupon destroying the said acid reacting catalyst by addition of alkali and distilling from the reaction product polyformals of the formula,

$$RO(CH_2O)_nR$$

in which R is an alkyl group having from 1 to 4 carbon atoms and n is an integer from 2 to 4.

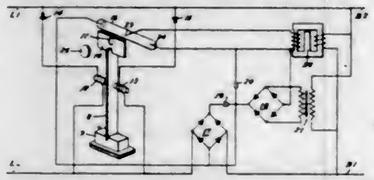
2,449,470
SYNTHESIS OF ORGANIC OXYGEN-CONTAINING COMPOUNDS
William F. Gresham and Richard E. Brooks, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 28, 1946, Serial No. 680,072
7 Claims. (Cl. 260—615)

1. The process for the synthesis of 1,1,2-trialkoxyethanes which comprises heating a dialkyl formal with carbon monoxide and hydrogen in the presence of an alkanol at a temperature within the range of 100° to 350° C. under a pressure of at least 10 atmospheres in the presence of a catalyst comprising a member of the class consisting of nickel and cobalt, and thereafter separating from the resulting reaction product the 1,1,2-trialkoxyethane produced by the said reaction.

2,449,471
PREPARATION OF ETHER ESTERS
William F. Gresham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 1, 1946, Serial No. 707,339
3 Claims. (Cl. 260—484)

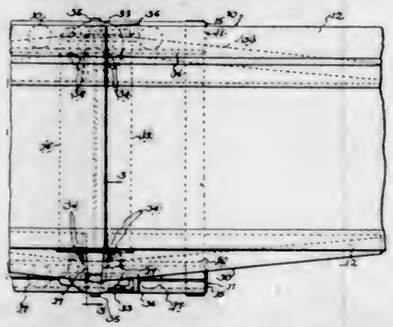
1. A process for the preparation of a 3,3-dialkoxy propionic acid ester which comprises bubbling ketene vapors into a mixture of an alkyl ortho-formate and an acid catalyst, alkyl ortho-formate having the structural formula: $(RO)_3CH$ in which R designates similar alkyl groups, the reaction being initiated at a temperature of about 0° C., continuing the reaction until no more ketene is absorbed, neutralizing the catalyst and thereafter removing the 3,3-dialkoxy propionic acid ester from the reaction mixture by distillation.

2,449,472
POLARIZED REED DEVICE
Finn H. Gulliksen, deceased, late of Oslo, Norway, by Gunvald Gulliksen, administrator, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Original application September 7, 1939, Serial No. 293,724. Divided and this application November 9, 1943, Serial No. 509,642
5 Claims. (Cl. 172—245)



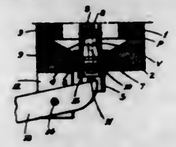
1. In a polarized electrical instrument for indicating the relationship of electrical characteristics of a pair of alternating current circuits, the combination of, a strip-like member of magnetic material having a fixed end and a free end which is adapted for vibration, electromagnetic means for effecting vibration of said strip-like member upon energization thereof, means for supplying alternating current to said electromagnetic means from one of said alternating current circuits whereby the strip-like member vibrates at a frequency corresponding to that of the energizing alternating current, rectifier means for polarizing the electromagnetic means with respect to the energizing alternating current, a grid controlled glow discharge lamp having an anode, a cathode and a grid, means for energizing the anode, an electrical impulse transformer having primary and secondary windings, means for supplying alternating current to said primary winding from the other of said pair of electrical circuits, circuit means connecting said secondary winding to said grid for controlling said lamp for periodic illumination, and an apertured member secured to the vibrating end of said strip-like member and located adjacent said lamp.

2,449,473
CONNECTING MEANS FOR SHAKER CONVEYER TROUGHS
Loy D. Hagenbook, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 3, 1946, Serial No. 666,917
9 Claims. (Cl. 198—220)



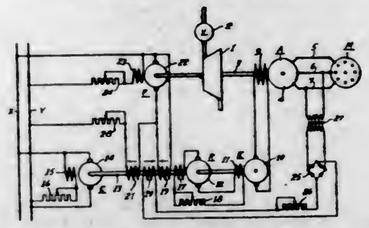
1. In a connecting means for adjacent ends of the troughs of a shaker conveyor, an abutment member projecting laterally from one end of one trough, an abutment member projecting laterally from an adjacent end of a next adjacent trough, a trough supporting lug adapted to be mounted on a reciprocating support for said troughs and having opposite faces adapted to be abutted by said abutment members, said abutment members having outer plane faces inclined so as to approach each other as they extend outwardly from said troughs, a C-clamp adapted to engage outer faces of said abutment members and to be moved into engagement therewith from the outside thereof, and an engaging member having engagement with said lug and said C-clamp, for moving said C-clamp inwardly along said abutment members and positively engaging the inner faces of said abutment members with said lug and for locking said C-clamp into engagement with said abutment members.

2,449,474
AUTOMATIC WATER VALVE
Elmer L. Halverson, Sacramento, Calif.
Application February 23, 1945, Serial No. 579,413
1 Claim. (Cl. 137—104)



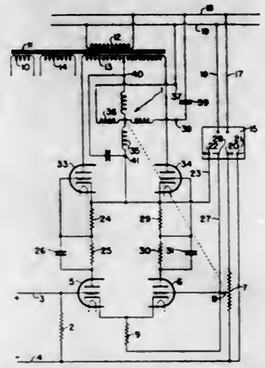
An article of manufacture comprising a threaded cap for threading onto a standard pipe end, a threaded orifice tapped through the bottom of the cap, a self-contained valve, such valve including a substantially cylindrical casing, a projecting flange on the casing intermediate its ends, threads on the casing below the flange such threads being threaded through the threaded orifice in the cap with the outer end of the casing projecting outside the bottom of the cap, the flange engaging the inner face of the bottom of the cap about the threaded orifice to fix the position of the casing outside the bottom of the cap, removable valve mechanism within the casing including a stem projecting to a point outside the bottom of the cap, and a float controlled lever finger pivoted on the cap and engageable with the valve stem.

2,449,475
REGULATING SYSTEM
Walter R. Harris, Forest Hills, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 7, 1944, Serial No. 552,993
11 Claims. (Cl. 322—23)



1. An electric power system comprising a variable speed alternator disposed for feeding a load circuit and having a field winding, direct-current exciting means connected to said field winding and including a regulating generator having a voltage-sustaining self-excited field winding free from series connection with said first-named field winding, and also having two mutually opposing and balanceable field windings, circuit means controlled by said alternator and connected to one of said opposing windings for exciting it in dependence upon the alternator frequency, and circuit means controlled by said alternator and connected to said other opposing field winding for exciting it in dependence upon the alternator voltage so as to maintain the volts per cycle of said load circuit at a substantially constant value.

2,449,476
ANTIHUNT ELECTRICAL SERVOMOTOR SYSTEM
Thomas R. Harrison, Wyncote, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application March 25, 1944, Serial No. 528,088. Divided and this application May 1, 1947, Serial No. 745,308
4 Claims. (Cl. 318—207)

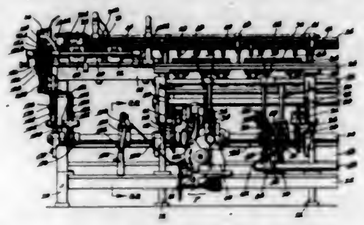


1. Means to control the operation of a reversible electrical motor for rotation in one direction or the other including terminals to which an alternating current supply source providing alternating current of predetermined frequency is adapted to be connected, a pair of electronic valves having normally equally conductive output circuits connected in opposite phase relation to said alternating current supply source and having input circuits to which a variable unidirectional voltage is coupled to increase the conductivity of one of said valves above that of the other of said valves, means to couple said unidirectional voltage to said input circuits, said coupling means including electrical reactance means operative upon decrease in said unidirectional controlling voltage to restore equality in the conductivities of said valves before said controlling voltage is reduced to zero, and an alternating current motor having a winding coupled to said output circuits and a winding connected to said terminals.

2,449,477
KNITTING OF SHAPED FABRICS
Joseph Held, West Reading, and Herman Scheer, Stroudsburg, Pa., assignors to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application April 4, 1942, Serial No. 437,714
44 Claims. (Cl. 66—89)

1. A mechanism for controlling the width of fabric made on a straight knitting machine com-

prising a spindle having oppositely threaded portions with nuts threaded one on each portion, a pair of combs operated by said spindle, and connections between said nuts and said combs for



moving said combs responsive to movements of the nuts including means for adjusting the distance between said nuts and said combs under loop transferring conditions.

2,449,478

METHOD OF SEALING ONE END OF OPEN ENDED TUBE, FILLING THROUGH REMAINING OPEN END, AND SEALING REMAINING OPEN END

Carl Herzog, Belleville, N. J.

Application February 14, 1945, Serial No. 577,749
2 Claims. (Cl. 226—19)



2. The method of filling and sealing glass tubes which are originally open at both ends, comprising holding a plurality of glass tubes open at both ends in spaced relation and generally vertical by inserting the same in spaced openings of a first holder, applying heat to the upper ends of the glass tubes while they are within the holder to plasticize the same, pinch closing the upper plasticized ends of the tubes, applying a second holder having spaced openings to receive the tubes to the upper pinch closed ends of the tubes after such pinch closed ends having sufficiently cooled, inverting the two holders applied to the tubes as a unit, removing the then upper holder for uncovering the upper open ends of the tubes, introducing material into the upper open ends of the tubes, heating the then upper ends of the tubes to plasticize the same, pinch closing the plasticized upper ends of the tubes, and then removing the tubes from the remaining holder.

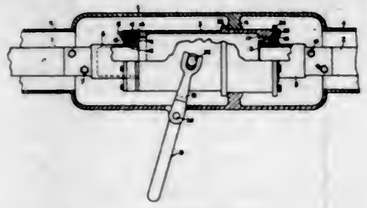
2,449,479

ELECTRICAL CONTACTS

Stanley David Hopper and Ernst Heinrich Hermann Hassler, Stafford, England, assignors to The English Electric Company Limited, London, England, a British company

Application November 19, 1945, Serial No. 629,659
In Great Britain November 28, 1944
7 Claims. (Cl. 200—163)

1. A disconnect switch comprising an inner contact member, an outer enveloping contact member, said contact members being axially movable relative to each other and having a radial clearance space between them, a helically coiled conductor disposed in said clearance space, the individual turns of said conductor being of greater diameter than said clearance space and tilted obliquely thereacross by contact with opposing



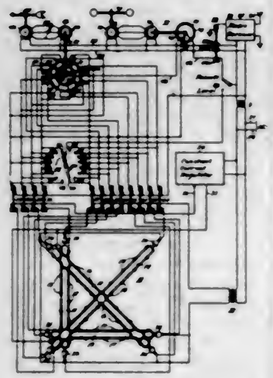
faces of said contact members, axially opposed faces on one of said contact members between which said conductor is disposed, and said individual turns being of greater diameter than the distance between said axially opposed faces and tilted sideways thereacross by contact with said axially opposed faces.

2,449,480

LIGHTING CONTROL SYSTEM FOR AIRPORTS

James P. Houck, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 20, 1944, Serial No. 545,821
7 Claims. (Cl. 177—352)



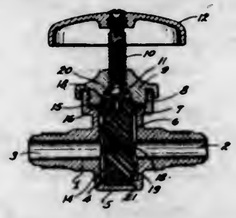
1. A control system for lighting circuits comprising, means including a first selector switch operable in response to wind direction for selecting one of said lighting circuits for operation in accordance with wind direction, means including a control relay responsive to a control signal operable to effect the energization of the selected lighting circuit, and second selector switch means responsive to wind velocity operable to render said relay effective to effect energization of only a predetermined one of said lighting circuits regardless of the selection made in accordance with wind direction in the event that the wind velocity is below a predetermined value, said control relay functioning when operated to render said first and second selector switch means ineffective to change the selection made.

2,449,481

VALVE

George H. Hufferd, Shaker Heights, and George O. R. Lindgren, Willoughby, Ohio, assignors to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio

Application May 18, 1944, Serial No. 536,070
10 Claims. (Cl. 251—114)



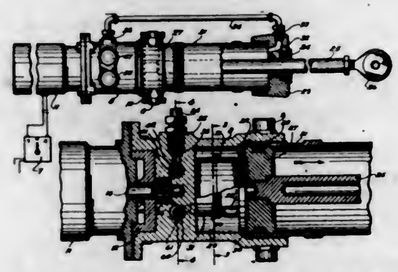
5. A valve comprising a body having walls defining a plug recess, said body being formed with inlet and outlet openings communicating with said recess, a plug disposed in said recess and spaced from the edges of said openings and from the wall of said recess between said openings so as to define a fluid passage through said recess, said plug including sheathing members aligned with said inlet and outlet openings and having edges spaced apart defining a space aligned with the wall of said recess between said inlet and outlet openings, deformable material filling said sheathing members and said space and means for exerting pressure on said deformable material to cause the same to be deformed through said space into sealing engagement with the wall of said recess between said inlet and outlet openings to prevent fluid flow through said recess between said openings.

2,449,482

REVERSIBLE PUMP CONTROLLED HYDRAULIC CYLINDER SYSTEM

George H. Hufferd, Shaker Heights, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio

Application March 12, 1945, Serial No. 582,317
6 Claims. (Cl. 60—52)



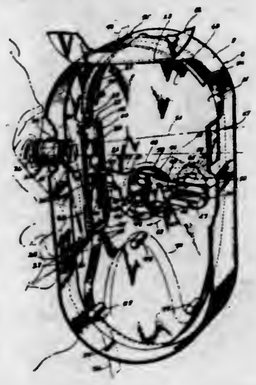
4. In combination a pair of cylinders, a piston portion in each cylinder, a reversible pump, fluid conduits between the pump and each cylinder, spring held power valves for selectively connecting the high pressure side of the pump to either cylinder, a reservoir, means connecting said reservoir to both sides of said pump, a check valve in each of said connecting means, a free piston operable by pressure from the opposite side of the pump to open each check valve, and means on each check valve to open an associated power valve.

2,449,483

ANIMATED PICTURE VIEWING APPARATUS

John F. Iwick, Chicago, Ill.

Application June 18, 1947, Serial No. 755,369
4 Claims. (Cl. 88—17)



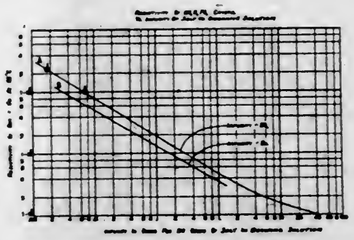
1. An animated picture viewing device comprising, a case, a prime mover mounted in the said case and provided with a driving shaft extending therefrom, cam means secured to the said driving shaft, claw feed means mounted in the said case and connected to the said cam means, an eye piece mounted on one side of the said case, illuminating window means provided on the opposite side of the said case in axial alignment with the said eye piece, film guide means articulately secured to the said case and intermediately disposed to the said eye piece and the said window means, and idler roller means mounted at the base of and within the confines of the said case constructed and arranged to accommodate endless lengths of film of greater magnitude than the perimetral magnitude of the said case.

2,449,484

METHOD OF CONTROLLING THE RESISTIVITY OF P-TYPE CRYSTALS

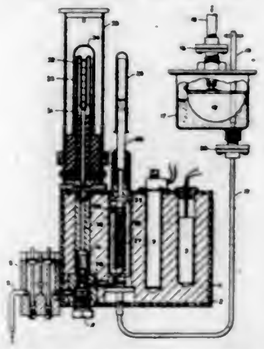
Hans Jaffe, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio

Application November 10, 1945, Serial No. 627,801
15 Claims. (Cl. 171—327)



1. In the growing of P-type crystals, the step of controlling the resistivity of the crystals grown by regulating the concentration in the crystal-growing solution of contaminant ions having different valencies than the P-type crystal ions and capable of substituting for the P-type crystal ions by reason of similar size and structure.

2,449,485
GAS ANALYZER
Clarence Johnson, South Euclid, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application January 1, 1942, Serial No. 425,271
10 Claims. (Cl. 23—255)



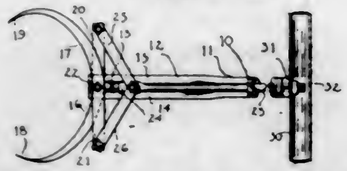
9. Gas analyzing apparatus for continuously determining the percentage of free oxygen in a pressure sample flow of gas comprising, in combination, a catalytic analyzing cell including a heated catalytic wire, a mixing chamber having a conduit leading to said cell, conduit means communicating with said chamber for delivering a vaporizable liquid fuel thereto, means in said chamber to vaporize said fuel, conduit means communicating with said chamber for delivering sample gas thereto, conduit means communicating with said chamber for delivering air thereto to provide an oxygen bias, and common means to regulate the temperature of the materials flowing to and the mixture flowing from said chamber.

2,449,486
CIRCUIT BREAKER
Orvel G. Killian, Wapakoneta, and Bascum O. Austin, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 15, 1945, Serial No. 582,894
5 Claims. (Cl. 200—116)



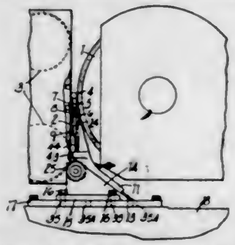
1. In a circuit breaker, an operating lever, means pivotally mounting the operating lever, said operating lever carrying two slotted leg portions, a pin passing through the slots in said leg portions, a pair of cam rollers mounted on said pin, a tension spring biasing said pin and said cam rollers toward one extremity of said operating lever, contact means including a stationary contact and a movable contact of U-shaped configuration, means pivotally mounting the movable contact through the leg portions thereof, said spring urging said rollers into engagement with said leg portions to cause said movable contact to be rocked to open and closed circuit positions in response to rocking movement of said operating lever, a trip lever mounted for rotative movement, biasing means to bias the trip lever into rotative movement, and overload release means to latch the trip lever in a normally stationary position, said trip lever when released moving said operating lever to the open circuit position.

2,449,487
PICKUP CLAW
John H. Kroll, Spokane, Wash.
Application October 17, 1945, Serial No. 622,815
1 Claim. (Cl. 294—115)



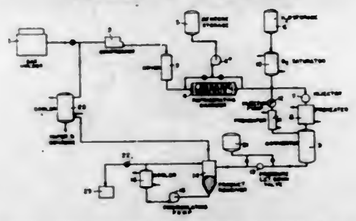
A tool for use in picking out spacer elements and small articles from between the walls of concrete forms, comprising a tube having an end portion of substantial length composed of a half section of said tube flattened along the sides to provide a rounded groove and two flat faces on opposite sides thereof, a shaft slidably mounted in said tube, and having a flattened end riding on the flat faces of said end portion, the other end of said shaft having a hand piece thereon, a pair of claw members comprising thin flat bars curved and tapered throughout the greater portion of their length to one end, means pivotally connecting the bars together between their ends and to the extremity of said flattened end portion of the tube, links pivotally secured to the uncurved ends of said bars, and a bolt pivotally connecting said links to the flattened end of the shaft, the bolt having its head seated in and slidable along the groove in said end portion.

2,449,488
WORK REST HOLDER FOR CENTERLESS GRINDERS
Edward C. Krueger, Otsego, Mich., assignor to Hammond Machinery Builders, Incorporated, Kalamazoo, Mich.
Application October 13, 1947, Serial No. 779,530
10 Claims. (Cl. 51—238)



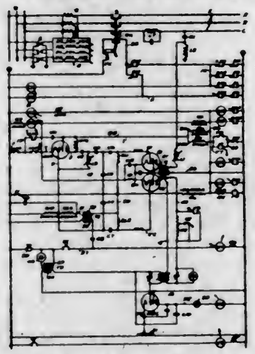
10. A work rest for a centerless grinder comprising a holder plate, a clamping plate disposed in opposed relationship to said holder plate along the upper portion of said holder plate and pivotally connected with said holder plate, and a cam rod disposed between said plates below the pivotal connection of said clamping plate and adapted when actuated to move the said clamping plate toward said holder plate to clamp a work rest blade between said plates.

2,449,489
PREPARATION OF POLYMERIC ETHYLENE EMULSIONS
Alfred T. Larson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application July 2, 1947, Serial No. 758,752
6 Claims. (Cl. 260—29.6)



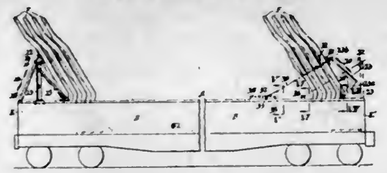
1. In a continuous two-step process for the direct preparation of polymer-from-ethylene emulsions wherein an unemulsified polymer is obtained in the first step under pressures above 50 atmospheres, temperatures above 100° C. and in the presence of an ethylene polymerization catalyst, the second step which comprises introducing an emulsifying medium, and an emulsifying agent into the reaction mixture containing polymer, after its formation and prior to its pressure let-down to atmospheric pressure, and thereafter discharging to atmospheric pressure a permanent emulsion of the polymer in the emulsifying medium.

2,449,490
RELAYING SYSTEM
Bernard E. Lenehan, Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 16, 1945, Serial No. 599,832
6 Claims. (Cl. 179—2.5)



6. A plural-purpose carrier-current relaying-system for protecting a transmission-line section, and also at times performing a voice-modulation function, comprising a carrier-current transmitter comprising an oscillator-tube and amplifier-tube means, said transmitter including a plurality of grid-biasing means for biasing a controlled grid-circuit at different biases, including a normal grid-bias circuit-connection and a more negative grid-bias connection, circuit-means for supplying plate-circuit and cathode-circuit direct-current energization to said oscillator-tube and said amplifier-tube means, said oscillator-tube having two parallel-connected branch plate-circuits, each branch-circuit including a considerable resistance, relaying carrier-starting means in series with one of said branch-circuits, voice-modulation carrier-starting means in series with the other branch-circuit, a relay-circuit path of relatively low resistance in series with the relaying carrier-starting means and in shunt to said oscillator-tube, voice-modulation control-means for effectively closing said voice-modulation carrier-starting means, interrupting said normal grid-bias circuit-connection, and rendering said more negative grid-bias connection effective, and a grid-biasing resistor connected between said controlled grid-circuit and said relaying carrier-starting means.

2,449,491
MEANS TO PREVENT SHIFTING OF LADING IN FREIGHT CARRIERS
George H. Liebegott, Philadelphia, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 1, 1947, Serial No. 777,149
7 Claims. (Cl. 105—369)

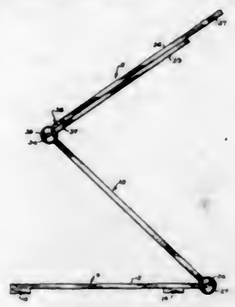


1. Means to prevent shifting of freight such as automobile chassis frames set up on end and backed one against another in the direction of the length of the body of a transporting carrier, including a fixed transverse member disposed adjacent one end of the body of the carrier at a level above that of the chassis frame centers to serve as a buttress against which the first chassis frame of the series is leaned; a cooperating retaining element pivoted adjacent the opposite end of the carrier body for inward swinging movement, the latter element having a transverse member adapted to bear against the last chassis frame in the series above center; and adjustable means for drawing upon the retaining element to secure the pack of chassis frames.

2,449,492
LECTERN
Albert T. Long, Baltimore, Md.
Application July 24, 1947, Serial No. 763,181
6 Claims. (Cl. 45—80)

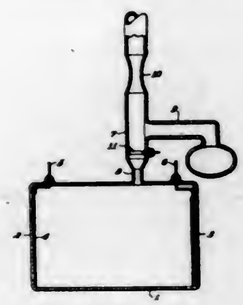
1. In a collapsible lectern, a base section provided with a receiving opening between its sides, a normally inclined intermediate section hinged at its lower end to said base section within the forward end of said receiving opening, a normally inclined manuscript supporting section comprising a manuscript supporting plate, a pair of laterally spaced longitudinal pieces and means securing said pieces to the underside of said plate, said pieces being spaced to nest said intermediate section therebetween when said manuscript supporting section is collapsed flush with said intermediate section, said pieces and said intermediate section together being of a width to nest in said

receiving opening of the base, with said manuscript supporting plate flush with the said base when said manuscript and intermediate sections



are swung into parallelism with said base section, and means hinging said pieces to the upper end of said intermediate section.

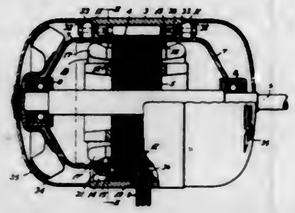
2,449,493
ATTAINING HIGH VACUUM IN PHOTOELECTRIC TUBES
Richard L. Longini, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 28, 1947, Serial No. 771,114
7 Claims. (Cl. 316—20)



1. The method of evacuating a container having a wall portion comprising a caesium-antimony compound which consists in first evacuating the atmosphere through an exit from said container, second evaporating a getter in such a position within said container that it condenses on the walls thereof immediately adjacent said exit, third causing caesium vapor to flow into said container and thereafter sealing off said container at said exit.

2,449,494
FAN-COOLED DYNAMOELECTRIC MACHINE
Leon R. Ludwig, Theodore C. Fockler, and William H. Formhals, Buffalo, N. Y., and Howard T. Walton, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 30, 1946, Serial No. 694,064
7 Claims. (Cl. 171—252)

1. A totally enclosed dynamo-electric machine comprising a frame-ring, an end-plate secured within the inner periphery of the frame-ring near each end of the frame-ring, a stator-core member secured between the two end-plates, at least a portion of the outer periphery of the stator-core being radially spaced from the inner periphery of the frame-ring, the end-plates having air-vents therethrough, admitting of an axial air-flow over the stator-core from one end of the core to the other, a stator-winding carried by the stator-core, said stator-winding having end-turns, a plurality of leads extending from the end-turns at one end of the stator-winding, said frame-ring having a hole through which said leads pass, a shaft, a rotor-core member carried by the shaft, two imperforate brackets removably mounted on the machine, one at each end, each imperforate bracket having no air-

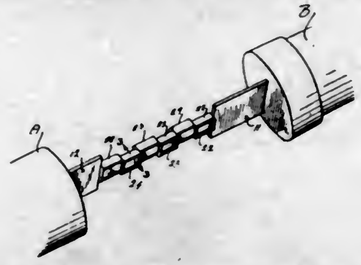


hole therein, and having a bearing for supporting the shaft at that end of the machine, and further having a plurality of peripheral lugs having an intermittent radial register with that end of the frame-ring, and further having a peripheral part having a continuous axial register with the end of the end-plate at that end of the machine, the peripheral part being bulged outwardly at the place where the leads leave the end-turns, and the inner periphery of the adjacent end-plate being notched outwardly at the same place, to permit the leads to pass from the end-turns to the space surrounding the periphery of the stator-core and thence out through the hole in the frame-ring, and sealing the place where the end-plate is notched.

2,449,495
APPLICATION OF PHOSPHATE PROTECTIVE COATINGS TO NONFERROUS METALS
John C. Lum, Union, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application January 12, 1944, Serial No. 517,979
1 Claim. (Cl. 204—56)

The process of treating members of non-ferrous metal selected from the group of metals consisting of zinc, cadmium and alloys in which zinc and cadmium predominate, in an aqueous acidic phosphate solution containing from 0.10% to 0.30% of dissolved iron to provide for applying protective phosphate coatings containing iron on the members, the steps comprising immersing the non-ferrous metal members in the solution to react therewith to produce thereon a protective iron-containing phosphate coating, the iron content of the solution being decreased thereby and some of the non-ferrous metal being dissolved in the solution, introducing into the solution ferrous members, connecting a source of direct current to the ferrous members to render one ferrous member cathodic and the other anodic, the anodic ferrous member being dissolved in the solution whereby to replenish the ferrous metal content of the solution to a value of from 0.10% to 0.30%, and zinc or cadmium being deposited out of solution on the cathodic member.

2,449,496
ELECTRICAL CONNECTION
Frank J. Matan, Gary, Ind.
Application March 31, 1943, Serial No. 481,342
2 Claims. (Cl. 287—64)



1. In an electrical connection, the combination of a pair of parts having electrically operatively connected terminal straps, each of said straps being of thin, wide, flat electrically conductive metal including a flat body portion with uniformly spaced bendable clamping fingers along the opposed longitudinal side edges thereof in directly opposed pairs, the terminal straps being so arranged when connected that the fingers of each terminal portion are bent in interfitting relation exactly in snug fitting relation between adjacent fingers of the other terminal portion and over the opposite side of the body of said other terminal portion.

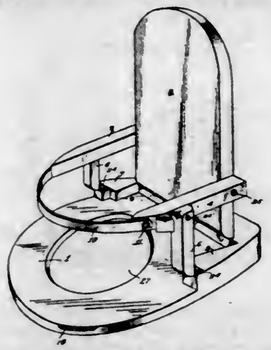
2,449,497
COMBINATION ASPIRATOR TIP
Will W. McLeod, Montgomery, Ala.
Application August 22, 1946, Serial No. 692,290
2 Claims. (Cl. 128—276)



2. The combination with a tubular handle forming an air reservoir having a port which is manually controlled by the finger tip of the operator thereof, a suction tube mounted within the handle and having an exterior forward extension terminating in a suction nozzle, of a spraying nozzle mounted rigidly on the suction nozzle slightly to the rear thereof, means for conveying a liquid solution to the spraying nozzle, and means for conveying air under pressure from the reservoir to the spraying nozzle.

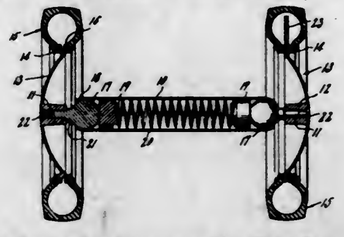
2,449,498
CHILD'S TOILET SEAT
Lawton B. Mellichampe, Washington, D. C.
Application April 5, 1946, Serial No. 659,923
5 Claims. (Cl. 155—131)

3. In a detachable toilet seat, a base, said base having a front portion and a rear portion, said front portion including an aperture, said rear portion including raised side portions and a raised rear portion, and a back, means pivoting said back to said rear portion, said back when in closed position lying in juxtaposed position to said raised side portions and rear portion, and means for retaining said back in a raised or a lowered position including a latching bar, means pivotally mounting said latching bar on said rear portion of said base, a spring having one of its ends attached to said rear portion and its other end attached to said latching bar, said top having an aperture and a slot terminating in said aperture whereby said latching bar may hold said back



in raised position when said latching bar engages said slot.

2,449,499
DEVICE FOR DEMONSTRATING THE ACTION OF THE FRONT WHEELS OF AUTOMOBILES
Sidney R. Milburn, Mountain View, N. J., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application May 9, 1947, Serial No. 746,932
4 Claims. (Cl. 35—13)

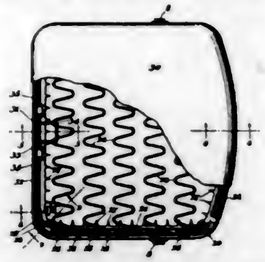


1. A device for demonstrating the effect of correct and incorrect alignment of the front wheels of a motor vehicle and the action of camber and toe-in, comprising an axle a few inches long, a short spindle secured at each end of the axle with a ball and socket friction joint that permits each spindle to be moved to various angles relatively to the axle and be retained by such friction in the adjusted positions, and a wheel and tire upon each spindle, whereby when the axle is grasped in the hand and advanced to roll the tires upon a flat surface the manner in which the tires roll upon the surface under different wheel settings will be demonstrated.

2,449,500
CHAIR SEAT
Walter E. Nordmark, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application April 30, 1945, Serial No. 591,011
12 Claims. (Cl. 155—179)

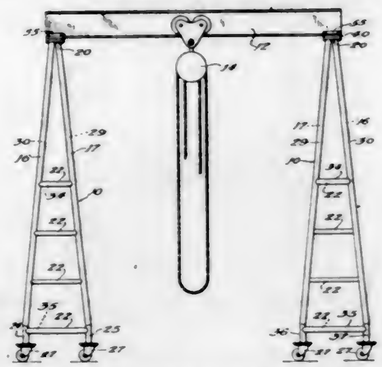
10. In a seat structure, a seat frame having side portions provided with spaced hooks thereon and with inwardly extending spurs, a plurality of upwardly arched sinuous springs spanning the seat frame from side to side and having their opposite ends attached to said hooks, a resilient wire having its opposite ends secured to the side portions

of the seat frame and its middle portion extended forwardly and upwardly beyond the foremost spring, a sheet of upholstery material stretched



over the springs and the resilient wire and attached to the spurs, padding over said sheet, and an upholstery cover stretched over the padding and attached to the spurs.

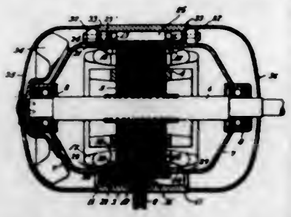
2,449,501
GANTRY
Lawrence C. Oertle, Milwaukee, Wis., assignor to La Ray Engineering and Equipment Co., Inc., Milwaukee, Wis., a corporation of Wisconsin
Application November 10, 1945, Serial No. 627,885
3 Claims. (Cl. 212—13)



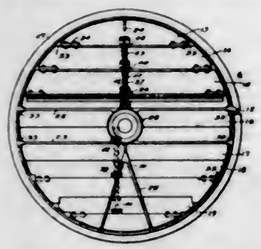
1. A gantry comprising a pair of towers, and a beam supported on said towers, each tower comprising a pair of integral frames, one of said frames comprising a pair of diverging legs, and a plurality of spaced rungs integrally connected at their opposite ends to said diverging legs to form a ladder, a projection on each of said frames, and a tie rod removably engageable with said projections to form the tower into a unitary structure.

2,449,502
FAN-COOLED MOTOR
James H. Penney, Buffalo, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 8, 1946, Serial No. 675,475
6 Claims. (Cl. 171—252)

1. A totally enclosed dynamo-electric machine comprising a frame-ring, an end-plate secured within the inner periphery of the frame-ring near each end of the frame-ring, a stator-core member secured between the two end-plates, at least a portion of the outer periphery of the stator-core being radially spaced from the inner periphery of the frame-ring, the end-plates having air-vents therein, admitting of an axial air-flow over the stator-core from one end of the core to the other, a stator-winding carried by the stator-core, said stator-winding having end-turns, a plurality of leads extending from the end-turns at one end of the stator-winding, said frame-ring having a hole through which said leads pass, a shaft, a rotor-core member carried by the shaft, two imperforate brackets removably mounted on the machine, one at each end, each imperforate bracket having no air-hole therein, and having a bearing for supporting the shaft at that end of the machine, and further having a plurality of peripheral lugs having an intermittent radial register with that end of the frame-ring, the stator-core member further comprising at least one axially extending ring, secured to the end-plate at the end of the machine where the leads leave the end-turns, the stator-core member having a continuous axial register with each imperforate bracket, at least one of said axial registers being between said axially extending ring and the imperforate bracket at that end of the machine, said axially extending ring having a hole therein, through which said leads pass, and sealing-means for plugging the hole in said axially extending ring.



2,449,503
SHUTTER
Willis A. Pennow and Elroy W. Yungman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 2, 1945, Serial No. 597,230
5 Claims. (Cl. 240—45.2)



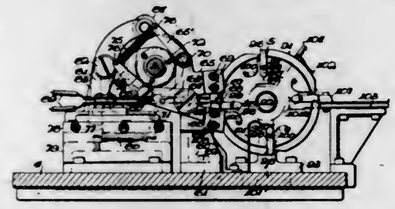
2. A signalling shutter assembly for searchlights comprising, a frame member, a plurality of straight blades pivotally mounted in parallel relation in the frame member, a pair of shaft members rotatably mounted in the frame on opposite sides of its horizontal axis supporting adjacent blades, a linkage connecting each of said shaft members with the other blades above and below the said two adjacent blades, and a gear train connecting said shaft members, said gear train including a drive gear common to both shaft members.

2,449,504
ANODE
Paul R. Pine, Middleburgh Heights, Ohio, assignor to The Harshaw Chemical Company, Elyria, Ohio, a corporation of Ohio
Application April 26, 1945, Serial No. 590,417
2 Claims. (Cl. 204—288)



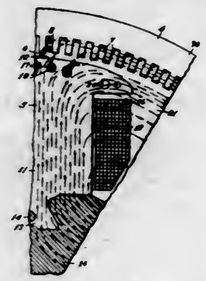
1. A composite anode comprising a plurality of anode pieces composed of electrolytic metal sheet and spaced approximately parallel bars connected together adjacent their lower ends and having their upper ends bent into hooks adapted to engage over a bus bar whereby to support such composite anode and afford a connection for current supply, said anode pieces being approximately square and two adjacent sides thereof being provided with opposed notches approximately equidistant from one corner, said notches receiving said bars whereby good contact is provided between the latter and said anode pieces, said corners of said anode pieces being exposed to electrolytic action and serving to shield portions of said bars from such action.

2,449,505
MACHINE FOR PRODUCING CATHODE SLEEVES FOR THERMIONIC VALVES
Albert F. Pityo, Clifton, Harry Butterfield, Maplewood, and Samuel W. Warner, Newark, N. J., assignors to Tweezer-Weld Corporation, Newark, N. J., a corporation of New Jersey
Application March 14, 1946, Serial No. 654,324
29 Claims. (Cl. 219—4)



1. A machine for welding tabs to completed cathode sleeves for thermionic valves or the like, comprising a turret, devices carried by the turret for externally holding and supporting the completed cathode sleeves, means to index the turret to bring each sleeve to a welding position, means to bring a tab into overlapping relation to the exterior of each cathode sleeve when such sleeve is shifted to the welding position, means to press the tab and sleeve together and confining the pressure within limits which are incapable of collapsing the sleeve, and means to weld the tab to the sleeve, the pressing means causing the pressure to follow through during the welding period.

2,449,506
POLE-TIP STRUCTURE FOR SALIENT POLE SYNCHRONOUS MACHINES
Ernest I. Pollard, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 18, 1945, Serial No. 611,416
2 Claims. (Cl. 171—252)

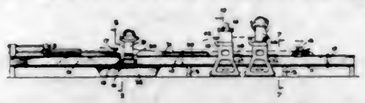


1. A salient-pole synchronous dynamo-electric machine comprising a stator-member and a rotor-member, with an airgap in between, said stator-member being an armature-member having an armature-winding, and said rotor-member being a salient-pole field-member having a plurality of salient pole-pieces made of magnetizable material, each pole-piece having a pole-face portion adjacent to the airgap, and having also a shank-portion, the pole-face portion including two substantially identical pole-tips overhanging the shank-portion, one on either side thereof, damper-bars in the central portion of the pole-face portion but not in the pole-tips, and a field-winding on the shank-portion of each pole-piece; characterized by each pole-tip having one or more openings in the magnetic material thereof for reducing the effective magnetic cross-section of the tip in an amount sufficient to produce an effectively increased transient-reactance saturation with respect to leakage-flux flowing circumferentially within the tip and thence across the interpolar spaces between the pole-tips during transient conditions; the pole-face portion, including the tips, of each pole-member having a flux-distributing contour which is symmetrical with respect to the centerline of the pole.

2,449,507
STRETCHING MACHINE FOR UNCOILING, FLATTENING, AND COILING METAL STRIP
Alfred Pope, Penn Fields, Wolverhampton, England, assignor to Joshua Bigwood & Son Limited, Wolverhampton, England, a British company
Application December 28, 1944, Serial No. 570,107
In Great Britain November 24, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires November 24, 1963
4 Claims. (Cl. 153—35)

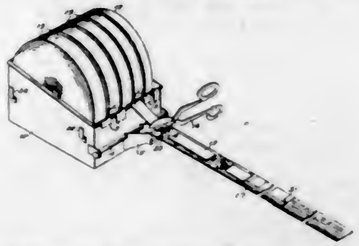
3. A machine for flattening metal strip initially in coil form comprising an elongated bed

consisting of two sections placed in alinement and spaced apart, an adjustable gripper mounted for movement along one section of the bed, means for anchoring said adjustable gripper to the bed, a second gripper mounted on the other section of the bed, power operated means for moving the



second gripper parallel to the bed towards and away from said adjustable gripper, a guideway disposed transversely to said bed and extending between the sections thereof, a table slidably mounted on said guideway, means for moving said table along said guideway, and uncoiling means on said table.

2,449,508
DISPENSING APPARATUS FOR STRIP MATERIAL
Charles L. Reynolds, Georgetown, Del.
Application October 3, 1945, Serial No. 620,091
3 Claims. (Cl. 242—55.4)



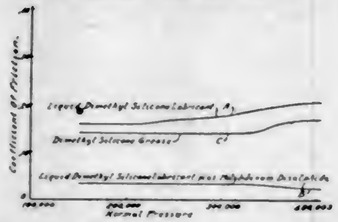
2. A dispensing apparatus consisting of an open top tray having sides sloping to the front, partitions in said tray forming compartments respectively for rolls of wicking exposed to view by said sloping sides, each compartment serving to receive a roll of wicking in frictional contact with the bottom of said tray, a carriage, means eccentrically mounting said carriage on the front of said tray for sliding movement transverse with respect to said compartments, and a pair of shears operatively mounted upon said carriage, whereby said shears can be moved laterally for alinement with any compartment for a cutting operation.

2,449,509
NONSKID DEVICE FOR CRUTCHES AND THE LIKE
Sidney H. Richards, Portland, Maine
Application February 24, 1947, Serial No. 730,491
6 Claims. (Cl. 135—53)



1. For use on the lower end of the shank of a crutch having a lateral lug, a non-skid device comprising a helical spring fitting over said end, and non-skid gripping means mounted on the bottom of the spring around said end, the spring being threaded on said lug so that the gripping means may be advanced beyond said end by rotation of the coil in one direction and may be retracted into inoperative position around the end by rotation in the opposite direction.

2,449,510
LUBRICANTS
Billy P. Robertson, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 7, 1946, Serial No. 667,773
5 Claims. (Cl. 252—49.7)

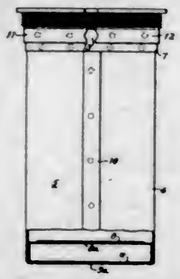


1. A lubricant comprising, in combination, a polymeric silicon oxide having the unit formula:

$$\left[\begin{array}{c} R_1 \\ | \\ -Si-O- \\ | \\ R_2 \end{array}\right]_x$$

where R_1 and R_2 are saturated aliphatic radicals and x is greater than 3, the polymeric silicon oxide having oily characteristics, and from 0.1% to about 180% of the weight of the polymeric silicon oxide of a finely divided solid compound selected from the class consisting of the disulphides, selenides and tellurides of molybdenum, tungsten, and titanium.

2,449,511
CONTAINER FOR BOMBS
William J. Russell, New Britain, Conn., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 21, 1943, Serial No. 507,190
6 Claims. (Cl. 102—70)



2. An ordnance fuse container comprising in combination, a cylindrical sleeve of a one-piece element of relatively thin sheet metal construction, said sleeve being generally in the shape of a right cylinder and having a seam comprising a relatively narrow flap, of lesser length than the sleeve, disposed substantially symmetrically with

reference to the mid-circumference of the sleeve and at right angles thereto, said flap being bent out of the surface of the sheet metal by an amount equal to the thickness of the sheet metal but being parallel to the sleeve contour, whereby the inner surfaces of the abutting edges of the one-piece element fall in the same internal contour to thus provide the sleeve with a smooth inner surface over the entire length of the sleeve, the lap provided by said flap being rigidly secured to the underlying sheet metal by a plurality of spot welds, an inverted cup-like member having a relatively small axial opening fitting into the bottom of the cylindrical member and being secured into place, by a plurality of spot welds, in such a position that a small bottom strip of uniform axial width of the cylindrical member projects beyond the cup edge, the cup edge thus forming a downwardly directed shoulder, a covering disk having a relatively small central opening disposed into the cylindrical member to fit against the cup edge, the said small bottom strip being bent inwardly against the cover to hold it in place, an internally threaded ring having a smooth axially directed flange fitting over the top of the cylindrical member and held in place by a plurality of spot welds, a pair of arcuate segments each somewhat less in circumferential length than the outer circumference of the internally threaded ring spot welded to the internally threaded ring below the upper edge of said ring.

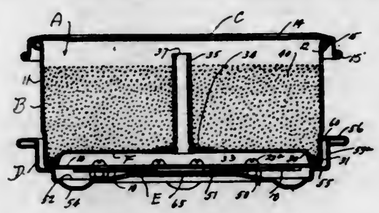
2,449,512
APPARATUS FOR MAKING HOLLOW PLASTIC ARTICLES
Clemens Scheuer, Forest Hills, N. Y.
Application March 24, 1947, Serial No. 736,753
3 Claims. (Cl. 18—19)



3. An apparatus for therewith making a hollow plastic article having the combination of a mold for the article adapted to receive therewithin a tube of plastic material and having an opening for the end of said tube, a device adapted to seal said opening and engage said tube end, a plurality of pipes extending from said device interiorly in said tube, said pipes extending from said device exteriorly of said mold, each of said exterior pipes having a valve, a compressed fluid line being connected to said pipes, said pipes having outlets that are located in the regions and directions of the deep parts of said mold, means to feed compressed air through said line, valves, and pipes into said mold, said mold having a secondary opening for the opposite end of said tube, a secondary device adapted to seal said secondary opening and engage said opposite end of the tube, said secondary device having a bore leading into said tube and exteriorly of said mold and tube, and a valve for opening and closing said bore.

2,449,513
SOAP FEEDER
George C. Schmidt, Pittsburgh, Pa., assignor, by mesne assignments, of one-half to Lois R. Schmidt and one-half to Robert G. Schmidt, both of Pittsburgh, Pa.
Application May 7, 1945, Serial No. 592,506
5 Claims. (Cl. 206—0.5)

2. In a regulator for use in spray type washing machines the combination of a container including a bottom wall and upstanding side walls, a closure for the container, valve means in the bottom of the container for regulating inlet and exit of wash water thereto and therefrom, a perforated soap supporting screen in the container including a top wall and a depending skirted wall, the latter being perforated and spaced from the inside surface of the upstanding wall of the screen, whereby soap will rest not only upon said screen but also in the space between the screen



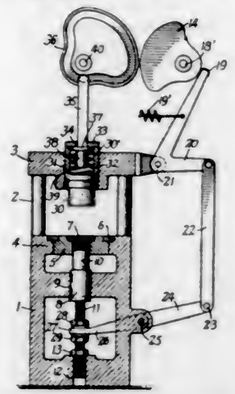
skirt and the side wall of the container, a breather tube supported by the screen and opening below the screen and in the top of the container below the closure, and a supporting tray for the container including a bottom wall, an upstanding skirt wall, and means formed therebetween for supporting the bottom of the container in spaced relation above the inside surface of the tray bottom wall, the bottom wall of the tray having at least one combined discharge and feed opening therein.

2,449,514
OIL WELL PACKER
Warren E. Scoville, Jr., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application March 21, 1946, Serial No. 656,069
5 Claims. (Cl. 166—10)



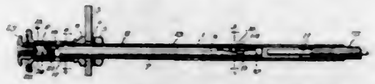
1. A well packer comprising, an expansible tubular body of elastic material, a metal ring at each end of said body, plies of cord fabric surrounding said body and firmly anchored to each ring, a semi-rigid frustro-conical textile ring surrounding the cord plies near each metal ring and formed of a number of heavy fabric plies wound one over the other to produce a ring that is rigid enough to retain the frustro-conical shape under expanded well closing conditions, and a metal annulus adjacent each metal ring positioned to support the adjacent semi-rigid frustro-conical ring to thereby support the expanded cord fabric near the metal rings against rupturing forces.

2,449,515
METHOD OF FORMING PARTS FROM POWDERED METAL
Richard P. Seelig, Elmhurst, Long Island, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y., a corporation of the United States
Original application February 15, 1944, Serial No. 522,530. Divided and this application November, 30, 1944, Serial No. 565,874
3 Claims. (Cl. 29—160.5)



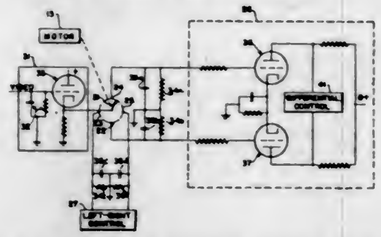
2. A method of forming a powdered metal article which includes the steps of applying a positive compacting pressure to a mass of powdered metal confined in a die cavity to impart thereto a predetermined shape, applying to said shaped mass a moving force to remove said shaped mass as a unit from said die cavity and maintaining on said shaped mass a yielding diminishing pressure of less maximum value than that of said positive compacting pressure during said movement of said shaped mass.

2,449,516
CONTROL MECHANISM
Henry G. Shakespeare and William R. Gerry, Kalamazoo, Mich., assignors to Shakespeare Products Company, Kalamazoo, Mich., a corporation of Michigan
Application December 10, 1943, Serial No. 513,800
4 Claims. (Cl. 74—503)



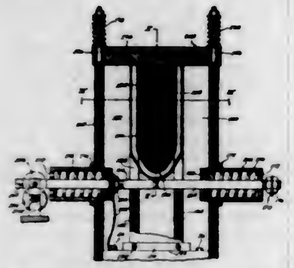
1. A control mechanism, including an immovable tubular guide member, an operating member slidably received by said guide member having a cam surface formed on the normally inner end portion thereof, a knob engaged with the normally outer end portion of the operating member having a co-axially disposed way therethrough, a locking member mounted for longitudinal sliding movement on said operating member having its normally inner end portion apertured and overlying the cam surface of the operating member, a shank connected to the normally outer end portion of the locking member slidably received in the co-axially disposed way of said knob, a latch member loosely received in the apertured normally inner end portion of the locking member movable over the cam surface of said operating member by the locking member towards or away from portions of the inner surface of the guide member, and means in the knob member engaging said shank for normally retaining the same and the locking member in a predetermined position with respect to the operating member.

2,449,517
CONICAL SCANNING ERROR REDUCTION DEVICE
Perry R. Stout, Washington, D. C., and William J. Tull, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War
Application October 19, 1945, Serial No. 623,408
1 Claim. (Cl. 343—120)



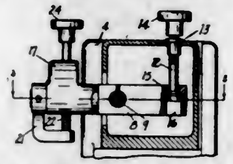
In a radio object-locating system employing conical scanning for the production of voltages related to each other in accordance with the coordinates of a selected target relative to the system and employing a single-brush four-segment commutator for analysis of the signals returned in four quadrants, a compensating device comprising first, second, third and fourth capacitors respectively connected between the four commutator segments and a common ground point, and first, second, third and fourth resistors respectively connected in parallel with said first, second, third, and fourth capacitors whereby the average voltages on the commutator segments may be indicative of the true position of the target.

2,449,518
CIRCUIT INTERRUPTER
Albert P. Strom, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 15, 1943, Serial No. 475,897
29 Claims. (Cl. 200—82)



1. In an automatic reclosing circuit interrupter, separable contacts normally biased into engagement, fluid actuated means for separating said contacts to interrupt the circuit a distance greater than that required to prevent re-striking of an arc following a circuit interrupting operation, means responsive to a predetermined condition of the circuit for admitting a fluid under pressure to said fluid actuated means to open the circuit and responsive to circuit interruption for cutting off admission of said fluid, and a restricted vent for said fluid actuated means, so that fluid admitted thereto to separate said contacts will escape therefrom only at a predetermined rate to permit automatic reclosure of said contacts under the influence of said bias only a predetermined time after separation thereof and thereby automatically reclose the circuit said predetermined time after a circuit interrupting operation and re-energize said condition-responsive means if said predetermined condition still exists in said circuit.

2,449,519
BELT TIGHTENING AND TRACKING DEVICE
Donald E. Sutton, Kalamazoo, Mich., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich., a corporation of Michigan
Application April 8, 1946, Serial No. 660,351
2 Claims. (Cl. 51—148)
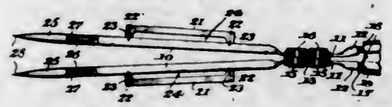


2. In a machine of the class described, the combination with a pulley and spindle thereof, of a spindle supporting member disposed in parallel relation to the spindle and provided with a pivot disposed transversely of the spindle, a threaded adjusting means for said support member, a spindle supporting bracket rotatably mounted on said supporting member for axial tilting adjustment therewith, an arm on the outer end of said supporting member projecting below said bracket, a tensioning screw disposed through said bracket in supporting engagement with said arm and having a threaded abutment thereon, and a coiled spring arranged on said screw between said abutment and bracket.

2,449,520
3,5-DIAMINO-4-HYDRO-THIOTRIAZINE-1-DIOXIDE RESINS
Henry A. Walter, Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application May 10, 1947, Serial No. 747,335
5 Claims. (Cl. 260—67.6)

1. The reaction product of 3,5-diamino-4-hydro-thiotriazine-1-dioxide and an aldehyde.

2,449,521
SOLDERING OR WELDING IMPLEMENT
Samuel W. Warner, Newark, N. J., assignor of one-half to Herman Bernstein and one-half to Joe Sodowick, Newark, N. J.
Application September 26, 1945, Serial No. 618,690
9 Claims. (Cl. 219—26)



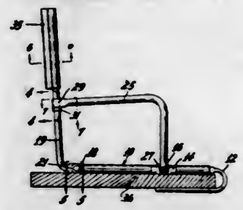
1. An implement of a shape and size so that it may be held in the hand like a pencil in writing, said implement being employed in soldering or welding, said implement comprising opposed tubular arms having flattened portions arranged near and spaced from their rear ends, the rear ends of the tubular arms forming tubular sockets for receiving the ends of wires connected with the opposite poles of a source of current, the tubular sockets being squeezed upon the wires for clamping connection therewith, means rigidly connecting the flattened portions and insulating the same, and electrodes having portions removably mounted within the forward ends of the tubular arms.

2,449,522
ARTIFICIAL TOOTH
Albert H. White, Washington, D. C.
Application April 3, 1945, Serial No. 586,339
12 Claims. (Cl. 32—8)



1. An artificial tooth comprising a body having base and root portions, said root portion including a plurality of longitudinal ribs each joined at its inner end to the base portion by a resilient connection and the entire extent of each rib outwardly beyond said connection being free and unsupported and having an outer longitudinal edge of said free and unsupported portion adapted to engage a longitudinal zone of a tooth socket and being urged into tight anchoring contact with the socket by the resilience of said connection.

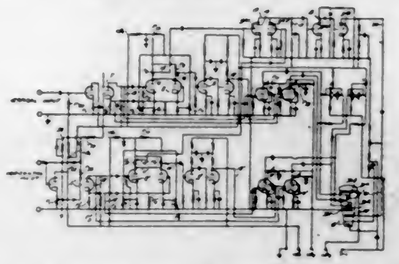
2,449,523
STADIUM FOLDING CHAIR
George P. Wilson, Beaver, Pa.
Application February 12, 1947, Serial No. 728,028
3 Claims. (Cl. 155—133)



1. A folding chair comprising a pair of spaced horizontal substantially parallel seat frame members having yieldable horizontal yokes on the forward extremities thereof, a flat seat mounted on and extending between said seat frame members and maintaining said seat frame members in parallel spaced relationship, an outwardly facing pin rigid on each of said seat frame members substantially intermediate their length, a pair of substantially parallel upright members each being pivotally connected at its lower extremity to the rear extremity of one of said seat frame members, a back rest mounted on and extending between said upright members and maintaining said upright members in substantially parallel relationship, a collar rigidly mounted on each of said upright members substantially in-

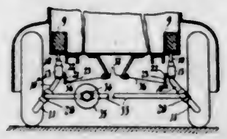
termediate the height of said upright members, a pair of angularly bent arm members having the rear ends deformed into vertical cylindrical loops, said upright members registering rotatably in said loops, said loops resting on the upper surfaces of said collars, an ear having a hole therethrough on the lower extremity of each of said arm members, said pins on said seat frame members registering in said holes in said ears thereby removably joining the lower extremities of said arm members to said seat frame members when said chair is in extended condition.

2,449,524
OSCILLOSCOPE DEVICE
Thomas H. Witherby, Buffalo, N. Y., and Harry E. Farnsworth, Providence, R. I., assignors to the United States of America as represented by the Secretary of War
Application November 27, 1944, Serial No. 565,378
13 Claims. (Cl. 315—14)



1. In a circuit including signal input terminals, a cathode ray tube having deflecting plates, and a focusing electrode; means for generating a voltage substantially proportional to the square of the signal input voltage; and vacuum tube means for applying said square law voltage to said focusing electrode for automatically correcting the focus.

2,449,525
AUTOMOBILE SANDING DEVICE
Chester F. Beam, Niagara Falls, Ontario, Canada
Application June 18, 1947, Serial No. 755,398
1 Claim. (Cl. 291—25)



In an automobile sanding device having a duct for gravity flow of sand from a source of supply, a control valve therein comprising a body member interposed in said discharge duct providing a vertical chamber defined in part by a top wall centrally apertured to form an inlet, said top wall having an outer face and an inner face, said inner face providing a valve seat surrounding the central aperture in said top wall, a valve in said chamber having a top face normally engaging said seat and having a pair of spaced depending arms, a cross plate disposed between said arms to extend transversely thereof, a compression coil spring disposed between said arms with its upper end engaged with said valve and its lower end seated on said cross plate, bolts extending through openings provided in said top wall at opposite sides of said central aperture, said bolts having heads engaged with said outer face of said top wall and being threadedly engaged with said cross plate for adjusting the tension of said spring, a saddle bar pivotally mounted on said arms below said cross plate, and a bellcrank pivoted on said body member having an arm engaged with said saddle bar for opening said valve.

2,449,526
PROCESS FOR MANUFACTURING PLYWOOD TUBING
James J. Dunne, Westport, Conn., and Orvil S. Tuttle, New Rochelle, N. Y., assignors to United States Plywood Corporation, New York, N. Y., a corporation of New York
Application May 3, 1943, Serial No. 485,478
8 Claims. (Cl. 154—83)



2. The method of forming an integral molded seamless plywood tubing from wood veneers, which comprises applying a thermo-sensitive adhesive to a plurality of double-ply wood veneers, each of said double veneers being composed of two wood veneer layers united to each other with the grain of one running at an angle to that of the other, introducing successively narrower strips of such double-ply veneers one by one into a relatively rigid cylindrical casing through one end thereof, applying an expansible membrane interiorly of the assembled double-pay veneers, and distending the membrane with a heated medium at a pressure sufficient to press the veneers outwards against the interior of the casing to mold them into a seamless plywood tubing.

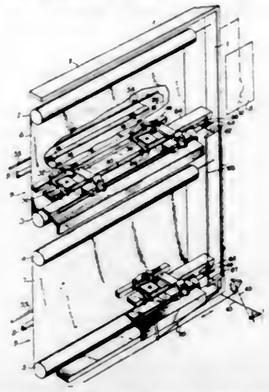
2,449,527
POLYMERS OF MONOVINYLPHENOXTHINES AND METHOD OF PREPARING THE SAME
Ralph G. Flowers and Leola W. Flowers, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
No Drawing. Application May 29, 1947, Serial No. 751,469
7 Claims. (Cl. 260—85)

1. A homopolymer of monovinylphenoxthine.

2,449,528
COPOLYMERS OF MONOVINYLPHENOXTHINES AND METHOD OF PREPARING THE SAME
Ralph G. Flowers and Leola W. Flowers, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
No Drawing. Application May 29, 1947, Serial No. 751,470
14 Claims. (Cl. 260—86.5)

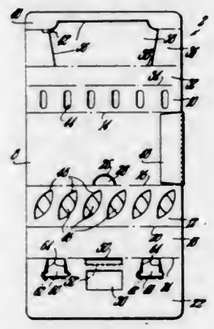
1. A composition comprising the product of copolymerization of a mass containing (1) monovinylphenoxthine and (2) a different $CH_2{=}C<$-containing compound which is copolymerizable with the monovinylphenoxthine.

2,449,529
TUFTING MACHINE
Willy Hofmann, West New York, N. J., assignor to W. Hofmann Textiles Inc., West New York, N. J., a corporation of New Jersey
Application October 18, 1945, Serial No. 623,091
11 Claims. (Cl. 112—79)



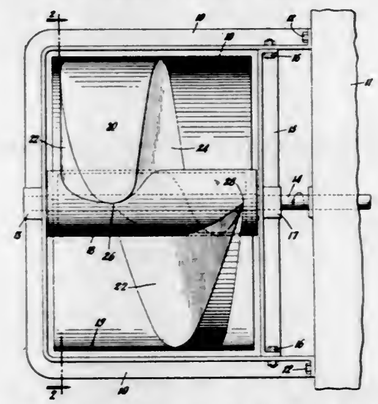
1. In a tufting machine, the combination with a needle reciprocable through the fabric to form loops of yarn at the opposite face of the fabric, a presser, a stop to cooperate with the presser to confine the fabric, a looper having a hook to enter successive yarn loops drawn by the needle, and a frame remote from said looper to hold the fabric to be tufted positioned before the needle, and with at least a portion of it extended, and to shift the fabric parallel to its extent, of a knife to cut the loops and means to operate said knife, said knife and knife-operating means being located entirely at the opposite side of said hook from the fabric, the knife being mounted to move its cutting edge substantially into contact with the looper to sever the loops between them, and said knife-operating means actuating the knife to make cutting strokes while the loops to be cut are, respectively, on the looper.

2,449,530
DISPLAY APPARATUS
Russell A. Lambert, Springfield, Mass., assignor to Brooks Bank Note Company, Springfield, Mass., a corporation of Massachusetts
Application July 17, 1946, Serial No. 684,101
2 Claims. (Cl. 248—174)



2. A display structure comprising in combination, a central panel, upper object supporting panels extending outwardly from upper longitudinal edges of said central panel, and being provided with slots elongated perpendicularly relative to the longitudinal axis of said panel, lower object supporting panels extending outwardly from lower longitudinal edges of said central panel, and being provided with slots angularly disposed relative to the longitudinal axis of said panel, lower supporting panels extending horizontally inwardly towards each other from the lower marginal edges of said lower object supporting panels, upper supporting panels extending horizontally inwardly towards each other from the upper marginal edges of said upper object supporting panels, lower locking panels extending upwardly from the inner marginal edges of said lower supporting panels and disposed in superposed relation on said central panel, and upper locking panels extending downwardly from the inner marginal edges of said upper supporting panels and disposed in superposed relation on said central panel, all adapted and arranged with said object supporting panels being angularly disposed whereby the opposite ends of objects are held in the openings in said object supporting panels and the objects themselves are held in vertical alignment relative to the display structure.

2,449,531
IMPELLER
Nixon Lee, Jr., Forest Hills, N. Y.; Nixon Lee, executor of said Nixon Lee, Jr., deceased
Application June 2, 1942, Serial No. 445,416
1 Claim. (Cl. 170—156)

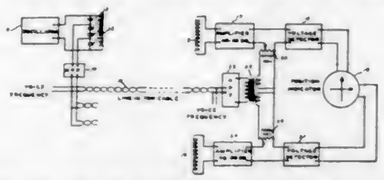


An impeller comprising a hub, a cylindrical shield surrounding and spaced from the hub, a blade connecting said hub and shield comprising a section of an airfoil projected in a spiral around said hub, said blade tapering with diminishing rectangular cross section to a terminal sharp edge and having a substantially uniform thickness in a direction radially outward from the hub, and means for rotating the blade.

2,449,532
INDICATOR SYSTEM FOR TOWED GLIDERS
George F. Leydorf, Cincinnati, Ohio, assignor, by mesne assignments, to Avco Manufacturing Corporation, a corporation of Delaware
Application March 22, 1945, Serial No. 584,240
4 Claims. (Cl. 177—352)

1. A system for indicating the position of a glider relative to a towing plane, comprising a

coil in the towing plane, an oscillator to excite the coil at an audio frequency to create a magnetic field, a tow line connecting the towing plane and the glider, a horizontal loop and a vertical loop in the glider in the magnetic field, indicating meters in the glider, and a cable supported



by the tow line carrying a reference voltage from said towing plane to said meters, said reference voltage being combined with voltages induced in the loops to affect said meters when the glider deviates from the line of flight of the towing plane.

2,449,533
SYNERGISTIC INSECTICIDAL COMPOSITIONS
Edward R. McGovran, Hyattsville, Md., Elmer L. Mayer, Anaheim, Calif., and Florence B. Talley, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application July 8, 1947, Serial No. 759,683
4 Claims. (Cl. 167—34)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An insecticidal composition comprising an insecticidal nicotine compound and phthalonitrile as a synergist therefor.

2,449,534
WEARING APPAREL HAVING PERMANENT CREASES THEREIN
Hans Meyer, Richmond, England
No Drawing. Application January 29, 1946, Serial No. 644,197. In Great Britain January 7, 1946
5 Claims. (Cl. 2—243)

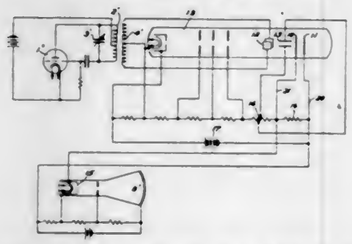
1. Wearing apparel having a permanent crease in the fabric thereof, which comprises a strip of non-thermo-plastic, non-adhesive material having one side thereof provided with a water-insoluble thermoplastic material which becomes adhesive at a temperature below the scorching point of said fabric, the thermoplastic side of said strip being heat and pressure secured to the inner surface of the fabric where the crease is to be formed, the fabric and strip being creased by heat and pressure longitudinally with respect to said strip and intermediate the longitudinal edges thereof and said crease having the capacity of flattening out and returning to creased condition after each such flattening out and being unaffected by moisture.

2,449,535
MEANS FOR LOCATING AND POSITIONING FOOT CORRECTIVE APPLIANCES
William M. Scholl, Chicago, Ill.
Application November 22, 1944, Serial No. 564,642
2 Claims. (Cl. 12—103)



2. A device for positioning foot correction appliances in the nature of foot and arch supporting pads, comprising a one-piece structure including a smooth shank portion, one end of said shank portion being flattened uniformly from opposite sides toward the center, a pair of tines formed in said flattened portion and tapering from their base to their points, a straight lateral shoulder between said tines to limit their penetration, said tines extending parallel to the axis of said shank portion, and the opposite end of said shank portion being smoothly curved to one side of said axis to facilitate the positioning of an appliance in a high heeled shoe.

2,449,536
ELECTRICAL LIGHT IMPULSE GENERATOR
Hanns-Heinz Wolff, Berlin, Germany; vested in the Attorney General of the United States
Application January 15, 1941, Serial No. 374,461
In Germany January 15, 1940
1 Claim. (Cl. 315—9)

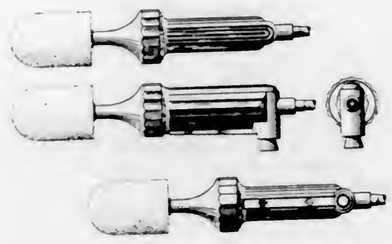


A device for producing light flashes consisting, in combination, of a cathode ray tube having a luminescent screen and a generator of short electrical pulses controlling the intensity of said ray, said generator comprising a source of an alternating voltage the frequency of which being the frequency of the required light impulses, a variable direct voltage source, a further cathode ray tube having a cathode, anode, elements for deflecting the cathode ray in the horizontal and in the vertical direction, two electrodes arranged in the direction of the cathode ray, the electrode next the cathode having an aperture the second electrode being connected in the circuit of the cathode in such a manner that current flows in it when the cathode ray strikes said second electrode, said alternating voltage source connected to one of said deflecting elements, the other pair of the deflecting elements being connected to said variable direct voltage source.

DESIGNS

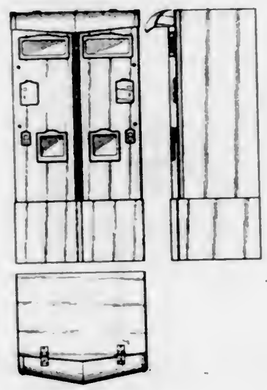
SEPTEMBER 14, 1948

150,915
DESIGN FOR A DISHWASHING APPLIANCE
Lloyd L. Anderson and Robert F. Hefferan, Grand Rapids, Mich., assignors to Paneva Corporation, Grand Rapids, Mich., a corporation of Michigan
Application March 1, 1948, Serial No. 144,848
Term of patent 14 years
(Cl. D9—2)

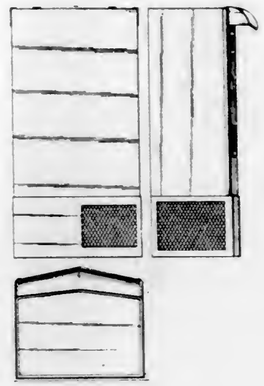


The ornamental design for a dishwashing appliance, substantially as shown.

150,916
DESIGN FOR A BEVERAGE DISPENSING MACHINE
Leslie Arnett, Chicago, Ill., assignor to Square Manufacturing Company, a corporation of Illinois
Application August 5, 1946, Serial No. 132,288
Term of patent 14 years
(Cl. D52—3)

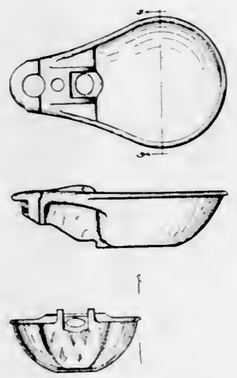


150,916—Continued



The ornamental design for a beverage dispensing machine, as shown.

150,917
DESIGN FOR A WATER BOWL FOR STOCK
Vernon R. Berg, Marshfield, Wis.
Application March 30, 1946, Serial No. 128,119
Term of patent 14 years
(Cl. D12—2)



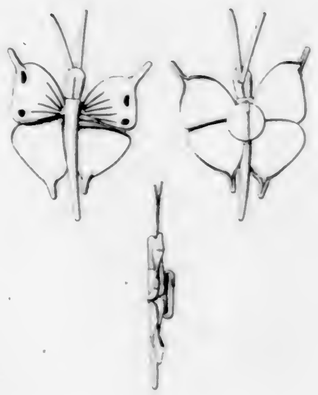
The ornamental design for a water bowl for stock, as shown.

150,918
DESIGN FOR A LAPEL ORNAMENT OR SIMILAR ARTICLE
Arthur Bernecker, Hempstead, N. Y.
Application July 25, 1947, Serial No. 140,509
Term of patent 7 years
(Cl. D45—19)



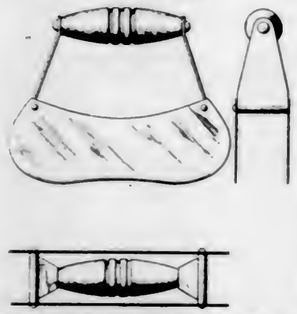
The ornamental design for a lapel ornament or similar article, as shown.

150,919
DESIGN FOR A LAPEL ORNAMENT OR SIMILAR ARTICLE
Arthur Bernecker, Hempstead, N. Y.
Application July 25, 1947, Serial No. 140,510
Term of patent 7 years
(Cl. D45—19)



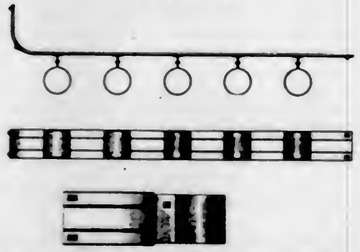
The ornamental design for a lapel ornament or similar article, as shown.

150,920
DESIGN FOR A FOOD MINCER
Mario A. Besozzi, Beechhurst, N. Y.
Application October 18, 1946, Serial No. 134,038
Term of patent 3½ years
(Cl. D89—1)



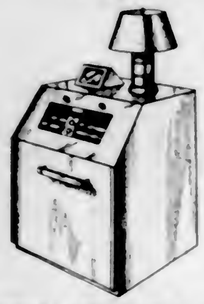
The ornamental design for a food mincer, substantially as shown.

150,921
DESIGN FOR A DRAPERY HANGER
William F. Binsack, Irondequoit, N. Y.
Application March 12, 1947, Serial No. 137,543
Term of patent 7 years
(Cl. D21—3)



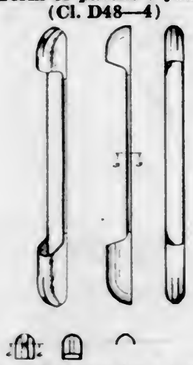
The ornamental design for a drapery hanger, substantially as shown.

150,922
DESIGN FOR A COMBINED RADIO CABINET, CLOCK, AND LAMP
Albert C. Black, Los Angeles, Calif.
Application February 11, 1947, Serial No. 136,830
Term of patent 3½ years
(Cl. D56—4)



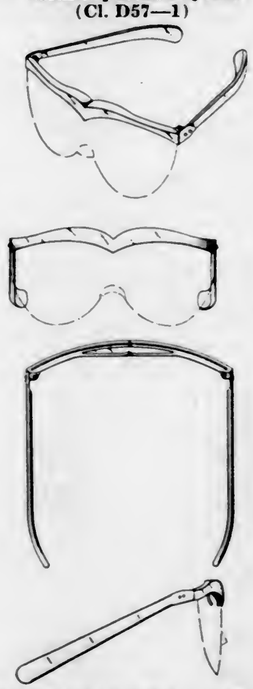
The ornamental design for a combined radio cabinet, clock, and lamp, as shown.

150,923
DESIGN FOR A TUBE LAMP FIXTURE
Allen O. Boutelle, Jefferson, and Robert C. Kuder, Fort Atkinson, Wis., assignors to Moe Brothers Manufacturing Company, Fort Atkinson, Wis., a corporation of Wisconsin
Application June 12, 1947, Serial No. 139,608
Term of patent 7 years
(Cl. D48—4)



The ornamental design for a tube lamp fixture, as shown and described.

150,924
DESIGN FOR SUN SPECTACLES
Roy L. Bright, Buffalo, N. Y., assignor to Du Bois Plastic Products, Inc., Buffalo, N. Y., a corporation of New York
Application April 18, 1947, Serial No. 138,472
Term of patent 14 years
(Cl. D57—1)



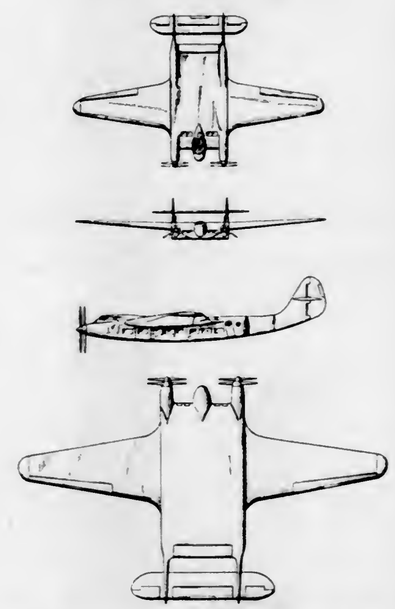
The ornamental design for sun spectacles, substantially as shown and described.

150,925
DESIGN FOR A RADIO CABINET
Robert D. Budlong, Skokie, Ill., assignor to Zenith Radio Corporation, a corporation of Illinois
Application December 10, 1947, Serial No. 143,094
Term of patent 14 years
(Cl. D56—4)



The ornamental design for a radio cabinet, as shown and described.

150,926
DESIGN FOR A TRANSPORT AIRPLANE
Vincent J. Burnelli, Red Bank, N. J.
Application March 6, 1946, Serial No. 127,154
Term of patent 14 years
(Cl. D71—1)



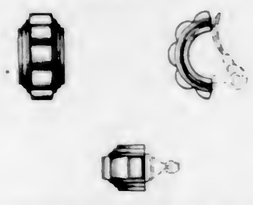
The ornamental design for a transport airplane, as shown.

150,927
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application February 11, 1948, Serial No. 144,405
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

150,928
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application February 11, 1948, Serial No. 144,407
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

150,929
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application February 11, 1948, Serial No. 144,408
Term of patent 7 years
(Cl. D45—9)



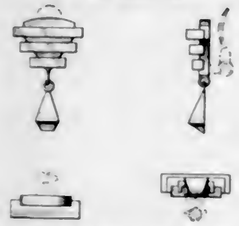
The ornamental design for an earring or similar article, substantially as shown.

150,930
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application February 11, 1948, Serial No. 144,409
Term of patent 7 years
(Cl. D45—9)



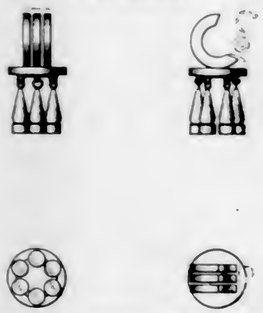
The ornamental design for an earring or similar article, substantially as shown.

150,931
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application February 11, 1948, Serial No. 144,410
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

150,932
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application February 11, 1948, Serial No. 144,411
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

150,933
DESIGN FOR A HOUSING FOR A SPACE HEATER
Harry J. Clark, Monrovia, Calif.
Application March 1, 1947, Serial No. 137,258
Term of patent 3½ years
(Cl. D81—19)



The ornamental design for a housing for a space heater, substantially as shown and described.

150,934
DESIGN FOR A SUIT
Sidney Cohen, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,409
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a suit, substantially as shown.

150,935
DESIGN FOR A SUIT
Sidney Cohen, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,410
Term of patent 3½ years
(Cl. D3—4)



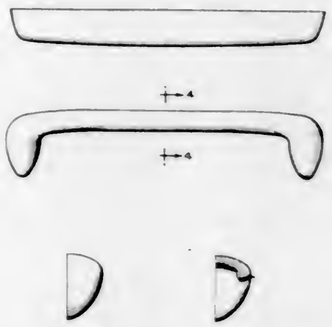
The ornamental design for a suit, substantially as shown.

150,936
DESIGN FOR A COMBINATION ORANGE JUICER AND LIQUEFYING UNIT
Benjamin Cooper, New York, N. Y., Albert F. Hohmann, Teaneck, N. J., and Alfons Bach, Stamford, Conn., said Hohmann and said Bach assignors to said Cooper
Application February 1, 1947, Serial No. 136,611
Term of patent 14 years
(Cl. D89—1)



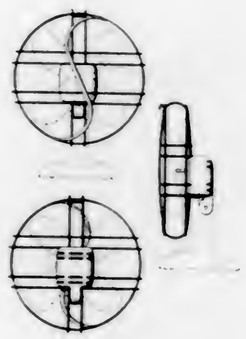
The ornamental design for a combination orange juicer and liquefying unit, as shown.

150,937
DESIGN FOR A HANDLE FOR COOKSTOVE OVEN DOORS
Montgomery Ferar, Detroit, Mich., assignor to Florence Stove Company, Gardner, Mass., a corporation of Massachusetts
Application April 11, 1947, Serial No. 138,319
Term of patent 7 years
(Cl. D81—25)



The ornamental design for a handle for cookstove oven doors, substantially as shown.

150,938
DESIGN FOR AN ELECTRIC FAN
Edmund W. Fruit, Chicago, Ill., assignor to R. T. Welsh, James E. Welsh, and Edmund W. Fruit, a partnership, doing business as J. Edmund Regor Company, Rockford, Ill.
Application March 10, 1947, Serial No. 137,475
Term of patent 7 years
(Cl. D26—7)



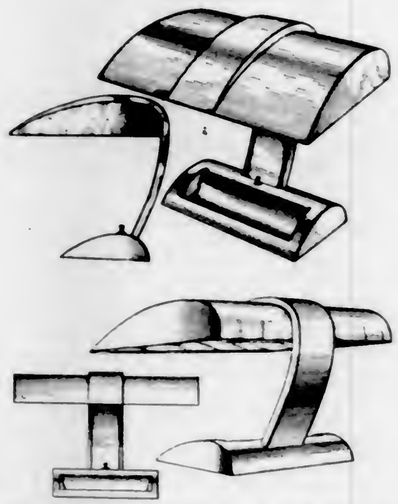
The ornamental design for an electric fan, substantially as shown and described.

150,939
DESIGN FOR AN ELECTRIC ORGAN
Paul M. Fuller, Buffalo, N. Y., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y., a corporation of Ohio
Application May 28, 1947, Serial No. 139,333
Term of patent 7 years
(Cl. D56—2)



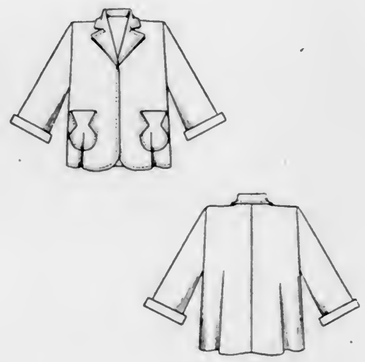
The ornamental design for an electric organ, substantially as shown.

150,940
DESIGN FOR A DESK LAMP OR THE LIKE
Herman L. Goebel, Chicago, Ill., assignor to Mitchell Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application September 4, 1946, Serial No. 133,048
Term of patent 14 years
(Cl. D48—20)



The ornamental design for a desk lamp or the like, as shown.

150,941
DESIGN FOR A JACKET
Harry Goldberg, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,412
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a jacket, substantially as shown.

150,942
DESIGN FOR A JACKET
Harry Goldberg, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,413
Term of patent 3½ years
(Cl. D3—4)



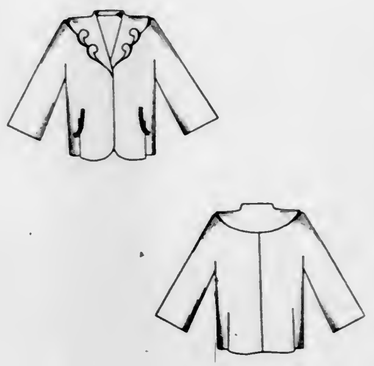
The ornamental design for a jacket, substantially as shown.

150,943
DESIGN FOR A JACKET
Harry Goldberg, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,415
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a jacket, substantially as shown.

150,944
DESIGN FOR A JACKET
Harry Goldberg, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,418
Term of patent 3½ years
(Cl. D3—4)



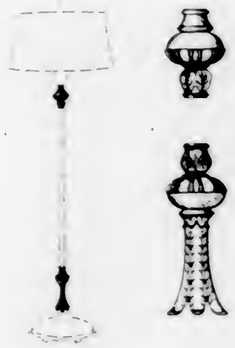
The ornamental design for a jacket, substantially as shown.

150,945
DESIGN FOR A COAT
Harry Goldberg, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,419
Term of patent 3½ years
(Cl. D3—4)



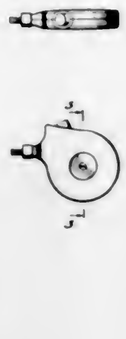
The ornamental design for a coat, substantially as shown.

150,946
DESIGN FOR A LAMP FIXTURE
Irving I. Gotliffe, New York, N. Y., assignor to Admiral Lamp Mfg. Corp., Chicago, Ill., a corporation of Illinois
Application April 14, 1947, Serial No. 138,351
Term of patent 7 years
(Cl. D48—20)



The ornamental design for a lamp fixture, substantially as shown and described.

150,947
DESIGN FOR A LEASH REEL HOUSING
Matthew R. Grandon, Beverly Hills, and Bruce Burns, Los Angeles, Calif.
Application July 19, 1946, Serial No. 131,708
Term of patent 3½ years
(Cl. D38—6)



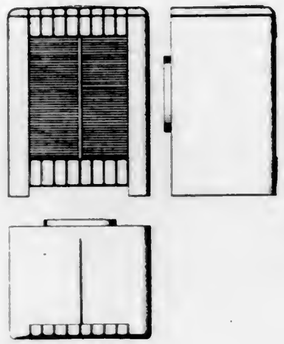
The ornamental design for a leash reel housing, substantially as shown.

150,948
DESIGN FOR A NONMETALLIC TEMPLE FOR SPECTACLES OR SIMILAR ARTICLE
Julius E. Hansen, Providence, R. I., assignor to Bay State Optical Company, Attleboro, Mass., a corporation of Maine
Application March 18, 1947, Serial No. 137,695
Term of patent 14 years
(Cl. D57—1)



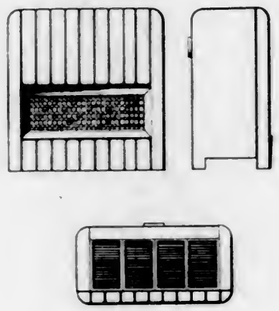
The ornamental design for a non-metallic temple for spectacles or similar article, substantially as shown.

150,949
DESIGN FOR A HEATER
Frederick Donald Hart, Nashville, Tenn., assignor to Tennessee Enamel Manufacturing Co., Nashville, Tenn., a corporation of Tennessee
Application October 30, 1947, Serial No. 142,227
Term of patent 14 years
(Cl. D81—19)



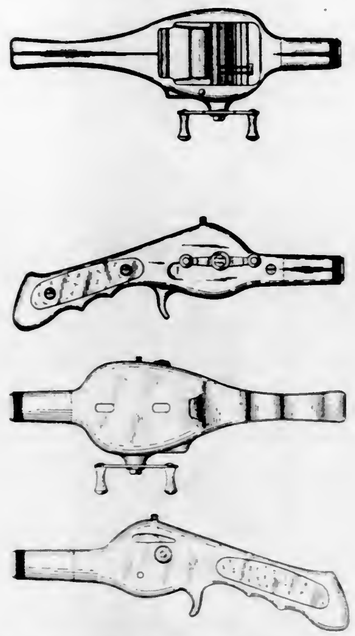
The ornamental design for a heater, as shown and described.

150,950
DESIGN FOR A HEATER
Frederick Donald Hart, Nashville, Tenn., assignor to Tennessee Enamel Manufacturing Co., Nashville, Tenn., a corporation of Tennessee
Application October 30, 1947, Serial No. 142,228
Term of patent 14 years
(Cl. D81—19)



The ornamental design for a heater, as shown and described.

150,951
DESIGN FOR A COMBINED FISHING ROD HANDLE AND REEL
Carson E. Hill, Ferndale, Mich.
Application June 27, 1946, Serial No. 131,068
Term of patent 7 years
(Cl. D31—4)



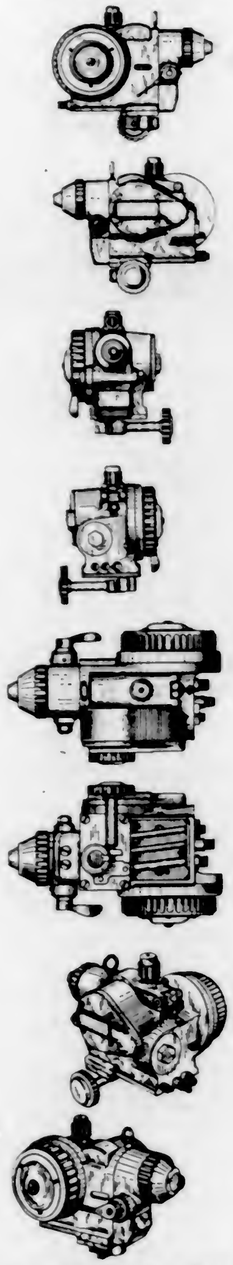
The ornamental design for a combined fishing rod handle and reel, substantially as shown.

150,952
DESIGN FOR A RING OR SIMILAR ARTICLE
Anton Hoeckele, Providence, R. I., assignor to Clark & Coombs Company, a corporation of Rhode Island
Application August 23, 1947, Serial No. 141,023
Term of patent 7 years
(Cl. D45—10)



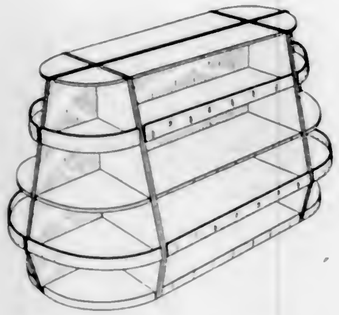
The ornamental design for a ring or similar article, substantially as shown and described.

150,953
DESIGN FOR A HEAT FUSIBLE MATERIAL SPRAY GUN
Herbert S. Ingham, Roslyn Estates, N. Y.
Application October 5, 1946, Serial No. 133,801
Term of patent 14 years
(Cl. D62—2)



The ornamental design for a heat fusible material spray gun, substantially as shown.

150,954
DESIGN FOR A SECTIONAL DISPLAY STAND UNIT
Neel S. Irwin, Weaverville, N. C.
Application July 26, 1946, Serial No. 131,985
Term of patent 14 years
(Cl. D80—9)



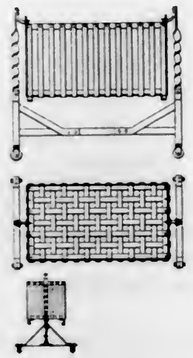
The ornamental design for a sectional display stand unit, as shown.

150,955
DESIGN FOR A KNIFE SHARPENER
Earl E. Jacobs, Dayton, Ohio
Application August 15, 1946, Serial No. 132,554
Term of patent 14 years
(Cl. D37—1)



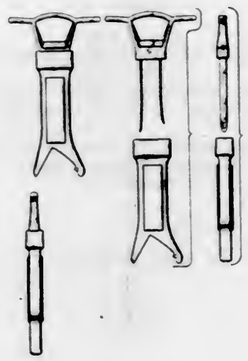
The ornamental design for a knife sharpener, substantially as shown and described.

150,956
DESIGN FOR A CRADLE
Frank E. Kabase, Birmingham, Ala.
Application July 18, 1946, Serial No. 131,674
Term of patent 14 years
Cl. D5—5)



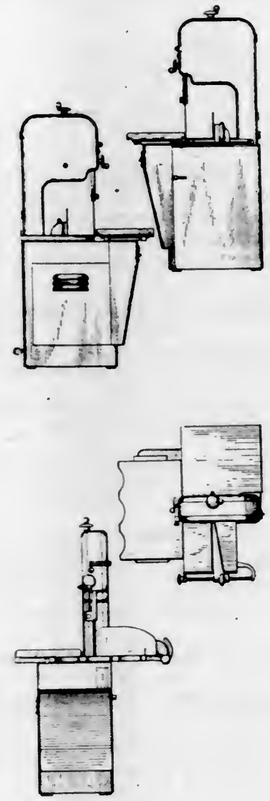
The ornamental design for a cradle, substantially as shown.

150,957
DESIGN FOR A COMBINED BOTTLE OPENER AND CORK REMOVER
Fritz Kahlen, New York, and Peter P. Jordan, Jackson Heights, N. Y.; said Jordan assignor to said Kahlen
Application January 2, 1947, Serial No. 135,903
Term of patent 14 years
(Cl. D44—29)



The ornamental design for a combined bottle opener and cork remover, as shown.

150,958
DESIGN FOR A MEAT SAW
Edward C. Karp, Belvidere, Ill.
Application August 5, 1946, Serial No. 132,292
Term of patent 14 years
(Cl. D55—1)



The ornamental design for a meat saw, as shown.

150,959
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application September 2, 1947, Serial No. 141,147
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

150,960
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,780
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,961
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,783
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

150,962
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,785
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,963
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,787
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,964
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,790
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,965
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,793
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,966
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,794
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,967
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,795
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,968
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,796
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,969
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,797
Term of patent 7 years
(Cl. D45—19)



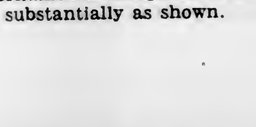
The ornamental design for a brooch or similar article, substantially as shown.

150,970
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,933
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,971
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,935
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,972
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 22, 1948, Serial No. 143,961
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,973
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 22, 1948, Serial No. 143,962
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,974
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 22, 1948, Serial No. 143,963
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,975
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,090
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,976
DESIGN FOR A CLIP OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,091
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a clip or similar article, substantially as shown.

150,977
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,092
Term of patent 7 years
(Cl. D45—19)



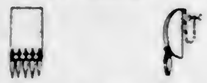
The ornamental design for a brooch or similar article, substantially as shown.

150,978
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,093
Term of patent 7 years
(Cl. D45—19)



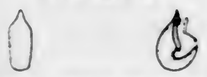
The ornamental design for a brooch or similar article, substantially as shown.

150,979
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,094
Term of patent 7 years
(Cl. D45—9)



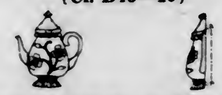
The ornamental design for an earring or similar article, substantially as shown.

150,980
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,095
Term of patent 7 years
(Cl. D45—9)



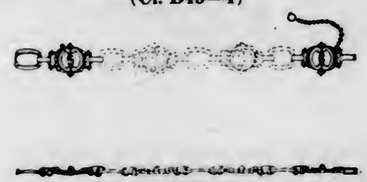
The ornamental design for an earring or similar article, substantially as shown.

150,981
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 27, 1948, Serial No. 144,098
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

150,982
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,161
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

150,983
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,168
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

150,984
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,169
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

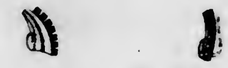
614 O. G.—35

150,985
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,170
Term of patent 7 years
(Cl. D45—19)



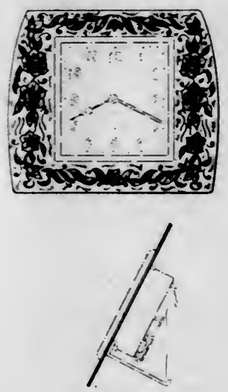
The ornamental design for a brooch or similar article, substantially as shown.

150,986
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,171
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

150,987
DESIGN FOR A COMBINED CLOCK AND SUPPORTING EASEL THEREFOR
Samuel J. Kaufman, New York, N. Y.
Application March 22, 1948, Serial No. 145,265
Term of patent 3½ years
(Cl. D42—7)



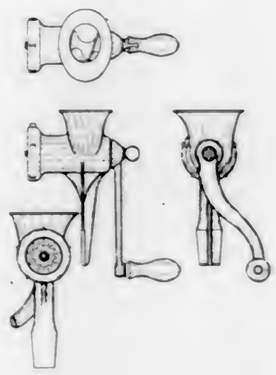
The ornamental design for a combined clock and supporting easel therefor, substantially as shown and described.

150,988
DESIGN FOR A FISH LURE
Arthur Clifford Kinard, El Dorado, Ark., assignor of one-half to L. L. Pyle, El Dorado, Ark.
Application June 28, 1946, Serial No. 131,137
Term of patent 14 years
(Cl. D31—4)



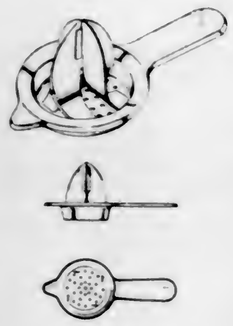
The ornamental design for a fish lure, as shown and described.

150,989
DESIGN FOR A FOOD CHOPPER AND GRINDER
Herbert J. Kline, Jackson, Mich., assignor, by mesne assignments, to National Die Casting Company, Chicago, Ill., a corporation of Illinois
Application June 28, 1946, Serial No. 131,128
Term of patent 14 years
(Cl. D89—1)



The ornamental design for a food chopper and grinder, as shown.

150,990
DESIGN FOR A COMBINED FRUIT REAMER AND STRAINER
Carl G. Krieger, Mason City, Iowa
Application April 18, 1947, Serial No. 138,475
Term of patent 14 years
(Cl. D89—1)



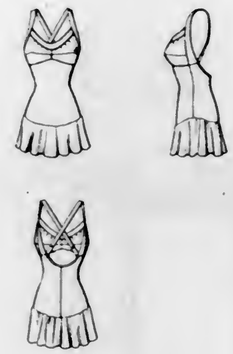
The ornamental design for a combined fruit reamer and strainer, as shown.

150,991
DESIGN FOR A TWO-PIECE SWIM SUIT
Margit Fellegi Laszlo, Los Angeles, Calif., assignor to Cole of California, Inc., a corporation of California
Application March 25, 1947, Serial No. 137,874
Term of patent 7 years
(Cl. D3—17)



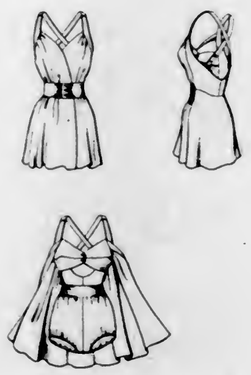
The ornamental design for a two-piece swim suit, as shown.

150,992
DESIGN FOR A SWIM SUIT
Margit Fellegi Laszlo, Los Angeles, Calif., assignor to Cole of California, Inc., a corporation of California
Application March 25, 1947, Serial No. 137,875
Term of patent 7 years
(Cl. D3—17)



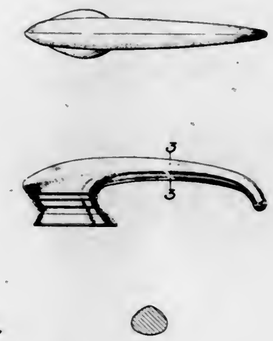
The ornamental design for a swim suit, as shown.

150,993
DESIGN FOR A PLAY SUIT
Margit Fellegi Laszlo, Los Angeles, Calif., assignor to Cole of California, Inc., a corporation of California
Application March 25, 1947, Serial No. 137,876
Term of patent 7 years
(Cl. D3—17)



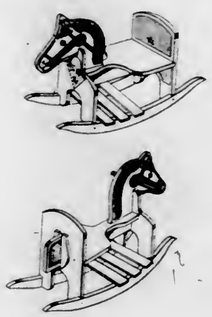
The ornamental design for a play suit, as shown.

150,994
DESIGN FOR AN OUTSIDE DOOR HANDLE OR SIMILAR ARTICLE FOR AN AUTOMOTIVE VEHICLE
Henry de S. Lauve, Huntington Woods, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 3, 1947, Serial No. 135,928.
Term of patent 7 years
(Cl. D10—8)



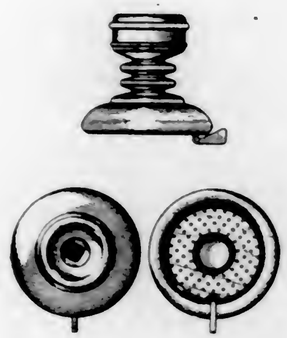
The ornamental design for an outside door handle or similar article for an automotive vehicle, substantially as shown.

150,995
DESIGN FOR A ROCKING HORSE
Carlton O. Leftwich, Lynchburg, Va.
Application May 21, 1946, Serial No. 129,965
Term of patent 14 years
(Cl. D34—15)



The ornamental design for a rocking horse, as shown.

150,996
DESIGN FOR A FAUCET ATTACHMENT
Carl E. Lehman, Evanston, Ill.
Application April 29, 1947, Serial No. 138,692
Term of patent 14 years
(Cl. D91—3)



The ornamental design for a faucet attachment, as shown.

150,997
DESIGN FOR A LECTERN
Albert T. Long, Baltimore, Md.
Application July 24, 1947, Serial No. 140,489
Term of patent 14 years
(Cl. D33—10)



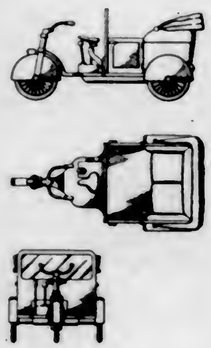
The ornamental design for a lectern, as shown.

150,998
DESIGN FOR A CABINET FOR SOUND RECEIVING AND TRANSMITTING APPARATUS
Fred L. Meagher, New York, N. Y., assignor to Jordanoff Corporation, New York, N. Y., a corporation of New York
Application September 12, 1947, Serial No. 141,345
Term of patent 3½ years
(Cl. D56—4)



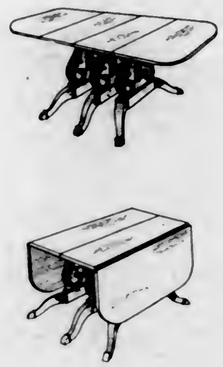
The ornamental design for a cabinet for sound receiving and transmitting apparatus, substantially as shown.

150,999
DESIGN FOR A MOTOR VEHICLE
Gregory Miller and Monte Sinderman, Los Angeles, Calif.
Application October 14, 1946, Serial No. 133,944
Term of patent 3½ years
(Cl. D14—3)



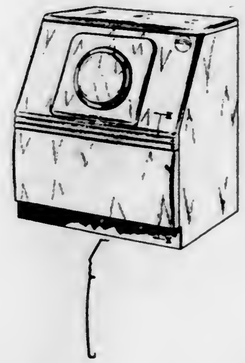
The ornamental design for a motor vehicle, as shown and described.

151,000
DESIGN FOR A DROP-LEAF EXTENSION TABLE
Cedric E. Millspaugh, Westlake, Ohio, assignor to Union-National, Inc., Jamestown, N. Y., a corporation of New York
Application March 27, 1947, Serial No. 137,939
Term of patent 14 years
(Cl. D33—14)



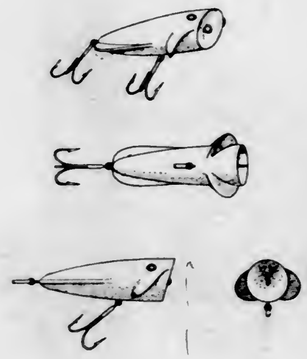
The ornamental design for a drop-leaf extension table, substantially as shown.

151,001
DESIGN FOR A LAUNDRY MACHINE
Frederick W. Perl, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application December 18, 1947, Serial No. 143,213
Term of patent 14 years
(Cl. D49—1)



The opposite end of the laundry machine not in view is similar in appearance to the end shown.

151,002
DESIGN FOR AN ARTIFICIAL BAIT
William L. Raschke, Fort Worth, Tex.
Application November 25, 1946, Serial No. 135,049
Term of patent 7 years
(Cl. D31—4)



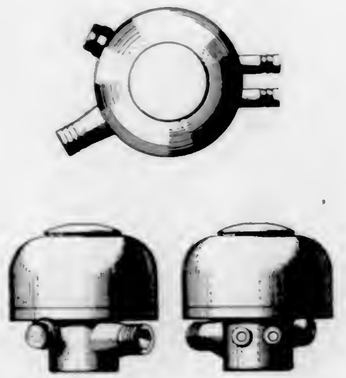
The ornamental design for an artificial bait, substantially as shown.

151,003
DESIGN FOR A MILKING MACHINE CLAW
Emanuel Rawson, Chicago, Ill.
Application October 17, 1946, Serial No. 134,010
Term of patent 3½ years
(Cl. D23—1)



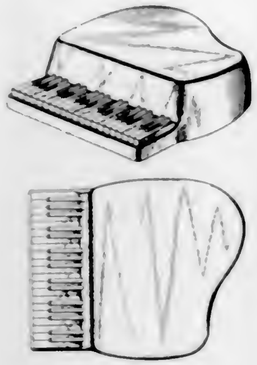
The ornamental design for a milking machine claw, substantially as shown.

151,004
DESIGN FOR A MILKING MACHINE PULSATOR
Emanuel Rawson, Chicago, Ill.
Application October 24, 1946, Serial No. 134,211
Term of patent 3½ years
(Cl. D23—1)



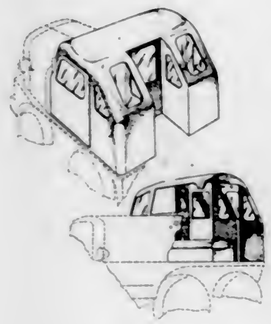
The ornamental design for a milking machine pulsator, substantially as shown.

151,005
DESIGN FOR A MINIATURE PIANO
Harold B. Rhodes, Hollywood, Calif.
Application October 25, 1946, Serial No. 134,243
Term of patent 14 years
(Cl. D56—9)



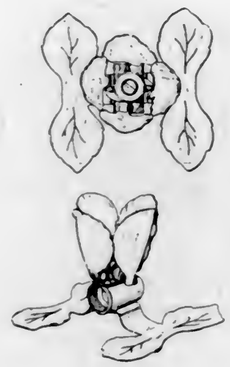
The ornamental design for a miniature piano, substantially as shown.

151,006
DESIGN FOR A MOTOR POWER VEHICLE CAB
Emery Rossner, Brooklyn, N. Y., assignor to Milford Crane & Machine Co., Milford, Conn., a corporation of Connecticut
Application October 19, 1946, Serial No. 134,084
Term of patent 14 years
(Cl. D14—3)



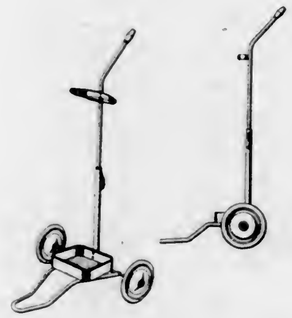
The ornamental design for a motor power vehicle cab, substantially as shown and described.

151,007
DESIGN FOR A LAWN SPRINKLER
Corey L. Russell, Milwaukee, Wis.
Application February 17, 1947, Serial No. 136,949
Term of patent 14 years
(Cl. D91—1)



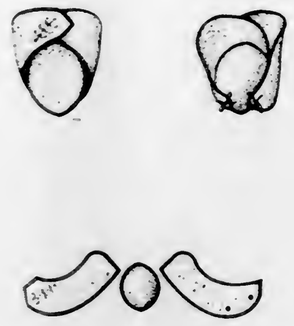
The ornamental design for a lawn sprinkler, substantially as shown.

151,008
DESIGN FOR A GOLF BAG CARRIER
Carl T. Rycraft, Burbank, Calif.
Application May 20, 1946, Serial No. 129,914
Term of patent 7 years
(Cl. D14—3)



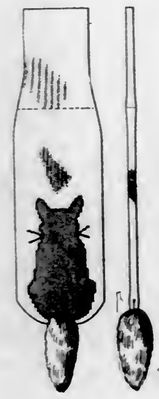
The ornamental design for a golf bag carrier, substantially as shown.

151,009
DESIGN FOR A HAT
Ella Sawtell, Portland, Oreg.
Application October 28, 1946, Serial No. 134,321
Term of patent 7 years
(Cl. D3—13)



The ornamental design for a hat, substantially as shown.

151,010
DESIGN FOR A CAP
Walter E. Schuessler, Chicago, Ill., assignor to Schuessler Knitting Mills, Inc., Chicago, Ill., a corporation of Illinois
Application March 31, 1947, Serial No. 138,054
Term of patent 7 years
(Cl. D3—13)



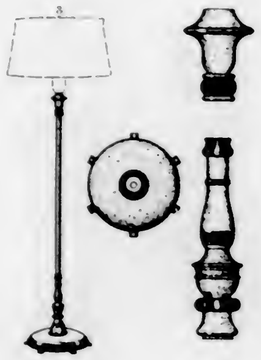
The ornamental design for a cap, as shown and described.

151,011
DESIGN FOR A CAP
Walter E. Schuessler, Chicago, Ill., assignor to Schuessler Knitting Mills, Inc., Chicago, Ill., a corporation of Illinois
Application March 31, 1947, Serial No. 138,055
Term of patent 7 years
(Cl. D3—13)



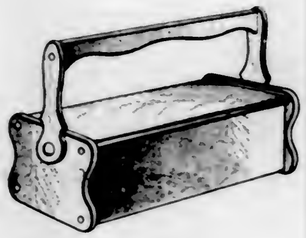
The ornamental design for a cap, as shown and described.

151,012
DESIGN FOR A LAMP FIXTURE
Frederick Schwartz, Chicago, Ill.
Application April 14, 1947, Serial No. 138,349
Term of patent 7 years
(Cl. D48—20)



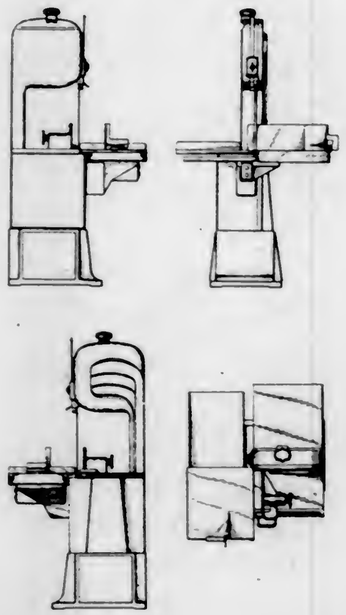
The ornamental design for a lamp fixture, substantially as shown and described.

151,013
DESIGN FOR A SEWING CABINET
Edmond J. Spence, New York, N. Y., assignor to Selrite, Inc., New York, N. Y., a corporation of New York
Application October 25, 1946, Serial No. 134,227
Term of patent 3½ years
(Cl. D3—19)



The ornamental design for a sewing cabinet, substantially as shown, and described.

151,014
DESIGN FOR A MEAT CUTTING MACHINE
Ezekiel C. Steiner, Los Angeles, Calif.
Application October 12, 1946, Serial No. 133,913
Term of patent 3½ years
(Cl. D55—1)



The ornamental design for a meat cutting machine, substantially as shown.

151,015
DESIGN FOR A PORTABLE ELECTRIC HEATER
Harry L. Stiles, Chicago, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application October 10, 1947, Serial No. 141,856
Term of patent 14 years
(Cl. D81—19)



The ornamental design for a portable electric heater, as shown.

151,016
DESIGN FOR A SUIT
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,751
Term of patent 3½ years
(Cl. 3—4)



The ornamental design for a suit, substantially as shown.

151,017
DESIGN FOR A SUIT
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,754
Term of patent 3½ years
(Cl. 3—4)



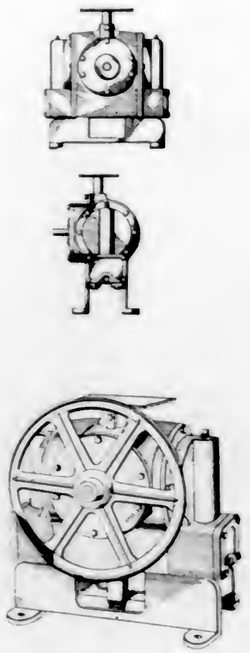
The ornamental design for a suit, substantially as shown.

151,018
DESIGN FOR A SUIT
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,755
Term of patent 3½ years
(Cl. 3—4)



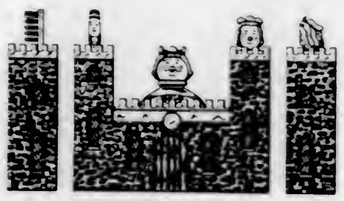
The ornamental design for a suit, substantially as shown.

151,019
DESIGN FOR A WELL PUMP
Elmer E. Theis, Memphis, Tenn., assignor to Ace Pump Corporation, Memphis, Tenn., a corporation of Tennessee
Application April 11, 1946, Serial No. 128,487
Term of patent 3½ years
(Cl. D65—1)



The ornamental design for a well pump, substantially as shown and described.

151,020
DESIGN FOR A DENTAL SUPPLY KIT
Katharine G. Van Dyk, Scarsdale, N. Y.
Application July 30, 1946, Serial No. 132,114
Term of patent 14 years
(Cl. D58—14)

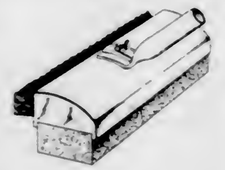


151,020—Continued



The ornamental design for a dental supply kit, as shown and described.

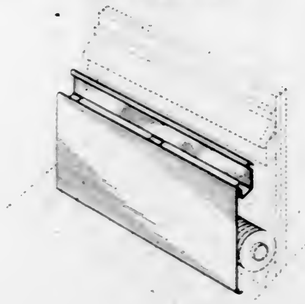
151,021
DESIGN FOR A COMBINATION MOPHEAD UNIT
Peter S. Vosbikian and Thomas S. Vosbikian, Melrose, Pa.
Application December 6, 1947, Serial No. 143,001
Term of patent 14 years
(Cl. D9—2)





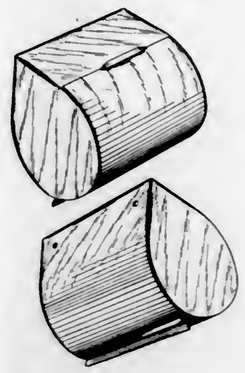
The ornamental design for a combination mop head unit, as shown and described.

151,022
DESIGN FOR A BASEBOARD RADIATOR SHIELD UNIT
Henry J. Weber, Franklinville, and Donald F. Bennett, Haddonfield, N. J., assignors to Warren Webster & Company, Camden, N. J., a corporation of New Jersey
Application July 26, 1946, Serial No. 132,009
Term of patent 7 years
(Cl. D81—21)



The ornamental design for a baseboard radiator shield unit, substantially as shown.

151,023
DESIGN FOR A TOILET ROLL RECEPTACLE
John N. Wood, Media, Pa.
Application October 28, 1946, Serial No. 134,329
Term of patent 14 years
(Cl. D4—3)



The ornamental design for a toilet roll receptacle, as shown.

Official Gazette

UNITED STATES PATENT OFFICE

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CHARLES SAWYER, *Secretary*

U. S. Patent Office

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Trade-Marks	76—No.	440,678 to No.	440,753, inclusive
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T. M. Renewals	104		
Reissues	3—No.	23,039 to No.	23,041, inclusive
Plant Patents	2—No.	806 to No.	807, inclusive
Patents	432—No.	2,449,537 to No.	2,449,968, inclusive
Designs	92—No.	151,024 to No.	151,115, inclusive
Total	922		

Patents expiring: Patent Numbers 1,823,870 to 1,824,757, inclusive, issued September 22, 1931, expire September 22, 1948

Condition of Applications Under Examination at Close of Business Aug. 31, 1948

Total number of patent applications awaiting action, 155,654. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	3-19-47	1-23-47	2855
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-2-47	8-12-46	3072
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	11-4-47	11-7-47	1472
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	1-2-47	2-8-47	3960
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	1-27-47	9-3-46	1861
6. SURLE, H., Carbon Chemistry (part)	9-24-47	8-9-47	1848
7. HANLIN, GEORGE, Optics; Photographic Apparatus	12-1-47	7-21-47	1683
8. LEWIS, R. O. (Acting), Furniture; Racks and Cabinets	11-15-46	7-16-46	4413
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	6-5-47	1-7-47	2236
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	12-6-47	11-12-47	1714
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	11-18-46	12-22-47	766
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	9-24-47	9-6-46	2139
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	9-3-46	2422
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	11-8-47	9-3-47	1374
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	6-7-47	2-12-47	2105
16. LOVEWELL, N. N., Television; Telephony	10-15-47	6-12-47	1482
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	2-27-47	9-18-46	2104
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combusion Engines.	6-12-47	8-28-46	1982
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	7-19-47	12-4-46	1946
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	3-10-47	11-18-46	2026
21. MADER, R. C., Textiles	10-11-47	8-7-47	1211
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	10-2-47	11-13-46	1751
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	9-6-47	7-24-46	1245
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	8-25-47	8-5-47	2606
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	9-20-47	1-20-47	1776
26. YOUNG, R. R., Electricity—Generation and Motive Power	12-4-47	11-20-46	1330
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	6-16-47	12-4-46	3400
28. SOLYOM, H. L., Heating; Internal-Combustion Engines (part); Cylinders; Pistons	7-24-47	7-30-47	1098
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	2-4-47	1-9-47	3179
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	12-1-47	7-5-47	1309
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	12-11-47	12-9-47	2176
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	2-29-47	9-20-46	3220
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	1-2-47	9-5-46	3509
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	12-31-46	8-19-46	1546
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	4-17-47	10-17-46	3269
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11-4-46	9-9-46	1965
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	10-27-47	2-7-47	1421
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	6-3-47	4-19-47	1901
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	3-7-47	7-27-46	3004
40. DRUMMOND, E. J., Receptacles (part); Packages	10-17-47	10-16-46	3253
41. HERTZ, M., Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	1-8-47	9-4-46	2353
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	12-11-47	10-17-47	1195
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	11-12-47	10-10-47	1352
44. HARVEY, L. P., Refrigeration; Preserving	9-28-46	7-22-46	1102
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	2-7-47	9-23-46	2934
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	5-17-47	8-2-46	1893

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 155,654. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	11-26-47	6-21-47	2206
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	12-1-47	2-24-47	1564
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	1-3-47	5-28-47	1548
50. LEVIN, SAMUEL, Synthetic Resins	11-24-47	7-9-47	2200
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	12-1-47	5-6-47	1835
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	9-22-47	12-9-46	3872
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	3-7-47	8-5-46	3676
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	12-2-47	6-13-47	1794
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	7-1-47	5-15-47	2007
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	10-21-47	10-8-47	1058
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys.	11-2-46	8-24-46	3630
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-17-46	10-24-46	2150
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	7-22-47	3-10-47	1981
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	12-16 47	5-7-47	1450
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-7-46	3577
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	4-2-47	9-3-46	1975
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-8-47	7-3-47	1499
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	1-26-48	1-22-48	1649
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	12-3-47	5-27-47	2078
66. LISANN, L., Geometrical Instruments	3-29-47	4-16-46	2111
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	6-21-47	4-12-47	2064
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	12-18-47	6-17-47	1469
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	5-8-47	11-1-46	1766
DESIGNS: BREHM, G. L.	1-2-47	1-2-48	7867

Total number of trade-mark applications awaiting action (including renewals and republications), 40,802. Date of oldest new application, Aug. 19, 1947; date of oldest amended application, Mar. 5, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	11-28-47	6-10-48	3108
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-15-47	3-16-48	5469
3. SUMMERS, G. S., Classes 13, 21, 23, 26	8-19-47	3-22-48	4721
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-23-47	3-24-48	4476
5. RACKNOR, M., Classes 8, 17, 20 24, 25, 32, 37, 38, 45, 47, 48, 49	10-1-47	3-11-48	3479
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-14-47	6-5-48	3340
7. KEYS, O. M., Classes 16, 19, 55	9-2-47	3-5-48	2225
8. GEDIMAN, H. W. {Renewals / Republications} All Classes	7-8-48	8-7-48	73
	10-6-47	8-10-48	13911

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Ackerman-Johnson Co., Chicago, Ill. Fastening devices. Serial No. 527,543, Sept. 21. Class 13.

Acme Backing Corporation, New York and Brooklyn, N. Y. Processed cotton drill fabric. Serial No. 499,306, Sept. 21. Class 42.

Acme Plastic Henger Co., Inc., Brooklyn, N. Y. Plastic garment hangers. Serial No. 543,376, Sept. 21. Class 50.

Advance Electric and Relay Co., Los Angeles, Calif. Battery chargers. Serial No. 544,679, Sept. 21. Class 21.

Airadio, Incorporated, Stamford, Conn. Radio receivers, transmitters, electrical sound recording apparatus, etc. Serial No. 534,859, Sept. 21. Class 21.

Aktiebolaget Mölnbacka A-Trysil, Forshaga, Sweden. Bleached sulphite pulp for the manufacture of paper and rayon. Serial No. 490,616, Sept. 21. Class 1.

Alkay Products: *See*—
Katz, Abraham.

Allen Innovations, Inc., New York, N. Y. Slide fasteners. Serial No. 528,155, Sept. 21. Class 13.

Allied Chemical & Dye Corporation, New York, N. Y. Tar-like liquid bituminous material. Serial No. 518,864, Sept. 21. Class 1.

Allied Kid Company, Boston, Mass. Mouton furs and patent and side leathers. Serial No. 541,484, Sept. 21. Class 1.

Almay, Inc., New York, N. Y. Face powder, lipstick, rouge, etc. Serial No. 515,355, Sept. 21. Class 6.

Aloe, A. S., Company, St. Louis, Mo. Hospital and doctors' office furniture. Serial No. 528,176, Sept. 21. Class 32.

Amea Oil Co., Brooklyn, N. Y. Edible oil. Serial No. 514,877, Sept. 21. Class 46.

American Cyanamid Company, New York, N. Y. Synthetic thermosetting resins and plastics of the polyester type. Serial No. 529,480, Sept. 21. Class 1.

Amphac Pacific Labs., Everett, Wash. Medicinal preparation. Serial No. 549,192, Sept. 21. Class 6.

Amplifier Corp. of America, New York, N. Y. Magnetic sound recording and reproducing apparatus and parts thereof. Serial No. 533,520, Sept. 21. Class 21.

Amplifier Corp. of America, New York, N. Y. Magnetic sound recording and playback apparatus and parts thereof. Serial No. 533,521, Sept. 21. Class 21.

Anco Corporation, Pittsburgh, Pa. Sash cord, clothesline, and rope. Serial No. 546,940, Sept. 21. Class 7.

Animal Trap Company of America, Lititz, Pa. Animal bait in the nature of a lure. Serial No. 517,880, Sept. 21. Class 22.

Ansul Chemical Company, Marinette, Wis. Portable hand and wheel-mounted fire extinguishing equipment. Serial No. 498,195, Sept. 21. Class 23.

Arrow-Hart & Hegeman Electric Company, The, Hartford, Conn. Electric switches. Serial No. 532,993, Sept. 21. Class 21.

Arrowhead Rubber Company, Vernon, Calif. The following items, made wholly or in part from rubber or rubber substitutes or from synthetic resins: nonmetallic washers, nonmetallic faucet cushions, nonmetallic spacers, etc. Serial No. 510,994, Sept. 21. Class 35.

Arrowhead Water Softening Equipment Co., Los Angeles, Calif. Zeolite synthetic mineral water softening equipment. Serial No. 529,543, Sept. 21. Class 31.

Artex-Green Corporation, New York, N. Y. Protective table pads and table mats. Serial No. 497,222, Sept. 21. Class 50.

Artoys Inc., Brooklyn, N. Y. Toys. Serial No. 500,729, Sept. 21. Class 22.

Atlas Powder Company, Wilmington, Del. Emulsifying, dispersing, solubilizing, and wetting agents. Serial No. 543,872, Sept. 21. Class 6.

Auto-Chlor System, Inc., Memphis, Tenn. Chemical solutions. Serial No. 550,378, Sept. 21. Class 6.

Autographic Register Company, Hoboken, N. J. Carbon discs. Serial No. 527,567, Sept. 21. Class 11.

Auto-Lite Battery Corporation, Niagara Falls, N. Y. Electric storage batteries and parts thereof. Serial No. 544,025, Sept. 21. Class 21.

Avco Manufacturing Corporation, Cincinnati, Ohio. Electric ranges. Serial No. 536,989, Sept. 21. Class 21.

Babbitt, B. T., Inc., New York, N. Y. Lye. Serial No. 529,863, Sept. 21. Class 6.

Bacon Associates: *See*—
Bacon, John A.

Bacon, John A., doing business as Bacon Associates, Chicago, Ill. Combined sun tan lotion and insect repellent. Serial No. 533,974, Sept. 21. Class 6.

Baker Extract Company, Springfield, Mass. Root beer and birch beer extracts. Serial No. 530,158, Sept. 21. Class 45.

Bata Shoe Company, Inc., New York, N. Y. and Belkamp, Md. Shoes, slippers, sneakers, overshoes, etc. Serial No. 535,118, Sept. 21. Class 39.

Bata Shoe Company, Inc., New York, N. Y., and Belkamp, Md. Shoes, slippers, sneakers, overshoes, etc. Serial No. 535,119, Sept. 21. Class 39.

Beaver Pipe Tools, Inc., Warren, Ohio. Pipe working machines, threading machines, reaming machines, etc. Serial No. 492,303, Sept. 21. Class 23.

Beneficial Industrial Loan Corporation, Wilmington, Del. Services rendered in the small loan business, etc. Serial No. 527,276, Sept. 21. Class 55.

Bennett, Paul E., doing business as Oralaid Company, Toledo, Ohio. Paste-like modality. Serial No. 543,268, Sept. 21. Class 6.

Beverage Distributors, Inc., doing business as Marlboro Beverage Company, assignee of Safeway Stores Incorporated, doing business as Marlboro Beverage Company, San Francisco, Calif. Non-alcoholic, non-cereal, malt-less beverages. Serial No. 519,102, Sept. 21. Class 45.

Bin-Hay Corporation, Rochester, N. Y. Hangers or brackets for draperies, curtains, and the like. Serial No. 532,799, Sept. 21. Class 13.

Blomgren, Theodore O., St. Louis Park, Minn. Temperature responsive circuit control switches. Serial No. 514,933, Sept. 21. Class 26.

Blue Ridge Textile Co., Inc., Bangor, Pa. Fabrics of nylon sold by the square yard. Serial No. 550,779, Sept. 21. Class 42.

Boehm, Paul F., doing business as Instrumaster Industries, Greenwich, Conn. Instruments for draftsmen. Serial No. 498,750–1, Sept. 21. Class 26.

Borg-Warner Corporation, Chicago, Ill. Mechanical power transmissions, clutches, fluid wheels for power transmission through fluid means, etc. Serial No. 480,734, Sept. 21. Class 23.

Botany Mills, Inc., Passaic, N. J. Woolen fabrics in the piece. Serial No. 550,576, Sept. 21. Class 42.

Boye Needle Company, The, Chicago, Ill. Sewing-machine belts. Serial No. 539,804, Sept. 21. Class 35.

Bracker, Joe, doing business as Bracker Vegetable Sales Company, Los Angeles and Santa Barbara, Calif. Fresh vegetables. Serial No. 522,664, Sept. 21. Class 46.

Bracker Vegetable Sales Company: *See*—
Bracker, Joe.

Breeze Corporation, Inc., Newark, N. J. Casings. Serial No. 483,167, Sept. 21. Class 21.

British Cod Liver Oils (Hull & Grimsby) Limited, Hull, England. Cod liver oils and by-products thereof. Serial No. 509,393, Sept. 21. Class 6.

Brown & Bigelow, St. Paul, Minn. Billfolds. Serial No. 560,182, Sept. 21. Class 3.

Buettner, T., & Co., Inc., Chicago, Ill. Embroidery patterns, novelty crochet and featheredge braids, etc. Serial No. 537,550, Sept. 21. Class 40.

Beuttner, T., & Co., Inc., Chicago, Ill. Threads, yarns, and cottons for embroidering and crocheting. Serial No. 537,554, Sept. 21. Class 43.

Bunn, S. H., Company, Chicago, Ill. Package tying machines. Serial No. 528,689, Sept. 21. Class 23.

Bunte Brothers, Chicago, Ill. Moulded chocolate candies. Serial No. 484,664, Sept. 21. Class 46.

Burgess Battery Company, Freeport, Ill. Dry batteries. Serial No. 527,755, Sept. 21. Class 21.

Burgess Battery Company, Freeport, Ill. Dry batteries and electric hand lamps, etc. Serial No. 544,520, Sept. 21. Class 21.

Burroughs Adding Machine Company, Detroit, Mich. Electrical appliances. Serial No. 523,146, Sept. 21. Class 21.

Burroughs Adding Machine Company, Detroit, Mich. Electrical appliances. Serial No. 527,356, Sept. 21. Class 21.

Burroughs Wellcome & Co. (U. S. A.), Inc., New York, N. Y. Antivotic preparation. Serial No. 539,646, Sept. 21. Class 6.

Buxton, Incorporated, Springfield, Mass. Leather pocket wallets and billfolds. Serial No. 543,092, Sept. 21. Class 3.

Byer-Rolnick Company, Garland, Tex. Men's hats. Serial No. 546,280, Sept. 21. Class 39.

California Fruit Exchange, Sacramento, Calif. Fresh deciduous fruits. Serial No. 511,375, Sept. 21. Class 46.

California Grape Products Co., Ltd., New York, N. Y. Wines. Serial No. 537,000, Sept. 21. Class 47.

Cameraflex Corp. New York, N. Y. Cameras and projectors, etc. Serial No. 509,915, Sept. 21. Class 26.

Cannon Electric Development Company: *See*—
Cannon, James H.

Cannon, James H., doing business as Cannon Electric Development Company, Los Angeles, Calif. Electric equipment and parts therefor. Serial No. 516,460, Sept. 21. Class 21.

Cannon Shoe Company, Baltimore, Md. Shoes. Serial No. 515,069, Sept. 21. Class 39.

Cannon Shoe Company, Baltimore, Md. Shoes. Serial No. 515,074, Sept. 21. Class 39.

Canuet Freres, Paris, France. Beads and metal spangles in the nature of trimmings. Serial No. 520,263, Sept. 21. Class 40.

Carpenter Steel Company, The, Reading, Pa. Nickel alloy. Serial No. 517,117, Sept. 21. Class 14.

Carr, Adams & Collier Company, Dubuque, Iowa. Windows and door frames. Serial No. 545,582, Sept. 21. Class 12.

Cat's Paw Rubber Company, Inc., Baltimore, Md. Rubber cement. Serial No. 540,247, Sept. 21. Class 5.

Celanese Corporation of America, New York, N. Y. Chemicals. Serial No. 541,810, Sept. 21. Class 6.

Champion Textile Finishing Company, Chicago, Ill. Waterproofing, flameproofing, mildew-proofing of woven fabric cloth. Serial No. 537,984, Sept. 21. Class 55.

Charles of The Ritz Distributors Corp., New York, N. Y. Lipsticks, face powder, rouge, toilet water, etc. Serial No. 544,326, Sept. 21. Class 6.

Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Brass, copper, and nonferrous alloy sheets, rods, and wire, and silver solder. Serial No. 541,916, Sept. 21. Class 14.

Chicago Flexible Shaft Company, now by change of name to Sunbeam Corporation, Chicago, Ill. Buffet service sets. Serial No. 488,196, Sept. 21. Class 21.

Church & Dwight Co., Inc., New York, N. Y. Bicarbonate of soda. Serial No. 526,748, Sept. 21. Class 4.

Cincinnati Cotton Products Company, The, Cincinnati, Ohio. Shroud cloths made of cotton. Serial No. 537,874, Sept. 21. Class 42.

Cincinnati Tool Company, The, Norwood, Ohio. C-clamps. Serial No. 530,719, Sept. 21. Class 23.

Clark Thread Company, The, Wilmington, Del., and Clarksdale, Ga. Thread. Serial No. 533,539, Sept. 21. Class 43.

Cleveland Frog & Crossing Co., Cleveland, Ohio. Mechanical switches and switch stands. Serial No. 529,963, Sept. 21. Class 23.

Coast Laboratories, Atlantic City, N. J.. Salve. Serial No. 549,617, Sept. 21. Class 6.

Coats, J. & P., (R. I.) Inc., Pawtucket, R. I. Rubberized thread. Serial No. 533,144, Sept. 21. Class 43.

Cohen, Abe H., Pittsburgh, Pa. Drawing room game. Serial No. 528,086, Sept. 21. Class 22.

Cohen, George, Sons & Company, Limited, London, England. Powder of iron or other base metal. Serial No. 537,157, Sept. 21. Class 14.

Colorado Fuel and Iron Corporation, The, Denver, Colo. Wire, wire rope, and cables. Serial No. 540,982, Sept. 21. Class 7.

Colson, Georges R., Paris, France. Wigs of all descriptions. Serial No. 545,716, Sept. 21. Class 40.

Consolidated Textile Co., Inc., New York, N. Y. Piece goods of cotton and piece goods of a mixture of cotton and rayon. Serial No. 550,311, Sept. 21. Class 42.

Corona Soapcrafters: *See*—
Rothschild, Lee.

Crafto Inc., Denver, Colo. Toy model kits. Serial No. 506,427, Sept. 21. Class 22.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,103, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,106, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,109, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,111, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,115, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,120, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,130, Sept. 21. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 543,143, Sept. 21. Class 42.

Crompton Company, West Warwick, R. I. Fabrics in the piece composed of cotton, wool, silk, etc. Serial No. 550,127, Sept. 21. Class 42.

Cudahy Packing Company, The, Chicago, Ill. Laundry bar soap. Serial No. 558,349, Sept. 21. Class 4.

Daly Bros. Shoe Co., Inc., Boston, Mass. Shoes. Serial No. 498,120, Sept. 21. Class 39.

Davis, Charles C., and Company, Chicago, Ill. Twines, string, sash cord, etc. Serial No. 519,180, Sept. 21. Class 7.

Distilled Liquors Import Co., Inc., New York, N. Y. Brandy. Serial No. 531,022, Sept. 21. Class 49.

Distilled Liquors Import Co., Inc., New York, N. Y. Brandy. Serial No. 531,023, Sept. 21. Class 49.

Dronsfield Brothers, Ltd., Lancashire, England. Textile card grinding machines; textile roller, bowl and cylinder grinding machines; etc. Serial No. 474,401, Sept. 21. Class 23.

Dunn, Richard T., doing business as The Smile Remedy Company, St. Louis, Mo. Salve. Serial No. 541,748, Sept. 21. Class 6.

Durham Peanut Products Company: *See*—
Mathes, James M.

Eagle Roller Mill Co., New Ulm, Minn. Wheat flour. Serial No. 527,027, Sept. 21. Class 46.

Eastern Gas and Fuel Associates, Boston, Mass. Coal. Serial No. 538,505, Sept. 21. Class 1.

Eisenberg and Sons, Inc., Chicago, Ill. Women's dresses, suits, coats, skirts, etc. Serial No. 528,776, Sept. 21. Class 39.

Endocrine Company, Union City, N. J. Natural and synthetic estrogenic hormone substances. Serial No. 552,046, Sept. 21. Class 6.

Epps, Elias, doing business as Pacific Hop Exchange, Detroit, Mich. Hops. Serial No. 518,394, Sept. 21. Class 1.

Eutectic Welding Alloys Corporation, New York, N. Y. Cutting electrodes. Serial No. 546,684, Sept. 21. Class 14.

Eutectic Welding Alloys Corporation, New York, N. Y. Metal alloys in various forms. Serial No. 546,685, Sept. 21. Class 14.

Evans, L. B., Son Co., Wakefield, Mass. House slippers made of leather. Serial No. 534,618, Sept. 21. Class 39.

Fenn Bros. Inc., Sioux Falls, S. Dak. Candy and ice cream. Serial No. 535,514, Sept. 21. Class 46.

Fielding, Michael, doing business as Modern Deodorant Company, Jamaica, Long Island, N. Y. Industrial deodorants. Serial No. 546,573, Sept. 21. Class 6.

Finkl, A., & Sons Company, Chicago, Ill. Steel used for die blocks, hot and cold trimmer dies, etc. Serial No. 494,490, Sept. 21. Class 14.

Fisher Plastics Corporation, Newton, Mass. Plastic-coated polyvinyl resin films. Serial No. 512,658, Sept. 21. Class 50.

Flightex Fabrics, Inc., New York, N. Y. Sailcloth in the piece. Serial No. 550,135, Sept. 21. Class 42.

Folsom, H. & D., Arms Co., Inc., The, New York, N. Y. Pistol holsters. Serial No. 548,736, Sept. 21. Class 9.

Foote Mineral Company, Philadelphia, Pa. Lithium salt of a long chain fatty acid. Serial No. 546,212, Sept. 21. Class 6.

Frank Bros.-Neptune Mfg. Co., Louisville, Ky. Men's topcoats and overcoats. Serial No. 521,125, Sept. 21. Class 39.

Franklin Picture Frame Co., Chicago, Ill. Picture hangers. Serial No. 515,418, Sept. 21. Class 13.

Fromm and Sichel, Inc., New York, N. Y. Whiskey. Serial Nos. 525,583–4, Sept. 21. Class 49.

General Engineering & Mfg. Co., St. Louis, Mo. Face grinders. Serial No. 454,942, Sept. 21. Class 23.

Gevaert Photo Producten, N. V., Antwerp, Belgium. Sensitized photographic papers, plates, films, etc. Serial No. 516,127, Sept. 21. Class 26.

Givlemme, S. A., Milano, Italy. Perfumes, face powders, toilet waters, sachet powders, etc. Serial No. 539,867, Sept. 21. Class 6.

Globe Tool & Engineering Company, The, Dayton, Ohio. Dynamic balancing machines. Serial No. 500,076, Sept. 21. Class 26.

Gold Medal Hair Products, Brooklyn, N. Y. Nonelectrical curling irons, pressing combs, and marcel irons. Serial No. 509,414, Sept. 21. Class 40.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Vehicle wheel rims. Serial No. 530,308, Sept. 21. Class 19.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Canned tomatoes, pumpkin, beets, etc. Serial No. 528,271, Sept. 21. Class 46.

Great Atlantic and Pacific Tea Company, The, New York, N. Y. Bird food. Serial No. 534,016, Sept. 21. Class 46.

Great Atlantic and Pacific Tea Company, The, New York, N. Y. Ammonia, washing sal soda. Serial No. 538,125, Sept. 21. Class 6.

Greeff Fabrics, Inc., New York, N. Y. Cotton and rayon fabrics in the piece. Serial No. 525,077, Sept. 21. Class 42.

Greencastle Packing Company, The, Greencastle, Pa. Canned vegetables. Serial No. 520,697, Sept. 21. Class 46.

Guild, J. H., Company Inc., The, Rupert, Vt. Preparation in powder and cigarette form. Serial No. 548,815, Sept. 21. Class 6.

Hall, Martin L., Company, Boston, Mass. Coffee and tea. Serial No. 537,176, Sept. 21. Class 46.

Haller, W. A., Company, Inc.: *See*—
Haller, W. A., Corporation.

Haller, W. A., Corporation, assignee of W. A. Haller Company, Inc., Philadelphia, Pa. Potable distilled spirituous beverages. Serial No. 509,218, Sept. 21. Class 49.

Harris Research Laboratories, Washington, D. C. Wool tops. Serial No. 540,996, Sept. 21. Class 1.

Hartmann Company, Racine, Wis. Suitcases, hand luggage cases. Serial No. 549,877, Sept. 21. Class 3.

Hat Field Trimmings Co., New York, N. Y. Outer ribbons or bands for men's hats. Serial No. 518,222, Sept. 21. Class 40.

Heathways, Los Angeles, Calif. Sporting goods. Serial No. 497,541, Sept. 21. Class 22.

Hercules Powder Company, Wilmington, Del. Specially constructed cartridges. Serial No. 546,904, Sept. 21. Class 9.

Herter Machine Tool & Dye Works: *See*—
Herter, William.

Herter, William, doing business as Herter Machine Tool & Dye Works, Queens Village, Long Island, N. Y. Envelope opener. Serial No. 518,680, Sept. 21. Class 37.

Hettrick Manufacturing Company, The, Toledo, Ohio. Fabric belting. Serial No. 531,124, Sept. 21. Class 35.

Hettrick Manufacturing Company, The, Toledo, Ohio. Fabric belting. Serial No. 531,129, Sept. 21. Class 35.

Hollister Canning Company, Inc., Hollister, Calif. Canned fruits and canned vegetables. Serial No. 515,307, Sept. 21. Class 46.

Holly Hill Fruit Products, Incorporated, Davenport, Fla. Fresh and canned citrus fruits, canned citrus fruit juices, and citrus fruit jellies and marmalades. Serial No. 525,486, Sept. 21. Class 46.

Horder's, Incorporated, Chicago, Ill. Typewriter paper. Serial Nos. 536,522–3, Sept. 21. Class 37.

Horder's, Incorporated, Chicago, Ill. Typewriter paper. Serial No. 536,526, Sept. 21. Class 37.

Horder's, Incorporated, Chicago, Ill. Typewriter papers and index cards. Serial No. 536,527, Sept. 21. Class 37.

Howard, Dorothy D., doing business as Wright Drug Company, Greenville, S. C. Medicine. Serial No. 549,258, Sept. 21. Class 6.

Industrial Seals Corporation, Trenton, N. J. Pliable semimetallic industrial packing. Serial No. 542,318, Sept. 21. Class 35.

Inland Steel Company, Chicago, Ill. Ferrous sheets, strips, bars, etc. Serial No. 494,273, Sept. 21. Class 14.

Inland Steel Company, Chicago, Ill. Steel. Serial No. 529,264, Sept. 21. Class 14.

Inland Steel Company, Chicago, Ill. Galvanized steel in sheet form. Serial No. 539,322, Sept. 21. Class 14.

Instrumaster Industries: *See*—
Boehm, Paul F.

International Braid Company, assignor to International Braid Company (1947), Providence, R. I. Shoe laces and garment lacings. Serial No. 514,274, Sept. 21. Class 40.

International Braid Company (1947): *See*—
International Braid Company.

International Commercial Co., Inc., now by change of name International Packers Commercial Co. Inc., Chicago, Ill. Bones and gall. Serial No. 534,533, Sept. 21. Class 1.

International Latex Corporation, Dover, Del. Crib sheets made of waterproof thermoplastic film. Serial No. 516,697, Sept. 21. Class 42.

International Packers Commercial Co. Inc.: *See*—
International Commercial Co., Inc.

Jabonson, James J., New York, N. Y. Skewers. Serial No. 499,237, Sept. 21. Class 13.

Jacmore Company, New York, N. Y. Knitting needles of plastic and steel. Serial No. 547,908, Sept. 21. Class 40.

Janshaw Fabrics Incorporated, New York, N. Y. Textile fabrics of cotton, rayon, wool, etc. Serial No. 550,150, Sept. 21. Class 42.

Jarod Manufacturing Corp., Rockville Centre, N. Y. Men's outer shirts. Serial No. 517,137, Sept. 21. Class 39.

Jenkins, George O., Company, Bridgewater, Mass. Leather fibre dust guard and wedges. Serial No. 526,667, Sept. 21. Class 35.

Johnson, S. C., & Son, Inc., Racine, Wis. Paint enamel containing wax. Serial No. 528,101, Sept. 21. Class 16.

Josten Manufacturing Company, Owatonna, Minn. Printed, embossed, and engraved announcements and calling cards. Serial No. 531,609, Sept. 21. Class 38.

Juilliard, A. D., & Co., Inc., New York, N. Y. Cotton piece goods. Serial No. 550,514, Sept. 21. Class 42.

Kasco Mills, Inc., Waverly, N. Y. Dairy feed calculating chart. Serial No. 526,753, Sept. 21. Class 26.

Katz, Abraham, doing business as Alkay Products, Boston, Mass. Dog salve. Serial No. 548,968, Sept. 21. Class 6.

Kaweah Lemon Co.: *See*—
Lemon Cove Association.

Kenmar Manufacturing Company, The, East Palestine, Ohio. Upholstered davenports, upholstered chairs, occasional and reclining chairs, etc. Serial No. 518,533, Sept. 21. Class 32.

Kenmar Manufacturing Company, The, East Palestine, Ohio. Reclining chairs. Serial No. 524,246, Sept. 21. Class 32.

Kenore Products Corporation, New York, N. Y. Coiffure accessories. Serial No. 545,997, Sept. 21. Class 40.

Keywell, S. G., Co., Inc., Detroit, Mich. Ferrous and nonferreous scrap metals. Serial No. 524,994, Sept. 21. Class 14.

Kirk, C. F., Company, New York, N. Y. Solution of anesthetics in vegetable oil. Serial No. 511,164, Sept. 21. Class 6.

Lakeside Aluminum Company, North Menomonie, Wis. Pressure cookers and canners. Serial No. 516,703, Sept. 21. Class 13.

Lake State Products, Inc., Jackson, Mich. Dishwashing machines. Serial No. 527,524, Sept. 21. Class 23.

Lancome, S. A., Paris, France. Perfumes and rouges. Serial No. 491,850, Sept. 21. Class 6.

Lane Paper Co., Inc., Jersey City, N. J. Jacquard paper board. Serial No. 536,406, Sept. 21. Class 37.

Larré Laboratories, Inc., Denver, Col. Medicated jelly and creme. Serial No. 548,820, Sept. 21. Class 6.

La Rue, Mervin W., Chicago, Ill. Slide and motion picture films. Serial No. 500,093, Sept. 21. Class 26.

Lawrie, John, & Sons, Chicago, Ill. Shoe laces. Serial No. 553,287, Sept. 21. Class 40.

Lehigh Foundries, Inc., Easton, Pa. Condensing units used in refrigeration. Serial No. 538,643, Sept. 21. Class 31.

Lemon Cove Association, Lemon Cove, Calif. Fresh citrus fruits. Serial No. 539,181, Sept. 21. Class 46.

Lemon Cove Association, doing business as Kaweah Lemon Co., Lemon Cove, Calif. Fresh citrus fruit. Serial No. 539,185, Sept. 21. Class 46.

Lemon Cove Association, Lemon Cove, Calif. Fresh citrus fruits. Serial No. 539,188, Sept. 21. Class 46.

Less, Joseph W., doing business as Ty-Self Tie Co., Fulton, Ill. Neckties. Serial No. 521,526, Sept. 21. Class 39.

Lewis Bolt & Nut Company, Minneapolis, Minn. Bolts. Serial No. 533,034, Sept. 21. Class 13.

Liberty Fire Apparatus Co., Inc., Roanoke, Va. Fire hose. Serial No. 512,067, Sept. 21. Class 35.

Lincoln Engineering Company, St. Louis, Mo. Portable lubricant-dispensing apparatus. Serial No. 506,325, Sept. 21. Class 23.

Longleaf Mills, Inc., Matthews, N. C. Piece goods made of rayon fabric. Serial No. 524,471, Sept. 21. Class 42.

Losee Products Company, Hebron, Ill. Displacement type automatic electric hot water storage heaters. Serial No. 529,071, Sept. 21. Class 21.

Louisville Textiles, Incorporated, Louisville, Ky. Upholstery, drapery and decorative fabrics, in the piece. Serial No. 536,107, Sept. 21. Class 42.

Marine Optical Mfg. Co., Roslindale, Boston, Mass. Optical frames. Serial No. 522,060, Sept. 21. Class 26.

Marks, I., & Son, Inc., New York, N. Y. Ladies' and misses' suits and suit ensembles. Serial No. 545,634, Sept. 21. Class 39.

Marlboro Beverage Company: *See*—
Beverage Distributors, Inc.

Marquette Manufacturing Co. Inc., Minneapolis, Minn. Battery chargers. Serial No. 538,939, Sept. 21. Class 21.

Marshall Field & Company, Chicago, Ill. Men's outer suits. Serial No. 533,477, Sept. 21. Class 39.

Martin California: *See*—
Martin, Manuel.

Martin, Manuel, doing business as Martin California, Los Angeles, Calif. Sewing stands, telephone stands, smoke stands, etc. Serial No. 518,843, Sept. 21. Class 32.

Martin Stamping & Stove Company, Huntsville, Madison County, Ala. Heating and cooking stoves. Serial No. 544,173, Sept. 21. Class 34.

Mathes, James M., doing business as Durham Peanut Products Company, Durham, N. C. Salted peanuts. Serial No. 497,672, Sept. 21. Class 46.

Matthews, W. N., Corporation, St. Louis, Mo. Height-measuring instruments. Serial No. 527,129, Sept. 21. Class 26.

Matthews, W. N., Corporation, St. Louis, Mo. Electric switches and fuses. Serial No. 527,213, Sept. 21. Class 21.

McBratney, Robert, & Company, Incorporated, New York, N. Y. Linen piece goods. Serial No. 531,345, Sept. 21. Class 42.

McKay Company, The, Pittsburgh, Pa. Tire chains and metal industrial chains. Serial No. 491,580, Sept. 21. Class 13.

McMullen-Leavens Company, Incorporated, Glens Falls and New York, N. Y. Men's dress, negligee, sport and outer shirts, and women's wearing apparel. Serial No. 545,636, Sept. 21. Class 39.

Meincke, A. M., & Son, Inc., Chicago, Ill. Pigment filler for paper filling. Serial No. 529,287, Sept. 21. Class 6.

Metallizing Engineering Co. Inc., Long Island City, N. Y. Rods or wire. Serial Nos. 542,614–15, Sept. 21. Class 14.

Metallizing Engineering Co. Inc., Long Island City, N. Y. Wire or rod. Serial Nos. 542,617–19, Sept. 21. Class 14.

Mexico Refractories Company, Mexico, Mo. Firebrick. Serial No. 541,939, Sept. 21. Class 12.

Michigan Tank & Furnace Corporation, Dearborn, Mich. Furnaces and water heaters. Serial No. 544,178, Sept. 21. Class 34.

Miller Bros. Packaged Foods Co., Chicago, Ill. Nut meats, and spices. Serial No. 511,405, Sept. 21. Class 46.

Minuet Lamp Industries, Inc., Chicago, Ill. Electric lamps. Serial No. 542,627, Sept. 21. Class 21.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Rubbers and overshoes. Serial No. 530,104. Sept. 21. Class 39.

Modern Deodorant Company: *See*—
Fielding, Michael.

Modern Food Products Company, San Francisco, Calif. Canned abalone. Serial No. 533,478, Sept. 21. Class 46.

Mound City Products Co., St. Louis, Mo. Whiskey. Serial No. 538,027. Sept. 21. Class 49.

Mueller Co., Decatur, Ill. Steel forgings. Serial No. 545,152, Sept. 21. Class 14.
Mumm, G. H., & Co. Société Vinicole de Champagne Successeurs, Paris and Reims, France. Champagne wines. Serial No. 506,887, Sept. 21. Class 47.
Munising Paper Company, The, Chicago, Ill. Bond, ledger, mimeograph, and duplicator papers. Serial No. 535,067, Sept. 21. Class 37.
Mutual Buying Syndicate, Inc., New York, N. Y. Sheets and pillow cases. Serial No. 550,539, Sept. 21. Class 42.
Nestle's Milk Products, Inc., New York, N. Y. Preparation to relieve gastro-intestinal disorders. Serial No. 550,724, Sept. 21. Class 6.
Newport Industries, Inc., Pensacola, Fla. Zinc calcium resinate. Serial No. 520,966, Sept. 21. Class 1.
Niles Rolling Mill Company, The, Niles, Ohio. Sheet steel and enameling iron sheets. Serial No. 537,719, Sept. 21. Class 14.
Norfolk and Western Railway Company, Roanoke, Va. Service of railroad transportation of passengers and freight. Serial No. 531,704, Sept. 21. Class 55.
North & Judd Manufacturing Company, New Britain, Conn. Harness snaps, and snap hooks for harnesses. Serial No. 528,942, Sept. 21. Class 3.
Odora Company, Inc., New York, N. Y. Paperboard or corrugated pasteboard cabinets. Serial No. 547,072, Sept. 21. Class 2.
Olympia Canning Company, Olympia, Wash. Canned fruits. Serial No. 535,593, Sept. 21. Class 46.
Omni Products Corporation, New York, N. Y. Thermoplastic and thermosetting molding compounds. Serial Nos. 534,461–2, Sept. 21. Class 1.
Oralaid Company: *See*—
Bennett, Paul E.
Pacific Gas Corporation, New York, N. Y. Butane and propane gases. Serial No. 553,127, Sept. 21. Class 6.
Pacific Hpp Exchange: *See*—
Epps, Elias.
Palter De Liso, Inc., New York, N. Y. Ladies' shoes. Serial No. 525,198, Sept. 21. Class 39.
Pan American Refining Corporation, New York, N. Y Plasticizers. Serial No. 548,681, Sept. 21. Class 6.
Paragon-Revolute Corporation, Rochester, N. Y. Machines for making blue-prints and other prints. Serial No. 531,237, Sept. 21. Class 26.
Paragon-Revolute Corporation, Rochester, N. Y. Machines for making blue-prints, and other prints. Serial No. 531,239, Sept. 21. Class 26.
Parfa Parfumerie und Kosmetik, A. G., Zurich, Switzerland. After shaving lotion, after shaving skin cream, bath salt, etc. Serial No. 517,583, Sept. 21. Class 6.
Peavey Paper Mills, Inc., Ladysmith, Wis. Labelled roll toilet tissues. Serial No. 530,761, Sept. 21. Class 37.
Pepper, Belle I., Denver, Colo. Cosmetics. Serial No. 546,868, Sept. 21. Class 6.
Pharis Tire and Rubber Company, The, Newark, Ohio. Tile and floor coverings. Serial No. 523,612, Sept. 21. Class 20.
Pine, Morton S., Co., The, Cleveland, Ohio. A water softener with incidental cleansing properties. Serial No. 539,561, Sept. 21. Class 4.
Plastic Glass Corporation, Brooklyn, N. Y. Plastic material in sheet, rod, and tube form. Serial No. 519,026, Sept. 21. Class 1.
Pootatuck Corporation, The, Stratford, Conn. Cutter for cutting miters in wood. Serial No. 510,274, Sept. 21. Class 25.
Postal Finance Company, Sioux City, Iowa. Personal loans and installment financing. Serial No. 535,259, Sept. 21. Class 55.
Poynter Clothing Co., New York, N. Y. Men's suits, topcoats, raincoats, etc. Serial No. 525,399, Sept. 21. Class 39.
Presstite Engineering Company, The, St. Louis, Mo. Asphaltic-base material. Serial No. 527,182, Sept. 21. Class 12.
Publicker Industries Inc., Philadelphia, Pa. Ethyl acetate, butyl acetate, amyl acetate, etc. Serial No. 526,798, Sept. 21. Class 6.
Rafi Manufacturing Company, Toledo, Ohio. Neon sign equipment. Serial No. 528,643, Sept. 21. Class 21.
Ranger Seafood, Inc., Buena Park, Calif. Canned tuna fish. Serial No. 531,716, Sept. 21. Class 46.
Red Feather Products Ltd., assignor to Red Feather Products Ltd., Redwood City, Calif. Carbon paper, typewriter ribbons, and duplicator inks. Serial No. 512,143, Sept. 21. Class 11.
Reins, Ted: *See*—
Reins, Theodore.
Reins, Theodore, doing business as Ted Reins, Payette, Idaho. Fresh apples. Serial No. 531,245, Sept. 21. Class 46.
Richman, Wm., Supply Corp., New York, N. Y. Screening. Serial No. 526,293, Sept. 21. Class 13.
Ridd Laboratories, Incorporated, Edmonds, Wash. A preparation containing fungicidal, germicidal properties, etc. Serial No. 528,378, Sept. 21. Class 6.
Riedell Shoes, Inc., Red Wing, Minn. Shoes. Serial No. 529,706, Sept. 21. Class 39.
Rissman, John, & Son, Chicago, Ill. Jackets, coats, blouses, and shirts. Serial No. 527,340, Sept. 21. Class 39.
Robbins & Myers, Inc., Springfield, Ohio. Electric fans. Serial No. 533,778, Sept. 21. Class 21.
Robertson, Emory H., doing business as Robertson Fireworks Company, Fort Worth, Tex. Whistling auto bomb. Serial No. 547,284, Sept. 21. Class 9.
Robertson Fireworks Company: *See*—
Robertson, Emory H.
Robins, G. S., & Company, St. Louis, Mo. Piece fabric made of nylon. Serial No. 508,858, Sept. 21. Class 42.
Rockwell Manufacturing Company, Pittsburgh, Pa. Stick glue. Serial No. 534,354, Sept. 21. Class 5.
Roerig, J. B., and Company, Chicago, Ill. Medicinal preparation. Serial No. 531,154, Sept. 21. Class 6.
Rothschild, Lee, doing business as Corona Soapcrafters, Redlands, Calif. Bar soap in packaged form. Serial No. 547,772, Sept. 21. Class 4.
Rothschild, Lee, doing business as Corona Soapcrafters, Redlands, Calif. Bar soap in packaged form. Serial No. 547,774, Sept. 21. Class 4.
S K F Industries, Inc., Philadelphia, Pa. Metal balls used in games. Serial No. 529,091, Sept. 21. Class 22.
S K F Industries, Philadelphia, Pa. Metal balls used in games. Serial No. 529,094, Sept. 21. Class 22.
Safeway Stores Incorporated: *See*—
Beverage Distributors, Inc.
Salem Products Corp., New York, N. Y. Shoulder pads in the nature of garment findings. Serial No. 522,354, Sept. 21. Class 40.
Sandess Manufacturing Co., Philadelphia, Pa. Boys' and juvenile sportswear, and clothing. Serial No. 507,753, Sept. 21. Class 39.
Santa Fe Vintage Company, Los Angeles, Calif. Wines. Serial Nos. 536,959–60, Sept. 21. Class 47.
Schalet-Pollack Corporation, New York, N. Y. Buttons, hand needles, and trimmings. Serial No. 491,367, Sept. 21. Class 40.
Schenley Laboratories, Inc., New York, N. Y. Penicillin. Serial Nos. 516,581–2, Sept. 21. Class 6.
Schering & Glatz, Inc., assignor to William R. Werner & Co., Inc., New York, N. Y. Medicinal comprising soluble barbital. Serial No. 507,941, Sept. 21. Class 6.
Scherrer, E. C., Inc., New York, N. Y. Synthetic braids. Serial No. 545,284, Sept. 21. Class 40.
Scully Signal Company, Cambridge, Mass. Liquid level indicators. Serial No. 511,507, Sept. 21. Class 26.
Scully Signal Company, Cambridge, Mass. Air vent tubes. Serial No. 539,762, Sept. 21. Class 13.
Seely Shoulder Pad Corp., New York, N. Y. Bust forms. Serial No. 547,042, Sept. 21. Class 40.
Selig Company, The, Atlanta, Ga. Flame proofing compound. Serial No. 524,354, Sept. 21. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Liquid concentration of ergot. Serial No. 549,091, Sept. 21. Class 6.
Sherry, Hal G., Los Angeles, Calif. Radio receiving sets. Serial No. 522,216, Sept. 21. Class 21.
Sherry, Louis, Coffee, Teas & Spices, Inc., Long Island City, New York. Coffee. Serial No. 533,625, Sept. 21. Class 46.
Sherwin-Williams Company, The, Cleveland, Ohio. Insecticides and fungicides. Serial No. 545,293, Sept. 21. Class 6.
Sight Light Corporation, The, Deep River, assignor to L. C. Doane, Essex, Conn. Perforated sheets of metal. Serial No. 514,308, Sept. 21. Class 14.
Singer Manufacturing Company, The, Elizabeth, N. J. Electro-mechanical drives. Serial No. 498,089, Sept. 21. Class 21.
Smile Remedy Company, The: *See*—
Dunn, Richard T.
Smith, Arthur E., Los Angeles, Calif. Local anesthetizing, nerve blocking tablets, etc. Serial No. 527,216, Sept. 21. Class 6.
Smith, Bonnie I., Atlanta, Ga. Hand cream. Serial No. 546,798, Sept. 21. Class 6.
Smith, Kline & French Laboratories, Philadelphia, Pa. Sulfonamide preparation. Serial No. 550,623, Sept. 21. Class 6.
Societe a Responsabilite Limitee: Parfumerie de Jussy Saint James, Veuve L. Dupont & Fils, Montreuil-Sous-Bois (Seine), France. Perfume and eau de cologne. Serial No. 499,290, Sept. 21. Class 6.
Societe Anonyme, Bienaime, Paris, France. Perfumes, face creams, rouge, skin lotion. Serial No. 547,160, Sept. 21. Class 6.
Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Medicinal products. Serial No. 538,047, Sept. 21. Class 6.
Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Medical preparations. Serial No. 538,048, Sept. 21. Class 4.
Société Securit's E. D. L. C., Paris, France. Safety nuts. Serial No. 502,851, Sept. 21. Class 13.
Sonnenschein, E., & Co., Inc., New York, N. Y. Chemical dyestuffs. Serial No. 522,614, Sept. 21. Class 6.
Sonora Radio & Television Corporation, Chicago, Ill. Radio receiving sets, television receiving sets, and electrical phonographs. Serial No. 526,696, Sept. 21. Class 21.

Southern Railway Company, Richmond, Va., and Washington, D. C. Freight and passenger transportation service by railroad. Serial No. 528,523, Sept. 21. Class 55.
Spalding, A. G., & Bros. Inc., Chicopee, Mass. Tennis racketa, badminton rackets, squash rackets, etc. Serial No. 540,210, Sept. 21. Class 22.
Spalding, A. G., & Bros. Inc., Chicopee, Mass. Tennis rackets, squash rackets, and badminton rackets, etc. Serial No. 540,211, Sept. 21. Class 22.
Spalding, A. G., & Bros. Inc., Chicopee, Mass. Golf balls, golf clubs, basketballs, etc. Serial No. 540,212, Sept. 21. Class 22.
Spaulding & Company, Chicago, Ill. Hand luggage, trunk portfolios, bags, and cases. Serial No. 500,837, Sept. 21. Class 3.
Spencer Thermostat Company, Attleboro, Mass. Magnetic relays, and mechanically actuated electric switches. Serial No. 527,153, Sept. 21. Class 21.
Springs Cotton Mills, The, Lancaster, S. C. Cotton textile fabrics by the yard. Serial No. 550,628, Sept. 21. Class 42.
Springs Cotton Mills, The, Lancaster, S. C. Cotton and rayon dress fabrics by the yard. Serial No. 550,629, Sept. 21. Class 42.
Stratford Pen Corporation, New York, N. Y. Fountain pens and pencils and for pen and pencil sets. Serial No. 534,937, Sept. 21. Class 37.
Sunbeam Corporation: *See*—
Chicago Flexible Shaft Company.
Superior Metal Powders Corporation, Toledo, Ohio. Metal powders. Serial No. 535,196, Sept. 21. Class 14.
Swedlin, J., Inc., New York, N. Y. Stuffed toys. Serial No. 524,027, Sept. 21. Class 22.
Sweeney, W. R., Mfgr., Salisbury, Mo. Poisonous insecticide. Serial No. 544,476, Sept. 21. Class 6.
Sweeney, W. R., Mfgr., Salisbury, Mo. Powder and liquid spray insecticide. Serial No. 544,477, Sept. 21. Class 6.
Sweeney, W. R., Mfgr., Salisbury, Mo. Rat, mouse, mole, and gopher poison, etc. Serial No. 544,478, Sept. 21. Class 6.
Taco Heaters, Incorporated, Providence, R. I. Thermostatic control valve. Serial No. 522,235, Sept. 21. Class 26.
Talon, Inc., Meadville, Pa. Handbags, portable cases. Serial No. 527,868, Sept. 21. Class 3.
Talon, Inc., Meadville, Pa. Handbags, portable cases. Serial No. 527,891, Sept. 21. Class 3.
Tempro, Incorporated, New Haven, Conn. Combination jigger, ice mallet, cork puller, and bottle decapper. Serial No. 505,366, Sept. 21. Class 23.
Terteling Brothers, Incorporated, Madison, Ky. Coal. Serial No. 531,257, Sept. 21. Class 1.
Thompson-Hayward Chemical Company, Kansas City, Mo. Vitamin food supplement for livestock. Serial No. 543,669, Sept. 21. Class 6.
Tradio, Inc., Deal, N. J. Electrical equipments. Serial No. 516,332, Sept. 21. Class 21.
Truitt, Martha B., Chicago, Ill. Hair pomade and hair dressing. Serial No. 550,861, Sept. 21. Class 6.
Ty-Self Tie Co.: *See*—
Loss, Joseph W.
Union Chain and Manufacturing Company, The, Sandusky, Ohio. Chain and chains for general use, and parts thereof. Serial No. 529,727, Sept. 21. Class 13.
United Rice Milling Products Company, Inc., New Orleans, La. Packaged rice. Serial No. 539,825, Sept. 21. Class 46.
U. S. Automatic Corporation, Amherst, Ohio. Screw machine products. Serial No. 486,011, Sept. 21. Class 9.
U. S. Industrial Chemicals, Inc., New York, N. Y. Periodical publication. Serial No. 545,055, Sept. 21. Class 38.
United States Rubber Company, New York, N. Y. Mattresses and bar stool cushions of foam rubber. Serial No. 516,744, Sept. 21. Class 32.
United States Rubber Company, New York, N. Y. Pneumatic tires. Serial No. 529,734, Sept. 21. Class 35.
Ventura Farms Frozen Foods, Inc., Oxnard, Calif. Frozen vegetables. Serial No. 514,859, Sept. 21. Class 46.
Viva, Ingano, Switzerland. Scientific blend of cocoa, sugar, dextrose, cereals, etc. Serial No. 511,713, Sept. 21. Class 46.
Wakefield, F. W., Brass Company, The, Vermilion, Ohio. Electric luminaires and electric lighting fixtures. Serial No. 529,510, Sept. 21. Class 21.
Wallace & Tiernan Products, Incorporated, Belleville, N. J. Pharmaceutical. Serial No. 540,344, Sept. 21. Class 6.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Hair tonic. Serial No. 551,348, Sept. 21. Class 6.
Warner, William R., & Co., Inc.: *See*—
Schering & Glatz, Inc.
Warner, William R., & Co., Inc., New York, N. Y. Antihistaminic preparations. Serial No. 550,881, Sept. 21. Class 6.
Warren Featherbone Co., The, Three Oaks, Mich. Button loops, featherbone stays, corset stays, etc. Serial No. 540,354, Sept. 21. Class 40.
Warren Featherbone Co., The, Three Oaks, Mich. Button loops, featherbone stays, corset stays, etc. Serial No. 530,604, Sept. 21. Class 40.
Warren, Irmgard M. W., Northwood, England. Mixed alcoholic beverage. Serial No. 512,420, Sept. 21. Class 49.
Weinberg Corporation, Chicago, Ill. Men's and young men's suits, coats, vests, etc. Serial No. 531,271, Sept. 21. Class 39.
Wells, Earl J., doing business as Wells Mfg. Co., Comptche, Calif. Micrometers. Serial No. 504,954, Sept. 21. Class 26.
Wells, Homer, Houston, Tex. Diaper pins. Serial No. 526,680, Sept. 21. Class 40.
Wells Mfg. Co.: *See*—
Wells, Earl J.
Werner, Chas. B., Co., Inc., New York, N. Y. Piece goods of cotton, rayon and nylon, etc. Serial No. 550,189, Sept. 21. Class 42.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets; account, data or order books; etc. Serial No. 533,658, Sept. 21. Class 37.
Wiegand, Edwin L., Company, Pittsburgh, Pa. Electric heating units and electric heaters. Serial No. 527,671, Sept. 21. Class 21.
Wiegand, Edwin L., Company, Pittsburgh, Pa. Electric heating units and electric heaters. Serial No. 527,865, Sept. 21. Class 21.
Wing Nien Soy Bean Sauce Mfg. Co.: *See*—
Wing Nien Soy Sauce Mfg. Co.
Wing Nien Soy Sauce Mfg. Co.: *See*—
Wing Nien Soy Sauce Mfg. Co.
Wing Nien Soy Sauce Mfg. Co., also doing business as Wing Nien Soy Bean Sauce Mfg. Co., San Francisco, Calif. Soy sauce. Serial No. 510,140, Sept. 21. Class 46.
Winkenweder & Ladd, Inc., Chicago, Ill. Reenforced tubing. Serial No. 507,952, Sept. 21. Class 35.
Winner, Inc., Berne, Ind. Play and school togs. Serial No. 519,368, Sept. 21. Class 39.
Winpower Mfg. Company, Newton, Iowa. Diesel electric plants. Serial No. 531,408, Sept 21. Class 21.
Wooden Shoe Brewing Company, The, Minster, Ohio. Beer and ale. Serial No. 534,850, Sept. 21. Class 48.
Wright Drug Company: *See*—
Howard, Dorothy D.
Young's Speedy Shoes, Inc., Los Angeles, Calif. Boots, shoes, and slippers. Serial No. 527,983, Sept. 21. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

A. B. C. Sheet Metal Co., Inc., Dallas, Tex. Oil stoves and oil heaters. 440,749, Sept. 21; Serial No. 475,744. Class 34.
A & B Sales Corporation, Hillside, N. J. Phonograph needles. 440,707, Sept. 21; Serial No. 513,092, published Sept. 16, 1947. Class 36.
A/S Bakteriologisk Laboratorium "Ratin": *See*—
Bakteriologisk Laboratorium, Neumann & Co.
Acecraft Shirts, Inc., New York, N. Y. Men's and boys' shorts; dress, negligee, and work shirts; sport shirts, etc. 440,737–8, Sept. 21; Serial Nos. 524,511–12, published May 25, 1948. Class 39.
Acme Backing Corporation, Brooklyn, N. Y. Gutta-percha coated cotton fabric. 502,376, Sept. 21; Serial No. 534,075, published May 25, 1948. Class 42.
Adams Packing Association, Inc.: *See*—
Tennessee Grove Company Inc.
Addressograph-Multigraph Corporation: *See*—
American Multigraph Sales Company, The.
Multigraph Company.
Speedaumatic Company, The.
Addressograph-Multigraph Corporation, Cleveland, Ohio. Materials and solutions for treating printing plates. 396,232, June 30, 1942. Republished Sept. 21. Class 6.
Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic plates of treated paper. 397,689, Sept. 15, 1942. Republished Sept. 21. Class 37.
Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing devices. 399,318, Dec. 29, 1942. Republished Sept. 21. Classes 23 and 50.
Ajax Box Company, The, Chicago, Ill. Corrugated paper. 502,430, Sept. 21; Serial No. 528,598. Class 37.
Alco Valve Company, University City, Mo. Pressure regulating valves. 502,298, Sept. 21; Serial No. 528,844, published June 29, 1948. Class 13.
Alden Mills, The, New Orleans, La. Hosiery. 502,349, Sept. 21; Serial No. 531,877, published May 25, 1948. Class 39.
Algemeene Kunstzijde Unie N. V.: *See*—
Nederlandsche, N. V. Kunstzijdefabriek.
Alkaiol Company, Taunton, Mass. Medicinal compound. 70,850, re-renewed Oct. 13, 1948. O. G. Sept. 21. Class 6.

Allied Mills, Inc.: *See*—
Peters, Milton C.

Allied Stores Corporation: *See*—
Hahn Department Stores, Inc.

Allied Stores Corporation, New York, N. Y. Heating and cooking stoves, ranges, and heating furnaces. 351,534, Nov. 2, 1937. Republished Sept. 21. Class 34.

Allied Stores Corporation, New York, N. Y. Men's clothing. 356,057, Apr. 12, 1938. Republished Sept. 21. Class 39.

Allied Stores Corporation, New York, N. Y. Quilted crib pads, muslin crib sheets, muslin pillow cases. 374,190, Jan. 2, 1940. Republished Sept. 21. Class 42.

Allied Stores Corporation, New York, N. Y. Diapers, infants' sleeping robes, training panties, etc. 374,191, Jan. 2, 1940. Republished Sept. 21. Class 39.

Allied Stores Corporation, New York, N. Y. Refrigerators and home freezers. 423,606, Sept. 3, 1946. Republished Sept. 21. Class 31.

Allied Stores Corporation, New York, N. Y. Radio receiving sets and radio phonograph combinations. 430,272, June 10, 1947. Republished Sept. 21. Class 21.

Almy, Ruth C., Englewood, N. J. Ornamental sheet glass painted and stained with materials. 440,728, Sept. 21; Serial No. 520,789, published June 15, 1948. Class 33.

American Association of Port Authorities, The, New Orleans, La. Monthly publication. 369,043, July 11, 1939. Republished Sept. 21. Class 38.

American Bakeries Co., by American Bakeries Company (1939), Atlanta, Ga. Crackers, biscuit, wafers. 106,924, Nov. 9, 1915. Republished Sept. 21. Class 46.

American Bakeries Company (1939): *See*—
American Bakeries Co.

American Felt Company, Glenville, Conn. Felt in the piece. 502,257, Sept. 21; Serial No. 522,878, published June 15, 1948. Class 50.

American Felt Company, Glenville, Conn. Felt in the piece. 502,288, Sept. 21; Serial No. 528,243, published June 15, 1948. Class 50.

American Fire Equipment Co.: *See*—
New England Fire Appliance Co.

American Multigraph Sales Company, The, by Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing presses, form holders, type locking devices, etc. 92,385, July 8, 1913. Republished Sept. 21. Class 23.

American Solvents & Chemical Corporation, New York, N. Y., to Commercial Solvents Corporation, Terre Haute, Ind. Alcoholic liquors. 243,815, renewed July 3, 1948. O. G. Sept. 21. Class 49.

American Woolen Company, New York, N. Y. Woolen piece goods. 502,248, Sept. 21; Serial No. 517,176, published May 25, 1948. Class 42.

Amorskin Corporation, New York, to P. N. Zang, Freeport, N. Y. Soaps. 249,586, renewed Nov. 20, 1948. O. G. Sept. 21. Class 4.

Amorskin Corporation, New York, to P. N. Zang, Freeport, N. Y. Face cream. 249,775, renewed Nov. 20, 1948. O. G. Sept. 21. Class 6.

Ams, Max, Incorporated: *See*—
Frank, Richard.

Anchor Rubber Products, Inc., Cleveland, Ohio. Repair kits. 440,680, Sept. 21; Serial No. 489,896, published June 1, 1948. Class 23.

Anco Manufacturing & Supply Company, Tulsa, Okla. Gas burning hot plates. 502,384, Sept. 21; Serial No. 535,780, published June 1, 1948. Class 34.

Anglo California National Bank of San Francisco, The, San Francisco, Calif., and elsewhere. Banking and trust services. 502,414, Sept. 21; Serial No. 527,251, published June 8, 1948. Class 35.

Animal Trap Company of America, Lititz, Pa. Trap setters. 245,401, renewed Aug. 14, 1948. O. G. Sept. 21. Class 50.

Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Canned fruits, canned vegetables, buckwheat. 88,827, Oct. 29, 1912. Republished Sept. 21. Class 46.

Antrim, C. W., & Sons (1946): *See*—
Antrim, C. W., & Sons.

Armour and Company, Chicago, Ill. Medicated ointment. 502,275, Sept. 21; Serial No. 527,517, published June 15, 1948. Class 6.

Arnold Milling Company, The, Sterling, Kans. Wheat flour. 260,741, Aug. 27, 1929. Republished Sept. 21. Class 46.

Arnold Milling Company, The, Sterling, Kans. Wheat flour, self-rising flour, graham flour, etc. 284,248, June 23, 1931. Republished Sept. 21. Class 46.

Art Lamp Corporation: *See*—
Art Lamp Mfg. Co.

Art Lamp Mfg. Co., by Art Lamp Corporation, Chicago, Ill. Electrically lighted floor lamps, chair lamps, torchères, bridge lamps, etc. 132,881, July 6, 1920. Republished Sept. 21. Class 21.

Asbestos Manufacturing Company, Huntington, Ind. Asbestos brake linings, asbestos brake blocks, asbestos clutch facings, etc. 227,361, May 3, 1927. Republished Sept. 21. Class 19.

Associated Biscuit Co., doing business as Associated Biscuit Co., Inc., and Associated Biscuit Company, Inc., Salamanca, N. Y., by Weston Biscuit Company, Inc., Passaic, N. J. Crackers and more particularly graham crackers, etc. 367,220, May 9, 1939. Republished Sept. 21. Class 46.

Associated Biscuit Co., doing business as Associated Biscuit Co., Inc., and Associated Biscuit Company, Inc., Salamanca, N. Y., by Weston Biscuit Company, Inc., Passaic, N. J. Crackers in various shapes. 367,772, May 30, 1939. Republished Sept. 21. Class 46.

Associated Biscuit Co., doing business as Associated Biscuit Co., Inc., and Associated Biscuit Company, Inc., Salamanca, N. Y., by Weston Biscuit Company, Inc., Passaic, N. J. Bakery goods. 367,976, June 6, 1939. Republished Sept. 21. Class 46.

Associated Biscuit Company, Inc.: *See*—
Associated Biscuit Co.

Atlantic Refining Company, The, Philadelphia, Pa. Lubricating oils. 502,242, Sept. 21; Serial No. 512,816, published May 11, 1948. Class 15.

Atmore & Son, by Atmore & Son, Inc., Philadelphia, Pa. Mince meat. 67,038–9, Jan. 14, 1908. Republished Sept. 21. Class 46.

Atmore & Son, Inc.: *See*—
Atmore & Son.

Atom Mfg. Co.: *See*—
Pond, Robert B.

Atom Manufacturing Company: *See*—
Pond, Robert B.

Attorney General of the United States, vested in: *See*—
Deutsche Goldund Silber-Scheideanstalt, vormals Roessler.
Eau De Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der pferdepost von Ferd. Mülhens, Paul P.

Auburn Rubber Corporation, Auburn, Ind. Shoe soles, half soles, heels, etc. 502,225, Sept. 21; Serial No. 485,984, published Apr. 27, 1948. Class 39.

Ault-Williamson Shoe Co., Auburn, Maine, by J. J. Grover Shoe Co., Inc., Haverhill, Mass. Men's and women's boots and shoes. 156,171, June 20, 1922. Republished Sept. 21. Class 39.

Auvil, Roy M., doing business as Roy M. Auvil Company, Belmont, Wash. Dried vegetables. 440,735, Sept. 21; Serial No. 524,286, published June 8, 1948. Class 46.

Auvil, Roy M., Company: *See*—
Auvil, Roy M.

Avon Products, Inc., New York, N. Y. Toilet soaps. 432,852, Sept. 16, 1947. Republished Sept. 21. Class 4.

Avon Products, Inc., New York, N. Y. Lipstick, rouge and nail polish. 432,880, Sept. 16, 1947. Republished Sept. 21. Class 6.

B. V. D. Corporation, The, New York, N. Y., and Baltimore, Md. After shave and after shower lotion. 502,338, Sept. 21; Serial No. 531,093, published June 8, 1948. Class 6.

Babson Bros. Co.: *See*—
Pine Tree Milking Machine Company.

Badger Gas Products: *See*—
Helmer, George H.

Baillie-Lemaire Fils & Cie: *See*—
Sussfeld, Lorsch & Schimmel.

Bakteriologisk Laboratorium, Neumann & Co., I. Aalborg, Aalborg, Denmark, to A/S Bakteriologisk Laboratorium "Ratin," Frederiksberg, Denmark. Bacteriological preparations. 69,723, re-renewed June 30, 1948. O. G. Sept. 21. Class 6.

Baltimore Hardware Company, Baltimore, Md. Workman's apron. 502,295, Sept. 21; Serial No. 528,684, published June 1, 1948. Class 39.

Barber-Colman Company, Rockford, Ill. Air flow control louvers. 502,395, Sept. 21; Serial No. 537,403, published June 8, 1948. Class 34.

Barnett, Geo. B., Estherwood, to Barnett, George B., & Sons, Crowley, La. Liniment for an antiseptic and germicide. 237,511, renewed Jan. 10, 1948. O. G. Sept. 21. Class 6.

Barnett, George B., & Sons: *See*—
Barnett, Geo. B.

Bauer & Co., Berlin, Germany, to N. V. A. Wulfing & Co.'s Chemische Producten, Velp, Guelders, Holland. Dietetic albuminons preparations. 53,028, re-renewed May 22, 1946. O. G. Sept. 21. Class 6.

Bazley, Ernest S., doing business as Bazley Markets, Chicago, by Bazley and Junedale Markets Co., Chicago, Ill. Nut oleomargarine. 179,190, Feb. 5, 1924. Republished Sept. 21. Class 46.

Bazley, Ernest S., doing business as The Bazley Market, by Bazley and Junedale Markets Co., Chicago, Ill. Butter. 224,600, Mar. 1, 1927. Republished Sept. 21. Class 46.

Bazley, Ernest S., doing business as The Bazley Market, by Bazley and Junedale Markets Co., Chicago, Ill. Bacon. 229,211, June 21, 1927. Republished Sept. 21. Class 46.

Bazley and Junedale Markets Co.: *See*—
Bazley, Ernest S.
Bazley Markets.

Bazley Market, The: *See*—
Bazley, Ernest S.

Bazley Markets: *See*—
Bazley, Ernest S.

Bear Brand Hosiery Co.: *See*—
Paramount Knitting Company.

Becker, Walter J., doing business as Becker's Drug Store, Amsterdam, by R. Z. Lindsay, New York, N. Y. Skin lotion. 222,693, Jan. 4, 1927. Republished Sept. 21. Class 6.

Becker's Drug Store: *See*—
Becker, Walter J.

Behrens, Sir Jacob, & Sons, Bradford, England. Piece goods of wool or cotton. 440,717, Sept. 21; Serial No. 516,758, published June 8, 1948. Class 42.

Belk-Stevens Company, Winston-Salem, N. C. Overalls for men and boys. 281,110, Mar. 10, 1931. Republished Sept. 21. Class 39.

Bell Company: *See*—
Terhune, Yereance & Wolff, Inc.

Bell & Gossett Company, Morton Grove, Ill. Indirect water heaters of the heat exchanger type. 502,234, Sept. 21; Serial No. 509,134, published June 8, 1948. Class 34.

Belle City Malleable Iron Company, Racine, Wis. Castings of ferrous metal. 383,485, Dec. 10, 1940. Republished Sept. 21. Class 14.

Bennett Pumps Corporation, The, Muskegon, to John Wood Manufacturing Company, Inc., Muskegon Heights, Mich. Combined lubricant tank and nonmeasuring pump. 250,675, renewed Dec. 11, 1948. O. G. Sept. 21. Class 23.

Beringer Bros., Inc., St. Helena, Calif. Wines. 343,900, Mar. 9, 1937. Republished Sept. 21. Class 47.

Bernstein, Charles, & Son, New York, N. Y. Textile fabrics in the piece. 502,400, Sept. 21; Serial No. 538,349, published June 1, 1948. Class 42.

Beveridge Paper Company, The, Indianapolis, Ind. Cardboard, calendar board, boxboard, etc. 502,334, Sept. 21; Serial No. 531,015, published June 22, 1948. Class 37.

Binney & Smith Company, New York, N. Y. Drawing crayon. 502,429, Sept. 21; Serial No. 528,109. Class 37.

Blake Industries, Detroit, Mich. Furniture leg leveler in the nature of a self-adjusting glider. 502,308, Sept. 21; Serial No. 529,349, published June 15, 1948. Class 13.

Bond, Charles, Company, Philadelphia, Pa. Flat and round leather belting. 171,509, Aug. 7, 1923. Republished Sept. 21. Class 35.

Bond, Charles, Company, Philadelphia, Pa. Flat and round leather belting. 191,200, Nov. 4, 1924. Republished Sept. 21. Class 35.

Bond, Charles, Company, Philadelphia, Pa. Loom pickers, check straps. 198,619, May 19, 1925. Republished Sept. 21. Class 23.

Bond, Charles, Company, Philadelphia, Pa. Flat and round belting. 199,418, June 9, 1925. Republished Sept. 21. Class 35.

Bond, Charles, Company, Philadelphia, Pa. Leathered loom sundries, etc. 199,796, June 16, 1925. Republished Sept. 21. Class 23.

Bond, Charles, Company, Philadelphia, Pa. Shaft couplings. 261,043, Sept. 3, 1929. Republished Sept. 21. Class 23.

Bond, Charles, Company, Philadelphia, Pa. Shaft couplings. 261,105, Sept. 3, 1929. Republished Sept. 21. Class 23.

Bond Foundry and Machine Company, Manheim, Pa. Shaft couplings. 79,400, Sept. 6, 1910. Republished Sept. 21. Class 23.

Bond Foundry and Machine Company, Manheim, Pa. Truck casters. 196,094, Mar. 10, 1925. Republished Sept. 21. Class 19.

Bond Foundry and Machine Company, Manheim, Pa. Truck casters. 314,283, June 26, 1934. Republished Sept. 21. Class 19.

Bond Foundry and Machine Company, Manheim, Pa. Hand trucks. 421,830, June 18, 1946. Republished Sept. 21. Class 19.

Bosco Company, Inc., New York, N. Y. Series of cartoons. 432,530, Sept. 2, 1947. Republished Sept. 21. Class 38.

Bravo, Etelberto A., Barrio Las Huelgas, Spain. Preserved fish. 440,734, Sept. 21; Serial No. 523,044, published June 8, 1948. Class 46.

Bridgeton Canning Co.: *See*—
Stewart, Norman W.

Briggs, Bates & Bacon Company, Attleboro, Mass. Chains. 502,352, Sept. 21; Serial No. 532,268, published June 8, 1948. Class 28.

Brioschi, Achille, & Co. Inc., New York, N. Y. Effervescent beverage salts. 209,297–8, Feb. 23, 1926. Republished Sept. 21. Class 6.

Bristol-Myers Company: *See*—
McKesson & Robbins, Incorporated.

Britt, Mary, Franklin, Tenn. Antiseptic salve. 502,340, Sept. 21; Serial No. 531,303, published June 8, 1948. Class 6.

Brittains, Limited, Cheddleton, England. Tissue paper generally. 227,549, May 10, 1927. Republished Sept. 21. Class 37.

Brittains Limited, Cheddleton, England. Tissue papers. 298,882, Nov. 8, 1932. Republished Sept. 21. Class 37.

Brockton Boot and Shoe Company: *See*—
Brockton Co-operative Boot & Shoe Co.

Brockton Co-operative Boot & Shoe Co., Boston, by Brockton Boot and Shoe Company, Boston and Brockton, Mass. Leather boots and shoes. 68,167, Mar. 10, 1908. Republished Sept. 21. Class 39.

Brolite Company, Chicago, Ill. Culture preparation. 429,837, May 20, 1947. Republished Sept. 21. Class 46.

Brooks Brothers, New York, N. Y. Glass bottles, glass vials, glass dinnerware, etc. 502,341, Sept. 21; Serial No. 531,309, published June 1, 1948. Class 33.

Bryan Full Fashioned Mills, Chattanooga, Tenn. Hosiery. 502,236, Sept. 21; Serial No. 510,876, published June 1, 1948. Class 39.

Buescher Band Instrument Co., Elkhart, Ind. Periodical publication. 239,420, Mar. 6, 1928. Republished Sept. 21. Class 38.

Bulova Watch Company, Inc., New York, N. Y. Bracelets. 288,966, Nov. 10, 1931. Republished Sept. 21. Class 28.

Bunyan, Paul, Bait Company, The, Minneapolis, Minn. Liquid preparation for preserving and rendering water repellant, dry flies, fishing lines, etc. 502,388, Sept. 21; Serial No. 536,581, published June 8, 1948. Class 6.

Bureau of National Affairs, Inc., The, Washington, D. C. Periodical publications. 502,425, Sept. 21; Serial No. 521,056. Class 38.

Burgess-Norton Mfg. Co., Geneva, Ill. Piston pins, power transmission clutches and parts thereof. 266,674, Jan. 28, 1930. Republished Sept. 21. Class 23.

Burgio Bros., Inc.: *See*—
Victorius, A. V., & Co., Inc.

Burgoon & Yingling, Gettysburg, Pa. Canned peas, canned beans, canned tomatoes, etc. 267,380, Feb. 18, 1930. Republished Sept. 21. Class 46.

Burnham & Morrill, Portland, Maine. Canned vegetables. 302,723, Apr. 25, 1933. Republished Sept. 21. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned lobsters. 52,289, May 8, 1906. Republished Sept. 21. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned vegetables. 277,683, Nov. 25, 1930. Republished Sept. 21. Class 46.

Burnham & Morrill Company, Portland, Maine. Canned vegetables. 303,354, May 23, 1933. Republished Sept. 21. Class 46.

Burns, Jabez, & Sons, New York, N. Y. Coffee and spice mill machinery and roasters for coffee. 73,447, Apr. 20, 1909. Republished Sept. 21. Class 23.

Burns, Jabez, & Sons, Inc.: *See*—
Burns, Jabez, & Sons.

Burns, Jabez, & Sons, Inc., New York, N. Y. Apparatus for mechanically cooling roasted coffee and other materials. 275,169, Sept. 16, 1930. Republished Sept. 21. Class 23.

Burns, Jabez, & Sons, Inc., New York, N. Y. Machines for grinding, cracking, or otherwise treating coffee and other materials. 399,839, Feb. 2, 1943. Republished Sept. 21. Class 23.

Byer-Rolnick Company, Garland, Tex. Men's hats. 386,072, Mar. 25, 1941. Republished Sept. 21. Class 39.

Byer-Rolnick Company, Garland, Tex. Men's hats. 395,456, May 26, 1942. Republished Sept. 21. Class 39.

Byer-Rolnick Company, Garland, Tex. Men's hats. 399,662, Jan. 26, 1943. Republished Sept. 21. Class 39.

Byer-Rolnick Company, Garland, Tex. Men's hats. 407,209–10, May 23, 1944. Republished Sept. 21. Class 39.

Byrd, H. F., Winchester, Va. Fresh apples. 254,636, Mar. 26, 1929. Republished Sept. 21. Class 46.

California Hand Prints, Inc., Hermosa Beach, Calif. Plain and printed textile piece goods. 502,418, Sept. 21; Serial No. 510,235. Class 42.

Callahan, C., Company, The, La Fayette, Ind. Canned foods. 440,726, Sept. 21; Serial No. 519,511, published June 15, 1948. Class 46.

Calumet and Hecla Consolidated Copper Company, Boston, Mass. Finned tubing. 418,091, Dec. 4, 1945. Republished Sept. 21. Class 34.

Canadian Fisheries, The, Ltd., Halifax, Nova Scotia, Canada, and Portland, Maine. Canned lobster. 273,133, July 22, 1930. Republished Sept. 21. Class 46.

Candy Products Corporation, Owosso, Mich., by Original Allegretti Inc., Chicago, Ill. Candies. 305,225, Aug. 8, 1933. Republished Sept. 21. Class 46.

Canova Foods, Incorporated: *See*—
Maury-Cole Company.

Cántabro-Mediterránea, S. A., Valencia, Spain. Canned fish. 440,690, Sept. 21; Serial No. 503,349, published June 15, 1948. Class 46.

Caplan, A. I., St. Johnsbury, Vt. Shoes. 440,681, Sept. 21; Serial No. 491,702, published June 15, 1948. Class 39.

Carbonell y Ca., to Carbonell y Compania de Cordoba S. A., Cordoba, Spain. Pure olive oil. 247,079, renewed Sept. 18, 1948. O. G. Sept. 21. Class 46.

Carbonell y Compania de Cordoba S. A.: *See*—
Carbonell y Ca.

Carey Laboratories Corporation: *See*—
Carey Salt Co.

Carey Salt Co., by The Carey Laboratories Corporation, Hutchinson, Kans. Salt. 278,007, Dec. 2, 1930. Republished Sept. 21. Class 6.

Carnation Milk Products Company, Oconomowoc, Wis., Chicago, Ill., and Seattle, Wash., to Cho-Cho Company, Los Angeles, Calif. Concentrated syrup. 245,903, renewed Aug. 28, 1948. O. G. Sept. 21. Class 46.

Carwood Manufacturing Company, Winder, Ga. Men's and boys' overalls. 440,687, Sept. 21; Serial No. 500,860, published Jan. 6, 1948. Class 39.

Catalina, Inc., Los Angeles, Calif. Swim suits, swim trunks, sweaters, etc. 440,716, Sept. 21; Serial No. 516,602, published June 1, 1948. Class 39.

Cattaraugus Cutlery Company, Little Valley, N. Y. Butcher, skinning, sticking, boning, and steak knives, etc. 17,700, Mar. 25, 1890. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Company, Little Valley, N. Y. Pocket-knives, table knives and forks, etc. 63,389, June 18, 1907. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Co., Little Valley, N. Y. Pocket-knives, table knives and forks, shears, etc. 72,060, renewed Dec. 29, 1948. O. G. Sept. 21. Class 23.
Cattaraugus Cutlery Co., Little Valley, N. Y. Razors. 95,599, Mar. 3, 1914. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Co., Little Valley, N. Y. Cutlery. 111,660, July 25, 1916. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Co., Little Valley, N. Y. Penknives, jackknives, kitchen-knives, etc. 139,499, Feb. 8, 1921. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Co., Little Valley, N. Y. Razor-strops and razor-hones. 139,500, Feb. 8, 1921. Republished Sept. 21. Class 4.
Cattaraugus Cutlery Co., Little Valley, N. Y. Sheath knife. 209,517, Feb. 23, 1926. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Company, Little Valley, N. Y. Pocket-knives and hunting knives. 277,075, Nov. 4, 1930. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Company, Little Valley, N. Y. Pocket knife. 296,295, Aug. 2, 1932. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Company, Little Valley, N. Y. Knife. 327,764, Sept. 3, 1935. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Company, Little Valley, N. Y. Household cutlery of base metal. 367,396, May 16, 1939. Republished Sept. 21. Class 23.
Cattaraugus Cutlery Company, Little Valley, N. Y. Carving sets and knives. 385,884, Mar. 18, 1941. Republished Sept. 21. Class 23.
Cercla, The, Co., by General Binding Corporation, Chicago, Ill. Permanent and loose-leaf mechanical binders, etc. 338,238, Sept. 1, 1936. Republished Sept. 21. Class 37.
Charleston Milling Company: *See*—
Charleston Milling & Produce Company.
Charleston Milling & Produce Company, to Charleston Milling Company, Charleston, W. Va. Stock and poultry feed. 242,373, renewed May 22, 1948. O. G. Sept. 21. Class 46.
Charmette Fabrics Co., Inc., New York, N. Y. Piece goods. 502,253, Sept. 21; Serial No. 519,732, published May 25, 1948. Class 42.
Cheramy, Inc., New York, by Houbigant, Inc., New York, N. Y. Perfume, toilet water, vegetal, etc. 199,726, June 16, 1925. Republished Sept. 21. Class 6.
Chicago Carton Company, Chicago, Ill. Cartons. 502,286, Sept. 21; Serial No. 528,011, published June 29, 1948. Class 2.
Chicago Electric Manufacturing Company, Chicago, Ill. Electric laundry washers. 502,309, Sept. 21; Serial No. 529,366, published June 29, 1948. Class 24.
Chicago Electric Manufacturing Company, Chicago, Ill. Electric laundry washers. 502,312, Sept. 21; Serial No. 529,600, published June 29, 1948. Class 24.
Chlorine Solutions, Inc.: *See*—
Kittiess, Jason J.
Cho-Cho Company: *See*—
Carnation Milk Products Company.
Christiana Machine Company, Christiana, Pa. Brake drums. 343,535, Feb. 23, 1937. Republished Sept. 21. Class 19.
Christie, James V., doing business as The Hobbygas Company, San Francisco, Calif. Liquid fuel. 502,241, Sept. 21; Serial No. 512,766, published May 25, 1948. Class 15.
Church & Dwight Co., Inc., New York, N. Y. Sal soda, washing soda, baking soda, etc. 502,261, Sept. 21; Serial No. 526,744, published June 8, 1948. Class 6.
Church & Dwight Co., Inc., New York, N. Y. Sal soda, washing soda, and bicarbonate of soda. 502,262, Sept. 21; Serial No. 526,751, published June 8, 1948. Class 6.
Church & Dwight Co., Inc., New York, N. Y. Baking soda (bicarbonate of soda), and baking powder. 502,263, Sept. 21; Serial No. 526,785, published June 8, 1948. Class 46.
Church & Dwight Co., Inc., New York, N. Y. Sal soda, baking soda, and bicarbonate of soda. 502,264, Sept. 21; Serial No. 526,789, published June 8, 1948. Class 6.
Church & Dwight Co., Inc., New York, N. Y. Baking soda (bicarbonate of soda), and baking powder. 502,265, Sept. 21; Serial No. 526,812, published June 8, 1948. Class 46.
Churngold Corporation, The, Cincinnati, Ohio. Oleomargarine. 502,437, Sept. 21; Serial No. 544,661. Class 46.
Ciba Limited: *See*—
Society of Chemical Industry.
Society of Chemical Industry in Basle.
Classe Ribbon Works, Inc., Anniston, Ala. Ribbon. 502,244, Sept. 21; Serial No. 514,800, published June 8, 1948. Class 42.
Coast Fishing Company, Los Angeles, Calif. Canned dog food. 314,306, June 26, 1934. Republished Sept. 21. Class 46.
Cobb Canning Company, Cobb, Wis. Canned peas. 420,304, Apr. 2, 1946. Republished Sept. 21. Class 46.
Coddington, Earl L., Middleton, Ohio. Power operated machine. 430,314, June 10, 1947. Republished Sept. 21. Class 23.
Cohn-Goldwater Company, Los Angeles, Calif., by Cohn-Goldwater Mfg. Co., Los Angeles, Calif. Men's, boys', and women's dress, negligee, and work shirts, nightshirts, pajamas, etc. 184,979, June 3, 1924. Republished Sept. 21. Class 39.
Cohn-Goldwater Mfg. Co.: *See*—
Cohn-Goldwater Company.
Cohn-Goldwater Mfg. Co., Los Angeles, Calif. Work clothing or outer clothing for men or women. 213,560, June 1, 1926. Republished Sept. 21. Class 39.
Cohn-Goldwater Mfg. Co., Los Angeles, Calif. Men's clothing. 225,768, Mar. 22, 1927. Republished Sept. 21. Class 39.
Colonial Mfg. Co., Inc., New York, N. Y. Jewelry. 431,973, Aug. 12, 1947. Republished Sept. 21. Class 28.
Columbian Enameling and Stamping Co., Inc., Terre Haute, Ind. Mixing bowls, dish pans, sauce pans, etc. 502,287, Sept. 21; Serial No. 528,013, published June 22, 1948. Class 13.
Columbian Rope Company, Auburn, N. Y. Wheels for supporting endless abrasive bands or belts. 440,711, Sept. 21; Serial No. 514,690, published June 8, 1948. Class 23.
Comfort Paper Corporation, San Francisco, Calif. Paper napkins. 502,243, Sept. 21; Serial No. 513,158, published June 22, 1948. Class 37.
Commander-Larabee Milling Company: *See*—
Larabee Flour Mills Company, The.
Commercial Solvents Corporation: *See*—
American Solvents & Chemical Corporation.
Compagnie Des Montres Longines, Francillon S. A. (Longines Watch Co. Francillon Ltd.): *See*—
Whittnauer, A., Co.
Cone Export and Commission Co., Inc., New York, N. Y. Cotton piece goods, gingham piece goods, wash cloths, and toweling. 502,238, Sept. 21; Serial No. 511,674, published June 8, 1948. Class 42.
Conlon, Charles S., doing business as The Wunda Wiper Company, to Edna K. Fay, Portsmouth, N. H. Treated dust cloths. 239,573, renewed Mar. 6, 1948. O. G. Sept. 21. Class 4.
Connor Patents Limited, London, England. Machine for spraying paints, colours, and varnish. 440,704, Sept. 21; Serial No. 511,056, published June 1, 1948. Class 23.
Consolidated Grocers Corporation: *See*—
Western Grocer Company.
Consolidated Machine Tool Corporation, Rochester, N. Y. Machine tools. 502,272, Sept. 21; Serial No. 527,450, published June 1, 1948. Class 23.
Consolidated Machine Tool Corporation, Rochester, N. Y. Metal-working machinery. 502,273, Sept. 21; Serial No. 527,451, published June 1, 1948. Class 23.
Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Coated book paper and coated sulphite paper. 502,266, Sept. 21; Serial No. 527,150, published June 22, 1948. Class 37.
Conti Products Corporation, Brooklyn, N. Y. Olive oil. 502,412, Sept. 21; Serial No. 547,404, published June 15, 1948. Class 46.
Continental Undergarment Company, Brooklyn, by Continental Undergarment Co., Inc., Brooklyn, N. Y. Knitted, netted, and textile fabric underwear. 248,868, Oct. 30, 1928. Republished Sept. 21. Class 39.
Continental Undergarment Co., Inc.: *See*—
Continental Undergarment Company.
Cooter Company: *See*—
Recorg Supply Corporation.
Cooter Company, The: *See*—
Merchants Service Corp.
Merchants Service Corporation.
Recorg Supply Corporation.
Cooter, Paul M.: *See*—
Merchants Service Corp.
Merchants Service Corporation.
Recorg Supply Corporation.
Coughlan, G. N., Co., West Orange, N. J. Pea shellers, kitchen shears, jar openers, etc. 362,669, Nov. 29, 1938. Republished Sept. 21. Classes 23 and 29.
Cream Dove Mfg. Co., Inc., Binghamton, N. Y. Cooking compounds. 250,101, renewed Nov. 27, 1948. O. G. Sept. 21. Class 46.
Crescent Insulated Wire and Cable Co. Inc., Trenton, N. J. Electrical wire, cable, and conductors. 344,512, Mar. 30, 1937. Republished Sept. 21. Class 21.
Cross Country Sportswear Corp., New York, N. Y. Men's and boys' wearing apparel. 502,421, Sept. 21; Serial No. 514,753. Class 39.
Crowther, Wm. T., & Son, Inc., by Wm. T. Crowther & Son, Inc., assignor to Massachusetts Canning Corporation, Boston, Mass. Dog food. 405,779, Feb. 22, 1944. Republished Sept. 21. Class 46.
Curran & Joyce Co., Inc., Lawrence, Mass. Ginger ale. 229,535, June 28, 1927. Republished Sept. 21. Class 45.
Curtis 1000 Inc., St. Paul, Minn. Envelopes, letter paper. 185,008, June 3, 1924. Republished Sept. 21. Class 37.
Curtis 1000 Inc., St. Paul, Minn. Mailing and catalog envelopes. 342,493, Jan. 19, 1937. Republished Sept. 21. Class 37.

Curtis 1000 Inc., St. Paul, Minn. Correspondence, mailing, and filing envelopes. 350,220, Sept. 21, 1937. Republished Sept. 21. Class 37.
Curvfit Razor Company, Inc., New York, N. Y. Razors. 205,305, Nov. 3, 1925. Corrected. O. G. Sept. 21. Class 23.
Danbury Rubber Company, Inc., Danbury, Conn. Rubber and synthetic rubber. 502,230, Sept. 21; Serial No. 501,239, published June 1, 1948. Class 50.
Daniels, Jay V., Chicago, Ill., by Dearborn Supply Company, Chicago, Ill. Ointment or cream for the complexion. 89,231, Dec. 3, 1912. Republished Sept. 21. Class 6.
Dan Valley Mills, Danville, Va. Wheat flour. 138,604–5, Jan. 4, 1921. Republished Sept. 21. Class 46.
Dan Valley Mills, Danville, Va. Self-rising wheat flour. 206,970, Dec. 15, 1925. Republished Sept. 21. Class 46.
Dan Valley Mills, The, Danville, Va. Plain and self-rising wheat flour. 277,973, Dec. 2, 1930. Republished Sept. 21. Class 46.
Darling Valve & Manufacturing Company, Williamsport, Pa. Fabric cups. 390,719, Sept. 30, 1941. Republished Sept. 21. Class 35.
Darling Valve & Manufacturing Company, Williamsport, Pa. Metal box strapping. 410,910, Dec. 26, 1944. Republished Sept. 21. Class 13.
David, John, New York, by John David, Inc., New York, N. Y. Men's dress suits, tuxedo suits, full dress suits, etc. 173,792, Oct. 2, 1923. Republished Sept. 21. Class 39.
David, John, New York, by John David, Inc., New York, N. Y. Men's suits, vests, coats, etc. 194,655, Feb. 3, 1925. Republished Sept. 21. Class 39.
David, John, by John David, Inc., New York, N. Y. Socks, men's union suits, undershirts, etc. 337,260, Aug. 4, 1936. Republished Sept. 21. Class 39.
David, John, Inc.: *See*—
David, John.
Dearborn Supply Company: *See*—
Daniels, Jay V.
Deco Manufacturing Company: *See*—
Derr, Lyman T.
Defiance Sales Corporation, New York, N. Y. Articles of stationery. 199,596, June 16, 1925. Republished Sept. 21. Class 37.
Delco-Remy Corporation, Anderson, Ind., and Dayton, Ohio, to General Motors Corporation, Detroit, Mich. Electrical starting, lighting, and ignition. 246,572, renewed Sept. 11, 1948. O. G. Sept. 21. Class 21.
Derr, Lyman T., doing business as Deco Manufacturing Company, Los Angeles, Calif. Twist drills and socket wrenches. 440,688, Sept. 21; Serial No. 501,170, published June 22, 1948. Class 23.
Des Moines Wholesale Grocer Co., Des Moines, Ia., by Twin City Wholesale Grocer Co., St. Paul, Minn. Apple butter, canned fish, canned fruits, etc. 200,581, July 7, 1925. Republished Sept. 21. Class 46.
De Swaan, A., Inc., New York, N. Y. Wheat flour. 502,427, Sept. 21; Serial No. 525,305. Class 46.
Detrick, M. H., Company, Chicago, Ill. Metal parts for industrial furnaces. 502,279, Sept. 21; Serial No. 527,860, published June 8, 1948. Class 34.
Deutsche Gold-und-Silber-Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany, vested in the Attorney General of the United States, Washington, D. C. Dentists' instruments. 238,892, renewed Feb. 14, 1948. O. G. Sept. 21. Class 44.
De Vilbiss Company, The: *See*—
De Vilbiss Manufacturing Co., The.
De Vilbiss Manufacturing Co., The, to The De Vilbiss Company, Toledo, Ohio. Compressed-air spraying machines. 166,404, Apr. 3, 1923. Republished Sept. 21. Class 23.
De Witt & Co. Inc.: *See*—
De Witt, E. C., & Company.
De Witt, E. C., & Company, Chicago, to E. C. De Witt & Co. Inc., Chicago, Ill. Preparation for alleviating discomforts of excess stomach acidity and improving the appetite. 32,134, re-renewed Nov. 8, 1948. O. G. Sept. 21. Class 6.
Diadem Inc.: *See*—
Diadem Mfg. Co.
Diadem Mfg. Co., Fitchburg, Mass., by Diadem Inc., Leominster, Mass. Combs, barrettes, fancy pins for the hair, etc. 151,737, Feb. 14, 1922. Republished Sept. 21. Class 40.
Diamond Alkali Company: *See*—
Standard Portland Cement Company.
Diamond Alkali Company, Pittsburgh, Pa. Chlorine. 280,638, Feb. 24, 1931. Republished Sept. 21. Class 6.
Diamond Alkali Company, Pittsburgh, Pa. Sodium bicarbonate. 282,927, May 5, 1931. Republished Sept. 21. Class 6.
Diamond Alkali Company, Pittsburgh, Pa. Carbon tetrachloride. 365,394, Mar. 7, 1939. Republished Sept. 21. Class 6.
Diamond Alkali Company, Pittsburgh, Pa. Cleaning and washing compounds. 401,970, Jan. 22, 1943. Republished Sept. 21. Class 4.
Diamond Alkali Company, Pittsburgh, Pa. Laundry sours, silicated alkalis. 402,350, July 13, 1943. Republished Sept. 21. Class 4.
Diamond Alkali Company, Pittsburgh, Pa. Laundry detergent. 411,282, Jan. 9, 1945. Republished Sept. 21. Class 4.
Diamond Alkali Company, Pittsburgh, Pa. Laundry detergent. 415,659–60, Aug. 14, 1945. Republished Sept. 21. Class 4.
Diamond Alkali Company, Pittsburgh, Pa. Laundry sour. 415,958–60, Aug. 21, 1945. Republished Sept. 21. Class 6.
Diamond Alkali Company, Pittsburgh, Pa. Laundry sour. 415,962, Aug. 21, 1945. Republished Sept. 21. Class 6.
Diamond Alkali Company, Pittsburgh, Pa. Chlorinated paraffin wax. 420,478, Apr. 16, 1946. Republished Sept. 21. Class 6.
Diamond Match Company, The: *See*—
Independent Paper Mills, Inc.
Dickson Weatherproof Nail Co., Evanston, Ill. Nails and staples. 502,226, Sept. 21; Serial No. 486,405, published June 15, 1948. Class 13.
Dios Chemical Co., St. Louis, Mo. Medical preparation. 44,420, July 4, 1905. Republished Sept. 21. Class 6.
Distillation Products, Inc., Rochester, N. Y. Edible fats. 440,698, Sept. 21; Serial No. 509,759, published June 15, 1948. Class 46.
Ditto, Incorporated, Chicago, Ill. Paper. 250,843, renewed Dec. 18, 1948. O. G. Sept. 21. Class 37.
Dixie Wax Paper Company, Dallas, Tex., and Memphis, Tenn. Paper bags. 306,104, Sept. 5, 1933. Republished Sept. 21. Class 2.
Dixie Wax Paper Company, Memphis, Tenn. and Dallas, Tex. Moisture and moisture vapor proof paper bags. 328,070, Sept. 17, 1935. Republished Sept. 21. Class 2.
Dolge Company, C. B., The, Westport, Conn. Deodorizing blocs. 239,568, Mar. 6, 1928. Republished Sept. 21. Class 6.
Donnybrook Coat Co., Inc., by Philip Shlansky & Bro., Inc., New York, N. Y. Ladies' coats. 333,759, Apr. 7, 1936. Republished Sept. 21. Class 39.
Donnybrook Coat Co., Inc., by Philip Shlansky & Bro., Inc., New York, N. Y. Ladies' coats. 333,972, Apr. 14, 1936. Republished Sept. 21. Class 39.
Dorr Company, The: *See*—
Dorr Company, Inc., The.
Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids suspended in liquids. 328,835, Oct. 8, 1935. Republished Sept. 21. Class 23.
Dorr Company, Inc., The, by The Dorr Company, New York, N. Y. Apparatus for the treatment of solids suspended in liquids. 343,664, Mar. 2, 1937. Republished Sept. 21. Class 23.
Drackett Chemical Company, The, to The Drackett Company, Cincinnati, Ohio. Epsom salt. 251,039, renewed Dec. 25, 1948. O. G. Sept. 21. Class 6.
Drackett Company, The: *See*—
Drackett Chemical Company, The.
Draper Brothers Company, Canton, Mass. Textile blankets. 397,829, Sept. 22, 1942. Republished Sept. 21. Class 42.
Draper, Luther O., Shade Company, Spiceland, Ind. Window shade brackets. 440,678, Sept. 21; Serial No. 484,561, published June 29, 1948. Class 3.
Dretsch, Fred, The, Mfg. Co., Brooklyn, N. Y. Drums, banjos and guitars. 347,503, June 29, 1937. Republished Sept. 21. Class 36.
Drybak Corporation, The: *See*—
Weed, Lewis M., Co., Inc.
Drybak Corporation, The, by The Drybak Corporation (1929), Binghamton, N. Y. Men's, boys', women's, and children's breeches and leggings; men's and boys' trousers and pants. 243,341, June 19, 1928. Republished Sept. 21. Class 39.
Drybak Corporation (1929), The: *See*—
Drybak Corporation, The.
Dulany, John H. & Son, Inc., Fruitland, Md., and Exmore, Va. Frozen fruits and vegetables. 502,321, Sept. 21; Serial No. 530,072, published June 8, 1948. Class 46.
Du-Lite Chemical Corporation, The, Middletown, Conn. Specially prepared chemical compound. 392,383, Dec. 23, 1941. Republished Sept. 21. Class 6.
Duncan Coffee Company, Houston, Tex. Coffee, tea. 502,232, Sept. 21; Serial No. 507,520, published June 8, 1948. Class 46.
Dun-L Products, Inc., New York, N. Y. Pharmaceutical preparation. 502,330, Sept. 21; Serial No. 530,726, published June 1, 1948. Class 6.
Dutch Mill Candy Co., Chicago, Ill. Candies and bonbons. 440,694, Sept. 21; Serial No. 507,114, published Aug. 5, 1947. Class 46.
Dwight, E. McCaln, Frederick, Md. Fresh apples, peaches, pears, and plums. 121,131, Apr. 9, 1918. Republished Sept. 21. Class 46.
E. A. Laboratories, Inc., New York, N. Y. Electric lamps, electric horns, electric stop signals, etc. 502,348, Sept. 21; Serial No. 531,686, published June 1, 1948. Class 21.
Eastern Shaver Service Co., New York, N. Y. Electric shavers. 440,713, Sept. 21; Serial No. 515,488, published June 22, 1948. Class 23.
Easton Wholesale Grocery Company: *See*—
Talbot Packing & Preserving Company.

Eaton, O. O., Watsonville, Calif. Fresh fruits and vegetables. 207,058, Dec. 15, 1925. Republished Sept. 21. Class 46.

Eaton, O. O., Watsonville, Calif. Fresh lettuce. 300,683, Jan. 31, 1933. Republished Sept. 21. Class 46.

Eaton, O. O., Watsonville, Calif. Fresh vegetables. 371,537, Sept. 26, 1939. Republished Sept. 21. Class 46.

Edgar-Morgan Company, Memphis, by Happy Mills, Memphis, Tenn. Feeds and foodstuffs for poultry, cattle, horses, etc. 207,031, Dec. 15, 1925. Republished Sept. 21. Class 46.

Edgett-Burnham Company: *See*—
Wayne County Preserving Co.
Wayne County Preserving Company.

Ehrman, Samuel, & Co., Inc., New York, N. Y. Laces in the piece. 502,379, Sept. 21; Serial No. 534,280, published May 25, 1948. Class 42.

Electric Controller & Manufacturing Company, The, Cleveland, Ohio. Electric controllers. 502,324, Sept. 21; Serial No. 530,483, published June 8, 1948. Class 21.

Elmo, Incorporated, Philadelphia, Pa. Astringents, astringent cerates, bleach creams, etc. 270,807, May 13, 1930. Republished Sept. 21. Class 6.

Elmo, Incorporated, Philadelphia, Pa. Astringents, astringent cerates, bleach creams, etc. 290,635, Jan. 12, 1932. Republished Sept. 21. Class 6.

Empire Shield Company, Inc., New York, N. Y. Rubber crib sheets and table covers of plastic film. 502,306, Sept. 21; Serial No. 529,242, published June 8, 1948. Class 42.

Enzinger Union Corporation, Angola, N. Y. Filtermass washers, filter sterilizing apparatus, filtermass breakers, etc. 502,289, Sept. 21; Serial No. 528,267, published June 22, 1948. Class 23.

Erwin Cotton Mills Company, Durham, N. C. Sheetings. 333,066, Mar. 10, 1936. Republished Sept. 21. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Sheets, pillow cases, sheetings. 381,267, Sept. 17, 1940. Republished Sept. 21. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Denim in the piece. 384,205, Jan. 7, 1941. Republished Sept. 21. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Sheets and pillow cases. 387,347, May 13, 1941. Republished Sept. 21. Class 42.

Esmeralda Canning Co., The, Circleville, Ohio. Canned vegetables. 344,636, Mar. 30, 1937. Republished Sept. 21. Class 46.

Etablissements Gaston Verdier (Societe Anonyme), Meaux, Seine et Marne, France. Stockings, socks, and half stockings. 196,284, renewed Mar. 17, 1945. O. G. Sept. 21. Class 39.

Etchison Hat Co., Inc., Richmond, Va. Hats and caps of all kinds. 250,912, renewed Dec. 18, 1948. O. G. Sept. 21. Class 39.

Evans, Alfred W., Gloucester, Va., and Englewood, N. J. Winches and accessories therefor. 440,706, Sept. 21; Serial No. 512,830, published June 8, 1948. Class 23.

Exolon Company, The, Tonawanda, N. Y. Refractory materials. 214,323, June 22, 1926. Republished Sept. 21. Class 12.

Exolon Company, The, Tonawanda, N. Y. Artificial abrasive grains. 320,843, Jan. 8, 1935. Republished Sept. 21. Class 4.

Exolon Company, The, Tonawanda, N. Y. Fused aluminous oxide grains. 332,105, Feb. 4, 1936. Republished Sept. 21. Class 4.

Eye-Catchers, Inc., New York, N. Y. Publication issued monthly. 367,161, May 9, 1939. Republished Sept. 21. Class 38.

Fadrich Corporation: *See*—
Richter, F. A., & Co.

Fair, The, Chicago, Ill. Cigars. 502,387, Sept. 21; Serial No. 536,369, published June 29, 1948. Class 17.

Fast, James G., Company, Chicago, Ill. Unwoven rayon cloth pieces. 440,696, Sept. 21; Serial No. 509,081, published May 25, 1948. Class 42.

Fay, Edna K.: *See*—
Conlon, Charles S.

Ferguson, J. L., Company, Joliet, Ill. Packaging machinery. 275,550, Sept. 23, 1930. Republished Sept. 21. Class 23.

Filice & Perrelli Canning Company, Inc., Richmond, Calif. Canned fruits, canned vegetables. 140,122, Mar. 8, 1921. Republished Sept. 21. Class 46.

Filice & Perrelli Canning Company, Inc., Richmond, Calif. Canned fruits, canned vegetables. 247,766, Oct. 2, 1928. Republished Sept. 21. Class 46.

Fine Foods, Inc., Seattle, Wash. Canned fruits and canned vegetables, canned berries, etc. 351,185, Oct. 19, 1937. Republished Sept. 21. Class 46.

Fine Foods, Inc., Seattle, Wash. Malt syrups for food purposes. 353,451, Jan. 11, 1938. Republished Sept. 21. Class 46.

Fine Foods, Inc., Seattle, Wash. Gelatine dessert. 358,618, July 19, 1938. Republished Sept. 21. Class 46.

Fine Foods, Inc., Seattle, Wash. Fresh deciduous fruits, canned fruits, canned vegetables, etc. 377,271, Apr. 30, 1940. Republished Sept. 21. Class 46.

Fine Foods, Inc., Seattle, Wash. Fresh deciduous fruits and vegetables, canned fruits, vegetables, etc. 390,558, Sept. 30, 1941. Republished Sept. 21. Class 46.

Fine Foods, Inc., Seattle, Wash. Food products. 399,854, Feb. 2, 1943. Republished Sept. 21. Class 46.

Fisher Flouring Mills Company, Seattle, Wash. Wheat flour. 246,584, renewed Sept. 11, 1948. O. G. Sept. 21. Class 46.

Fisher, Nath'l, & Co., New York, N. Y. Shoes made wholly or in part of leather. 249,756, renewed Nov. 20, 1948. O. G. Sept. 21. Class 39.

Fiske Brothers Refining Co., Newark, N. J. Launching greases. 502,310, Sept. 21; Serial No. 529,448, published June 22, 1948. Class 15.

Flex-O-Tube Company: *See*—
Flex-O-Tube Co.

Flex-O-Tube Co., The, by Flex-O-Tube Company, Detroit, Mich. Metallic hose couplings. 340,238, Nov. 3, 1936. Republished Sept. 21. Class 13.

Florida Frozen Fruits, Inc., Haines City, Fla. Canned citrus fruit juices. 440,720, Sept. 21; Serial No. 517,297, published Jan. 20, 1948. Class 46.

Florida Fruit Canners, Inc.: *See*—
Massasoit Beverage Co., Inc.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned grapefruit. 248,116, Oct. 16, 1928. Republished Sept. 21. Class 46.

Florida Fruit Canners, Inc., to L. Maxcy, Inc., Frostproof, Fla. Canned grapefruit. 249,236, renewed Nov. 13, 1948. O. G. Sept. 21. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned orange and grapefruit sections. 302,352, Apr. 11, 1933. Republished Sept. 21. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Grapefruit juice and blended orange and grapefruit juice, etc. 324,215, May 14, 1935. Republished Sept. 21. Class 46.

Florida Fruit Canners Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned fruits and canned fruit juices. 334,659, May 12, 1936. Republished Sept. 21. Class 46.

Florin Fruit Growers' Association, Florin, Calif. Fresh grapes. 502,371, Sept. 21; Serial No. 533,721, published June 15 1948. Class 46.

Flory Milling Company, Inc., Bangor, Pa. General purpose stock and dairy feed. 440,732, Sept. 21; Serial No. 521,658, published June 8, 1948. Class 46.

Flying Film Co., The: *See*—
Newton, Carl D.

Flying Filth Company, Inc.: *See*—
Newton, Carl D.

Flying Film Company, Inc., San Antonio, Tex. Photographic prints. 310,983, Mar. 13, 1934. Republished Sept. 21. Class 38.

Folsom, Mrs. George W.: *See*—
Folsom, Ida M.

Folsom, Ida M., doing business as Mrs. G. W. Folsom, McAllen, to M. E. Warren, Pharr, Tex. Preparation for the complexion. 244,098, renewed July 10, 1948. O. G. Sept. 21. Class 6.

Food Service, The, Decatur, Ill. Various food products. 370,095, Aug. 15, 1939. Republished Sept. 21. Class 46.

Forshaw, June: *See*—
Marsh, June F.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 502,401, Sept. 21; Serial No. 538,508, published May 25, 1948. Class 42.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 502,402–3, Sept. 21; Serial Nos. 538,513–14, published June 8, 1948. Class 42.

Fox Company, The: *See*—
Newton, Carl D.

Frank, Richard, doing business as Richard Frank & Co., New York, to Max Ams, Incorporated, Long Island City, N. Y. Fruit syrup. 240,936, renewed Apr. 10, 1948. O. G. Sept. 21. Class 45.

Frank, Richard, & Co.: *See*—
Frank, Richard.

Fremont Kraut Company, The, Fremont, Ohio. Canned sauerkraut. 80,521, Jan. 3, 1911. Republished Sept. 21. Class 46.

Fremont Kraut Company, The, Fremont, Ohio. Canned sauerkraut. 284,153, June 16, 1931. Republished Sept. 21. Class 46.

French, Shriner & Urner Manufacturing Co., Boston, Mass. Boots and shoes. 368,051, June 6, 1939. Republished Sept. 21. Class 39.

Frito Company, The, Dallas, Tex. Corn chips. 502,325, Sept. 21; Serial No. 530,491, published June 8, 1948. Class 46.

Fruit Growers Co-operative, Sturgeon Bay, Wis. Canned cherries. 390,938, Oct. 14, 1941. Republished Sept. 21. Class 46.

Fruit Growers Co-operative, Sturgeon Bay, Wis. Canned cherries. 398,946, Dec. 8, 1942. Republished Sept. 21. Class 46.

Gans, Henry: *See*—
Gans, Henry, Inc.

Gans, Henry, Inc., by Henry Gans, New York, N. Y. Women's and misses' dresses. 353,006, Dec. 21, 1937. Republished Sept. 21. Class 39.

Gemex Company, Union, N. J. Bracelets and watch bracelets. 502,413, Sept. 21; Serial No. 547,885, published June 8, 1948. Class 28.

General Binding Corporation: *See*—
Cercia, The, Co.

General Laboratories, Madison, Wis., to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Insecticides. 235,536, renewed Nov. 22, 1947. O. G. Sept. 21. Class 6.

General Machine Company, Inc., Emmaus, Pa. High pressure atomizing gun type oil burners. 502,249, Sept. 21; Serial No. 517,410, published May 18, 1948. Class 34.

General Motors Corporation: *See*—
Delco-Remy Corporation.

General Motors Corporation, Detroit, Mich. Laundry equipment. 502,399, Sept. 21; Serial No. 537,999, published June 29, 1948. Class 24.

General Time Instruments Corporation: *See*—
Seth Thomas Clock Company.

Georg Schicht A. G., Aussig, to Severoceske Tukove Zavody (Drive Jiri Schicht) Narodni Podnik, Usti nad Labem, Czechoslovakia. Margarine consisting of pure coconut fat. 247,094, renewed Sept. 18, 1948. O. G. Sept. 21. Class 46.

Gettysburg Canning Company, The: *See*—
Jones, John C.

Gialimo, Thomas C., doing business as Vanisorb Laboratories, Hoboken, N. J. Base material for pharmaceutical and cosmetic creams. 415,684, Aug. 14, 1945. Republished Sept. 21. Class 6.

Gidding, L., & Co.: *See*—
Gidding, L., & Co. Inc.

Gidding, L., & Co. Inc., New York, N. Y., by L. Gidding & Co., Bound Brook, N. J. Infants' and children's dresses and frocks. 309,571, Jan. 23, 1934. Republished Sept. 21. Class 39.

Gilbert, A. C., Company, The, New Haven, Conn. Electric vibrators and electric hair dryers. 246,624, renewed Sept. 11, 1948. O. G. Sept. 21. Class 44.

Gilbert Paper Company, Menasha, Wis. Bond paper. 502,431, Sept. 21; Serial No. 528,918. Class 37.

Gillis, Geo., Shoe Corp., Fitchburg, Mass. Athletic shoes. 502,323, Sept. 21; Serial No. 530,187, published June 1, 1948. Class 39.

Givren, E. J., Shoe Co., Inc., Rockland, Mass. Shoes. 502,290, Sept. 21; Serial No. 528,270, published Apr. 27, 1948. Class 39.

Glascote Company, The, Euclid, Ohio, to Glascote Products, Inc., Cleveland, Ohio. Enameled tanks. 243,975, renewed July 3, 1948. O. G. Sept. 21. Class 2.

Glascote Products, Inc.: *See*—
Glascote Company, The.

Glenmore Distilleries Co.: *See*—
Thompson, James, & Bro.

Globe-Union Inc., Milwaukee, Wis. Electrical and electronic apparatus. 502,313, Sept. 21; Serial No. 529,635, published June 15, 1948. Class 21.

Godfrey, Charles L., Jackson Heights, L. I., N. Y. Tennis rackets. 440,752, Sept. 21; Serial No. 512,665. Class 22.

Goodman Manufacturing Company, Chicago, Ill. Electric power shovels and mucking machines. 502,270, Sept. 21; Serial No. 527,347, published June 22, 1948. Class 23.

Goodrich, B. F., Company, The: *See*—
Hood Rubber Company.

Gordon-Lacey Chemical Products Company, Inc., Maspeth, N. Y. Fabrics of cotton, linen, and synthetic fibres. 440,714, Sept. 21; Serial No. 515,499, published June 8, 1948. Class 42.

Gorton, Thomas S., Jr., doing business as Slade Gorton Company, Chicago, Ill. Frozen fish, smoked, and frozen shrimp. 440,710, Sept. 21; Serial No. 514,273, published Mar. 2, 1948. Class 46.

Government of the Dominion of New Zealand, The: *See*—
New Zealand Dairy-Products Control Board.

Graybar Electric Company, Inc., New York, N. Y. Deaf sets. 246,672–5, renewed Sept. 11, 1948. O. G. Sept. 21. Class 44.

Great American Tea Company, The, New York, N. Y. Spices. 502,292, Sept. 21; Serial No. 528,468, published June 15, 1948. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Butter, bacon, dressed poultry, peas, etc. 502,299, Sept. 21; Serial No. 528,862, published June 8, 1948. Class 46.

Greencastle Packing Company, The: *See*—
Hemingway, H. F., & Co.

Greencastle Packing Company, The, Greencastle, Pa. Canned fruits, canned vegetables, apple sauce. 343,716, Mar. 2, 1937. Republished Sept. 21. Class 46.

Greene, Tweed & Co., New York, N. Y. Belt couplings. 51,556, Apr. 17, 1906. Republished Sept. 21. Class 13.

Greene, Tweed & Co., New York, N. Y. Packings for wearing and bearing parts of machinery and mechanical devices. 197,614, Apr. 21, 1925. Republished Sept. 21. Class 35.

Greene, Tweed & Co., New York, N. Y. Packing for stuffing boxes. 253,531–2, Feb. 26, 1929. Republished Sept. 21. Class 35.

Greene, Tweed & Co., New York, N. Y. Packing for wearing and bearing parts of machinery. 315,529, July 31, 1934. Republished Sept. 21. Class 35.

Gretsch, Fred., The, Mfg. Co., New York, N. Y. Violin strings, accordions, concertinas, etc. 104,146, May 4, 1915. Republished Sept. 21. Class 36.

Gretsch, Fred., The, Mfg. Co., Brooklyn, N. Y. Musical instruments. 187,744, Aug. 12, 1924. Republished Sept. 21. Class 36.

Gretsch, Fred., The, Mfg. Co., Brooklyn, N. Y. Cymbals. 245,846, Aug. 21, 1928. Republished Sept. 21. Class 36.

Gretsch, Fred., The, Mfg. Co., Brooklyn, N. Y. Drums, cornets, trumpets, etc. 328,377, Sept. 24, 1935. Republished Sept. 21. Class 36.

Grizzly Bear Brand Products Company: *See*—
Turner, John H.

Grover, J. J., Shoe Co., Inc.: *See*—
Ault-Williamson Shoe Co.

Gruendler Crusher and Pulverizer Co.: *See*—
Gruendler Patent Crushers and Pulverizer Company.

Gruendler Patent Crushers and Pulverizer Company, by Gruendler Crusher and Pulverizer Co., St. Louis, Mo. Crushers, shredders, breakers, etc. 240,680, Apr. 3, 1928. Republished Sept. 21. Class 23.

Gumz, Arthur P., North Judson, Ind. Potatoes and onions. 440,724, Sept. 21; Serial No. 518,799, published June 8, 1948. Class 46.

Haco Gesellschaft A. G., Bern, Switzerland. Malt extract. 196,636, renewed Mar. 24, 1945. O. G. Sept. 21. Class 48.

Hahn Department Stores, Inc., Wilmington, Del., by Allied Stores Corporation, New York, N. Y. Hosiery. 285,388, July 28, 1931. Republished Sept. 21. Class 39.

Hahn Department Stores, Inc., Wilmington, Del., and New York, by Allied Stores Corporation, New York, N. Y. Hosiery. 289,722, Dec. 1, 1931. Republished Sept. 21. Class 39.

Hahn Department Stores, Inc., Wilmington, Del., to Allied Stores Corporation, New York, N. Y. Women's hand bags. 291,151, Feb. 2, 1932. Republished Sept. 21. Class 3.

Hahn Department Stores, Inc., Wilmington, Del., by Allied Stores Corporation, New York, N. Y. Women's ready-to-wear and accessories. 294,039, May 17, 1932. Republished Sept. 21. Class 39.

Happy Mills: *See*—
Edgar-Morgan Company.

Happy Mills, Memphis, Tenn. Mixed feeds. 406,455, Apr. 4, 1944. Republished Sept. 21. Class 46.

Hardy, James G., & Co., Inc., New York, N. Y. Sheets and pillow cases. 502,396, Sept. 21; Serial No. 537,585, published May 25, 1948. Class 42.

Harlingen Canning Company, Harlingen, Tex. Canned vegetables, canned sauerkraut, and canned fruit juices for food purposes. 353,405, Jan. 4, 1938. Republished Sept. 21. Class 46.

Harman Equipment Co.: *See*—
Harman, Vivian M.

Harman, Vivian M., doing business as Harman Equipment Co., assignor to Harman Equipment Co., Los Angeles, Calif. Non-measuring gasoline pumping apparatus. 440,750, Sept. 21; Serial No. 491,092. Class 23.

Harmonica Reed Corporation, Philadelphia, Pa. Harmonicas. 52,381, Sept. 21; Serial No. 534,530, published June 29, 1948. Class 36.

Harrower Laboratory, Inc., The, Wilmington, Del., and Glendale, Calif., to The Harrower Laboratory, Inc., Glendale, Calif. Solution. 242,870, renewed June 5, 1948. O. G. Sept. 21. Class 6.

Haviland Laboratories, Inc., New York, N. Y. Perfumes, toilet water, bath oil, etc. 502,380, Sept. 21; Serial No. 534,437, published June 15, 1948. Class 6.

Hawkinson, Paul E., Company, Minneapolis, Minn. Tire treads. 502,432, Sept. 21; Serial No. 531,036. Class 35.

Heddon's, James, Sons, Dowagiac, Mich. Fish lures. 502,377–8, Sept. 21; Serial Nos. 534,130–1, published May 11, 1948. Class 22.

Heide, Henry, Incorporated, New York, N. Y. Candies of all kinds; candied nut products. 243,976, renewed July 3, 1948. O. G. Sept. 21. Class 46.

Heil Co., The, Milwaukee, Wis. Conversion oil burners. 502,398, Sept. 21; Serial No. 537,765, published June 8, 1948. Class 34.

Heinz and Munschauer, Cleveland, Ohio. Tractors. 502,409, Sept. 21; Serial No. 545,323, published June 22, 1948. Class 23.

Helmer, George H., doing business as Badger Gas Products, by Grace Helmer, executrix of the estate of George H. Helmer, Platteville, Wis. Liquefied petroleum gas. 391,719, Nov. 18, 1941. Republished Sept. 21. Class 6.

Helmer, Grace, executrix of the estate of George H. Helmer: *See*—
Helmer, George H.

Hemingway, H. F., & Co., Baltimore, Md., by Greencastle Packing Company, The, Greencastle, Pa. Canned fruits and vegetables. 65,051, Sept. 3, 1907. Republished Sept. 21. Class 46.

Higbee, Florence J., Milwaukee, Wis. Furniture edge covering. 440,736, Sept. 21; Serial No. 524,461, published May 18, 1948. Class 32.

Higginbotham, Tol S., III, Dallas, Tex. Kitchenware and tableware. 440,683, Sept. 21; Serial No. 493,773, published June 15, 1948. Class 23.

Hills, Reuben B.: *See*—
Puro Sanitary Drinking Fountain Co.

Hobbygas Company, The: *See*—
Christie, James V.

Hoffman, E. A., Candy Co. Inc., Los Angeles, Calif. Candy. 230,495, July 26, 1927. Republished Sept. 21. Class 46.

Holeproof Hosiery Co.: *See*—
Luxite Silk Products Co.

Hollingsworth & Whitney Company: *See*—
Whitaker Paper Company, The.

Hollingsworth & Whitney Company, Boston, Mass. Writing and wrapping paper. 72,536, Feb. 2, 1909. Republished Sept. 21. Class 37.

Hollingsworth & Whitney Company, Boston, Mass. Writing and wrapping paper. 80,123, Nov. 8, 1910. Republished Sept. 21. Class 37.

Holman, Maurice, Inc., Los Angeles, Calif. Sweaters. 502,359, Sept. 21; Serial No. 532,852, published June 8, 1948. Class 39.

Holmes, Stickney, Inc.: *See*—
Holmes, Stickney & Walker, Inc.

Holmes, Stickney & Walker, Inc., by Holmes Stickney, Inc., Portland, Maine. Shoes. 383,005, Nov. 19, 1940. Republished Sept. 21. Class 39.

Hood Rubber Company, Watertown, Mass., to The B. F. Goodrich Company, Akron, Ohio. Rubber heels. 245,173, renewed Aug. 7, 1948. O. G. Sept. 21. Class 39.

Hoover Company, The, North Canton, Ohio. Electric irons. 502,428, Sept. 21; Serial No. 527,228. Class 21.

Horst, E. Clemens, Co., San Francisco, Calif. Malt syrup. 502,274, Sept. 21; Serial No. 527,459, published June 15, 1948. Class 46.

Houbigant, Inc.: *See*—
Cheramy, Inc.

Houbigant, Inc., New York, N. Y. Face powder, talcum powder, bath salts, etc. 289,043, Nov. 17, 1931. Republished Sept. 21. Class 6.

Houbigant, Inc., New York, N. Y. Perfumes, toilet water, face powder, etc. 291,457, Feb. 9, 1932. Republished Sept. 21. Class 6.

Houbigant, Inc., New York, N. Y. Perfumes, toilet water, face powder, etc. 295,771, July 12, 1932. Republished Sept. 21. Class 6.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 309,266, Jan. 9, 1934. Republished Sept. 21. Class 6.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, skin lotion, etc. 380,428, Aug. 20, 1940. Republished Sept. 21. Class 6.

Houbigant, Inc., New York, N. Y. Perfume extract and toilet water, rouge, lotion solid brilliantine, etc. 382,427, Oct. 29, 1940. Republished Sept. 21. Class 6.

House Beautiful Curtains, Inc., New York, N. Y. Window curtains. 502,383, Sept. 21; Serial No. 535,706, published May 25, 1948. Class 42.

Howard Paper Mills, Inc., Dayton, Ohio. Paper. 502,319, Sept. 21; Serial No. 529,992, published June 22, 1948. Class 37.

Howard Radio Co., Chicago, Ill. Radio receiving sets and radio phonographs. 502,260, Sept. 21; Serial No. 526,508, published June 22, 1948. Class 21.

Hudson Hosiery Company, Charlotte, N. C. Hosiery. 502,365, Sept. 21; Serial No. 533,025, published June 8, 1948. Class 39.

Hume, G. W., Company, San Francisco, Calif. Canned fish, canned fruit, canned vegetables. 157,686, Aug. 15, 1922. Republished Sept. 21. Class 46.

Hume, G. W., Company, San Francisco, Calif. Canned fruits. 204,707, Oct. 20, 1925. Republished Sept. 21. Class 46.

Hume, G. W., Company, San Francisco, Calif. Canned fruit. 219,828, Oct. 26, 1926. Republished Sept. 21. Class 46.

Hunter Milling Company, The: *See*—
Monarch Milling Co., The.

Independent Paper Mills, Inc., Plattsburg and New York, N. Y., to The Diamond Match Company, New York, N. Y. Paper napkins. 245,176, renewed Aug. 7, 1948. O. G. Sept. 21. Class 37.

Industrial Rayon Corporation, Cleveland, Ohio. Rayon piece goods. 502,410–11, Sept. 21; Serial Nos. 546,259–260, published June 1, 1948. Class 42.

Insulite Company, The, by Minnesota and Ontario Paper Company, Minneapolis, Minn. Elastic pliable and flexible adhesive. 378,782, June 18, 1940. Republished Sept. 21. Class 5.

Insulite Company, The, by Minnesota and Ontario Paper Company, Minneapolis, Minn. Fiber board. 387,134, May 6, 1941. Republished Sept. 21. Class 12.

Interchemical Corporation, New York, N. Y. Flatting agents. 440,719, Sept. 21; Serial No. 516,899, published May 25, 1948. Class 16.

Interstate Shade Cloth Company, Hoboken, N. Y. Window shade cloth. 502,374, Sept. 21; Serial No. 533,966, published May 25, 1948. Class 42.

J & J Cash, Inc., South Norwalk, Conn. Woven labels of cotton and silk. 246,025, renewed Aug. 28, 1948. O. G. Sept. 21. Class 38.

Jablow, I., & Co., Inc.: *See*—
Rosenbaum Company, The.

Jackson & Church Company, Saginaw, Mich. Motor driven, screw-type, extrusion pulp presses. 502,206, Sept. 21; Serial No. 528,798, published June 22, 1948. Class 23.

Jacobs Bros., Co., Inc., The, Brooklyn, N. Y. Clothes hamper. 502,255, Sept. 21; Serial No. 520,783, published June 29, 1948. Class 2.

James Towne Colliony Pottery, Williamsburg, Va. Pottery. 440,709, Sept. 21; Serial No. 513,427, published June 15, 1948. Class 30.

Jeddo-Highland Coal Company, Jeddo, Pa. Coal. 250,260, renewed Dec. 4, 1948. O. G. Sept. 21. Class 1.

Jensen Manufacturing Company: *See*—
Jensen Radio Manufacturing Company.

Jensen Radio Manufacturing Company, by Jensen Manufacturing Company, Chicago, Ill. Radio loud speakers. 288,872, Nov. 10, 1931. Republished Sept. 21. Class 21.

Jensen Radio Manufacturing Company, by Jensen Manufacturing Company, Chicago, Ill. Loud speakers. 394,905–6, May 5, 1942. Republished Sept. 21. Class 21.

Johnson, Dorothy E., Detroit, Mich., by Morton Manufacturing Corporation, Lynchburg, Va. Skin creams and skin lotions. 273,217, July 22, 1930. Republished Sept. 21. Class 6.

Jones, John C., doing business as The Gettysburg Canning Company, Gettysburg, Ohio. Canned tomatoes. 502,424, Sept. 21; Serial No. 520,710. Class 46.

Kähler, Herman A., Akts., Naestved, Denmark. Porcelain, china and earthenware articles. 440,686, Sept. 21; Serial No. 500,665, published June 15, 1948. Class 30.

Kaustine Company, Inc., by Master Metal Products, Inc., Buffalo, N. Y. Garbage cans. 193,312, Dec. 23, 1924. Republished Sept. 21. Class 2.

Kelly-Springfield Tire Company, The, Cumberland, Md. Tires and inner tubes therefor. 502,355, Sept. 21; Serial No. 532,608, published June 8, 1948. Class 35.

Kelly-Springfield Tire Company, The, Cumberland, Md. Tires and inner tubes therefor and for rubber repair patches. 502,356, Sept. 21; Serial No. 532,609, published June 8, 1948. Class 35.

Kemper Fabrics Co., Inc., New York, N. Y. Textile fabrics in the piece. 502,372, Sept. 21; Serial No. 533,901, published May 25, 1948. Class 42.

Kendall Company, The, Walpole, Mass. Window curtains. 440,753, Sept. 21; Serial No. 518,155. Class 42.

Kent Foundry Company, Bloomfield, N. J. Aluminum kitchen ware. 440,684, Sept. 21; Serial No. 496,086, published June 29, 1948. Class 13.

Kiddie Seat Corporation, New York, N. Y. Children's toilet seats and children's training deflectors. 440,701–2, Sept. 21; Serial Nos. 510,703–4, published June 15, 1948. Class 13.

Kimball, C. M., Co., Boston, Mass. Furniture polish. 203,402–3, Sept. 15, 1925. Republished Sept. 21. Class 16.

Kinkead Industries Incorporated, Chicago, Ill. Metal and plastic bindings, binder bars, caps and edgings. 502,231, Sept. 21; Serial No. 506,245, published June 29, 1948. Class 13.

Kirkhill Rubber Co., Los Angeles, Calif. Rubber washers for faucets. 282,191, Apr. 14, 1931. Republished Sept. 21. Class 35.

Kittiess, Jason J., Los Angeles, Calif., by Chlorine Solutions, Inc., Los Angeles, Calif. Bleaching fluid. 205,846, Nov. 17, 1925. Republished Sept. 21. Class 6.

Knapp-Sherriff-Koelle, Donna, Tex. Fresh citrus fruit. 502,347, Sept. 21; Serial No. 531,683, published June 8, 1948. Class 46.

Knickerbocker Mills Co., New York, N. Y. Spices, paprika, tea, coffee, etc. 263,371, Nov. 5, 1929. Republished Sept. 21. Class 46.

Knickerbocker Mills Co., New York, N. Y. Canned fish, canned vegetables, canned fruits, etc. 353,807, Jan. 18, 1938. Republished Sept. 21. Class 46.

Knothe Brothers Co. Inc., New York, N. Y. Pajamas. 502,302, Sept. 21; Serial No. 529,166, published June 1, 1948. Class 39.

Knothe Brothers Co. Inc., New York, N. Y. Men's, women's, boys' and girls' pajamas, robes, shorts, etc. 502,303, Sept. 21; Serial No. 529,167, published June 1, 1948. Class 39.

Knothe Brothers Co. Inc., New York, N. Y. Men's, women's, boys' and girls' pajamas, robes, shorts, etc. 502,304, Sept. 21; Serial No. 529,174, published June 1, 1948. Class 39.

Knox Stove Works, Knoxville, Tenn. Oil, coal and wood burning heating stoves. 502,251, Sept. 21; Serial No. 518,535, published June 8, 1948. Class 34.

Knox Stove Works, Knoxville, Tenn. Coal, wood, oil, and gas, and combinations thereof, ranges and cooking stoves. 502,252, Sept. 21; Serial No. 518,536, published June 8, 1948. Class 34.

Kohler & Campbell, Inc., New York, N. Y. Pianos. 502,389–91, Sept. 21; Serial Nos. 536,699–701, published June 29, 1948. Class 36.

Kotkes, W., & Son, New York, N. Y. Women's and misses' dresses, smocks, and hoover aprons, etc. 296,139, July 26, 1932. Republished Sept. 21. Class 39.

Kotkes, W., & Son, New York, N. Y. Maids' and nurses' utility uniforms. 336,103, June 23, 1936. Republished Sept. 21. Class 39.

Kratt, Wm., Co., Union, N. J. Harmonicas. 502,392, Sept. 21; Serial No. 536,824, published June 29, 1948. Class 36.

La Crosse Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 168,262, May 15, 1923. Republished Sept. 21. Class 39.

La Crosse Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 170,087, July 10, 1923. Republished Sept. 21. Class 39.

Ladd Lime and Stone Company, Cartersville, Ga. Masons' hydrated lime, lump lime, and pulverized quicklime. 364,702, Feb. 14, 1939. Republished Sept. 21. Class 12.

Ladd Lime & Stone Co., Cartersville, Ga. Masonry mortar. 367,817, May 30, 1939. Republished Sept. 21. Class 12.

Lang Brothers, Limited, Glasgow, Scotland. Whiskey. 307,371, Oct. 24, 1933. Republished Sept. 21. Class 49.

Lang Brothers, Limited, Glasgow, Scotland. Whiskey. 308,126, Nov. 21, 1933. Republished Sept. 21. Class 49.

Lang Brothers, Limited, Glasgow, Scotland. Whiskey. 309,162, Jan. 2, 1934. Republished Sept. 21. Class 49.

Lang Brothers, Limited, Glasgow, Scotland. Whiskey. 311,557, Mar. 27, 1934. Republished Sept. 21. Class 49.

Lang Brothers, Limited, Glasgow, Scotland. Whiskey. 351,382, Oct. 26, 1937. Republished Sept. 21. Class 49.

Lang & Co.: *See*—
Schwabacher Bros. & Co. Inc.

Larabee Flour Mills Company, The, Kansas City, Mo., to Commander-Larabee Milling Company, Minneapolis, Minn. Wheat flour. 244,557, renewed July 24, 1948. O. G. Sept. 21. Class 46.

Larkin Co., to Larkin Co. Inc., Buffalo, N. Y. Soap powder. 71,384, re-renewed Nov. 24, 1948. O. G. Sept. 21. Class 4.

Larkin Co. Inc.: *See*—
Larkin Co.

Larsen Company, The, Green Bay, Wis. Canned mixed vegetables and fresh frozen mixed vegetables. 502,367, Sept. 21; Serial No. 533,323, published June 8, 1948. Class 46.

Lelong, Lucien, Inc., Chicago, Ill. Lipsticks. 502,405, Sept. 21; Serial No. 540,294, published June 8, 1948. Class 6.

Leterstone Sales Company, Chicago, Ill. Ball and tapered roller bearings. 502,305, Sept. 21; Serial No. 529,179, published June 22, 1948. Class 23.

Levings, Sherburne D., Winnetka, Ill. Coffee urns, brewers, percolators, etc. 440,712, Sept. 21; Serial No. 515,230, published June 29, 1948. Class 13.

Liebovitz, S., & Sons, Inc., by Trubenizing Process Corporation, New York, N. Y. Dress and negligee shirts and collars. 310,927, Mar. 13, 1934. Republished Sept. 21. Class 39.

Lilly, Eli, and Company: *See*—
Lilly, Eli & Company, The.

Lilly, Eli, & Company, The, now by change of name Eli Lilly & Company, to Eli Lilly and Company, Indianapolis, Ind. Liquid medicinal preparation. 174,144, renewed Jan. 5, 1948. O. G. Sept. 21. Class 6.

Lindsay Ripe Olive Company, Lindsay, Calif. Canned olives. 260,234, Aug. 20, 1929. Republished Sept. 21. Class 46.

Lindsay Ripe Olive Company, Lindsay, Calif. Canned olives. 337,595, Aug. 11, 1936. Republished Sept. 21. Class 46.

Lindsay Ripe Olive Company, Lindsay, Calif. Scalp and skin lotion. 337,819, Aug. 18, 1936. Republished Sept. 21. Class 6.

Lindsay Ripe Olive Company, Lindsay, Calif. Scalp and skin lotion. 339,090, Sept. 22, 1936. Republished Sept. 21. Class 6.

Lindsay Ripe Olive Company, Lindsay, Calif. Scalp and skin lotion. 342,308, Jan. 12, 1937. Republished Sept. 21. Class 6.

Lindsay, Robert C.: *See*—
Becker's Drug Store.

Lionel Trading Co. Inc., to Parfums Corday, Inc., New York, N. Y. Perfumes. 225,387, renewed Mar. 15, 1947. O. G. Sept. 21. Class 6.

Littlejohn, R. J., and Son: *See*—
Littlejohn, Robert J.

Littlejohn, Robert J., doing business as R. J. Littlejohn and Son, Greenville, S. C. Traveling stool attached to a barber chair for movement about same. 502,368, Sept. 21; Serial No. 533,329, published June 8, 1948. Class 32.

Lockport Cotton Batting Co., Lockport, N. Y. Fire-proofed cotton sheet insulation material. 401,062, Apr. 20, 1943. Republished Sept. 21. Class 12.

Lockwood, Charles N., to L. A. Lockwood, Chicago, Ill. Canned cooked food. 244,453, renewed July 17, 1948. O. G. Sept. 21. Class 46.

Lockwood, Lawrence A.: *See*—
Lockwood, Charles N.

Loft Candy Corporation: *See*—
Mirror, The.
U. R. S. Candy Stores, Inc.

Lorillard, P., Company, New York, N. Y. Cigarettes and chewing tobacco. 502,393, Sept. 21; Serial No. 536,925, published June 29, 1948. Class 17.

Loudonville Milling Company, The, Loudonville, Ohio, assignor to Standard Milling Company, Chicago, Ill. Wheat flour. 502,357, Sept. 21; Serial No. 532,720, published June 8, 1948. Class 46.

Louisville Plate Glass Company, The, Louisville, Ky. Mirrors. 502,326, Sept. 21; Serial No. 530,533, published June 22, 1948. Class 32.

Louisville Wall Paper Co. Inc., Louisville, Ky. Wall paper. 345,093, Apr. 13, 1937. Republished Sept. 21. Class 37.

Lowe, Joe, Corporation, New York, N. Y. Stabilizer for ice creams, sherbets, water ices, frozen confections, and the like. 502,363, Sept. 21; Serial No. 532,945, published June 8, 1948. Class 46.

Lunkenheimer Company, The, Cincinnati, Ohio. Lubricators. 440,748–4, Sept. 21; Serial Nos. 525,892–3, published June 1, 1948. Class 23.

Luxite Silk Products Co., by Holeproof Hosiery Co., Milwaukee, Wis. Underwear and foundation garments for women. 303,798, June 6, 1933. Republished Sept. 21. Class 39.

M. F. G. Watch Band Company, Inc., New York, N. Y. Wrist watch bands and bracelets. 502,350, Sept. 21; Serial No. 532,038, published June 8, 1948. Class 28.

Mack Manufacturing Corporation, New York, N. Y. Automobile transmission gears. 440,679, Sept. 21; Serial No. 488,912, published May 25, 1948. Class 23.

Mackintosh-Hemphill Company, Pittsburgh, Pa. Finished cast rolls of ferrous metal. 440,689, Sept. 21; Serial No. 501,257, published June 1, 1948. Class 23.

Maimon, J., & Sons Inc., Philadelphia, Pa. Wearing apparel. 396,992, Aug. 11, 1942. Republished Sept. 21. Class 39.

Mallard, A. E., Laboratories, Inc.: *See*—
Mallard, Albert E.

Mallard, Albert E., to A. E. Mallard Laboratories, Inc., Detroit, Mich. Tablets and capsules. 244,136, renewed July 10, 1948. O. G. Sept. 21. Class 6.

Malone, Sarah B., Akron, Ohio. General healing salve or ointment. 240,411, renewed Mar. 27, 1948. O. G. Sept. 21. Class 6.

Malted Cereals Co., The, by Maltex Company, Burlington, Vt. Flour, bread, biscuit. 35,590, Dec. 18, 1900. Republished Sept. 21. Class 46.

Maltex Company: *See*—
Malted Cereals Co., The.

Mandee Fabrics, Inc., New York, N. Y. Textile fabrics in the piece. 502,342, Sept. 21; Serial No. 531,343, published May 25, 1948. Class 42.

Manischewitz, B., Company, The, Jersey City, N. J., and Cincinnati, Ohio. Matzos. 440,682, Sept. 21; Serial No. 492,327, published June 15, 1948. Class 46.

Marsh, June F., doing business as June Forshaw, Los Angeles, Calif. Cookies. 440,727, Sept. 21; Serial No. 520,753, published June 15, 1948. Class 46.

Martin Dyeing & Finishing Company, Bridgeton, N. J. Water resistant cotton duck in the piece. 346,783, June 8, 1937. Republished Sept. 21. Class 42.

Martin Dyeing & Finishing Company, Bridgeton, N. J. Water repellent and mildew resistant canvas duck. 364,107, Jan. 17, 1939. Republished Sept. 21. Class 42.

Massachusetts Canning Corporation: *See*—
Crowther, Wm. T., & Son, Inc.

Massasoit Beverage Co., Inc., Springfield, Mass., assignor to Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Non-alcoholic beverages. 332,164, Feb. 4, 1936. Republished Sept. 21. Class 45.

Master Metal Products, Inc.: *See*—
Kaustine Company, Inc.

Master Metal Products Inc., Buffalo, N. Y. Garbage and waste cans. 214,562, June 29, 1926. Republished Sept. 21. Class 2.

Master Metal Products Inc., Buffalo, N. Y. Covered cans, etc. 284,752, July 7, 1931. Republished Sept. 21. Class 2.

Master Metal Products Inc., Buffalo, N. Y. Utility chests. 298,571, Nov. 1, 1932. Republished Sept. 21. Class 2.

Maury-Cole Company, to Canova Foods, Incorporated, Memphis, Tenn. Vinegar. 238,953, renewed Feb. 14, 1948. O. G. Sept. 21. Class 46.

Maxcy, L., Inc.: *See*—
Florida Fruit Canners, Inc.
Massasoit Beverage Co., Inc.
Maxcy, Latimer.

Maxcy, L., Inc., Frostproof, Fla. Fresh citrus fruits. 239,871, Mar. 13, 1928. Republished Sept. 21. Class 46.

Maxcy, L., Inc., Frostproof, Fla. Fresh and canned citrus fruits. 256,439, May 14, 1929. Republished Sept. 21. Class 46.

Maxcy, L., Inc., Frostproof, Fla. Fresh and canned citrus fruits. 258,441–2, July 9, 1929. Republished Sept. 21. Class 46.

Maxcy, L., Inc., Frostproof, Fla. Fresh citrus fruits. 278,770, Dec. 30, 1930. Republished Sept. 21. Class 46.

Maxcy, L., Inc., Frostproof, Fla. Fresh and canned citrus fruits. 384,828, Feb. 4, 1941. Republished Sept. 21. Class 46.

Maxcy, Latimer, by L. Maxcy Inc., Frostproof, Fla. Citrus fruit. 204,655, Oct. 20, 1925. Republished Sept. 21. Class 46.

McCormick & Co., by McCormick & Co., Incorporated, Baltimore, Md. Flavoring extracts. 65,086, Sept. 3, 1907. Republished Sept. 21. Class 46.

McCormick & Co., Incorporated: *See*—
McCormick & Co.

McKesson & Robbins, Incorporated, Bridgeport, Conn., to McKesson & Robbins, Incorporated, New York, N. Y. Magnesium hydroxide. 243,911, renewed July 3, 1948. O. G. Sept. 21. Class 6.

McKesson & Robbins, Incorporated, Bridgeport, Conn., to Bristol-Myers Company, New York, N. Y. Eye wash. 243,912, renewed July 3, 1948. O. G. Sept. 21. Class 6.

Mead Johnson & Company, Evansville, Ind. Specially prepared food product. 502,247, Sept. 21; Serial No. 516,935, published June 15, 1948. Class 46.

Mead Johnson & Company, Evansville, Ind. Food preparation. 502,254, Sept. 21; Serial No. 520,639, published June 15, 1948. Class 46.

Medalist Co., Inc., Passaic, N. J. Cigars, little cigars, and cheroots. 502,327, Sept. 21; Serial No. 530,665, published June 29, 1948. Class 17.

Mefferd Machine and Mfg. Company: *See*—
Mefferd, Paul S.

Mefferd, Paul S., doing business as Mefferd Machine and Mfg. Company, Laurens, Iowa. Hydraulic wagon and trailer hoists, hydraulic wagon jacks, hydraulic sweep rakes and stackers, etc. 440,725, Sept. 21; Serial No. 519,477, published June 22, 1948. Class 23.

Meier & Frank Co.: *See*—
Meier & Frank Co. Inc.

Meier & Frank Co. Inc., doing business as Meier & Frank Co., Portland, Oreg. Boys' suits. 502,345, Sept. 21; Serial No. 531,496, published May 25, 1948. Class 39.

Mennen Company, The, Newark, N. J. Shaving cream. 253,177, Feb. 19, 1929. Republished Sept. 21. Class 4.

Mennen Company, The, Newark, N. J. Toilet and talcum powders, antiseptic powder, liquid skin lotion, etc. 358,165, June 28, 1938. Republished Sept. 21. Class 6.

Mennen Company, The, Newark, N. J. Medicated powder. 368,070, June 6, 1939. Republished Sept. 21. Class 6.

Merchants Service Corp., by P. M. Cooter, doing business as The Cooter Company, Chicago, Ill. Canned food for dogs and cats and other animals. 328,745, Oct. 1, 1935. Republished Sept. 21. Class 46.

Merchants Service Corporation, assignor to Recorg Supply Corporation, by P. M. Cooter, doing business as The Cooter Company, Chicago, Ill. Canned fruits, dried fruits, canned vegetables, etc. 359,659, Aug. 30, 1938. Republished Sept. 21. Class 46.

Micallef, A., & Company, by A. Micallef & Company, (1946), Providence, R. I. Jewelry. 327,332, Aug. 20, 1935. Republished Sept. 21. Class 28.

Micallef, A., & Company, (1946): *See*—
Micallef, A., & Company.

Miller, I., & Sons, Inc., Long Island City, N. Y. Women's and misses' gloves of leather, fabric, and/or combinations thereof. 249,618, renewed Nov. 20, 1948. O. G. Sept. 21. Class 39.

Miller Protecto Products Co., Kalamazoo, Mich. Bottled liquid. 502,353, Sept. 21; Serial No. 532,322, published June 8, 1948. Class 6.

Mills, Morton E., doing business as The Booker T. Washington Jewelry Company, Brooklyn, N. Y. Costume jewelry and bracelets. 502,311, Sept. 21; Serial No. 529,482, published June 8, 1948. Class 28.

Minerva Corporation of America, New York, N. Y. Combined camera and portable radio receiving set. 440,703, Sept. 21; Serial No. 510,968, published June 15, 1948. Class 21.

Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Plows, plow shares, and plow parts. 502,291, Sept. 21; Serial No. 528,355, published June 1, 1948. Class 23.

Minnesota and Ontario Paper Company: *See*—
Insulite Company, The.
National Pole and Treating Company.

Mirror, The, New York, to Loft Candy Corporation, Long Island City, N. Y. Candies, bonbons, pastry, cakes, etc. 247,620, renewed Oct. 2, 1948. O. G. Sept. 21. Class 46.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Footwear. 502,314, Sept. 21; Serial No. 529,673, published June 8, 1948. Class 39.

Monarch Milling Co., The, Hutchinson, by The Hunter Milling Company, Wellington, Kans. Wheat flour. 109,615–16, Apr. 11, 1916. Republished Sept. 21. Class 46.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants for petroleum products. 502,258, Sept. 21; Serial No. 523,974, published June 15, 1948. Class 6.

Moore, John Hudson, Inc., New York, N. Y. Cigars and smoking and chewing tobacco. 502,239, Sept. 21; Serial No. 512,077, published June 29, 1948. Class 17.

Moore, Lucas E., Stave Co., of Ga., Mobile, Ga. Wooden barrels, and staves, headings, etc. 440,718, Sept. 21; Serial No. 516,860, published Nov. 4, 1947. Class 2.

Morse and Skinner, Lodi, Calif. Fresh fruits. 397,088, Aug. 18, 1942. Republished Sept. 21. Class 46.

Morton Manufacturing Corporation: *See*—
Johnson, Dorothy E.

Motor Registration News of California, Oakland, Calif. Periodical. 243,081, renewed June 12, 1948. O. G. Sept. 21. Class 38.

Moto-Sway Corporation of America, Chicago, Ill. Rocking devices for automobiles. 321,389, Jan. 29, 1935. Republished Sept. 21. Class 23.

Mülhens, Paul P., doing business as Eau De Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der pferdepost von Ferd, Mülhens, Cologne-on-the-Rhine, Germany; vested in the Attorney General of the United States, Washington, D. C. Lavender water. 239,158, renewed Feb. 21, 1948. O. G. Sept. 21. Class 6.

Multigraph Company, Wilmington, Del., and Cleveland, by Addressograph-Multigraph Corporation, Cleveland, Ohio. Materials for preserving the blankets of printing. 299,131, Nov. 22, 1932. Republished Sept. 21. Class 6.

Myers-Williams, Inc., Cincinnati, Ohio. Interphone communication apparatus for aircraft. 502,360, Sept. 21; Serial No. 532,857, published June 8, 1948. Class 21.

N. V. A. Wulfing & Co.'s Chemische Producten: *See*—
Bauer & Co.

Naamlooze Vennootschap Maatschappij Voor Wasverwerking, Amsterdam, Netherlands. All kinds of boot polish. 157,720, Aug. 15, 1922. Corrected. O. G. Sept. 21. Class 4.

National Aluminate Corporation, Chicago, Ill. Electrical measuring devices. 338,821, Sept. 15, 1936. Republished Sept. 21. Class 26.

National Aluminate Corporation, Chicago, Ill. Base-exchanging minerals. 339,491, Oct. 13, 1936. Republished Sept. 21. Class 31.

National Carbon Company, Inc., New York, N. Y. Carbon and graphite pipes, tubes, fittings, etc. 440,741, Sept. 21; Serial No. 525,371, published June 15, 1948. Class 13.

National Manufacturing Corporation, Plainfield, Conn., and New York, N. Y. Metallic furniture. 440,695, Sept. 21; Serial No. 507,269, published June 22, 1948. Class 32.

National Pole and Treating Company, by Minnesota and Ontario Paper Company, Minneapolis, Minn. Treated cedar poles. 386,256, Apr. 1, 1941. Republished Sept. 21. Class 12.

National Screen Company, Inc., Suffolk, Va. Window screens. 432,109, Aug. 19, 1947. Republished Sept. 21. Class 12.

National-Standard Company, Niles, Mich. Electrical sound recording wire. 502,250, Sept. 21; Serial No 518,312, published June 15, 1948. Class 21.

National Steel Fabric Company, by Pittsburgh Steel Products Company, Pittsburgh, Pa. Reenforcement material for plaster and cement. 236,844, Dec. 27, 1927. Republished Sept. 21. Class 12.

National Stone Company, Kansas City, Mo. Sand, clay, and various grades of stone. 248,166, renewed Oct. 16, 1948. O. G. Sept. 21. Class 1.

National Wool Growers Association, The, Salt Lake City, Utah. Periodical. 243,654, renewed June 26, 1948. O. G. Sept. 21. Class 38.

Nazaroff, Alexander, New York, N. Y. Liniments for relieving the pains of muscular rheumatism. 251,069, renewed Dec. 25, 1948. O. G. Sept. 21. Class 6.

Nederlandsche N. V. Kunstzijdefabriek, to Algemeene Kunstzijde unie N. V., Arnhem, Netherlands. Thread and yarns of artificial silk, cotton, mercerized cotton, etc. 244,378, renewed July 17, 1948. O. G. Sept. 21. Class 43.

Nehi Corporation, Columbus, Ga. Monthly publication. 432,874, Sept. 16, 1947. Republished Sept. 21. Class 38.

Neil Products Inc., Los Angeles, Calif. Flavoring extracts for food purposes. 502,277, Sept. 21; Serial No. 527,638, published June 8, 1948. Class 46.

Neumann, Morton G., doing business as Valmor Products Co., Chicago, Ill., by Valmor Products Co. All the goods listed in the original registration. 349,940, Sept. 14, 1937. Republished Sept. 21. Class 6.

New England Fire Appliance Co., to American Fire Equipment Co., Boston, Mass. Fire-extinguishing devices and supplies. 225,331, renewed Mar. 15, 1947. O. G. Sept. 21. Class 23.

Newton, Carl D., doing business as The Fox Company, by The Fox Company, San Antonio, Tex. Photographic prints. 222,662, Jan. 4, 1927. Republished Sept. 21. Class 38.

Newton, Carl D., doing business as The Flying Film Co., by Flying Film Company, Inc., San Antonio, Tex. Photographic prints. 280,398, Feb. 17, 1931. Republished Sept. 21. Class 38.

New Zealand Dairy-Produce Control Board, to The Government of the Dominion of New Zealand, Wellington, New Zealand. Butter and cheese. 244,843, renewed July 31, 1948. O. G. Sept. 21. Class 46.

Nicholson File Company, Providence, R. I. Files and rasps. 249,815, renewed Nov. 20, 1948. O. G. Sept. 21. Class 23.

Noble & Stanton, Inc., Bedford, Ohio. Component parts of jigs and fixtures. 440,697, Sept. 21; Serial No. 509,236, published July 6, 1948. Class 23.

Norm Manufacturing Company: *See*—
Norman, Glenn A.

Norman, Glenn A., doing business as The Norm Manufacturing Company, Des Moines, Iowa. Drain flushing hose with faucet and drain attachments. 440,715, Sept. 21; Serial No. 516,209, published June 29, 1948. Class 13.

North Brothers Manufacturing Company, Philadelphia, Pa. Ice cream freezers. 432,694, Sept. 9, 1947. Republished Sept. 21. Class 31.

Northland Oil Company, The, to The Northland Oil Company, St. Paul, Minn. Motor-lubricating oil, gasoline, lubricating oil and greases. 223,223, renewed Jan. 18, 1947. O. G. Sept. 21. Class 15.

Northwestern States Portland Cement Company: *See*—
Northwestern States Portland Cement Co.

Northwestern States Portland Cement Co., to Northwestern States Portland Cement Company, Mason City, Iowa. Portland cement. 70,578, re-renewed Sept. 15, 1948. O. G. Sept. 21. Class 12.

Nourse Oil Company, Kansas City, Mo. Waterproofing and softening greases and oils. 260,981, Sept. 3, 1929. Republished Sept. 21. Class 4.

Nourse Oil Company, Kansas City, Mo. Motor-lubricating oils and greases. 279,339, Jan. 13, 1931. Republished Sept. 21. Class 15.

Oakes & Company, Chicago, Ill. Laundry washing machines, sad irons, clothes sprinklers, etc. 502,406, Sept. 21; Serial No. 540,559, published June 29, 1948. Class 24.

Office Specialties Co., to Office Specialties Co., Los Angeles, Calif. Ink pads, rubber-stamp ink, and numbering machine ink. 222,708, renewed Jan. 4, 1947. O. G. Sept. 21. Class 11.

Ohio Brass Company, The, Mansfield, Ohio. Electrical apparatus, machines, and supplies. 502,297, Sept. 21; Serial No. 528,813, published June 8, 1948. Class 21.

Okonite-Callender Cable Company, Incorporated, The, Paterson, N. J. Metal sheaths for electric cables. 502,322, Sept. 21; Serial No. 530,115, published June 22, 1948. Class 21.

Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. 502,331, Sept. 21; Serial No. 530,836, published May 25, 1948. Class 28.

Original Allegretti Inc.: *See*—
Candy Products Corporation.

Oxo, Limited, London, England. Prepared or preserved meats in tins or jars. 245,830, renewed Aug. 21, 1948. O. G. Sept. 21. Class 46.

Pacific Fruit Exchange, San Francisco, Calif. Fresh deciduous fruit. 263,406, Nov. 5, 1929. Republished Sept. 21. Class 46.

Pacific Gamble Robinson Company, Seattle, Wash. Coffee. 409,592, Oct. 10, 1944. Republished Sept. 21. Class 46.

Paramount Knitting Company, Chicago, by Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 66,340, Nov. 19, 1907. Republished Sept. 21. Class 39.

Paramount Knitting Company, Chicago, by Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 69,087, May 19, 1908. Republished Sept. 21. Class 39.

Parfumerie L. T. Piver: *See*—
Piver, L. T.

Parfums Corday, Inc.: *See*—
Lionel Trading Co. Inc.

Park Metalware Company, Inc., Orchard Park, N. Y. Screw drivers, socket and other open ended wrenches, and pliers. 502,227, Sept. 21; Serial No. 495,816, published June 1, 1948. Class 23.

Park Metalware Company, Inc., Orchard Park, N. Y. Tool kits. 502,229, Sept. 21; Serial No. 496,460, published June 22, 1948. Class 23.

Park & Tilford, New York, N. Y. Lipsticks. 502,351, Sept. 21; Serial No. 532,157, published June 8, 1948. Class 6.

Peacock, R. J., Canning Co.: *See*—
Seacoast Canning Company.

Peerless Carbon Black Company, The, Pittsburgh, Pa. Carbon black. 240,885, renewed Apr. 10, 1948. O. G. Sept. 21. Classes 1 and 6.

Penn Tobacco Company, Wilkes-Barre, Pa. Smoking tobacco. 502,404, Sept. 21; Serial No. 539,751, published June 29, 1948. Class 17.

Pennsylvania Refining Company, Butler, Pa. Motor oils. 241,471, May 1, 1928. Republished Sept. 21. Class 15.

Pennsylvania Refining Company, Butler, Pa. Deodorized kerosene. 348,947, Aug. 17, 1937. Republished Sept. 21. Class 15.

Pennsylvania Rubber Company, Jeannette, Pa. Pneumatic tires. 502,434, Sept. 21; Serial No. 532,055. Class 35.

Pennsylvania Salt Manufacturing Company: *See*—
General Laboratories.

Peper, Christian, Tobacco Company, St. Louis, Mo. Cigarettes and smoking tobacco. 432,256, Aug. 26, 1947. Republished Sept. 21. Class 17.

Pepperell Manufacturing Company, Boston, Mass. Sheets, pillowcases, and blankets. 502,318, Sept. 21; Serial No. 529,985, published Feb. 3, 1948. Class 42.

Peters, Milton C., Omaha, Nebr., by Allied Mills, Inc., Chicago, Ill. Stock food. 70,419, Aug. 25, 1908. Republished Sept. 21. Class 46.

Peterson Nut Company, The, Cleveland, Ohio. Candied and salted nuts and nuts in their natural state. 245,062, renewed Aug. 7, 1948. O. G. Sept. 21. Class 46.

Petro-Chem Development Company, New York, N. Y. Fluid burning furnaces. 401,526, May 25, 1943. Republished Sept. 21. Class 34.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 502,408, Sept. 21; Serial No. 544,654, published June 8, 1948. Class 6.

Pick, Albert, & Company, Chicago, Ill., by Pick, Albert, Company, Inc. Glass tumblers. 220,558, Nov. 9, 1926. Republished Sept. 21. Class 33.

Pick, Albert, Company, Inc.: *See*—
Pick, Albert, & Company.

Pickwick Company, Cedar Rapids, Iowa. Gas-fired water heating tanks, vats, and deep fat fryers. 502,267, Sept. 21; Serial No. 527,165, published June 8, 1948. Class 34.

Pierce, S. S., Co., Boston, Mass. Marmalade, sweetened chocolate, fruits in sirup in cans, etc. 182,354, Apr. 8, 1924. Republished Sept. 21. Class 46.

Pierce, S. S., Co., Boston, Mass. Pipes. 184,790, June 3, 1924. Republished Sept. 21. Class 8.

Pieri, Mame, Buffalo, N. Y. Bottled goods. 349,896, Sept. 14, 1937. Republished Sept. 21. Class 46.

Pine Tree Milking Machine Company, by Babson Bros. Co., Chicago, Ill. Milking-machine. 122,816, Sept. 17, 1918. Republished Sept. 21. Class 23.

Piping Specialties, Inc., New York, N. Y. Pipe hangers. 440,722, Sept. 21; Serial No. 518,101, published June 15, 1948. Class 13.

Pittsburgh Steel Company, Pittsburgh, Pa. Wire lath. 245,545, renewed Aug. 14, 1948. O. G. Sept. 21. Class 12.

Pittsburgh Steel Products Company: *See*—
National Steel Fabric Company.

Piver, L. T.: *See*—
Piver, L. T., Inc.

Piver, L. T., Inc., Wilmington, Del., and New York, N. Y., to L. T. Piver, Inc., New York, N. Y. Soaps. 249,783, renewed Nov. 20, 1948. O. G. Sept. 21. Class 4.

Piver, L. T., Inc., doing business as L. T. Piver and Parfumerie L. T. Piver, Wilmington, Del., and New York, N. Y., to L. T. Piver, Inc., New York, N. Y. Sachet powders, face powders, and talcum powders. 249,784, renewed Nov. 20, 1948. O. G. Sept. 21. Class 6.

Plant Products Company: *See*—
Plant Products Corporation.

Plant Products Corporation, Blue Point, N. Y., assignee of Plant Products Company. Insecticides. 502,417, Sept. 21; Serial No. 483,789. Class 6.

Platzer, Samuel, Co., Inc., New York, N. Y. Jewelry. 502,369, Sept. 21; Serial No. 533,370, published June 8, 1948. Class 28.

Pollak, Henry, Inc., New York, N. Y. Women's felt hats, untrimmed. 285,588, July 28, 1931. Republished Sept. 21. Class 39.

Pond, Robert B., doing business as Atom Manufacturing Company, assignor to Atom Mfg. Co., Attleboro, Mass. Artificial fishing lures and plugs. 440,721, Sept. 21; Serial No. 517,866, published Nov. 18, 1947. Class 22.

Powell & Campbell, Inc., New York, N. Y. Shoes and rubbers. 502,343, Sept. 21; Serial No. 531,372, published June 1, 1948. Class 39.

Powell & Campbell, Inc., New York, N. Y. Shoes, boots, rubbers, and slippers. 502,344, Sept. 21; Serial No. 531,373, published June 1, 1948. Class 39.

Prager Co., Inc., The, Worcester, Mass. Wallpaper. 502,328, Sept. 21; Serial No. 530,679, published June 8, 1948. Class 37.

Press Brothers Dress Corporation, by Press Dress & Uniform Company, Hummelstown, Pa. Ladies' and children's dresses and smocks, uniforms and slips, etc. 339,626, Oct. 13, 1936. Republished Sept. 21. Class 39.

Press Dress & Uniform Company: *See*—
Press Brothers Dress Corporation.

Price, L. B., Mercantile Company, The, St. Louis, Mo. Blankets. 502,433, Sept. 21; Serial No. 531,712. Class 42.

Pritchard, E., Inc.: *See*—
Pritchard, Edward.

Pritchard, E., Inc., Bridgeton, N. J. Catchup, chili sauce, and relish. 222,352, Dec. 28, 1926. Republished Sept. 21. Class 46.

Pritchard, E., Inc., Bridgeton, N. J. Catsup, chili sauce, relish composed of peppers, etc. 278,617, Dec. 23, 1930. Republished Sept. 21. Class 46.

Pritchard, Edward, New York, N. Y., by E. Pritchard, Inc., Bridgeton, N. J. Worcestershire sauce, jellies, flavoring extracts for foods. 214,816, July 6, 1926. Republished Sept. 21. Class 46.

Procter & Gamble Company, The, Cincinnati, Ohio. Processed deodorized edible vegetable oil. 502,278, Sept. 21; Serial No. 527,687, published June 8, 1948. Class 46.

Protective Packaging Corporation, Newark, N. J. Wrapping paper and paper wrappers. 416,748, Sept. 25, 1945. Republished Sept. 21. Class 37.

Pruner, Charles D., by Rocky Hill Ranches, Exeter, Calif. Fresh grapes, fresh plums, and fresh peaches. 228,327, May 31, 1927. Republished Sept. 21. Class 46.

Purchasing Agents' Association of Northern California, Incorporated, San Francisco, Calif. Periodicals issued at regular intervals. 245,683, renewed Aug. 21, 1948. O. G. Sept. 21. Class 38.

Pure Oil Company, The, Chicago, Ill. Lubricating oils, rust preventative and preservative oils. 502,268, Sept. 21; Serial No. 527,280, published June 22, 1948. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oils, cutting compound, etc. 502,269, Sept. 21; Serial No. 527,283, published June 22, 1948. Class 15.

Puritan Drug Company: *See*—
Puritan Pharmaceutical Company.

Puritan Pharmaceutical Company, to Puritan Drug Company, St. Louis, Mo. Complexion powder, cleansing creme, tissue creme, etc. 250,030, renewed Nov. 27, 1948. O. G. Sept. 21. Class 6.

Puro Sanitary Drinking Fountain Co., by R. B. Hills, Haydensville, Mass. Drinking fountains and parts thereof. 120,218, Jan. 15, 1918. Republished Sept. 21. Class 13.

Rainbar Togs, Inc., New York, N. Y. Ladies' and misses' raincoats, hats, scarfs, etc. 502,422, Sept. 21; Serial No. 515,905. Class 39.

Rand Cold Storage & Supply Company, Limited, Kazerne, Johannesburg, Union of South Africa. Bones, horns, leather, skins, hides, etc. 227,078, renewed Apr. 26, 1947. O. G. Sept. 21. Class 1.

Raybestos-Manhattan, Inc., Passaic, N. J. Belts and hose. 502,317, Sept. 21; Serial No. 529,930, published June 8, 1948. Class 35.

Recorg Supply Corporation: *See*—
Merchants Service Corporation.

Recorg Supply Corporation, by P. M. Cooter, doing business as The Cooter Company, Chicago, Ill. Toilet soap. 349,693, Aug. 31, 1937. Republished Sept. 21. Class 4.

Recorg Supply Corporation, by P. M. Cooter, doing business as The Cooter Company, Chicago, Ill. Canned vegetables, canned fruits, canned fish. 354,432, Feb. 15, 1938. Republished Sept. 21. Class 46.

Recorg Supply Corporation, by P. M. Cooter, doing business as The Cooter Company, Chicago, Ill. Household and clothes bleach. 381,091, Sept. 10, 1940. Republished Sept. 21. Class 6.

Recorg Supply Corporation, by P. M. Cooter, doing business as Cooter Company, Chicago, Ill. Jams, jellies, fruit preserves, etc. 397,456, Sept. 8, 1942. Republished Sept. 21. Class 46.

Reed & Carnrick, Jersey City, N. J. Anti-dyspeptic preparation. 212,380, May 4, 1926. Republished Sept. 21. Class 6.

Reed Plastics Corporation, assignor, by mesne assignments, to Tarlen Corporation, White Plains, N. Y. Coin purses. 502,419, Sept. 21; Serial No. 511,832. Class 3.

Reinhold, Oscar, Factories Inc., Chicago Heights, Ill. Upholstered chairs. 440,693, Sept. 21; Serial No. 506,835, published June 22, 1948. Class 32.

Reliable Electric Company, Chicago, Ill. Electrical connectors. 502,276, Sept. 21; Serial No. 527,557, published May 18, 1948. Class 21.

Renstrom, C. W., doing business as Tip-Top Products Company, Omaha, Nebr. Liquid solder. 335,485, June 2, 1936. Republished Sept. 21. Class 5.

Renstrom, Carl W., doing business as Tip-Top Products Co., by Tip-Top Products Company, Omaha, Nebr. Liquid solder. 299,976, Jan. 3, 1933. Republished Sept. 21. Class 5.

Renstrom, Carl W., doing business as Tip-Top Products Company, by Tip-Top Products Company, Omaha, Nebr. Non-electrical hair curlers. 335,323, June 2, 1936. Republished Sept. 21. Class 40.

Reynolds & Reynolds Company, The, Dayton, Ohio. Combined support and aligner. 440,705, Sept. 21; Serial No. 511,833, published June 22, 1948. Class 23.

Richter, F. Ad., & Co., New York, now by change of name Fadrich Corporation, assignor to F. Ad. Richter & Co., Inc., to F. Ad. Richter & Co., Inc., Brooklyn, N. Y. Liniment. 251,101, renewed Dec. 25, 1948. O. G. Sept. 21. Class 6.

Richter, F. Ad., & Co., Inc.: *See*—
Richter, F. Ad., & Co.

Roach, W. R., & Co., Grand Rapids, Mich., to Stokely-Van Camp, Inc., Indianapolis, Ind. Canned foods. 240,376, renewed Mar. 27, 1948. O. G. Sept. 21. Class 46.

Roach, W. R., & Co., Grand Rapids, Mich., to Stokely-Van Camp, Inc., Indianapolis, Ind. Canned fruits, fish, and vegetables, canned hominy, and canned spaghetti. 243,844, renewed July 3, 1948. O. G. Sept. 21. Class 46.

Robb-Ross Co., by Tolerton & Warfield Co., Sioux City, Iowa. Food-flavoring extracts, peanut butter, vinegar, mustard, etc. 152,970. Mar. 7, 1922. Republished Sept. 21. Class 46.

Robbins & Myers, Inc., Springfield, Ohio. Electric motors. 502,228, Sept. 21; Serial No. 495,909, published June 1, 1948. Class 21.

Rocky Hill Corporation, by Rocky Hill Ranches, Exeter, Calif. Fresh citrus fruits. 240,225, Mar. 20, 1928. Republished Sept. 21. Class 46.

Rocky Hill Corporation, by Rocky Hill Ranches, Exeter, Calif. Fresh citrus fruits. 240,706, Apr. 3, 1928. Republished Sept. 21. Class 46.

Rocky Hill Corporation, by Rocky Hill Ranches, Exeter, Calif. Fresh citrus fruits and fresh deciduous fruits. 241,624, May 1, 1928. Republished Sept. 21. Class 46.

Rocky Hill Corporation, by Rocky Hill Ranches, Exeter, Calif. Fresh deciduous fruits. 242,931, June 5, 1928. Republished Sept. 21. Class 46.

Rocky Hill Corporation, by Rocky Hill Ranches, Exeter, Calif. Fresh deciduous fruits. 246,920, Sept. 18, 1928. Republished Sept. 21. Class 46.

Rocky Hill Corporation, by Rocky Hill Ranches, Exeter, Calif. Fresh citrus fruits and fresh deciduous fruits. 248,534, Oct. 23, 1928. Republished Sept. 21. Class 46.

Rocky Hill Ranches: *See*—
Pruner, Charles D.
Rocky Hill Corporation.

Rokeach, J., & Sons, Inc., Brooklyn, N. Y. Soap. 243,543, renewed June 26, 1948. O. G. Sept. 21. Class 4.

Roper Bros., Inc., Winter Garden, Fla. Canned fruits and vegetables. 402,363, July 13, 1943. Republished Sept. 21. Class 46.

Rosenbaum Company, The, Pittsburgh, to I. Jablow & Co., Inc., Philadelphia, Pa. Men's and boys' suits. 239,601, renewed Mar. 6, 1948. O. G. Sept. 21. Class 39.

Rosenholz, J., Inc., New York, N. Y. Woven fabrics. 502,375, Sept. 21; Serial No. 534,058, published May 25, 1948. Class 42.

Rosenthal Company, The, New York, N. Y. Erasers. 502,320, Sept. 21; Serial No. 530,027, published June 8, 1948. Class 37.

Rossville Packing Company, Rossville, Ill. Canned corn. 502,354, Sept. 21; Serial No. 532,501, published June 8, 1948. Class 46.

Rudy-Patrick Seed Company, Kansas City, Mo. Poultry feeds. 235,936–7, Nov. 29, 1927. Republished Sept. 21. Class 46.

Ruthman Machinery Company, The, Cincinnati, Ohio. Pumps. 440,740, Sept. 21; Serial No. 525,272, published June 22, 1948. Class 23.

Rutland Fire Clay Co., Rutland, Vt. Patching plaster. 161,832, Nov. 21, 1922. Republished Sept. 21. Class 12.

Rutland Fire Clay Co., Rutland, Vt. Stovepipe paint enamel, asphalt roof paint. 166,201, Mar. 27, 1923. Republished Sept. 21. Class 16.

S K F Industries, Inc., Philadelphia, Pa., and elsewhere. Metal balls. 502,300, Sept. 21; Serial No. 529,090, published June 29, 1948. Class 36.

S K F Industries, Inc., Philadelphia, Pa., and elsewhere. Metal balls. 502,301, Sept. 21; Serial No. 529,095, published June 29, 1948. Class 36.

Sage Laboratories, Inc., New York, N. Y. Compound of aromatic and essential oils. 502,423, Sept. 21; Serial No. 516,788. Class 6.

Salant & Salant, Inc., New York, N. Y. Men's and boys' work and dress shirts. 502,307, Sept. 21; Serial No. 529,310, published June 8, 1948. Class 39.

Sands, Taylor & Wood Co., Somerville, Mass. Wheat flour. 179,857–8, July 24, 1923. Republished Sept. 21. Class 46.

Sands, Taylor & Wood Company, Somerville, Mass. Wheat flour. 200,247, June 30, 1925. Republished Sept. 21. Class 46.

Sands, Taylor & Wood Company, Somerville, Mass. Wheat flour. 200,271–2, June 30, 1925. Republished Sept. 21. Class 46.

Sands, Taylor & Wood Company, Somerville, Mass. Wheat flour. 200,392, June 30, 1925. Republished Sept. 21. Class 46.

Sands, Taylor & Wood Company, Somerville, Mass. Cake flour. 502,240, Sept. 21; Serial No. 512,206, published June 8, 1948. Class 46.

San-Nap-Pak Mfg. Company, Inc., New York, N. Y. Toilet tissue. 364,983, Feb. 21, 1939. Republished Sept. 21. Class 37.

Santa Clara Frosted Foods Co., Santa Clara, Calif. Frozen fresh fruits, frozen fresh vegetables. 432,250, Aug. 26, 1947. Republished Sept. 21. Class 46.

Sauer, A. F., Company, Milwaukee, Wis. Overalls, sunsuits, and rompers for small children. 411,724, Jan. 30, 1945. Republished Sept. 21. Class 39.

Sauer, C. F., Company, The, Richmond, Va. Food-flavoring extracts. 502,332, Sept. 21; Serial No. 530,851, published June 8, 1948. Class 46.

Saurer, Adolph, Inc., New York, N. Y., by Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Trucks and passenger automobiles, automobile wheels, radiators, etc. 2'0,390, Mar. 16, 1926. Republished Sept. 21. Class 19.

Schick, Harry C., Inc., Newark, N. J. Necklace clasps and fasteners. 167,785, May 8, 1923. Republished Sept. 21. Class 28.

Schick, Harry C., Inc., Newark, N. J. Necklace clasps and snaps and other articles of jewelry. 369,134, July 18, 1939. Republished Sept. 21. Class 28.

Schiff Company, The, by Shoe Corporation of America, Columbus, Ohio. Women's sport and play shoes. 414,429, June 12, 1945. Republished Sept. 21. Class 39.

Schiff Company, The, by Shoe Corporation of America, Columbus, Ohio. Shoes. 430,552, June 17, 1947. Republished Sept. 21. Class 39.

Schnefel Bros., Corporation, Newark, N. J. Manicure implements. 440,733. Sept. 21; Serial No. 522,502, published Sept. 30, 1947. Class 44.

Schwabacher Bros. & Co. Inc., to Lang & Co., Seattle, Wash. Canned vegetables, canned fruits, evaporated fruit, etc. 235,584, renewed Nov. 22, 1947. O. G. Sept. 21. Class 46.

Schwob Company, The: *See*—
Schwob, Simon.

Schwob Manufacturing Company: *See*—
Schwob, Simon.

Schwob, Simon, doing business as The Standard Tailoring Company, and The Schwob Company, by Schwob Manufacturing Company, Columbus, Ga. Men's suits and overcoats. 287,852, Oct. 13, 1931. Republished Sept. 21. Class 39.

Scientific Supply Company, Inc., Denver, Colo. Insecticides. 502,385, Sept. 21; Serial No. 535,885, published June 8, 1948. Class 6.

Seacoast Canning Company, Eastport, by R. J. Peacock Canning Co., Lubec, Maine. Canned fish, specifically canned sardines. 225,642, Mar. 22, 1927. Republished Sept. 21. Class 46.

Seacoast Canning Company, Eastport, by R. J. Peacock Canning Co., Lubec, Maine. Canned fish, specifically sardines. 226,619, Apr. 12, 1927. Republished Sept. 21. Class 46.

Seacoast Canning Company, Eastport, by R. J. Peacock Canning Co., Lubec, Maine. Canned fish, specifically sardines. 228,862, June 14, 1927. Republished Sept. 21. Class 46.

Seacoast Canning Company, Eastport, by R. J. Peacock Canning Company, Lubec, Maine. Canned fish. 239,079, Feb. 21, 1928. Republished Sept. 21. Class 46.

Sentinel Fire Insurance Company, Springfield, Mass. Writing of fire insurance. 502,415, Sept. 21; Serial No. 528,888, published June 8, 1948. Class 55.

Seven Point Hosiery, Inc.: *See*—
Whitehead Hosiery Mills, Inc.

Severoceske Tukove Zavody (Drive Jiri Schicht) Narodni Podnik: *See*—
Georg Schicht A. G.

Shapleigh Hardware Company: *See*—
Simmons Hardware Company.

Sherman, Sol, New York, N. Y. Neckties and outer shirts for men. 414,533, June 12, 1945. Republished Sept. 21. Class 39.

Shiman Bros. & Co., Inc., New York, N. Y. Gold diamond finger rings, etc. 502,364, Sept. 21; Serial No. 532,963, published June 8, 1948. Class 28.

Shirley Fabrics Corp., New York, N. Y. Textile fabrics in the piece. 502,373, Sept. 21; Serial No. 533,933, published June 1, 1948. Class 42.

Shlamsky, Philip, & Bro., Inc.: *See*—
Donnybrook Coat Co., Inc.

Shoe Corporation of America: *See*—
Schiff Company, The.

Shreve & Adams, Inc., New York, N. Y. Hosiery for women. 229,651, July 5, 1927. Republished Sept. 21. Class 39.

Shreve & Adams, Inc., New York, N. Y. Hosiery. 350,918. Oct. 12, 1937. Republished Sept. 21. Class 39.

Silbert, M., & Son, Ltd., Los Angeles, Calif. Ladies' coats, suits, jackets, and shirts. 421,336, May 28, 1946. Republished Sept. 21. Class 39.

Silverstein, Samuel, Newark, N. J. Hosiery. 502,361, Sept. 21; Serial No. 532,877, published June 8, 1948. Class 39.

Simmons Hardware Company, to Shapleigh Hardware Company, St. Louis, Mo. Razor strops. 71,562, renewed Dec. 1, 1948. O. G. Sept. 21. Class 4.

Simpson, Wm., Sons & Co., Philadelphia, Pa. Textile fabrics in the piece. 502,370, Sept. 21; Serial No. 533,628, published May 25, 1948. Class 42.

Sisk, Albert W., & Son, Preston, Md. Canned peaches, apples, pears, etc. 200,845, July 14, 1925. Republished Sept. 21. Class 46.

Sisk, Albert W., & Son, Preston, Md. Canned vegetables. 217,885, Sept. 14, 1926. Republished Sept. 21. Class 46.

Sisk, Albert W., & Son, Preston, Md. Canned tomatoes. 397,560, Sept. 8, 1942. Republished Sept. 21. Class 46.

Sisk, Albert W., & Son, Preston, Md. Canned tomatoes. 397,920, Sept. 29, 1942. Republished Sept. 21. Class 46.

Sisk, Albert W., & Son, Preston, Md. Canned vegetables. 418,333, Dec. 18, 1945. Republished Sept. 21. Class 46.

Slade Gorton Company: *See*—
Gorton, Thomas Slade, Jr.

Societa Ligure Lombarda Per Industrie Marmellate E. Conserve Alimentari, Voghera, Italy. Preserved vegetables. 246,326, renewed Sept. 4, 1948. O. G. Sept. 21. Class 46.

Societe Anonyme Adolphe Saurer: *See*—
Saurer, Adolph, Inc.

Société Anonyme des Produits Chimiques Spéciaux, Lyon-Mompiaisir, to Societe Anonyme des Produits Chimiques Speciaux "Brevets Lumiere," Lyon, Rhone, France. Medicine. 67,918, re-renewed Feb. 25, 1948. O. G. Sept. 21. Class 6.

Société Anonyme des Produits Chimiques Speciaux "Breve's Lumiere": *See*—
Societe Anonyme des Produits Chimiques Speciaux.

Societe Prodotti Chimco Farmaceutici A. Bertelli & Co., Milan, Italy. Perfumes for toilet use. 69,269, re-renewed June 2, 1948. O. G. Sept. 21. Class 6.

Societe Prodotti Chimco Farmaceutici A. Bertelli & Co., Milan, Italy. Medical preparations. 69,739, re-renewed June 30, 1948. O. G. Sept. 21. Class 6.

Society of Chemical Industry in Basle, to Ciba Limited, Basel, Switzerland. Coal-tar colors. 163,174, renewed Jan. 2, 1943. O. G. Sept. 21. Class 6.

Society of Chemical Industry in Basle, to Ciba Limited, Basel, Switzerland. Coal-tar colors. 212,376–7, renewed May 4, 1946. O. G. Sept. 21. Class 6.

Southern Industries, Old Fort, N. C. Irrigation, water, liquid, sewer, and fluid pipes or conduits. 440,692, Sept. 21; Serial No. 506,480, published June 29, 1948. Class 13.

Spatz Bros., Inc., New York, N. Y. Children's raincoats. 440,729, Sept. 21; Serial No. 520,840, published June 8, 1948. Class 39.

Speedaumat Addressing Machinery, Incorporated: *See*—
Speedaumatic Company, The.

Speedaumat Manufacturing Company: *See*—
Speedaumatic Company, The.

Speedaumatic Company, The, now by change of name to Speedaumat Addressing Machinery, Incorporated, assignor to Speedaumat Manufacturing Company, Chicago, Ill., by Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing plates. 253,798, Mar. 5, 1929. Republished Sept. 21. Classes 23 and 50.

Springfield Fire and Marine Insurance Company, Springfield, Mass. Writing of fire and marine insurance. 502,416, Sept. 21; Serial No. 528,891, published June 8, 1948. Class 55.

Standard Manifold Company, Chicago, Ill., by Standard Manifold Company. Carbon paper, inked ribbons, manifolding carbon, etc. 364,547, Feb. 7, 1939. Republished Sept. 21. Class 11.

Standard Milling Company: *See*—
Loudonville Milling Company, The.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Hand sprayers. 440,691, Sept. 21; Serial No. 505,989, published June 22, 1948. Class 23.

Standard Portland Cement Company, Cleveland, Ohio, by Diamond Alkali Company, Pittsburgh, Pa. Portland cement. 235,387, Nov. 15, 1927. Republished Sept. 21. Class 12.

Standard Tailoring Company, The: *See*—
Schwob, Simon.

Stern, Merritt Co. Inc., New York, N. Y. Neckties. 440,708, Sept. 21; Serial No. 513,346, published June 8, 1948. Class 39.

Stewart, Norman W., doing business as Bridgeton Canning Co., by Windsor Products Company Inc., Bridgeton, N. J. Tomato catsup and tomato puree, chili sauce, etc. 332,356, Feb. 11, 1936. Republished Sept. 21. Class 46.

Stewart, Norman W., doing business as Windsor Products Company, New York, N. Y., by Windsor Products Company, Inc., Bridgeton, N. J. Worcestershire sauce. 343,678, Mar. 2, 1937. Republished Sept. 21. Class 46.

Stokely-Van Camp, Inc.: *See*—
Roach, W. R., & Co.

Stone Manufacturing Co., Elizabeth, N. J. Electric lamp holders. 502,362, Sept. 21; Serial No. 532,881, published June 8, 1948. Class 21.

Sturdy's, J. F., Sons Company, Attleboro Falls, Mass. Cuff buttons. 502,394, Sept. 21; Serial No. 537,096, published June 8, 1948. Class 28.

Superb Glove Company, The, Johnstown, N. Y. Men's and ladies' dress and street gloves. 351,911, Nov. 16, 1937. Republished Sept. 21. Class 39.

Superb Glove Company, The, Johnstown, N. Y. Ladies' leather gloves. 356,089, Apr. 12, 1938. Republished Sept. 21. Class 39.

Superb Glove Company, The, Johnstown, N. Y. Ladies' leather gloves. 440,739, Sept. 21; Serial No. 525,043, published Dec. 23, 1947. Class 39.

Sussfeld, Lorsch & Schimmel, to Baille-Lemaire Fils & Cie., New York, N. Y. Binoculars, field and marine glasses, etc. 221,815, renewed Dec. 14, 1946. O. G. Sept. 21. Class 26.

Sweet-Orr & Co., Inc., New York and Wappingers Falls, N. Y. Bib-overalls, waist-overalls, and coveralls. 502,335, Sept. 21; Serial No. 531,052, published June 8, 1948. Class 39.

Sweet-Orr & Co., Inc., New York and Wappingers Falls, N. Y. Pants, bib-overalls, waist-overalls, etc. 502,336, Sept. 21; Serial No. 531,056, published June 8, 1948. Class 39.

Sweet-Orr & Co., Inc., New York and Wappingers Falls, N. Y. Pants and jackets. 502,337, Sept. 21; Serial No. 531,057, published June 8, 1948. Class 39.

Talbot Packing & Preserving Company, Easton and Cordova, by Easton Wholesale Grocery Company, Easton, Md. Canned fruits, canned vegetables, and tomato catsup. 266,653, Jan. 28, 1930. Republished Sept. 21. Class 46.

Talon, Inc., Meadville, Pa. Slide fasteners and components therefor. 502,280. Sept. 21; Serial No. 527,863, published June 15, 1948. Class 13.

Talon, Inc., Meadville, Pa. Slide fasteners. 502 281, Sept. 21; Serial No. 527,879, published June 15, 1948. Class 13.

Talon, Inc., Meadville, Pa. Slide fasteners and components therefor. 502,282. Sept. 21; Serial No. 527,880, published June 22, 1948. Class 13.

Talon, Inc., Meadville, Pa. Slide fasteners. 502,283, Sept. 21; Serial No. 527,886, published June 22, 1948. Class 13.

Talon, Inc., Meadville, Pa. Notebooks of the loose leaf ring binder type and pencil cases. 502,284, Sept. 21; Serial No. 527,923, published June 22, 1948. Class 37.
Talon, Inc., Meadville, Pa. Tents. 502,285, Sept. 21; Serial No. 527,945, published June 15, 1948. Class 50.
Tarlen Corporation: *See*—
Reed Plastics Corporation.
Taylor Engineering Company, Inc., Elgin, Ill. Hand fire extinguishers and combination hand fire extinguisher and tire inflator. 502,294, Sept. 21; Serial No. 528,655, published June 1, 1948. Class 23.
Tennessee Grove Company Inc., Winterhaven, by Adams Packing Association, Inc., Auburndale, Fla. Fresh citrus fruits. 254,187, Mar. 12, 1929. Republished Sept. 21. Class 46.
Terhune, Yercance & Wolff, Inc., New York, N. Y., by Bell Company, Worcester, Mass. Woolen fabrics in the piece. 407,488, June 6, 1944. Republished Sept. 21. Class 42.
Thermogen Corporation, Cleveland, Ohio. Fluid fuel for cutting and welding metals. 440,751, Sept. 21; Serial No. 494,983. Class 6.
Thermwell Products Co. Inc., New York, N. Y. Carpets. 502,397, Sept. 21; Serial No. 537,634, published May 25, 1948. Class 42.
Thomas, Seth, Clock Company, New York, N. Y., to General Time Instruments Corporation, Thomaston, Conn., and New York, N. Y. Clocks. 68,804, re-renewed May 5, 1948. O. G. Sept. 21. Class 27.
Thomas, Stuart K., Hanford, Calif. Fresh deciduous fruits, fresh grapes, fresh vegetables, etc. 232,264, Sept. 6, 1927. Republished Sept. 21. Class 46.
Thompson, James, & Bro., Louisville, by Glenmore Distilleries Co., Owensboro, Ky. Whiskey. 114,576, Dec. 19, 1916. Republished Sept. 21. Class 49.
Timme, E. F., & Son, New York, N. Y. Pile fabrics in the piece. 502,235, Sept. 21; Serial No. 509,312, published June 8, 1948. Class 42.
Tiny Beverages, Incorporated, Richmond, Va. Non-alcoholic, non-cereal, maltless beverages. 384,971, Feb. 11, 1941. Republished Sept. 21. Class 45.
Tiny Beverages, Incorporated, Richmond, Va. Non-alcoholic, non-cereal, maltless beverage sold as soft drink. 385,858, Mar. 18, 1941. Republished Sept. 21. Class 45.
Tip-Top Products Co.: *See*—
Renstrom, Carl W.
Tip-Top Products Company: *See*—
Renstrom, C. W.
Renstrom, Carl W.
Titmus Optical Company, Inc., Petersburg, Va. Optical lenses. 148,546, Nov. 15, 1921. Republished Sept. 21. Class 26.
Titmus Optical Company, Inc., Petersburg, Va. Optical lenses. 247,106, Sept. 18, 1928. Republished Sept. 21. Class 26.
Titmus Optical Company, Inc., Petersburg, Va. Optical lenses. 289,134, Nov. 17, 1931. Republished Sept. 21. Class 26.
Titmus Optical Company, Inc., Petersburg, Va. Lenses. 374,098, Jan. 2, 1940. Republished Sept. 21. Class 26.
Tobler, Ernst & Traber, Inc., New York, N. Y. Silk cloth, taffeta weave in the piece. 346,366, May 25, 1937. Republished Sept. 21. Class 42.
Tobler, Ernst & Traber, Inc., New York, N. Y. Woven fabrics. 396,631, July 28, 1942. Republished Sept. 21. Class 42.
Tolerton & Warfield Co.: *See*—
Robb-Ross Co.
Tolerton & Warfield Co., Sioux City, Iowa. Canned fish, pearl-barley, breakfast wheat, etc. 130,239, Apr. 13, 1920. Republished Sept. 21. Class 46.
Tolerton & Warfield Co., Sioux City, Iowa. Rice, pickles, and olives. 130,424, Apr. 20, 1920. Republished Sept. 21. Class 46.
Tolerton & Warfield Co., Sioux City, Iowa. Canned fruits and vegetables, canned fish, and soups, etc. 142,339, May 10, 1921. Republished Sept. 21. Class 46.
Tolerton & Warfield Co., Sioux City, Iowa. Canned fish, pearl barley, breakfast wheat, etc. 165,109, Mar. 6, 1923. Republished Sept. 21. Class 46.
Tolerton & Warfield Co., Sioux City, Iowa. Sliced beef, mincemeat, canned soups, etc. 192,794, Dec. 9, 1924. Republished Sept. 21. Class 46.
Tolerton & Warfield Co., Sioux City, Iowa. Powders for making nonalcoholic, maltless beverages. 235,999, Nov. 29, 1927. Republished Sept. 21. Class 45.
Tolerton & Warfield Company, Sioux City, Iowa. Food products. 259,280, July 30, 1929. Republished Sept. 21. Class 46.
Tolerton & Warfield Company, Sioux City, Iowa. Summer soft drink preparations, flavorings, extracts, and syrups. 349,615, Aug. 31, 1937. Republished Sept. 21. Class 45.
Toni Company, The, St. Paul, Minn. Home permanent waving kit. 502,315, Sept. 21; Serial No. 529,830, published June 15, 1948. Class 50.
Torsch Canning Company, The, Milford, Del. Canned vegetables. 502,316, Sept. 21; Serial No. 529,831, published June 15, 1948. Class 46.
Trubenizing Process Corporation: *See*—
Liebovitz, S., & Sons, Inc.
Truesdail Laboratories, Inc., Los Angeles, Calif. Printed house organ. 380,060, Aug. 6, 1940. Republished Sept. 21. Class 38.
Turner, John H., to Grizzly Bear Brand Products Company, Stockton, Calif. Horse radish. 272,572, renewed Oct. 2, 1948. O. G. Sept. 21. Class 46.
Twin City Wholesale Grocer Co.: *See*—
Des Moines Wholesale Grocer Co.
Twining, R., & Co., Ltd., London, England. Tea, coffee, cocoa, and chocolate. 73,956, June 1, 1909. Republished Sept. 21. Class 46.
U. R. S. Candy Stores, Inc., New York, N. Y., to Loft Candy Corporation, Long Island City, N. Y. Candy. 175,710, renewed Jan. 5, 1948. O. G. Sept. 21. Class 46.
Union Asbestos & Rubber Co., Chicago, Ill. Wicks for liquid fuel burners. 502,386, Sept. 21; Serial No. 535,905, published June 8, 1948. Class 34.
Union Confectionery Machinery Co., Inc., New York, N. Y. Machinery for the use of bakers and confectioners. 228,679–80, June 7, 1927. Republished Sept. 21. Class 23.
Union Oil Company of California, Los Angeles, Calif. Chemical compositions. 502,237, Sept. 21; Serial No. 511,119, published June 1, 1948. Class 6.
Union Products Company, The, Cleveland, Ohio. Asphalt compounds. 246,875, renewed Sept. 18, 1948. O. G. Sept. 21. Class 12.
United Furniture Stores, Chicago, Ill. Kitchen furniture. 502,271, Sept. 21; Serial No. 527,400, published May 25, 1948. Class 32.
United Piece Dye Works, The, Lodi, N. J. Dyed printed, and finished textile fabrics, printed silk foulard, etc. 177,466, Dec. 18, 1923. Republished Sept. 21. Class 42.
United Plastic Corporation, Clinton, Mass. Plastic combs. 502,435, Sept. 21; Serial No. 534,570. Class 40.
Universal Camera Corporation, New York, N. Y. Radio receiving sets, electric phonographs, and combinations thereof. 440,685, Sept. 21; Serial No. 498,955, published May 13, 1947. Class 21.
Universal Fountain Pen & Pencil Co., New York, N. Y. Stylographic pens. 416,871, Oct. 2, 1945. Republished Sept. 21. Class 37.
Valley Shoe Corporation, St. Louis, Mo. Footwear. 276,532, Oct. 21, 1930. Republished Sept. 21. Class 39.
Valmor Products Co.: *See*—
Neumann, Morton G.
Vanadium Corporation of America, Bridgeville, Pa., to Vanadium Corporation of America, New York, N. Y. Metallic oxides and salts, etc. 246,412, renewed Sept. 4, 1948. O. G. Sept. 21. Class 6.
Vanisorb Laboratories: *See*—
Glaimo, Thomas C.
Vanity Fair Venetian Blinds, Inc., New York, N. Y. Venetian blinds and parts thereof. 502,346, Sept. 21; Serial No. 531,555, published June 8, 1948. Class 32.
Venus Corporation, New York, N. Y. Containers. 502,426, Sept. 21; Serial No. 524,221. Class 2.
Verley, Albert, & Company: *See*—
Verley, Albert, Inc.
Verley, Albert, Inc., to Albert Verley & Company, Chicago, Ill. Aromatic alcohols, aromatic aldehydes, etc. 229,695, renewed July 5, 1947. O. G. Sept. 21. Class 6.
Victor Chemical Works, Chicago, Ill. Sodium formate for chrome tanning, wallpaper printing, and chemical plating baths. 502,293, Sept. 21; Serial No. 528,545, published June 15, 1948. Class 6.
Victorius, A. V., & Co., Inc., to Burglo Bros., Inc., New York, N. Y. Hosiery. 237,924, renewed Jan. 24, 1948. O. G. Sept. 21. Class 39.
Victory Packing Co., Los Angeles and Modesto, Calif. Fresh frozen chopped horse meat. 502,246, Sept. 21; Serial No. 516,925, published June 15, 1948. Class 46.
Viobin Corporation, Monticello, Ill. Wheat germ oil. 385,912, Mar. 25, 1941. Republished Sept. 21. Class 6.
Visking Corporation, The, Chicago, Ill., and Richmond, Va. Tubing, casings, and bags. 502,256, Sept. 21; Serial No. 521,546, published June 15, 1948. Class 2.
Volupté, Inc., Elizabeth, N. J., and New York, N. Y. Compacts and cigarette cases. 502,329, Sept. 21; Serial No. 530,688, published June 8, 1948. Class 28.
Walker Vitamin Products, Inc., Mount Vernon, N. Y. Tablets. 502,233, Sept. 21; Serial No. 509,057, published June 15, 1948. Class 6.
Wallace-Davis Manufacturing Company, Woodbridge, Conn. Baby supporter. 440,723, Sept. 21; Serial No. 518,262, published June 15, 1948. Class 32.
Warren, Marie E.: *See*—
Folsom, Ida M.
Warren, S. D., Company, Boston, Mass. Paper manufactured for use in the construction of cartons, etc. 502,407, Sept. 21; Serial No. 542,734, published June 22, 1948. Class 37.
Washington, Booker T., Jewelry Company: *See*—
Mills, Morton E.
Waters Conley Company, Rochester, Minn. Electrical phonographs. 502,358, Sept. 21; Serial No. 532,776, published June 15, 1948. Class 21.
Watson Company, The, Attleboro, Mass. Sterling silver flatware and hollowware. 502,259, Sept. 21; Serial No. 524,923, published June 1, 1948. Class 28.
Wayne County Preserving Co., by Edgett-Burnham Company, Newark, N. Y. Canned fruits and vegetables. 53,296–7, May 29, 1906. Republished Sept. 21. Class 46.
Wayne County Preserving Co., by Edgett-Burnham Company, Newark, N. Y. Canned fruits and vegetables. 54,399, June 26, 1906. Republished Sept. 21. Class 46.

Wayne County Preserving Co., by Edgett-Burnham Company, Newark, N. Y. Canned fruits and vegetables. 63,300, June 11, 1907. Republished Sept. 21. Class 46.
Wayne County Preserving Co., by Edgett-Burnham Company, Newark, N. Y. Bottled, canned, preserved, evaporated, and pickled fruits and vegetables. 69,599, June 23, 1908. Republished Sept. 21. Class 46.
Webster Electric Company, Racine, Wis. Pick-up tone arms. 502,339, Sept. 21; Serial No. 531,168, published June 8, 1948. Class 21.
Weed, Lewis M., Co., Inc., Binghamton, by The Drybak Corporation, Binghamton, N. Y. Knee or full length and lace or button bottom breeches; coats, etc. 193,754, Jan. 6, 1925. Republished Sept. 21. Class 39.
Weed, Lewis M., Co., Inc., Binghamton, by The Drybak Corporation, Binghamton, N. Y. Men's and women's sport clothing. 203,016, Sept. 8, 1925. Republished Sept. 21. Class 39.
Weiner, Chas., & Sons, Inc., Chicago, Ill. Men's and boys' wear. 502,245, Sept. 21; Serial No. 516,255, published June 8, 1948. Class 39.
Wells Lamont Corporation, Chicago, Ill. Work gloves. 405,159–60, Jan. 11, 1944. Republished Sept. 21. Class 39.
Wenatchee-Okanogan Co-Operative Federation, Wenatchee, Wash. Fresh apples. 240,113, Mar. 20, 1928. Republished Sept. 21. Class 46.
Western Auto Stores: *See*—
Western Auto Supply Company.
Western Auto Supply Company, Kansas City, Mo. Golf clubs and golf balls. 377,971, May 21, 1940. Republished Sept. 21 Class 22.
Western Auto Supply Company, doing business as Western Auto Stores, Kansas City, Mo. Firearms and ammunition. 382,397, Oct. 29, 1940. Republished Sept. 21. Class 9.
Western Auto Supply Company, Kansas City, Mo. Suit cases, overnight cases, vanity cases, etc. 402,397, July 20, 1943. Republished Sept. 21. Class 3.
Western Auto Supply Company, Kansas City, Mo. Asphalt felt roll roofing and shingles. 407,670, June 20, 1944. Republished Sept. 21. Class 12.
Western Auto Supply Company, Kansas City Mo. Seat covers for motor vehicles. 419,361, Feb. 12, 1946. Republished Sept. 21. Class 19.
Western Auto Supply Company, Kansas City, Mo. Power driven mechanical washers and ironers. 425,528, Nov. 26, 1946. Republished Sept. 21. Class 24.
Western Grocer Company, Marshalltown, Iowa, to Consolidated Grocers Corporation, Chicago, Ill. Canned vegetables. 250,000, renewed Nov. 27, 1948. O. G. Sept. 21. Class 46.
Western Machine Tool Works, Holland, Mich. Power operated machine. 440,730–1, Sept. 21; Serial Nos. 520,843–4, published June 22, 1948. Class 23.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets: loose writing paper. 440,745, Sept. 21; Serial No. 526,098, published June 8, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and correspondence and mailing envelopes. 440,746, Sept. 21; Serial No. 526,107, published June 8, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Correspondence and mailing envelopes. 440,747, Sept. 21; Serial No. 526,108, published June 8, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and correspondence and mailing envelopes. 440,748, Sept. 21; Serial No. 526,135, published June 8, 1948. Class 37.
Weston Biscuit Company, Inc.: *See*—
Associated Biscuit Co.
Weston, George, Ltd.
Weston, George, Limited.
Weston Biscuit Company Inc.: *See*—
Weston Biscuit Co., Ltd.
Weston Biscuit Co., Ltd., by Weston Biscuit Company Inc., Passaic, N. J. Cake wafers. 311,940, Apr. 10, 1934. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Crackers. 348,780, Aug. 10, 1937. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Cream filled biscuits. 351,007, Oct. 12, 1937. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Biscuits and crackers. 351,008, Oct. 12, 1937. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Cookies. 353,251, Dec. 28, 1937. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Crackers. 353,947, Jan. 25, 1938. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Cookies. 356,349, Apr. 26, 1938. Republished Sept. 21. Class 46.
Weston, George, Ltd., Passaic, N. J., by Weston Biscuit Company Inc., Passaic, N. J. Biscuits, crackers and cookies. 396,921, Aug. 11, 1942. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Cookies. 418,681, Jan. 8, 1946. Republished Sept. 21. Class 46.
Weston, George, Limited, by Weston Biscuit Company, Inc., Passaic, N. J. Bakery products. 421,465, June 4, 1946. Republished Sept. 21. Class 46.
Whitaker Paper Company, The, Cincinnati, Ohio, by Hollingsworth & Whitney Company, Boston, Mass. Writing and wrapping papers. 126,501, Aug. 26, 1919. Republished Sept. 21. Class 37.
Whitehead Hosiery Mills, Inc., Burlington, by Seven Point Hosiery, Inc., Burlington, N. C. Hosiery. 154,737, Apr. 18, 1922. Republished Sept. 21. Class 39.
Whitney, W. F., Company, Inc., South Ashburnham, Mass. Woven plastic rattan. 502,420, Sept. 21; Serial No. 512,551. Class 42.
Widmer's Grape Products Industry, to Widmer's Wine Cellars, Inc., Naples, N. Y. Grape juice. 247,712–14, renewed Oct. 2, 1948. O. G. Sept. 21. Class 45.
Widmer's Wine Cellars, Inc.: *See*—
Widmer's Grape Products Industry.
Willard Storage Battery Company, Cleveland, Ohio. Secondary or storage batteries and primary batteries or dry cells and parts thereof, etc. 502,333, Sept. 21; Serial No. 530,881, published June 22, 1948. Class 21.
Williams and Anderson Company, The, Providence, R. I. Jewelry. 313,905, June 12, 1934. Republished Sept. 21. Class 28.
Wilmington Hosiery Mills, Inc., Wilmington, Del. Hosiery. 502,436, Sept. 21; Serial No. 536,201. Class 39.
Wilson Brothers, Chicago, Ill. Men's and boys' underwear. 399,653, Jan. 26, 1943. Republished Sept. 21. Class 39.
Windsor-Lloyd Products, Inc., Wilmington, Del. Solder consisting of a powder preparation. 502,382, Sept. 21; Serial No. 534,701, published June 8, 1948. Class 6.
Windsor Products Company: *See*—
Stewart, Norman W.
Windsor Products Company, Inc.: *See*—
Stewart, Norman W.
Windsor Products Co. Inc., Bridgeton, N. J. Tomato catsup. 370,559, Aug. 29, 1939. Republished Sept. 21. Class 46.
Windsor Products Company, Inc., Bridgeton, N. J. Tomato catsup and tomato juice. 373,759, Dec. 19, 1939. Republished Sept. 21. Class 46.
Winston and Newell Company, Minneapolis, Minn. Salad dressing, sandwich spread and egg noodles. 387,365, May 13, 1941. Republished Sept. 21. Class 46.
Winters Brothers Company, Rochester, Mich. Taps and dies. 431,234, July 15, 1947. Republished Sept. 21. Class 23.
Wishnick-Tumpeer, Inc., by Witco Chemical Company, Chicago, Ill. Precipitated calcium carbonate. 395,680, June 2, 1942. Republished Sept. 21. Class 6.
Witco Chemical Company: *See*—
Wishnick-Tumpeer, Inc.
Wittnauer, A., Co., New York, N. Y., to Compagnie Des Montres Longines, Francillon S. A. (Longines Watch Co. Francillon Ltd.), St. Imier, Switzerland. Watches, parts of watches, and watchcases. 65,109, re-renewed Sept. 10, 1947. O. G. Sept. 21. Class 27.
Wolf Safety Lamp Co. of America, Inc., Brooklyn, N. Y. Safety lamps, carbide cap lamps, carbide hand lamps. 190,984, Oct. 28, 1924. Republished Sept. 21. Class 34.
Wolter Bros., Peoria, Ill. Potatoes. 136,709, Nov. 2, 1920. Republished Sept. 21. Class 46.
Wolverine Brass Works, Grand Rapids, Mich. Standard and convertible traps, adjustable and universal traps. 69,312, re-renewed June 2, 1948. O. G. Sept. 21. Class 13.
Wolverine Brass Works, Grand Rapids, Mich. Rubber closet elbows, connections, and sleeves, rubber tankballs, etc. 69,313, re-renewed June 2, 1948. O. G. Sept. 21. Class 13.
Wood, John, Manufacturing Company, Inc.: *See*—
Bennett Pumps Corporation, The.
Wool-O-Matic Manufacturing Co., Chicago, Ill. Dry cleaning equipment. 440,699, Sept. 21; Serial No. 509,902, published June 29, 1948. Class 24.
Wunda Wiper Company, The: *See*—
Conlon, Charles S.
Wurzburg Brothers, assignor to Wurzburg Brothers, Incorporated, Memphis, Tenn. Twine holders; chick shipping boxes. 440,700, Sept. 21; Serial No. 510,144, published June 29, 1948. Class 2.
Wurzburg Brothers, Incorporated: *See*—
Wurzburg Brothers.
Zang, Perry N.: *See*—
Amorskin Corporation.
Zenith Radio Corporation, Chicago, Ill. Electrical talking machines and parts thereof. 440,742, Sept. 21; Serial No. 525,740, published June 8, 1948. Class 21.
Zephyr American Corporation, New York, N. Y. Trays. 502,366, Sept. 21; Serial No. 533,221, published June 8, 1948. Class 37.
Zinsser, Wm. & Co. Inc., New York, N. Y. Shellac enamel. 239,060, Feb. 21, 1928. Republished Sept. 21. Class 16.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Bones, horns, leather, skins, hides, etc. Rend Cold Storage & Supply Company, Limited. 227,078, renewed Apr. 26, 1947. O. G. Sept. 21.
Carbon black. Peerless Carbon Black Company. 240,885, renewed Apr. 10, 1948. O. G. Sept. 21.
Coal. Jeddo-Highland Coal Company. 250,260, renewed Dec. 4, 1948. O. G. Sept. 21.
Sand, clay, and various grades of stone. National Stone Company. 248,166, renewed Oct. 16, 1948. O. G. Sept. 21.

CLASS 2

Bags, Moisture and moisture vapor proof paper. Dixie Wax Paper Company. 328,070, Sept. 17, 1935. Republished Sept. 21.
Bags, Paper, Dixie Wax Paper Company. 306,104, Sept. 5, 1933. Republished Sept. 21.
Barrels, and staves, headings, etc., Wooden. Lucas E. Moore Stave Co., of Ga. 440,718, Sept. 21; Serial No. 516,860, published Nov. 4, 1947.
Cans, Covered. Master Metal Products Inc. 284,752, July 7, 1931. Republished Sept. 21.
Cans, Garbage. Kaustine Company, Inc. 193,312, Dec. 23, 1924. Republished Sept. 21.
Cans, Garbage and waste. Master Metal Products Inc. 214,562, June 29, 1926. Republished Sept. 21.
Cartons. Chicago Carton Company. 502,286, Sept. 21; Serial No. 528,011, published June 29, 1948.
Chests, Utility. Master Metal Products Inc. 298,571, Nov. 1, 1932. Republished Sept. 21.
Clothes hamper. Jacobs Bros. Co., Inc. 502,255, Sept. 21; Serial No. 520,783, published June 29, 1948.
Containers. Venus Corporation. 502,426, Sept. 21; Serial No. 524,221.
Tanks, Enameled. Glascote Company. 243,975, renewed July 3, 1948. O. G. Sept. 21.
Tubing, casings, and bags. Visking Corporation. 502,256, Sept. 21; Serial No. 521,546, published June 15, 1948.
Twine holders; chick shipping boxes. Wurzburg Brothers. 440,700, Sept. 21; Serial No. 510,144, published June 29, 1948.

CLASS 3

Coin purses. Reed Plastics Corporation. 502,419, Sept. 21; Serial No. 511,832.
Hand bags of all kinds, Women's. Hahn Department Stores, Inc. 291,151, Feb. 2, 1932. Republished Sept. 21.
Suit cases, overnight cases, vanity cases, etc. Western Auto Supply Company. 402,397, July 20, 1943. Republished Sept. 21.

CLASS 4

Abrasive grains, Artificial. Exolon Company. 320,843, Jan. 8, 1935. Republished Sept. 21.
Boot polish, All kinds of. Naamlooze Vennootschap Maatschappij Voor Wasverwerking. 157,720, Aug. 15, 1922. Corrected. O. G. Sept. 21.
Cloths, Treated dust. C. S. Conlon. 239,573, renewed Mar. 6, 1948. O. G. Sept. 21.
Compounds, Cleaning and washing. Diamond Alkali Company. 401,970, June 22, 1943. Republished Sept. 21.
Detergent, Laundry. Diamond Alkali Company. 411,282, Jan. 9, 1945. Republished Sept. 21.
Detergent, Laundry. Diamond Alkali Company. 415,659–60, Aug. 14, 1945. Republished Sept. 21.
Greases and oils, Waterproofing and softening. Nourse Oil Company. 260,981, Sept. 3, 1929. Republished Sept. 21.
Oxide grains, Fused aluminous. Exolon Company. 332,105, Feb. 4, 1936. Republished Sept. 21.
Razor-strops and razor-hones. Cattaraugus Cutlery Co. 139,500, Feb. 8, 1921. Republished Sept. 21.
Shaving cream. Mennen Company. 253,177, Feb. 19, 1929. Republished Sept. 21.
Soap. I. Rokeach & Sons, Inc. 243,543, renewed June 26, 1948. O. G. Sept. 21.
Soap powder. Larkin Co. 71,384, re-renewed Nov. 24, 1948. O. G. Sept. 21.
Soap, Toilet. Recorg Supply Corporation. 349,693, Aug. 31, 1937. Republished Sept. 21.
Soaps. Amorskin Corporation. 249,586, renewed Nov. 20, 1948. O. G. Sept. 21.
Soaps. L. T. Piver, Inc. 249,783, renewed Nov. 20, 1948. O. G. Sept. 21.
Soaps, Toilet. Avon Products, Inc. 432,852, Sept. 16, 1947. Republished Sept. 21.
Sours, silicated alkalis, Laundry. Diamond Alkali Company. 402,350, July 13, 1943. Republished Sept. 21.
Strops, Razor. Simmons Hardware Company. 71,562, re-renewed Dec. 1, 1948. O. G. Sept. 21.

CLASS 5

Adhesive, Elastic pliable and flexible. Insulite Company. 378,782, June 18, 1940. Republished Sept. 21.
Solder, Liquid. C. W. Renstrom. 299,976, Jan. 3, 1933. Republished Sept. 21.
Solder, Liquid. C. W. Renstrom. 335,485, June 2, 1936. Republished Sept. 21.

CLASS 6

All the goods listed in the original registration. M. G. Neumann. 349,940, Sept. 14, 1937. Republished Sept. 21.
Anti-dyspeptic preparation. Reed & Carnrick. 212,380, May 4, 1926. Republished Sept. 21.
Aromatic alcohols, aromatic aldehydes, etc. Albert Verley, Inc. 229,695, renewed July 5, 1947. O. G. Sept. 21.
Astringents, astringent cerates, bleach creams, etc. Elmo, Incorporated. 270,807, May 13, 1930. Republished Sept. 21.
Astringents, astringent cerates, bleach creams, etc. Elmo, Incorporated. 290,635, Jan. 12, 1932. Republished Sept. 21.
Bacteriological preparations. Bakteriologisk Laboratorium, Neumann & Co., I. Aalborg. 69,723, re-renewed June 30, 1948. O. G. Sept. 21.
Base material for pharmaceutical and cosmetic creams. T. C. Giaimo. 415,684, Aug. 14, 1945. Republished Sept. 21.
Beverage salts, Effervescent. Achille Brioschi & Co. Inc. 209,297–8, Feb. 23, 1926. Republished Sept. 21.
Bleach, Household and clothes. Recorg Supply Corporation. 381,091, Sept. 10, 1940. Republished Sept. 21.
Bleaching fluid. J. J. Kittless. 205,846, Nov. 17, 1925. Republished Sept. 21.
Calcium carbonate, Precipitated. Wishnick-Tumpeer, Inc. 395,680, June 2, 1942. Republished Sept. 21.
Carbon black. Peerless Carbon Black Company. 240,885, renewed Apr. 10, 1948. O. G. Sept. 21.
Carbon tetrachloride. Diamond Alkali Company. 365,394, Mar. 7, 1939. Republished Sept. 21.
Chemical adjuvants for petroleum products. Monsanto Chemical Company. 502,258, Sept. 21; Serial No. 523,974, published June 15, 1948.
Chemical compositions. Union Oil Company of California. 502,237, Sept. 21; Serial No. 511,119, published June 1, 1948.
Chemical compound, Specially prepared. Du-Lite Chemical Corporation. 392,383, Dec. 23, 1941. Republished Sept. 21.
Chlorine. Diamond Alkali Company. 280,638, Feb. 24, 1931. Republished Sept. 21.
Colors, Coal-tar. Society of Chemical Industry in Basle. 163,174, renewed Jan. 2, 1943. O. G. Sept. 21.
Colors, Coal-tar. Society of Chemical Industry in Basle. 212,376–7, renewed May 4, 1946. O. G. Sept. 21.
Compound of aromatic and essential oils. Sage Laboratories, Inc. 502,423, Sept. 21; Serial No. 516,788.
Compounds, Cleaning and washing. Diamond Alkali Company. 401,970, June 22, 1943. Republished Sept. 21.
Deodorizing blocs. C. B. Dolge Company. 239,568, Mar. 6, 1928. Republished Sept. 21.
Dietetic albuminous preparations. Bauer & Co. 53,028, re-renewed May 22, 1946. O. G. Sept. 21.
Epsom salt. Drackett Chemical Company. 251,039, renewed Dec. 25, 1948. O. G. Sept. 21.
Eye wash. McKesson & Robbins, Incorporated. 243,912, renewed July 3, 1948. O. G. Sept. 21.
Face cream. Amorskin Corporation. 249,775, renewed Nov. 20, 1948. O. G. Sept. 21.
Face powder, talcum powder, bath salts, etc. Houbigant, Inc. 289,043, Nov. 17, 1931. Republished Sept. 21.
Fuel for cutting and welding metals, Fluid. Thermogen Corporation. 440,751, Sept. 21; Serial No. 494,983.
Insecticides. General Laboratories. 235,536, renewed Nov. 22, 1947. O. G. Sept. 21.
Insecticides. Plant Products Corporation. 502,417, Sept. 21; Serial No. 483,789.
Insecticides. Scientific Supply Company, Inc. 502,385, Sept. 21; Serial No. 535,885, published June 8, 1948.
Lavender water. P. P. Mülhens. 239,158, renewed Feb. 21, 1948. O. G. Sept. 21.
Liniment. F. Ad. Richter & Co. 251,101, renewed Dec. 25, 1948. O. G. Sept. 21.
Liniment for an antiseptic and germicide. G. B. Barnett. 237,511, renewed Jan. 10, 1948. O. G. Sept. 21.
Liniments for relieving the pains of muscular rheumatism. A. Nazaroff. 251,069, renewed Dec. 25, 1948. O. G. Sept. 21.
Lipstick, rouge, and nail polish. Avon Products, Inc. 432,880, Sept. 16, 1947. Republished Sept. 21.
Lipsticks. Lucien Lelong, Inc. 502,405, Sept. 21; Serial No. 540,294, published June 8, 1948.
Lipsticks. Park & Tilford. 502,351, Sept. 21; Serial No. 532,157, published June 8, 1948.
Liquid, Bottled. Miller Protecto Products Co. 502,353, Sept. 21; Serial No. 532,322, published June 8, 1948.
Liquid preparation for preserving and rendering water repellent, dry flies, fishing lines, etc. Paul Bunyan Bait Company. 502,388, Sept. 21; Serial No. 536,581, published June 8, 1948.
Lotion, After-shave and after-shower. B. V. D. Corporation. 502,338, Sept. 21; Serial No. 531,093, published June 8, 1948.
Lotion, Scalp and skin. Lindsay Ripe Olive Company. 337,819, Aug. 18, 1936. Republished Sept. 21.

Lotion, Scalp and skin. Lindsay Ripe Olive Company. 339,090, Sept. 22, 1938. Republished Sept. 21.
Lotion, Scalp and skin. Lindsay Ripe Olive Company. 342,308, Jan. 12, 1937. Republished Sept. 21.
Lotion, Skin. W. J. Becker. 222,693, Jan. 4, 1927. Republished Sept. 21.
Magnesium hydroxide. McKesson & Robbins, Incorporated. 243,911, renewed July 3, 1948. O. G. Sept. 21.
Materials and solutions for treating printing plates. Addressograph-Multigraph Corporation. 396,232, June 30, 1942. Republished Sept. 21.
Materials for preserving the blankets of printing machines. Multigraph Company. 299,131, Nov. 22, 1932. Republished Sept. 21.
Medical preparation. Dios Chemical Co. 44,420, July 4, 1905. Republished Sept. 21.
Medical preparations. Societe Prodotti Chimco Farmaceutici A. Bertelli & Co. 69,739, re-renewed June 30, 1948. O. G. Sept. 21.
Medicated ointment. Armour and Company. 502,275, Sept. 21; Serial No. 527,517, published June 15, 1948.
Medicated powder. Mennen Company. 368,070, June 6, 1939. Republished Sept. 21.
Medicinal compound. Alkaloi Company. 70,850, re-renewed Oct. 13, 1948. O. G. Sept. 21.
Medicinal preparation, Liquid. Eli Lilly & Company. 174,144, renewed Jan. 5, 1948. O. G. Sept. 21.
Medicine. Societe Anonyme des Produits Chimiques Spéciaux. 67,918, re-renewed Feb. 25, 1948. O. G. Sept. 21.
Metallic oxides and salts, etc. Vanadium Corporation of America. 246,412, renewed Sept. 4, 1948. O. G. Sept. 21.
Ointment or cream for the complexion. J. V. Daniels. 89,231, Dec. 3, 1912. Republished Sept. 21.
Paraffin wax, Chlorinated. Diamond Alkali Company. 420,478, Apr. 16, 1946. Republished Sept. 21.
Perfume extract and toilet water, rouge, lotion, solid brilliantine, etc. Houbigant, Inc. 382,427, Oct. 29, 1940. Republished Sept. 21.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 309,266, Jan. 9, 1934. Republished Sept. 21.
Perfume, toilet water, skin lotion, etc. Houbigant, Inc. 380,428, Aug. 20, 1940. Republished Sept. 21.
Perfume, toilet water, vegetal, etc. Cheramy, Inc. 199,726, June 16, 1925. Republished Sept. 21.
Perfumes. Lionel Trading Co. Inc. 225,387, renewed Mar. 15, 1947. O. G. Sept. 21.
Perfumes for toilet use. Societe Prodotti Chimco Farmaceutici A. Bertelli & Co. 69,269, re-renewed June 2, 1948. O. G. Sept. 21.
Perfumes, toilet water, bath oil, etc. Haviland Laboratories, Inc. 502,380, Sept. 21; Serial No. 534,437, published June 15, 1948.
Perfumes, toilet water, face powder, etc. Houbigant, Inc. 291,457, Feb. 9, 1932. Republished Sept. 21.
Perfumes, toilet water, face powder, etc. Houbigant, Inc., 295,771, July 12, 1932. Republished Sept. 21.
Petroleum gas, Liquefied. G. H. Helmer. 391,719, Nov. 18, 1941. Republished Sept. 21.
Pharmaceutical preparation. Dun-L Products, Inc. 502,330, Sept. 21; Serial No. 530,726, published June 1, 1948.
Powder, cleansing creme, tissue creme, etc., Complexion. Puritan Pharmaceutical Company. 250,030, renewed Nov. 27, 1948. O. G. Sept. 21.
Powders, face powders, and talcum powders, Sachet. L. T. Piver, Inc. 249,784, renewed Nov. 20, 1948. O. G. Sept. 21.
Preparation for alleviating discomforts of excess stomach acidity and improving the appetite. E. C. De Witt & Company. 32,134, re-renewed Nov. 8, 1948. O. G. Sept. 21.
Preparation for the complexion. I. M. Folsom. 244,098, renewed July 10, 1948. O. G. Sept. 21.
Sal soda, baking soda and bicarbonate of soda. Church & Dwight Co., Inc. 502,264, Sept. 21; Serial No. 526,789, published June 8, 1948.
Sal soda, washing soda, and bicarbonate of soda. Church & Dwight Co., Inc. 502,262, Sept. 21; Serial No. 526,751, published June 8, 1948.
Sal soda, washing soda, baking soda, etc. Church & Dwight Co., Inc. 502,261, Sept. 21; Serial No. 526,744, published June 8, 1948.
Salt. Carey Salt Co. 278,007, Dec. 2, 1930. Republished Sept. 21.
Salve, Antiseptic. M. Britt. 502,340, Sept. 21; Serial No. 531,303, published June 8, 1948.
Salve or ointment, General healing. S. B. Malone. 240,411, renewed Mar. 27, 1948. O. G. Sept. 21.
Silicate of soda. Philadelphia Quartz Company. 502,408, Sept. 21; Serial No. 544,654, published June 8, 1948.
Skin creams and skin lotions. D. E. Johnson. 273,217, July 22, 1930. Republished Sept. 21.
Sodium bicarbonate. Diamond Alkali Company. 282,927, May 5, 1931. Republished Sept. 21.
Sodium formate for chrome tanning, wallpaper printing, and chemical plating baths. Victor Chemical Works. 502,293, Sept. 21; Serial No. 528,545, published June 15, 1948.
Solder consisting of a powder preparation. Windsor-Lloyd Products, Inc. 502,382, Sept. 21; Serial No. 534,701, published June 8, 1948.
Solution. Harrower Laboratory, Inc. 242,870, renewed June 5, 1948. O. G. Sept. 21.
Sour, Laundry. Diamond Alkali Company. 415,958–60, Aug. 21, 1945. Republished Sept. 21.
Sour, Laundry. Diamond Alkali Company. 415,962, Aug. 21, 1945. Republished Sept. 21.
Sours, silicated alkalic containing sodium oxide and silica, Laundry, etc. Diamond Alkali Company. 402,350, July 13, 1943. Republished Sept. 21.
Tablets. Walker Vitamin Product, Inc. 502,233, Sept. 21; Serial No. 509,057, published June 15, 1948.
Tablets and capsules. A. E. Mallard. 244,136, renewed July 10, 1948. O. G. Sept. 21.
Toilet and talcum powders, antiseptic powder, liquid skin lotion, etc. Mennen Company. 358,165, June 28, 1938. Republished Sept. 21.
Wheat germ oil. Viobin Corporation. 385,912, Mar. 25, 1941. Republished Sept. 21.

CLASS 8

Pipes. S. S. Pierce Co. 184,790, June 3, 1924. Republished Sept. 21.

CLASS 9

Firearms and ammunition. Western Auto Supply Company. 382,397, Oct. 29, 1940. Republished Sept. 21.

CLASS 11

Carbon paper, inked ribbon, manifolding carbon, etc. Standard Manifold Company. 364,547, Feb. 7, 1939. Republished Sept. 21.
Ink pads, rubber-stamp ink, and numbering machine ink. Office Specialties Co. 222,708, renewed Jan. 4, 1947. O. G. Sept. 21.

CLASS 12

Asphalt compounds. Union Products Company. 246,875, renewed Sept. 18, 1948. O. G. Sept. 21.
Asphalt felt roll roofing and shingles. Western Auto Supply Company. 407,670, June 20, 1944. Republished Sept. 21.
Cedar poles, Treated. National Pole and Treating Company. 386,256, Apr. 1, 1941. Republished Sept. 21.
Cement, Portland. Northwestern States Portland Cement Co. 70,578, re-renewed Sept. 15, 1948. O. G. Sept. 21.
Cement, Portland. Standard Portland Cement Company. 235,387, Nov. 15, 1927. Republished Sept. 21.
Fiber board. Insulite Company. 387,134, May 6, 1941. Republished Sept. 21.
Insulation material, Fire-proofed cotton sheet. Lockport Cotton Batting Co. 401,062, Apr. 20, 1943. Republished Sept. 21.
Lathe, Wire. Pittsburgh Steel Company. 245,545, renewed Aug. 14, 1948. O. G. Sept. 21.
Lime, lump lime, and pulverized quicklime, Masons' hydrated. Ladd Lime and Stone Company. 364,702, Feb. 14, 1939. Republished Sept. 21.
Mortar, Masonry. Ladd Lime & Stone Co. 367,817, May 30, 1939. Republished Sept. 21.
Plaster, Patching. Rutland Fire Clay Co. 161,832, Nov. 21, 1922. Republished Sept. 21.
Reenforcement material for plaster and cement. National Steel Fabric Company. 236,844, Dec. 27, 1927. Republished Sept. 21.
Refractory materials. Exolon Company. 214,323, June 22, 1926. Republished Sept. 21.
Screens, Window. National Screen Company, Inc. 432,109, Aug. 19, 1947. Republished Sept. 21.

CLASS 13

Bindings, binder bars, caps and edgings, Metal and plastic. Kinkead Industries Incorporated. 502,231, Sept. 21; Serial No. 506,245, published June 29, 1948.
Box strapping, Metal. Darling Valve & Manufacturing Company. 410,910, Dec. 26, 1944. Republished Sept. 21.
Brackets, Window shade. Luther O. Draper Shade Company. 440,678, Sept. 21; Serial No. 484,561, published June 29, 1948.
Closet elbows, connections, and sleeves, rubber tank-balls, Rubber, etc. Wolverine Brass Works. 69,313, re-renewed June 2, 1948. O. G. Sept. 21.
Coffee urns, brewers, percolators, etc. S. D. Levings. 440,712, Sept. 21; Serial No. 515,230, published June 29, 1948.
Couplings, Belt. Greene, Tweed & Co. 51,556, Apr. 17, 1906. Republished Sept. 21.
Couplings, Metallic hose. Flex-O-Tube Co. 340,238, Nov. 3, 1936. Republished Sept. 21.
Drinking fountains and parts thereof. Puro Sanitary Drinking Fountain Co. 120,218, Jan. 15, 1918. Republished Sept. 21.
Hose with faucet and drain attachments, Drain flushing. G. A. Norman. 440,715, Sept. 21; Serial No. 516,209, published June 29, 1948.
Kitchen ware, Aluminum. Kent Foundry Company. 440,684, Sept. 21; Serial No. 496,086, published June 29, 1948.

Leg leveler in the nature of a self-adjusting glider. Furniture. Blake Industries. 502,308, Sept. 21; Serial No. 529,349, published June 15, 1948.
Mixing bowls, dish pans, sauce pans, etc. Columbian Enameling and Stamping Co., Inc. 502,287, Sept. 21; Serial No. 528,013, published June 22, 1948.
Nails and staples. Dickson Weatherproof Nail Co. 502,226, Sept. 21; Serial No. 486,405, published June 15, 1948.
Pipe hangers. Piping Specialties, Inc. 440,722, Sept. 21; Serial No. 518,101, published June 15, 1948.
Pipes or conduits, Irrigation, water, liquid, sewer and fluid. Southern Industries. 440,692, Sept. 21; Serial No. 506,480, published June 29, 1948.
Pipes, tubes, fittings, etc. Carbon and graphite. National Carbon Company, Inc. 440,741, Sept. 21; Serial No. 525,371, published June 15, 1948.
Slide fasteners. Talon, Inc. 502,281, Sept. 21; Serial No. 527,879, published June 15, 1948.
Slide fasteners. Talon, Inc. 502,283, Sept. 21; Serial No. 527,886, published June 22, 1948.
Slide fasteners and components therefor. Talon, Inc. 502,282, Sept. 21; Serial No. 527,880, published June 22, 1948.
Slide fasteners and components therefor. Talon, Inc. 502,280, Sept. 21; Serial No. 527,863, published June 15, 1948.
Toilet seats and children's training deflectors, Children's. Kiddie Seat Corporation. 440,701–2, Sept. 21; Serial Nos. 510,703–4, published June 15, 1948.
Traps, adjustable and universal traps, Standard and convertible. Wolverine Brass Works. 69,312, re-renewed June 2, 1948. O. G. Sept. 21.
Valves, Pressure regulating. Alco Valve Company. 502,298, Sept. 21; Serial No. 528,844, published June 29, 1948.

CLASS 14

Castings of ferrous metal. Belle City Malleable Iron Company. 383,485, Dec. 10, 1940. Republished Sept. 21.

CLASS 15

Fuel, Liquid. J. V. Christie. 502,241, Sept. 21; Serial No. 512,766, published May 25, 1948.
Greases, Launching. Fiske Brothers Refining Co. 502,310, Sept. 21; Serial No. 529,448, published June 22, 1948.
Kerosene, Deodorized. Pennsylvania Refining Company. 348,947, Aug. 17, 1937. Republished Sept. 21.
Oil, gasoline, lubricating oil, and greases, Motor-lubricating. Northland Oil Company. 223,223, renewed Jan. 18, 1947. O. G. Sept. 21.
Oils and greases, Motor-lubricating. Nourse Oil Company. 279,339, Jan. 13, 1931. Republished Sept. 21.
Oils, cutting compound, etc., Lubricating. Pure Oil Company. 502,269, Sept. 21; Serial No. 527,283, published June 22, 1948.
Oils, Lubricating. Atlantic Refining Company. 502,242, Sept. 21; Serial No. 512,816, published May 11, 1948.
Oils, Motor. Pennsylvania Refining Company. 241,471, May 1, 1928. Republished Sept. 21.
Oils, rust preventative and preservative oils, Lubricating. Pure Oil Company. 502,268, Sept. 21; Serial No. 527,280, published June 22, 1948.

CLASS 16

Enamel, Shellac. Wm. Zinsser & Co. Inc. 239,060, Feb. 21, 1928. Republished Sept. 21.
Enamel, Stovepipe paint, asphalt roof paint. Rutland Fire Clay Co. 166,201, Mar. 27, 1923. Republished Sept. 21.
Flatting agents. Interchemical Corporation. 440,719, Sept. 21; Serial No. 516,899, published May 25, 1948.
Polish, Furniture. C. M. Kimball Co. 203,402–3, Sept. 15, 1925. Republished Sept. 21.

CLASS 17

Cigarettes and chewing tobacco. P. Lorillard Company. 502,393, Sept. 21; Serial No. 536,925, published June 29, 1948.
Cigarettes and smoking tobacco. Peper, Christian Tobacco Company. 432,256, Aug. 26, 1947. Republished Sept. 21.
Cigars. The Fair. 502,387, Sept. 21; Serial No. 536,369, published June 29, 1948.
Cigars and smoking and chewing tobacco. John Hudson Moore, Inc. 502,239, Sept. 21; Serial No. 512,077, published June 29, 1948.
Cigars, little cigars, and cheroots. Medalist Co., Inc. 502,327, Sept. 21; Serial No. 530,665, published June 29, 1948.
Smoking tobacco. Penn Tobacco Company. 502,404, Sept. 21; Serial No. 539,751, published June 29, 1948.

CLASS 19

Brake drums. Christiana Machine Company. 343,555, Feb. 23, 1937. Republished Sept. 21.
Brake linings, Asbestos, asbestos brake blocks, asbestos clutch facings, etc. Asbestos Manufacturing Company. 227,361, May 3, 1927. Republished Sept. 21.
Casters, Truck. Bond Foundry and Machine Company. 196,094, Mar. 10, 1925. Republished Sept. 21.
Casters, Truck. Bond Foundry and Machine Company. 314,283, June 26, 1934. Republished Sept. 21.
Seat covers for motor vehicles. Western Auto Supply Company. 419,361, Feb. 12, 1946. Republished Sept. 21.
Trucks and passenger automobiles, automobile wheels, radiators, etc. Adolph Saurer, Inc. 210,390, Mar. 16, 1926. Republished Sept. 21.
Trucks, Hand. Bond Foundry and Machine Company. 421,830, June 18, 1946. Republished Sept. 21.

CLASS 21

Batteries and primary batteries or dry cells and parts thereof, etc., Secondary or storage. Willard Storage Battery Company. 502,333, Sept. 21; Serial No. 530,881, published June 22, 1948.
Camera and portable radio receiving set, Combined. Minerva Corporation of America. 440,703, Sept. 21; Serial No. 510,968, published June 15, 1948.
Connectors, Electrical. Reliable Electric Company. 502,276, Sept. 21; Serial No. 527,557, published May 18, 1948.
Controllers, Electric. Electric Controller & Manufacturing Company. 502,324, Sept. 21; Serial No. 530,483, published June 8, 1948.
Electrical and electronic apparatus. Globe-Union Inc. 502,313, Sept. 21; Serial No. 529,635, published June 15, 1948.
Electrical apparatus, machines, and supplies. Ohio Brass Company. 502,297, Sept. 21; Serial No. 528,813, published June 8, 1948.
Electrical starting, lighting, and ignition. Delco-Remy Corporation. 246,572, renewed Sept. 11, 1948. O. G. Sept. 21.
Electrical wire, cable and conductors, both insulated and uninsulated. Crescent Insulated Wire and Cable Co., Inc. 344,512, Mar. 30, 1937. Republished Sept. 21.
Floor lamps, chair-lamps, torchères, Electrically-lighted, etc. Art Lamp Mfg. Co. 132,881, July 6, 1920. Republished Sept. 21.
Interphone communication apparatus for aircraft. Myers-Williams, Inc. 502,360, Sept. 21; Serial No. 532,857, published June 8, 1948.
Irons, Electric. Hoover Company. 502,428, Sept. 21; Serial No. 527,228.
Lamps, electric horns, electric stop signals, etc., Electric. E. A. Laboratories, Inc. 502,348, Sept. 21; Serial No. 531,686, published June 1, 1948.
Lamp holders, Electric. Stone Manufacturing Co. 502,362, Sept. 21; Serial No. 532,881, published June 8.
Loud speakers. Jensen Radio Manufacturing Company. 394,905–6, May 5, 1942. Republished Sept. 21.
Loud speakers, Radio. Jensen Radio Manufacturing Company. 288,872, Nov. 10, 1931. Republished Sept. 21.
Motors, Electric. Robbins & Myers, Inc. 502,228, Sept. 21; Serial No. 495,909, published June 1, 1948.
Phonographs, Electrical. Waters Conley Company. 502,358, Sept. 21; Serial No. 532,776, published June 15, 1948.
Radio receiving sets and radio phonograph combinations. Allied Stores Corporation. 430,272, June 10, 1947. Republished Sept. 21.
Radio receiving sets and radio phonographs. Howard Radio Co. 502,260, Sept. 21; Serial No. 526,508, published June 22, 1948.
Radio receiving sets, electric phonographs and combinations thereof. Universal Camera Corporation. 440,685, Sept. 21; Serial No. 498,955, published May 13, 1947.
Sheaths for electric cables, Metal. Okonite-Callender Cable Company, Incorporated. 502,322, Sept. 21; Serial No. 530,115, published June 22, 1948.
Sound recording wire, Electrical. National-Standard Company. 502,250, Sept. 21; Serial No. 518,312, published June 15, 1948.
Talking machines and parts thereof, Electrical. Zenith Radio Corporation. 440,742, Sept. 21; Serial No. 525,740, published June 8, 1948.
Tone arms, Pick-up. Webster Electric Company. 502,339, Sept. 21; Serial No. 531,168, published June 8, 1948.

CLASS 22

Fish lures. James Heddon's Sons. 502,377–8, Sept. 21; Serial Nos. 534,130–1, published May 11, 1948.
Fishing lures and plugs, Artificial. R. B. Pond. 440,721, Sept. 21; Serial No. 517,866, published Nov. 18, 1947.
Golf clubs and golf balls. Western Auto Supply Company. 377,971, May 21, 1940. Repbulished Sept. 21.
Tennis rackets. C. L. Godfrey. 440,752, Sept. 21; Serial No. 512,665.

CLASS 23

Apparatus for mechanically cooling roasted coffee and other materials. Jabez Burns & Sons, Inc. 275,169, Sept. 16, 1930. Republished Sept. 21.
Apparatus for the treatment of solids suspended in liquids. Dorr Company, Inc. 328,835, Oct. 8, 1935. Republished Sept. 21.
Apparatus for the treatment of solids suspended in liquids. Dorr Company, Inc. 343,664, Mar. 2, 1937. Republished Sept. 21.
Carving sets and knives. Cattaraugus Cutlery Company. 385,884, Mar. 18, 1941. Republished Sept. 21.

Cast rolls of ferrous metal, Finished. Mackintosh-Hemphill Company. 440,689, Sept. 21; Serial No. 501,257, published June 1, 1948.
Crushers, shredders, breakers, etc. Gruendler Patent Crushers and Pulverizer Company. 240,680, Apr. 3, 1928. Republished Sept. 21.
Cutlery. Cattaraugus Cutlery Co. 111,660, July 25, 1916. Republished Sept. 21.
Cutlery of base metal, Household. Cattaraugus Cutlery Company. 367,396, May 16, 1939. Republished Sept. 21.
Drills and socket wrenches, Twist. L. T. Derr. 440,688, Sept. 21; Serial No. 501,170, published June 22, 1948.
Files and rasps. Nicholson File Company. 249,815, renewed Nov. 20, 1948. O. G. Sept. 21.
Filtermass washers, filter sterilizing apparatus, filtermass breakers, etc. Enzinger Union Corporation. 502,289, Sept. 21; Serial No. 528,267, published June 22, 1948.
Fire extinguishers and combination hand fire extinguisher and tire inflator, Hand. Taylor Engineering Company, Inc. 502,294, Sept. 21; Serial No. 528,655, published June 1, 1948.
Fire-extinguishing devices and supplies. New England Fire Appliance Co. 225,331, renewed Mar. 15, 1947. O. G. Sept. 21.
Gasoline pumping apparatus, Non-measuring. V. M. Harman. 440,750, Sept. 21; Serial No. 491,092.
Gears, Automobile transmission. Mack Manufacturing Corporation. 440,679, Sept. 21; Serial No. 488,912, published May 25, 1948.
Hoists, hydraulic wagon jacks, hydraulic sweep rakes and stackers, etc. Hydraulic wagon and trailer. P. S. McFord. 440,725, Sept. 21; Serial No. 519,477; published June 22, 1948.
Jigs and fixtures, Component parts of. Noble & Stanton, Inc. 440,697, Sept. 21; Serial No. 509,236, published July 6, 1948.
Kitchenware and tableware. T. S. Higginbotham, III. 440,683, Sept. 21; Serial No. 493,773, published June 15, 1948.
Kits, Repair. Anchor Rubber Products, Inc. 440,680, Sept. 21; Serial No. 489,896, published June 1, 1948.
Knife. Cattaraugus Cutlery Company. 327,764, Sept. 3, 1935. Republished Sept. 21.
Knife, Pocket. Cattaraugus Cutlery Company. 296,295, Aug. 2, 1932. Republished Sept. 21.
Knife, Sheath. Cattaraugus Cutlery Co. 209,517, Feb. 23, 1926. Republished Sept. 21.
Knives, Butcher, skinning, sticking, boning and steak. Cattaraugus Cutlery Company. 17,700, Mar. 25, 1890. Republished Sept. 21.
Loom pickers, check straps. Charles Bond Company. 198,619, May 19, 1925. Republished Sept. 21.
Loom sundries, etc., Leathered. Charles Bond Company. 199,796, June 16, 1925. Republished Sept. 21.
Lubricant tank and nonmeasuring pump, Combined. Bennett Pumps Corporation. 250,675, renewed Dec. 11, 1948. O. G. Sept. 21.
Lubricators. Lunkenheimer Company. 440,743–4; Sept. 21; Serial Nos. 525,892–3, published June 1, 1948.
Machine for spraying paints, colours and varnish. Connor Patents Limited. 440,704, Sept. 21; Serial No. 511,056, published June 1, 1948.
Machine, Power operated. E. L. Coddington. 430,314, June 10, 1947. Republished Sept. 21.
Machine, Power operated. Western Machine Tool Works. 440,730–31, Sept. 21; Serial Nos. 520,843–4, published June 22, 1948.
Machine tools. Consolidated Machine Tool Corporation. 502,272, Sept. 21; Serial No. 527,450, published June 1, 1948.
Machinery for the use of bakers and confectioners. Union Confectionery Machinery Co., Inc. 228,679–80, June 7, 1927. Republished Sept. 21.
Machines for grinding, cracking, or otherwise treating coffee and other materials. Jabez Burns & Sons, Inc. 399,839, Feb. 2, 1943. Republished Sept. 21.
Metal-working machinery. Consolidated Machine Tool Corporation. 502,273, Sept. 21; Serial No. 527,451, published June 1, 1948.
Milking-machine. Pine Tree Milking Machine Company. 122,816, Sept. 17, 1918. Republished Sept. 21.
Mill machinery and roasters for coffee, Coffee and spice. Jabez Burns & Sons. 73,447, Apr. 20, 1909. Republished Sept. 21.
Packaging machinery. J. L. Ferguson Company. 275,550, Sept. 23, 1930. Republished Sept. 21.
Pea shellers, kitchen shears, jar openers, etc. G. N. Coughlan Co. 362,669, Nov. 29, 1938. Republished Sept. 21.
Penknives, jackknives, kitchen-knives, etc. Cattaraugus Cutlery Co. 139,499, Feb. 8, 1921. Republished Sept. 21.
Piston pins, power transmission clutches and parts thereof. Burgess-Norton Mfg. Co. 266,674, Jan. 28, 1930. Republished Sept. 21.
Plows, plow shares, and plow parts. Minneapolis-Moline Power Implement Company. 502,291, Sept. 21; Serial No. 528,355, published June 1, 1948.
Pocket-knives and hunting knives. Cattaraugus Cutlery Company. 277,075, Nov. 4, 1930. Republished Sept. 21.
Pocket-knives, table knives and forks, etc. Cattaraugus Cutlery Company. 63,389, June 18, 1907. Republished Sept. 21.

Pocket-knives, table knives and forks, shears, etc. Cattaraugus Cutlery Co. 72,060, re-renewed Dec. 29, 1948. O. G. Sept. 21.
Power shovels and mucking machines, Electric. Goodman Manufacturing Company. 502,270, Sept. 21; Serial No. 527,347, published June 22, 1948.
Printing devices for use in addressing and similar machines. Addressograph-Multigraph Corporation. 399,318, Dec. 29, 1942. Republished Sept. 21.
Printing presses, form holders, type locking devices, etc. American Multigraph Sales Company. 92,385, July 8, 1913. Republished Sept. 21.
Pulp presses, Motor driven, screw-type, extrusion. Jackson & Church Company. 502,296, Sept. 21; Serial No. 528,798, published June 22, 1948.
Pumps. Ruthman Machinery Company. 440,740, Sept. 21; Serial No. 525,272, published June 22, 1948.
Razors. Cattaraugus Cutlery Co. 95,599, Mar. 3, 1914. Republished Sept. 21.
Razors. Curvfit Razor Company, Inc. 205,305, Nov. 3, 1925. Corrected. O. G. Sept. 21.
Rocking devices for automobiles. Moto-Sway Corporation of America. 321,389, Jan. 29, 1935. Republished Sept. 21.
Roller bearings, Ball and tapered. Leterstone Sales Company. 502,305, Sept. 21; Serial No. 529,179, published June 22, 1948.
Screw drivers, socket and other open ended wrenches and pliers. Park Metalware Company, Inc. 502,227, Sept. 21; Serial No. 495,816, published June 1, 1948.
Shaft couplings. Charles Bond Company. 261,043, Sept. 3, 1929. Republished Sept. 21.
Shaft couplings. Charles Bond Company. 261,105, Sept. 3, 1929. Republished Sept. 21.
Shaft couplings. Bond Foundry and Machine Company. 79,400, Sept. 6, 1910. Republished Sept. 21.
Shavers, Electric. Eastern Shaver Service Co. 440,713, Sept. 21; Serial No. 515,488, published June 22, 1948.
Sprayers, Hand. Standard Oil Company of California. 440,691, Sept. 21; Serial No. 505,989, published June 22, 1948.
Spraying machines, Compressed-air. De Vilbiss Manufacturing Co. 166,404, Apr. 3, 1923. Republished Sept. 21.
Support and aligner, Combined. Reynolds & Reynolds Company. 440,705, Sept. 21; Serial No. 511,833, published June 22, 1948.
Taps and dies. Winters Brothers Company. 431,234, July 15, 1947. Republished Sept. 21.
Tool kits. Park Metalware Company, Inc. 502,229, Sept. 21; Serial No. 496,460, published June 22, 1948.
Tractors. Heinz and Munschauer. 502,409, Sept. 21; Serial No. 545,323, published June 22, 1948.
Wheels for supporting endless abrasive bands or belts. Columbian Rope Company. 440,711, Sept. 21; Serial No. 514,690, published June 8, 1948.
Winches and accessories. A. W. Evans. 440,706, Sept. 21; Serial No. 512,830, published June 8, 1948.

CLASS 24

Dry cleaning equipment. Wool-O-Matic Manufacturing Co. 440,699, Sept. 21; Serial No. 509,902, published June 29, 1948.
Laundry equipment. General Motors Corporation. 502,399, Sept. 21; Serial No. 537,999, published June 29, 1948.
Washers and ironers, Power driven mechanical. Western Auto Supply Company. 425,528, Nov. 26, 1946. Republished Sept. 21.
Washers, Electric laundry. Chicago Electric Manufacturing Company. 502,309, Sept. 21; Serial No. 529,366, published June 29, 1948.
Washers, Electric laundry. Chicago Electric Manufacturing Company. 502,312, Sept. 21; Serial No. 529,600, published June 29, 1948.
Washing machines, sad irons, clothes sprinklers, etc., Laundry. Oakes & Company. 502,406, Sept. 21; Serial No. 540,559, published June 29, 1948.

CLASS 26

Binoculars, field and marine glasses, etc. Sussfeld, Lorsch & Schimmel. 221,815, renewed Dec. 14, 1946. O. G. Sept. 21.
Lenses, Titmus Optical Company, Inc. 374,098, Jan. 2, 1940. Republished Sept. 21.
Lenses, Optical. Titmus Optical Company, Inc. 148,546, Nov. 15, 1921. Republished Sept. 21.
Lenses, Optical. Titmus Optical Company, Inc. 247,106, Sept. 18, 1928. Republished Sept. 21.
Lenses, Optical. Titmus Optical Company, Inc. 289,134, Nov. 17, 1931. Republished Sept. 21.
Measuring devices, Electrical. National Aluminate Corporation. 338,821, Sept. 15, 1936. Republished Sept. 21.

CLASS 27

Clocks. Seth-Thomas Clock Company. 68,894, re-renewed May 5, 1948. O. G. Sept. 21.
Watches, parts of watches, and watchcases. A. Wittnauer Co. 65,109, re-renewed Sept. 10, 1947. O. G. Sept. 21.

CLASS 28

Bands and bracelets, Wrist watch. M. F. G. Watch Band Company, Inc. 502,350, Sept. 21; Serial No. 532,038, published June 8, 1948.
Bracelets. Bulova Watch Company, Inc. 288,966, Nov. 10, 1931. Republished Sept. 21.
Bracelets and watch bracelets. Gemex Company. 502,413, Sept. 21; Serial No. 547,885, published June 8, 1948.
Chains. Briggs, Bates & Bacon Company. 502,352, Sept. 21; Serial No. 532,268, published June 8, 1948.
Clasps and fasteners, Necklace. Harry C. Schick, Inc. 167,785, May 8, 1923. Republished Sept. 21.
Clasps and snaps and other articles of jewelry, Necklace. Harry C. Schick, Inc. 369,134, July 18, 1939. Republished Sept. 21.
Compacts and cigarette cases. Volupté, Inc. 502,329, Sept. 21; Serial No. 530,688, published June 8, 1948.
Cuff buttons. J. F. Sturdy's Sons Company. 502,394, Sept. 21; Serial No. 537,096, published June 8, 1948.
Flatware and holloware, Sterling silver. Watson Company. 502,259, Sept. 21; Serial No. 524,923, published June 1, 1948.
Jewelry. Colonial Mfg. Co., Inc. 431,973, Aug. 12, 1947. Republished Sept. 21.
Jewelry. A. Micallef & Company. 327,332, Aug. 20, 1935. Republished Sept. 21.
Jewelry. Samuel Platzer Co., Inc. 502,369, Sept. 21; Serial No. 533,370, published June 8, 1948.
Jewelry. Williams and Anderson Company. 313,905, June 12, 1934. Republished Sept 21.
Jewelry and bracelets, Costume. M. E. Mills. 502,311, Sept. 21; Serial No. 529,482, published June 8, 1948.
Rings, platinum diamond finger rings, and gold and platinum diamond finger rings, Gold diamond finger. Shiman Bros. & Co., Inc. 502,364, Sept. 21; Serial No. 532,963, published June 8, 1948.
Tableware, Silverplated flat. Oneida Ltd. 502,331, Sept. 21; Serial No. 530,836, published May 25, 1948.

CLASS 29

Pea shellers, kitchen shears, jar openers, etc. G. N. Coughlan Co. 362,669, Nov. 29, 1938. Republished Sept. 21.

CLASS 30

Porcelain, china, and earthenware articles. H. A. Kähler. 440,686, Sept. 21; Serial No. 500,665, published June 15, 1948.
Pottery. James Towne Colony Pottery. 440,709, Sept. 21; Serial No. 513,427, published June 15, 1948.

CLASS 31

Base-exchanging minerals. National Aluminate Corporation. 339,491, Oct. 13, 1936. Republished Sept. 21.
Freezers, Ice cream. North Brothers Manufacturing Company. 432,694, Sept. 9, 1947. Republished Sept. 21.
Refrigerators and home freezers. Allied Stores Corporation. 423,606, Sept. 3, 1946. Republished Sept. 21.

CLASS 32

Chairs, Upholstered. Oscar Reinhold Factories Inc. 440,693, Sept. 21; Serial No. 506,835, published June 22, 1948.
Covering, Furniture edge. F. J. Higbee. 440,736, Sept. 21; Serial No. 524,461, published May 18, 1948.
Furniture, Kitchen. United Furniture Stores. 502,271, Sept. 21; Serial No. 527,400, published May 25, 1948.
Furniture, Metallic. National Manufacturing Corporation. 440,695, Sept. 21; Serial No. 507,269, published June 22, 1948.
Mirrors. Louisville Plate Glass Company. 502,326, Sept. 21; Serial No. 530,533, published June 22, 1948.
Supporter, Baby. Wallace-Davis Manufacturing Company. 440,723, Sept. 21; Serial No. 518,262, published June 15, 1948.
Traveling stool attached to a barber chair for movement about same. R. J. Littlejohn. 502,368, Sept. 21; Serial No. 533,329, published June 8, 1948.
Venetian blinds and parts thereof. Vanity Fair Venetian Blinds, Inc. 502,346, Sept. 21; Serial No. 531,555, published June 8, 1948.

CLASS 33

Bottles, glass vials, glass dinnerware, etc. Glass. Brooks Brothers. 502,341, Sept. 21; Serial No. 531,309, published June 1, 1948.
Glass, Ornamental sheet. R. C. Almy. 440,728, Sept. 21; Serial No. 520,789, published June 15, 1948.
Tumblers, Glass. Albert Pick & Company. 220,558, Nov. 9, 1926. Republished Sept. 21.

CLASS 34

Control louvers, Air flow. Barber-Colman Company. 502,395, Sept. 21; Serial No. 537,403, published June 8, 1948.
Furnaces, Fluid burning. Petro-Chem Development Company. 401,526, May 25, 1943. Republished Sept. 21.
Heaters of the heat exchanger type, Indirect water. Bell & Gossett Company. 502,234, Sept. 21; Serial No. 509,134, published June 8, 1948.
Hot plates, Gas burning. Anco Manufacturing & Supply Company. 502,384, Sept. 21; Serial No. 535,780, published June 1, 1948.
Lamps, carbide cap lamps, carbide hand lamps, Safety. Wolf Safety Lamp Co. of America, Inc. 190,984, Oct. 28, 1924. Republished Sept. 21.
Oil burners, Conversion. Heil Co. 502,398, Sept. 21; Serial No. 537,765, published June 8, 1948.
Oil burners, High pressure atomizing gun type. General Machine Company, Inc. 502,249, Sept. 21; Serial No. 517,410, published May 18, 1948.
Parts for industrial furnaces, Metal. M. H. Detrick Company. 502,279, Sept. 21; Serial No. 527,860, published June 8, 1948.
Ranges and cooking stoves, Coal, wood, oil, and gas, and combinations thereof. Knox Stove Works. 502,252, Sept. 21; Serial No. 518,536, published June 8, 1948.
Stoves and oil heaters, Oil. A. B. C. Sheet Metal Co., Inc. 440,749, Sept. 21; Serial No. 475,744.
Stoves, Oil, coal, and wood burning heating. Knox Stove Works. 502,251, Sept. 21; Serial No. 518,535, published June 8, 1948.
Stoves, ranges, and heating furnaces, Heating and cooking. Allied Stores Corporation. 351,534, Nov. 2, 1937. Republished Sept. 21.
Tubing, Flanged. Calumet and Hecla Consolidated Copper Company. 418,091, Dec. 4, 1945. Republished Sept. 21.
Water heating tanks, vats, and deep fat fryers, Gas-fired. Pickwick Company. 502,267, Sept. 21; Serial No. 527,165, published June 8, 1948.
Wicks for liquid fuel burners. Union Asbestos & Rubber Co. 502,386, Sept. 21; Serial No. 535,905, published June 8, 1948.

CLASS 35

Asbestos brake linings, asbestos brake blocks, asbestos clutch facings, etc. Asbestos Manufacturing Company. 227,361, May 3, 1927. Republished Sept. 21.
Belting, Flat and round. Charles Bond Company. 199,418, June 9, 1925. Republished Sept. 21.
Belting, Flat and round leather. Charles Bond Company. 171,509, Aug. 7, 1923. Republished Sept. 21.
Belting, Flat and round leather. Charles Bond Company. 191,200, Nov. 4, 1924. Republished Sept. 21.
Belts and hose, Enybestos-Manhattan, Inc. 502,317, Sept. 21; Serial No. 529,930, published June 8, 1948.
Fabric cups. Darling Valve & Manufacturing Company. 390,719, Sept. 30, 1941. Republished Sept. 21.
Packing for stuffing boxes, Greene, Tweed & Co. 253,531–2, Feb. 26, 1929. Republished Sept. 21.
Packing for wearing and bearing parts of machinery. Greene, Tweed & Co. 315,529, July 31, 1934. Republished Sept. 21.
Packings for wearing and bearing parts of machinery and mechanical devices. Greene, Tweed & Co. 197,614, Apr. 21, 1925. Republished Sept. 21.
Tires and inner tubes therefor. Kelly-Springfield Tire Company. 502,355, Sept. 21; Serial No. 532,608, published June 8, 1948.
Tires and inner tubes therefor and for rubber repair patches. Kelly-Springfield Tire Company. 502,356, Sept. 21; Serial No. 532,609, published June 8, 1948.
Tires, Pneumatic. Pennsylvania Rubber Company. 502,434, Sept. 21; Serial No. 532,055.
Treads, Tire. Paul E. Hawkinson Company. 502,432, Sept. 21; Serial No. 531,036.
Washers for faucets, Rubber. Kirkhill Rubber Co. 282,191, Apr. 14, 1931. Republished Sept. 21.

CLASS 36

Cymbals. Fred. Gretsch Mfg. Co. 245,846, Aug. 21, 1928. Republished Sept. 21.
Drums, banjos, and guitars. Fred. Gretsch Mfg. Co. 347,503, June 29, 1937. Republished Sept. 21.
Drums, cornets, trumpets, etc. Fred. Gretsch Mfg. Co. 328,377, Sept. 24, 1935. Republished Sept. 21.
Harmonicas. Harmonic Reed Corporation. 502,381, Sept. 21; Serial No. 534,530, published June 29, 1948.
Harmonicas. Wm. Kratt Co. 502,392, Sept. 21; Serial No. 536,824, published June 29, 1948.
Metal balls. S K F Industries, Inc. 502,300, Sept. 21; Serial No. 529,090, published June 29, 1948.
Metal balls. S K F Industries, Inc. 502,301, Sept. 21; Serial No. 529,095, published June 29, 1948.
Musical instruments. Fred. Gretsch Mfg. Co. 187,744, Aug. 12, 1924. Republished Sept. 21.
Phonograph needles. A & B Sales Corporation. 440,707, Sept. 21; Serial No. 513,092, published Sept. 16, 1947.
Pianos. Kohler & Campbell, Inc. 502,389–91, Sept. 21; Serial Nos. 536,699–701, published June 29, 1948.
Violin-strings, accordions, concertinas, etc. Fred. Gretsch Mfg. Co. 104,146, May 4, 1915. Republished Sept. 21.

CLASS 37

Binders, Permanent and loose-leaf mechanical, etc. Cercla Co. 338,238, Sept. 1, 1936. Republished Sept. 21.
Cardboard, calendar board, boxboard, etc. Beveridge Paper Company. 502,334, Sept. 21; Serial No. 531,015, published June 22, 1948.
Crayon, Drawing. Binney & Smith Company. 502,429, Sept. 21; Serial No. 528,109.

Envelopes, Correspondence and mailing. Western Tablet & Stationery Corporation. 440,747, Sept. 21; Serial No. 526,108, published June 8, 1948.
Envelopes, Correspondence, mailing, and filing. Curtis 1000 Inc. 350,220, Sept. 21. Republished Sept. 21.
Envelopes, letter paper, including letterheads, blank books, binders, etc. Curtis 1000 Inc. 185,008, June 3, 1924. Republished Sept. 21.
Envelopes, Mailing and catalog. Curtis 1000 Inc. 342,493, Jan. 19, 1937. Republished Sept. 21.
Erasers. Rosenthal Company. 502,320, Sept. 21; Serial No. 530,027, published June 8, 1948.
Napkins, Paper. Comfort Paper Corporation. 502,243, Sept. 21; Serial No. 513,158, published June 22, 1948.
Napkins, Paper. Independent Paper Mills, Inc. 245,176, renewed Aug. 7, 1948. O. G. Sept. 21.
Notebooks of the loose leaf ring binder type and pencil cases. Talon, Inc. 502,284, Sept. 21; Serial No. 527,923, published June 22, 1948.
Paper. Ditto, Incorporated. 250,843, renewed Dec. 18, 1948. O. G. Sept. 21.
Paper. Howard Paper Mills, Inc. 502,319, Sept. 21; Serial No. 529,992, published June 22, 1948.
Paper and coated sulphite paper, Coated book. Consolidated Water Power & Paper Company. 502,266, Sept. 21; Serial No. 527,150, published June 22, 1948.
Paper, Bond. Gilbert Paper Company. 502,431, Sept. 21; Serial No. 528,918.
Paper, Corrugated. Ajax Box Company. 502,430, Sept. 21; Serial No. 528,598.
Paper manufactured for use in the construction of cartons, etc. S. D. Warren Company. 502,407, Sept. 21; Serial No. 542,734, published June 22, 1948.
Paper, Writing and wrapping. Hollingsworth & Whitney Company. 72,536, Feb. 2, 1909. Republished Sept. 21.
Paper, Writing and wrapping. Hollingsworth & Whitney Company. 80,123, Nov. 8, 1910. Republished Sept. 21.
Papers, Writing and wrapping. Whitaker Paper Company. 126,501, Aug. 26, 1919. Republished Sept. 21.
Pens, Stylographic. Universal Fountain Pen & Pencil Co. 416,871, Oct. 2, 1945. Republished Sept. 21.
Planographic plates of treated paper. Addressograph-Multigraph Corporation. 397,689, Sept. 15, 1942. Republished Sept. 21.
Stationery, Articles of. Defiance Sales Corporation. 199,596, June 16, 1925. Republished Sept. 21.
Tablets, and correspondence and mailing envelopes, Paper. Western Tablet & Stationery Corporation. 440,746, Sept. 21; Serial No. 526,107, published June 8, 1948.
Tablets, and correspondence and mailing envelopes, Paper. Western Tablet & Stationery Corporation. 440,748, Sept. 21; Serial No. 526,135, published June 8, 1948.
Tablets, loose writing paper, Paper. Western Tablet & Stationery Corporation. 440,745, Sept. 21; Serial No. 526,098, published June 8, 1948.
Tissue paper generally. Brittains, Limited. 227,549, May 10, 1927. Republished Sept. 21.
Tissue papers. Brittains Limited. 298,882, Nov. 8, 1932. Republished Sept. 21.
Toilet tissue. San-Nap-Pak Mfg. Company, Inc. 364,983, Feb. 21, 1939. Republished Sept. 21.
Trays. Zephyr American Corporation. 502,366, Sept. 21; Serial No. 533,221, published June 8, 1948.
Wall paper. Louisville Wall Paper Co. Inc. 345,093, Apr. 13, 1937. Republished Sept. 21.
Wallpaper. Prager Co., Inc. 502,328, Sept. 21; Serial No. 530,679, published June 8, 1948.
Wrapping paper and paper wrappers. Protective Packaging Corporation. 416,748, Sept. 25, 1945. Republished Sept. 21.

CLASS 38

Cartoons, Series of. Bosco Company, Inc. 432,530, Sept. 2, 1947. Republished Sept. 21.
House organ, Printed. Truesdail Laboratories, Inc. 380,060, Aug. 6, 1940. Republished Sept. 21.
Labels of cotton and silk, Woven. J & J Cash, Inc. 246,025, renewed Aug. 28, 1948. O. G. Sept. 21.
Periodical. Motor Registration News of California. 243,081, renewed June 12, 1948. O. G. Sept. 21.
Periodical. National Wool Growers Association. 243,654, renewed June 26, 1948. O. G. Sept. 21.
Periodicals issued at regular intervals. Purchasing Agents' Association of Northern California, Incorporated. 245,683, renewed Aug. 21, 1948. O. G. Sept. 21.
Prints, Photographic. Flying Film Company, Inc. 310,983, Mar. 13, 1934. Republished Sept. 21.
Prints, Photographic. C. D. Newton. 222,662, Jan. 4, 1927. Republished Sept. 21.
Prints, Photographic. C. D. Newton. 280,398, Feb. 17, 1931. Republished Sept. 21.
Publication, Monthly. American Association of Port Authorities. 369,043, July 11, 1939. Republished Sept. 21.
Publication, Monthly. Nehi Corporation. 432,874, Sept. 16, 1947. Republished Sept. 21.
Publication, Periodical. Buescher Band Instrument Co. 239,420, Mar. 6, 1928. Republished Sept. 21.
Publications issued monthly. Eye-Catchers, Inc. 367,161, May 9, 1939. Republished Sept. 21.
Publications, Periodical. Bureau of National Affairs, Inc. 502,425, Sept. 21; Serial No. 521,056.

CLASS 39

Apron, Workman's. Baltimore Hardware Company. 502,295, Sept. 21; Serial No. 528,684, published June 1, 1948.
Bib-overalls, waist-overalls, and coveralls. Sweet-Orr & Co., Inc. 502,335, Sept. 21; Serial No. 531,052, published June 8, 1948.
Boots and shoes. French, Shriner & Urner Manufacturing Co. 368,051, June 6, 1939. Republished Sept. 21.
Boots and shoes, Leather. Brockton Co-operative Boot & Shoe Co. 68,167, Mar. 10, 1908. Republished Sept. 21.
Boots and shoes, Men's and women's. Ault-Williamson Shoe Co. 156,171, June 20, 1922. Republished Sept. 21.
Boots and shoes, Rubber. La Crosse Rubber Mills Co. 168,262, May 15, 1923. Republished Sept. 21.
Boots and shoes, Rubber. La Crosse Rubber Mills Co. 170,087, July 10, 1923. Republished Sept. 21.
Breeches and leggings; men's and boys' trousers and pants, Men's, boys', women's, and children's. Drybak Corporation. 243,341, June 19, 1928. Republished Sept. 21.
Breeches, coats, etc., Knee or full length and lace or button bottom. Lewis M. Weed Co., Inc. 193,754, Jan. 6, 1925. Republished Sept. 21.
Clothing, Men's. Allied Stores Corporation. 356,057, Apr. 12, 1938. Republished Sept. 21.
Clothing, Men's. Cohn-Goldwater Mfg. Co. 225,768, Mar. 22, 1927. Republished Sept. 21.
Clothing or outer clothing for men or women, Work. Cohn-Goldwater Mfg. Co. 213,560, June 1, 1926. Republished Sept. 21.
Coats, Ladies'. Donnybrook Coat Co., Inc. 333,759, Apr. 7, 1936. Republished Sept. 21.
Coats, Ladies. Donnybrook Coat Co., Inc. 333,972, Apr. 14, 1936. Republished Sept. 21.
Coats, suits, jackets, and shirts, Ladies'. M. Silbert & Son, Ltd. 421,336, May 28, 1946. Republished Sept. 21.
Diapers, Infants' sleeping robes, training panties, etc. Allied Stores Corporation. 374,191, Jan. 2, 1940. Republished Sept. 21.
Dress suits, tuxedo suits, full dress suits, etc., Men's. J. David. 173,792, Oct. 2, 1923. Republished Sept. 21.
Dresses and frocks, Infants' and children's. L. Gidding & Co. Inc. 309,571, Jan. 23, 1934. Republished Sept. 21.
Dresses and smocks, uniforms and slips, etc., Ladies' and children's. Press Brothers Dress Corporation. 339,626, Oct. 13, 1936. Republished Sept. 21.
Dresses, smocks, and hoover aprons, etc., Women's and misses'. W. Kotkes & Son. 296,139, July 26, 1932. Republished Sept. 21.
Dresses, Women's and misses'. Henry Gans, Inc. 353,006, Dec. 21, 1937. Republished Sept. 21.
Footwear. Mishawaka Rubber and Woolen Manufacturing Company. 502,314, Sept. 21; Serial No. 529,673, published June 8, 1948.
Footwear. Valley Shoe Corporation. 276,532, Oct. 21, 1930. Republished Sept. 21.
Gloves, Ladies' leather. Superb Glove Company. 356,089, Apr. 12, 1938. Republished Sept. 21.
Gloves, Ladies' leather. Superb Glove Company. 440,739, Sept. 21; Serial No. 525,043, published Dec. 23, 1947.
Gloves, Men's and ladies' dress and street. Superb Glove Company. 351,911, Nov. 16, 1937. Republished Sept. 21.
Gloves of leather, fabric, and/or combinations thereof, Women's and misses'. I. Miller & Sons, Inc. 249,618, renewed Nov. 20, 1948. O. G. Sept. 21.
Gloves, Work. Wells Lamont Corporation. 405,159–60, Jan. 11, 1944. Republished Sept. 21.
Hats and caps of all kinds. Etchison Hat Co., Inc. 250,912, renewed Dec. 18, 1948. O. G. Sept. 21.
Hats, Men's. Byer-Rolnick Company. 386,072, Mar. 25, 1941. Republished Sept. 21.
Hats, Men's. Byer-Rolnick Company. 395,456, May 26, 1942. Republished Sept. 21.
Hats, Men's. Byer-Rolnick Company. 399,662, Jan. 26, 1943. Republished Sept. 21.
Hats, Men's. Byer-Rolnick Company. 407,209–10, May 23, 1944. Republished Sept. 21.
Hats, untrimmed, Women's felt. Henry Pollak, Inc. 285,588, July 28, 1931. Republished Sept. 21.
Heels, Rubber. Hood Rubber Company. 245,173, renewed Aug. 7, 1948. O. G. Sept. 21.
Hosiery. Alden Mills. 502,349, Sept. 21; Serial No. 531,877, published May 25, 1948.
Hosiery. Bryan Full Fashioned Mills. 502,236, Sept. 21; Serial No. 510,876, published June 1, 1948.
Hosiery. Hahn Department Stores, Inc. 285,388, July 28, 1931. Republished Sept. 21.
Hosiery. Hahn Department Stores, Inc. 289,722, Dec. 1, 1931. Republished Sept. 21.
Hosiery. Hudson Hosiery Company. 502,365, Sept. 21; Serial No. 533,025, published June 8, 1948.
Hosiery. Paramount Knitting Company. 66,340, Nov. 19, 1907. Republished Sept. 21.
Hosiery. Paramount Knitting Company. 69,087, May 19, 1908. Republished Sept. 21.
Hosiery. Shreve & Adams, Inc. 350,918, Oct. 12, 1937. Republished Sept. 21.
Hosiery. S. Silverstein. 502,361, Sept. 21; Serial No. 532,877, published June 8, 1948.

Hosiery. A. V. Victorius & Co., Inc. 237,924, renewed Jan. 24, 1948. O. G. Sept. 21.
Hosiery. Whitehead Hosiery Mills, Inc. 154,737, Apr. 18, 1922. Republished Sept. 21.
Hosiery. Wilmington Hosiery Mills, Inc. 502,436, Sept. 21; Serial No. 536,201.
Hosiery for women. Shreve & Adams, Inc. 229,651, July 5, 1927. Republished Sept. 21.
Neckties. Stern, Merritt Co. Inc. 440,708, Sept. 21; Serial No. 513,346, published June 8, 1948.
Neckties and outer shirts for men. S. Sherman. 414,533, June 12, 1945. Republished Sept. 21.
Overalls for men and boys. Belk-Stevens Company. 281,110, Mar. 10, 1931. Republished Sept. 21.
Overalls, Men's and boys'. Carwood Manufacturing Company. 440,687, Sept. 21; Serial No. 500,860, published Jan. 6, 1948.
Overalls, sunsuits and rompers. A. F. Sauer Company. 411,724, Jan. 30, 1945. Republished Sept. 21.
Pajamas. Knothe Brothers Co. Inc. 502,302, Sept. 21; Serial No. 529,166, published June 1, 1948.
Pajamas, robes, shorts, etc., Men's, women's, boys' and girls'. Knothe Brothers Co. Inc. 502,303, Sept. 21; Serial No. 529,167, published June 1, 1948.
Pajamas, robes, shorts, etc., Men's, women's, boys' and girls'. Knothe Brothers Co. Inc. 502,304, Sept. 21; Serial No. 529,174, published June 1, 1948.
Pants and jackets. Sweet-Orr & Co., Inc. 502,337, Sept. 21; Serial No. 531,057, published June 8, 1948.
Pants, bib-overalls, waist-overalls, etc. Sweet-Orr & Co., Inc. 502,336, Sept. 21; Serial No. 531,056, published June 8, 1948.
Raincoats, Children's. Spatz Bros., Inc. 440,729, Sept. 21; Serial No. 520,840, published June 8, 1948.
Raincoats, hats, scarfs, etc., Ladies' and misses'. Rainbar Togs, Inc. 502,422, Sept. 21; Serial No. 515,905.
Ready-to-wear and accessories, Women's. Hahn Department Stores, Inc. 294,039, May 17, 1932. Republished Sept. 21.
Shirts and collars, Dress and negligee. S. Liebovitz & Sons, Inc. 310,927, Mar. 13, 1934. Republished Sept. 21.
Shirts, Men's and boys' work and dress. Salant & Salant, Inc. 502,307, Sept. 21; Serial No. 529,310, published June 8, 1948.
Shirts, nightshirts, pajamas, etc., Men's, boys', and women's dress, negligee and work. Cohn-Goldwater Company. 184,979, June 3, 1924. Republished Sept. 21.
Shoe soles, half soles, heels, etc. Auburn Rubber Corporation. 502,225, Sept. 21; Serial No. 485,984, published Apr. 27, 1948.
Shoes. A. I. Caplan. 440,681, Sept. 21; Serial No. 491,702, published June 15, 1948.
Shoes. Nath'l Fisher & Co. 249,756, renewed Nov. 20, 1948. O. G. Sept. 21.
Shoes. E. J. Givren Shoe Co., Inc. 502,290, Sept. 21; Serial No. 528,270, published Apr. 27, 1948.
Shoes. Holmes, Stickney & Walker, Inc. 383,005, Nov. 19, 1940. Republished Sept. 21.
Shoes. Schiff Company. 430,552, June 17, 1947. Republished Sept. 21.
Shoes and rubbers. Powell & Campbell, Inc. 502,343, Sept. 21; Serial No. 531,372, published June 1, 1948.
Shoes, Athletic. Geo. Gillis Shoe Corp. 502,323, Sept. 21; Serial No. 530,187, published June 1, 1948.
Shoes, boots, rubbers and slippers. Powell & Campbell Inc. 502,344, Sept. 21; Serial No. 531,373, published June 1, 1948.
Shoes, Women's sport and play. Schiff Company. 414,429. June 12, 1945. Republished Sept. 21.
Shorts; dress, negligee and work shirts; sport shirts, etc Men's and boys'. Acecraft Shirts, Inc. 440,737–8, Sept 21; Serial Nos. 524,511–12, published May 25, 1948.
Socks, men's union suits, undershirts, etc. John David. 337,260, Aug. 4, 1936. Republished Sept. 21.
Sport clothing, Men's and women's. Lewis M. Weed Co., Inc. 203,016, Sept. 8, 1925. Republished Sept. 21.
Stockings, socks, and half stockings. Etablissements Gaston Verdier (Societe Anonyme). 196,284, renewed Mar. 17, 1945. O. G. Sept. 21.
Suits and overcoats, Men's. S. Schwob. 287,852, Oct. 13, 1931. Republished Sept. 21.
Suits, Boys'. Meier & Frank Co. Inc. 502,345, Sept. 21; Serial No. 531,496, published May 25, 1948.
Suits, Men's and boys'. Rosenbaum Company. 239,601, renewed Mar. 6, 1948. O. G. Sept. 21.
Suits, vests, coats, etc., Men's. John David. 194,655, Feb. 3, 1925. Republished Sept. 21.
Sweaters. Maurice Holman, Inc. 502,359, Sept. 21; Serial No. 532,852, published June 8, 1948.
Swim suits, swim trunks, sweaters, etc. Catalina, Inc. 440,716, Sept. 21; Serial No. 516,602, published June 1, 1948.
Underwear and foundation garments for women. Luxite Silk Products Co. 303,798, June 6, 1933. Republished Sept. 21.
Underwear, Knitted, netted, and textile fabric. Continental Undergarment Company. 248,868, Oct. 30, 1928. Republished Sept. 21.
Underwear, Men's and boys'. Wilson Brothers. 399,653, Jan. 26, 1943. Republished Sept. 21.
Uniforms, Maids and nurses' utility. W. Kotkes & Son. 336,103, June 23, 1936. Republished Sept. 21.
Wear, Men's and boys'. Chas. Weiner & Sons, Inc. 502,245, Sept. 21; Serial No. 516,255, published June 8, 1948.
Wearing apparel. J. Malmon & Sons Inc. 396,992, Aug. 11, 1942. Republished Sept. 21.
Wearing apparel. Men's and boys'. Cross Country Sportswear Corp. 502,421, Sept. 21; Serial No. 514,753.

CLASS 40

Combs, barrettes, fancy pins for the hair, etc. Diadem Mfg. Co. 151,737, Feb. 14, 1922. Republished Sept. 21.
Combs, Plastic. United Plastic Corporation. 502,435, Sept. 21; Serial No. 534,570.
Hair curlers, Non-electrical. C. W. Renstrom. 335,323, June 2, 1936. Republished Sept. 21.

CLASS 42

Blankets. L. B. Price Mercantile Company. 502,433, Sept. 21; Serial No. 531,712.
Blankets, Textile. Draper Brothers Company. 397,829, Sept. 22, 1942. Republished Sept. 21.
Carpets. Thermwell Products Co. Inc. 502,397, Sept. 21; Serial No. 537,634, published May 25, 1948.
Cloth pieces, Unwoven rayon. James G. Fast Company. 440,696, Sept. 21; Serial No. 509,081, published May 25, 1948.
Cloth, Window shade. Interstate Shade Cloth Company. 502,374, Sept. 21; Serial No. 533,966, published May 25, 1948.
Crib sheets and table covers of plastic film, Rubber. Empire Shield Company, Inc. 502,306, Sept. 21; Serial No. 529,242, published June 8, 1948.
Curtains, Window. House Beautiful Curtains, Inc. 502,383, Sept. 21; Serial No. 535,706, published May 25, 1948.
Curtains, Window. Kendall Company. 440,753, Sept. 21; Serial No. 518,155.
Denim in the piece. Erwin Cotton Mills Company. 384,205, Jan. 7, 1941. Republished Sept. 21.
Duck in the piece, Water resistant cotton. Martin Dyeing & Finishing Company. 346,783, June 8, 1937. Republished Sept. 21.
Duck, Water repellent and mildew resistant canvas. Martin Dyeing & Finishing Company. 364,107, Jan. 17, 1939. Republished Sept. 21.
Fabric, Gutta percha coated cotton. Acme Backing Corporation. 502,376, Sept. 21; Serial No. 534,075, published May 25, 1948.
Fabrics in the piece, Pile. E. F. Timme & Son. 502,235, Sept. 21; Serial No. 509,312, published June 8, 1948.
Fabrics in the piece, Textile. Charles Bernstein & Son. 502,400, Sept. 21; Serial No. 538,349, published June 1, 1948.
Fabrics in the piece, Textile. Kemper Fabrics Co., Inc. 502,372, Sept. 21; Serial No. 533,901, published May 25, 1948.
Fabrics in the piece, Textile. Mandee Fabrics, Inc. 502,342, Sept. 21; Serial No. 531,343, published May 25, 1948.
Fabrics in the piece, Textile. Shirley Fabrics Corp. 502,373, Sept. 21; Serial No. 533,933, published June 1, 1948.
Fabrics in the piece, Textile. Wm. Simpson Sons & Co. 502,370, Sept. 21; Serial No. 533,628, published May 25, 1948.
Fabrics in the piece, Woolen. Terhune, Yereance & Wolff, Inc. 407,488, June 6, 1944. Republished Sept. 21.
Fabrics of cotton, linen, and synthetic fibres. Gordon-Lacey Chemical Products Company, Inc. 440,714, Sept. 21; Serial No. 515,499, published June 8, 1948.
Fabrics, Woven. J. Rosenholz, Inc. 502,375, Sept. 21; Serial No. 534,058, published May 25, 1948.
Fabrics, Woven. Tobler, Ernst & Traber, Inc. 396,631, July 28, 1942. Republished Sept. 21.
Laces in the piece. Samuel Ehrman & Co., Inc. 502,379, Sept. 21; Serial No. 534,280, published May 25, 1948.
Pads, muslin crib sheets, muslin pillow cases, Quilted crib. Allied Stores Corporation. 374,190, Jan. 2, 1940. Republished Sept. 21.
Piece goods. Charmette Fabrics Co., Inc. 502,253, Sept. 21; Serial No. 519,732, published May 25, 1948.
Piece goods, gingham piece goods, wash cloths and toweling, Cotton. Cone Export and Commission Co., Inc. 502,238, Sept. 21; Serial No. 511,674, published June 8, 1948.
Piece goods of wool or cotton. Sir Jacob Behrens & Sons. 440,717, Sept. 21; Serial No. 516,758, published June 8, 1948.
Piece goods, Plain and printed textile. California Hand Prints, Inc. 502,418, Sept. 21; Serial No. 510,235.
Piece goods, Rayon. Industrial Rayon Corporation. 502,410–11, Sept. 21; Serial Nos. 546,259–60, published June 1, 1948.
Piece goods, Woolen. American Woolen Company. 502,248, Sept. 21; Serial No. 517,176, published May 25, 1948.
Piece goods, Woolen. Forstmann Woolen Co. 502,401, Sept. 21; Serial No. 538,508, published May 25, 1948.
Piece goods, Woolen. Forstmann Woolen Co. 502,402–3, Sept. 21; Serial Nos. 538,513–14, published June 8, 1948.

Rattan, Woven plastic. W. F. Whitney Company, Inc. 502,420, Sept. 21; Serial No. 512,551.
Ribbon. Classe Ribbon Works, Incorporated. 502,244, Sept. 21; Serial No. 514,800, published June 8, 1948.
Sheetings. Erwin Cotton Mills Company. 333,066, Mar. 10, 1936. Republished Sept. 21.
Sheets and pillow cases. Erwin Cotton Mills Company. 387,347, May 13, 1941. Republished Sept. 21.
Sheets and pillow cases. James G. Hardy & Co., Inc. 502,396, Sept. 21; Serial No. 537,585, published May 25, 1948.
Sheets, pillowcases and blankets. Pepperell Manufacturing Company. 502,318, Sept. 21; Serial No. 529,985, published Feb. 3, 1948.
Sheets, pillow cases, sheetings, etc. Erwin Cotton Mills Company. 381,267, Sept. 17, 1940. Republished Sept. 21.
Silk cloth, taffeta weave in the piece. Tobler, Ernst & Traber, Inc. 346,366, May 25, 1937. Republished Sept. 21.
Textile fabrics, printed silk foulard, etc., Dyed, printed, and finished. United Piece Dye Works. 177,466, Dec. 18, 1923. Republished Sept. 21.

CLASS 43

Thread and yarns of artificial silk, cotton, mercerized cotton, etc. Nederlandsche N. V. Kunstzijdefabriek. 244,378, renewed July 17, 1948. O. G. Sept. 21.

CLASS 44

Deaf sets. Graybar Electric Company, Inc. 246,672–5, renewed Sept. 11, 1948. O. G. Sept. 21.
Dentists' instruments. Deutsche Gold- und-Silber-Scheideanstalt, vormals Roessler. 238,892, renewed Feb. 14, 1948. O. G. Sept. 21.
Manicure implements. Schnefel Bros., Corporation. 440,733, Sept. 21; Serial No. 522,502, published Sept. 30, 1947.
Vibrators and electric hair dryers, Electric. A. C. Gilbert Company. 246,624, renewed Sept. 11, 1948. O. G. Sept. 21.

CLASS 45

Beverage sold as soft drink, Non-alcoholic, non-cereal, maltless. Tiny Beverages, Incorporated. 385,858, Mar. 18, 1941. Republished Sept. 21.
Beverages, Non-alcoholic. Massasoit Beverage Co., Inc. 332,164, Feb. 4, 1936. Republished Sept. 21.
Beverages, Non-alcoholic, non-cereal, maltless. Tiny Beverages, Incorporated. 384,971, Feb. 11, 1941. Republished Sept. 21.
Ginger ale. Curran & Joyce Co., Inc. 229,535, June 28, 1927. Republished Sept. 21.
Grape juice. Widmer's Grape Products Industry. 247,712–14, renewed Oct. 2, 1948. O. G. Sept. 21.
Powders for making nonalcoholic, maltless beverages. Tokerton & Warfield Co. 235,999, Nov. 29, 1927. Republished Sept. 21.
Soft drink preparations, flavorings, extracts and syrups, Summer. Tolerton & Warfield Company. 349,615, Aug. 31, 1937. Republished Sept. 21.
Syrup, Fruit. R. Frank. 240,936, renewed Apr. 10, 1948. O. G. Sept. 21.

CLASS 46

Apple butter, canned fish, canned fruits, etc. Des Moines Wholesale Grocer Co. 200,581, July 7, 1925. Republished Sept. 21.
Apples, Fresh. H. F. Byrd. 254,636, Mar. 26, 1929. Republished Sept. 21.
Apples, Fresh. Wenatchee-Okanogan Co-Operative Federation. 240,113, Mar. 20, 1928. Republished Sept. 21.
Apples, peaches, pears, and plums, Fresh. E. M. Dwight. 121,131, Apr. 9, 1918. Republished Sept. 21.
Bacon. E. S. Bazley. 229,211, June 21, 1927. Republished Sept. 21.
Bakery goods. Associated Biscuit Co. 367,976, June 6, 1939. Republished Sept. 21.
Bakery products. George Weston, Limited. 421,465, June 4, 1946. Republished Sept. 21.
Baking soda (bicarbonate of soda), and baking powder. Church & Dwight Co., Inc. 502,263, Sept. 21; Serial No. 526,785, published June 8, 1948.
Baking soda (bicarbonate of soda) and baking powder. Church & Dwight Co., Inc. 502,265, Sept. 21; Serial No. 526,812, published June 8, 1948.
Biscuits and crackers. George Weston, Ltd. 351,008, Oct. 12, 1937. Republished Sept. 21.
Biscuits, crackers, and cookies. George Weston, Ltd. 396,921, Aug. 11, 1942. Republished Sept. 21.
Biscuits, Cream filled. George Weston, Ltd. 351,007, Oct. 12, 1937. Republished Sept. 21.
Bottled goods. M. Pieri. 349,896, Sept. 14, 1937. Republished Sept. 21.
Butter. E. S. Bazley. 224,600, Mar. 1, 1927. Republished Sept. 21.
Butter and cheese. New Zealand Dairy-Produce Control Board. 244,843, renewed July 31, 1948. O. G. Sept. 21.
Butter; bacon; dressed poultry; peas, etc. Great Atlantic & Pacific Tea Company. 502,299, Sept. 21; Serial No. 528,862, published June 8, 1948.
Candied and salted nuts and nuts in their natural state. Peterson Nut Company. 245,062, renewed Aug. 7, 1948. O. G. Sept. 21.
Candies. Candy Products Corporation. 305,225, Aug. 8, 1933. Republished Sept. 21.
Candies and bonbons. Dutch Mill Candy Co. 440,694, Sept. 21; Serial No. 507,114, published Aug. 5, 1947.
Candies, bonbons, pastry, cakes, etc. The Mirror. 247,620, renewed Oct. 2, 1948. O. G. Sept. 21.
Candies of all kinds; candied nut products. Henry Heide, Incorporated. 243,976, renewed July 3, 1948. O. G. Sept. 21.
Candy. E. A. Hoffman Candy Co., Inc. 230,495, July 26, 1927. Republished Sept. 21.
Candy. U. R. S. Candy Stores, Inc. 175,710, renewed Jan. 5, 1948. O. G. Sept. 21.
Canned cherries. Fruit Growers Co-Operative. 390,938, Oct. 14, 1941. Republished Sept. 21.
Canned cherries. Fruit Growers Co-Operative. 398,946, Dec. 8, 1942. Republished Sept. 21.
Canned citrus fruit juices. Florida Frozen Fruits, Inc. 440,720, Sept. 21; Serial No. 517,297, published Jan. 20, 1948.
Canned cooked food. C. N. Lockwood. 244,453, renewed July 17, 1948. O. G. Sept. 21.
Canned corn. Rossville Packing Company. 502,354, Sept. 21; Serial No. 532,501, published June 8, 1948.
Canned dog food. Coast Fishing Company. 314,306, June 26, 1934. Republished Sept. 21.
Canned fish. Cántabro-Mediterránea, S. A. 440,690, Sept. 21; Serial No. 503,349, published June 15, 1948.
Canned fish. Seacoast Canning Company. 225,642, Mar. 22, 1927. Republished Sept. 21.
Canned fish. Seacoast Canning Company. 226,619, Apr. 12, 1927. Republished Sept. 21.
Canned fish. Seacoast Canning Company. 228,862, June 14, 1927. Republished Sept. 21.
Canned fish. Seacoast Canning Company. 239,079, Feb. 21, 1928. Republished Sept. 21.
Canned fish, canned fruit, canned vegetables. G. W. Hume Company. 157,686, Aug. 15, 1922. Republished Sept. 21.
Canned fish, canned vegetables, canned fruits, etc. Knickerbocker Mills Co. 353,807, Jan. 18, 1938. Republished Sept. 21.
Canned fish, pearl-barley, breakfast wheat, etc. Tolerton & Warfield Co. 130,239, Apr. 13, 1920. Republished Sept. 21.
Canned fish, pearl barley, breakfast wheat, etc. Tolerton & Warfield Co. 165,109, Mar. 6, 1923. Republished Sept. 21.
Canned food for dogs and cats and other animals. Merchants Service Corp. 328,745, Oct. 1, 1935. Republished Sept. 21.
Canned foods. C. Callahan Company. 440,726, Sept. 21; Serial No. 519,511, published June 15, 1948.
Canned foods. W. R. Roach & Co. 240,376, renewed Mar. 27, 1948. O. G. Sept. 21.
Canned fruit. G. W. Hume Company. 219,828, Oct. 26, 1926. Republished Sept. 21.
Canned fruits. G. W. Hume Company. 204,707, Oct. 20, 1925. Republished Sept. 21.
Canned fruits and canned fruit juices. Florida Fruit Canners Inc. 334,659, May 12, 1936. Republished Sept. 21.
Canned fruits and canned vegetables, canned berries, etc. Fine Foods, Inc. 351,185, Oct. 19, 1937. Republished Sept. 21.
Canned fruits and vegetables. H. F. Hemingway & Co. 65,051, Sept. 3, 1907. Republished Sept. 21.
Canned fruits and vegetables. Roper Bros., Inc. 402,363, July 13, 1943. Republished Sept. 21.
Canned fruits and vegetables. Wayne County Preserving Co. 53,296–7, May 29, 1906. Republished Sept. 21.
Canned fruits and vegetables. Wayne County Preserving Co. 54,399, June 26, 1906. Republished Sept. 21.
Canned fruits and vegetables. Wayne County Preserving Company. 63,300, June 11, 1907. Republished Sept. 21.
Canned fruits and vegetables, canned fish, and soups, etc. Tolerton & Warfield Co. 142,339, May 10, 1921. Republished Sept. 21.
Canned fruits, canned vegetables. Filice & Perrelli Canning Company, Inc. 140,122, Mar. 8, 1921. Republished Sept. 21.
Canned fruits, canned vegetables. Filice & Perrelli Canning Company, Inc. 247,766, Oct. 2, 1928. Republished Sept. 21.
Canned fruits, canned vegetables, and tomato catsup. Talbot Packing & Preserving Company. 266,653, Jan. 28, 1930. Republished Sept. 21.
Canned fruits, canned vegetables, apple sauce. Greencastle Packing Company. 343,716, Mar. 2, 1937. Republished Sept. 21.
Canned fruits, canned vegetables, etc. C. W. Antrim & Sons. 88,827, Oct. 29, 1912. Republished Sept. 21.
Canned fruits, dried fruits, canned vegetables, etc. Merchants Service Corporation. 359,659, Aug. 30, 1938. Republished Sept. 21.
Canned fruits, fish, and vegetables, canned hominy, and canned spaghetti. W. R. Roach & Co. 243,844, renewed July 3, 1948. O. G. Sept. 21.

Canned grapefruit. Florida Fruit Canners, Inc. 248,116, Oct. 16, 1928. Republished Sept. 21.
Canned grapefruit. Florida Fruit Canners, Inc. 249,236, renewed Nov. 13, 1948. O. G. Sept. 21.
Canned lobster. Canadian Fisheries, Ltd. 273,133, July 22, 1930. Republished Sept. 21.
Canned lobsters. Burnham & Morrill Company. 52,289, May 8, 1906. Republished Sept. 21.
Canned mixed vegetables and fresh frozen mixed vegetables. Larsen Company. 502,367, Sept. 21; Serial No. 533,323, published June 8, 1948.
Canned olives. Lindsay Ripe Olive Company. 260,234, Aug. 20, 1929. Republished Sept. 21.
Canned olives. Lindsay Ripe Olive Company. 337,595, Aug. 11, 1936. Republished Sept. 21.
Canned orange and grapefruit sections. Florida Fruit Canners, Inc. 302,352, Apr. 11, 1933. Republished Sept. 21.
Canned peaches, apples, pears, etc. Albert W. Sisk & Son. 200,845, July 14, 1925. Republished Sept. 21.
Canned peas. Cobb Canning Company. 420,304, Apr. 2, 1946. Republished Sept. 21.
Canned peas, canned beans, canned tomatoes, etc. Burgoon & Yingling. 267,380, Feb. 18, 1930. Republished Sept. 21.
Canned sauerkraut. Fremont Kraut Company. 80,521, Jan. 3, 1911. Republished Sept. 21.
Canned sauerkraut. Fremont Kraut Company. 284,153, June 16, 1931. Republished Sept. 21.
Canned tomatoes. J. C. Jones. 502,424, Sept. 21; Serial No. 520,710.
Canned tomatoes. Albert W. Sisk & Son. 397,560, Sept. 8, 1942. Republished Sept. 21.
Canned tomatoes. Albert W. Sisk & Son. 397,920, Sept. 29, 1942. Republished Sept. 21.
Canned vegetables. Burnham & Morrill. 302,723, Apr. 25, 1933. Republished Sept. 21.
Canned vegetables. Burnham & Morrill Company. 277,683, Nov. 25, 1930. Republished Sept. 21.
Canned vegetables. Burnham & Morrill Company. 303,354, May 23, 1933. Republished Sept. 21.
Canned vegetables. Esmeralda Canning Co. 344,636, Mar. 30, 1937. Republished Sept. 21.
Canned vegetables. Albert W. Sisk & Son. 217,885, Sept. 14, 1926. Republished Sept. 21.
Canned vegetables. Albert W. Sisk & Son. 418,333, Dec. 18, 1945. Republished Sept. 21.
Canned vegetables. Torsch Canning Company. 502,316, Sept. 21; Serial No. 529,831, published June 15, 1948.
Canned vegetables. Western Grocer Company. 250,000, renewed Nov. 27, 1948. O. G. Sept. 21.
Canned vegetables, canned fruits, canned fish. Recorg Supply Corporation. 354,432, Feb. 15, 1938. Republished Sept. 21.
Canned vegetables, canned fruits, evaporated fruit, etc. Schwabacher Bros. & Co. Inc. 235,584, renewed Nov. 22, 1947. O. G. Sept. 21.
Canned vegetables, canned sauerkraut, and canned fruit juices for food purposes. Harlingen Canning Company. 353,405, Jan. 4, 1938. Republished Sept. 21.
Catchup, chili sauce, and relish. E. Pritchard, Inc 222,352, Dec. 28, 1926. Republished Sept. 21.
Catsup, chili sauce, relish composed of peppers, etc. E. Pritchard, Inc. 278,617, Dec. 23, 1930. Republished Sept. 21.
Coffee. Pacific Gamble Robinson Company. 409,592, Oct. 10, 1944. Republished Sept. 21.
Coffee, tea. Duncan Coffee Company. 502,232, Sept. 21; Serial No. 507,520, published June 8, 1948.
Cookies. J. F. Marsh. 440,727, Sept. 21; Serial No. 520,753, published June 15, 1948.
Cookies. George Weston, Limited. 353,251, Dec. 28, 1937. Republished Sept. 21.
Cookies. George Weston, Limited. 356,349, Apr. 26, 1938. Republished Sept. 21.
Cookies. George Weston, Limited. 418,681, Jan. 8, 1946. Republished Sept. 21.
Cooking compounds. Cream Dove Mfg. Co., Inc. 250,101, renewed Nov. 27, 1948. O. G. Sept. 21.
Corn chips. Frito Company. 502,325, Sept. 21; Serial No. 530,491, published June 8, 1948.
Crackers. Associated Biscuit Co. 367,772, May 30, 1939. Republished Sept. 21.
Crackers. George Weston, Limited. 348,780, Aug. 10, 1937. Republished Sept. 21.
Crackers. George Weston, Limited. 353,947, Jan. 25, 1938. Republished Sept. 21.
Crackers and more particularly graham crackers, etc. Associated Biscuit Co. 367,220, May 9, 1939. Republished Sept. 21.
Crackers, biscuit, wafers, etc. American Bakeries Co. 106,924, Nov. 9, 1915. Republished Sept. 21.
Culture preparation. Brolite Company. 429,837, May 20, 1947. Republished Sept. 21.
Extracts for food purposes. Flavoring. Nell Products Inc. 502,277, Sept. 21; Serial No. 527,638, published June 8, 1948.
Fats, Edible. Distillation Products, Inc. 440,698, Sept. 21; Serial No. 509,759, published June 15, 1948.
Feed, General purpose stock and dairy. Flory Milling Company, Inc. 440,732, Sept. 21; Serial No. 521,658, published June 8, 1948.
Feed, Stock and poultry. Charleston Milling & Produce Company. 242,373, renewed May 22, 1948. O. G. Sept. 21.
Feeds and foodstuffs for poultry, cattle, horses, etc. Edgar-Morgan Company. 207,031, Dec. 15, 1925. Republished Sept. 21.
Feeds, Mixed. Happy Mills. 406,455, Apr. 4, 1944. Republished Sept. 21.
Feeds, Poultry. Rudy-Patrick Seed Company. 235,936–7, Nov. 29, 1927. Republished Sept. 21.
Fish, Preserved. E. A. Bravo. 440,734, Sept. 21; Serial No. 523,044, published June 8, 1948.
Fish, smoked, and frozen shrimp, Frozen. T. S. Gorton, Jr. 440,710, Sept. 21; Serial No. 514,273, published Mar. 2, 1948.
Flavoring extracts. McCormick & Co. 65,086, Sept. 3, 1907. Republished Sept. 21.
Flour, bread, biscuit, crackers, and cereals. Malted Cereals Co. 35,599, Dec. 18, 1900. Republished Sept. 21.
Flour, Cake. Sands, Taylor & Wood Company. 502,240, Sept. 21; Serial No. 512,206, published June 8, 1948.
Flour, Plain and self-rising wheat. Dan Valley Mills. 277,973, Dec. 2, 1930. Republished Sept. 21.
Flour, self-rising flour, graham flour, etc., Wheat. Arnold Milling Company. 284,248, June 23, 1931. Republished Sept. 21.
Flour, Self-rising wheat. Dan Valley Mills. 206,970, Dec. 15, 1925. Republished Sept. 21.
Flour, Wheat. Arnold Milling Company. 260,741, Aug. 27, 1929. Republished Sept. 21.
Flour, Wheat. Dan Valley Mills. 138,604–5, Jan. 4, 1921. Republished Sept. 21.
Flour, Wheat. A. De Swaan, Inc. 502,427, Sept. 21; Serial No. 525,305.
Flour, Wheat. Fisher Flouring Mills Company. 246,584, renewed Sept. 11, 1948. O. G. Sept. 21.
Flour, Wheat. Larabee Flour Mills Company. 244,557, renewed July 24, 1948. O. G. Sept. 21.
Flour, Wheat. Loudonville Milling Company. 502,357, Sept. 21; Serial No. 532,720, published June 8, 1948.
Flour, Wheat. Monarch Milling Co. 109,615–16, Apr. 11, 1916. Republished Sept. 21.
Flour, Wheat. Sands, Taylor & Wood Co. 179,857–8, July 24, 1923. Republished Sept. 21.
Flour, Wheat. Sands, Taylor & Wood Company. 200,247, June 30, 1925. Republished Sept. 21.
Flour, Wheat. Sands, Taylor & Wood Company. 200,271–2, June 30, 1925. Republished Sept. 21.
Flour, Wheat. Sands, Taylor & Wood Company. 200,392, June 30, 1925. Republished Sept. 21.
Food, Dog. Wm. T. Crowther & Son, Inc. 405,779, Feb. 22, 1944. Republished Sept. 21.
Food-flavoring extracts. C. F. Sauer Company. 502,332, Sept. 21; Serial No. 530,851, published June 8, 1948.
Food-flavoring extracts, peanut butter, vinegar, mustard, etc. Robb-Ross Co. 152,970, Mar. 7, 1922. Republished Sept. 21.
Food preparation. Mead Johnson & Company. 502,254, Sept. 21; Serial No. 520,639, published June 15, 1948.
Food product, Specially prepared. Mead Johnson & Company. 502,247, Sept. 21; Serial No. 516,935, published June 15, 1948.
Food products. Fine Foods, Inc. 399,854, Feb. 2, 1943. Republished Sept. 21.
Food products. Tolerton & Warfield Company. 259,280, July 30, 1929. Republished Sept. 21.
Food products, Various. Food Service. 370,095, Aug. 15, 1939. Republished Sept. 21.
Food, Stock. M. C. Peters. 70,419, Aug. 25, 1908. Republished Sept. 21.
Fruit, Citrus. L. Maxcy. 204,655, Oct. 20, 1925. Republished Sept. 21.
Fruit, Fresh citrus. Knapp-Sherriff-Koelle. 502,347, Sept. 21; Serial No. 531,683, published June 8, 1948.
Fruit, Fresh deciduous. Pacific Fruit Exchange. 263,406, Nov. 5, 1929. Republished Sept. 21.
Fruits and fresh deciduous fruits, Fresh citrus. Rocky Hill Corporation. 241,624, May 1, 1928. Republished Sept. 21.
Fruits and fresh deciduous fruits, Fresh citrus. Rocky Hill Corporation. 248,534, Oct. 23, 1928. Republished Sept. 21.
Fruits and vegetables, Bottled, canned, preserved, evaporated, and pickled. Wayne County Preserving Company. 69,599, June 23, 1908. Republished Sept. 21.
Fruits and vegetables, canned fruits, vegetables, etc., Fresh deciduous. Fine Foods, Inc. 390,558, Sept. 30, 1941. Republished Sept. 21.
Fruits and vegetables, Fresh. O. O. Eaton. 207,058, Dec. 15, 1925. Republished Sept. 21.
Fruits and vegetables, Frozen. John H. Dulany & Son, Inc. 502,321, Sept. 21; Serial No. 530,072, published June 8, 1948.
Fruits, canned fruits, canned vegetables, canned sauerkraut, etc., Fresh deciduous. Fine Foods, Inc. 377,271, Apr. 30, 1940. Republished Sept. 21.
Fruits, Fresh. Morse and Skinner. 397,088, Aug. 18, 1942. Republished Sept. 21.
Fruits, Fresh and canned citrus. L. Maxcy, Inc. 256,439, May 14, 1929. Republished Sept. 21.

Fruits, Fresh and canned citrus. L. Maxcy, Inc. 258,441–2; July 9, 1929. Republished Sept. 21.
Fruits, Fresh and canned citrus. L. Maxcy, Inc. 384,828, Feb. 4, 1941. Republished Sept. 21.
Fruits, Fresh citrus. L. Maxcy, Inc. 239,871, Mar. 13, 1928. Republished Sept. 21.
Fruits, Fresh citrus. L. Maxcy, Inc. 278,770, Dec. 30, 1930. Republished Sept. 21.
Fruits, Fresh citrus. Rocky Hill Corporation. 240,225, Mar. 20, 1928. Republished Sept. 21.
Fruits, Fresh citrus. Rocky Hill Corporation. 240,706, Apr. 3, 1928. Republished Sept. 21.
Fruits, Fresh citrus. Tennessee Grove Company Inc. 254,187, Mar. 12, 1929. Republished Sept. 21.
Fruits, Fresh deciduous. Rocky Hill Corporation. 242,931, June 5, 1928. Republished Sept. 21.
Fruits, Fresh deciduous. Rocky Hill Corporation. 246,920, Sept. 18, 1928. Republished Sept. 21.
Fruits, fresh grapes, fresh vegetables, etc., Fresh deciduous. S. K. Thomas. 232,264, Sept. 6, 1927. Republished Sept. 21.
Fruits, frozen fresh vegetables, Frozen fresh. Santa Clara Frosted Foods Co. 432,250, Aug. 26, 1947. Republished Sept. 21.
Gelatine dessert. Fine Foods, Inc. 358,618, July 19, 1938. Republished Sept. 21.
Grapefruit juice and blended orange and grapefruit juice, etc. Florida Fruit Canners, Inc. 324,215, May 14, 1935. Republished Sept. 21.
Grapes, Fresh. Florin Fruit Growers' Association. 502,371, Sept. 21; Serial No. 533,721, published June 15, 1948.
Grapes, fresh plums, and fresh peaches, Fresh. C. D. Pruner. 228,327, May 31, 1927. Republished Sept. 21.
Horse meat, Fresh frozen chopped. Victory Packing Co. 502,246, Sept. 21; Serial No. 516,925, published June 15, 1948.
Horse radish. J. H. Turner. 247,572, renewed Oct. 2, 1948. O. G. Sept. 21.
Jams, jellies, fruit preserves, etc. Recorg Supply Corporation. 397,456, Sept. 8, 1942. Republished Sept. 21.
Lettuce, Fresh. O. O. Eaton. 300,683, Jan. 31, 1933. Republished Sept. 21.
Malt syrup. E. Clemens Horst Co. 502,274, Sept. 21; 527,459, published June 15, 1948.
Malt syrups. Fine Foods, Inc. 353,451, Jan. 11, 1938. Republished Sept. 21.
Margarine consisting of pure coconnut fat. Georg Schicht A. G. 247,094, renewed Sept. 18, 1948. O. G. Sept. 21.
Marmalade, sweetened chocolate, fruits in sirup in cans, etc. S. S. Pierce Co. 182,354, Apr. 8, 1924. Republished Sept. 21.
Matzos. B. Manischewitz Company. 440,682, Sept. 21; Serial No. 492,327, published June 15, 1948.
Meats in tins or jars, Prepared or preserved. Oxo, Limited. 245,830, renewed Aug. 21, 1948. O. G. Sept. 21.
Mince meat. Atmore & Son. 67,038–9, Jan. 14, 1908. Republished Sept. 21.
Oil, Processed deodorized edible vegetable. Procter & Gamble Company. 502,278. Sept. 21; Serial No. 527,687, published June 8, 1948.
Oleomargarine. Churngold Corporation. 502,437, Sept. 21; Serial No. 544,661.
Oleomargarine, Nut. E. S. Bazley. 179,190, Feb. 5, 1924. Republished Sept. 21.
Olive oil. Conti Products Corporation. 502,412, Sept. 21; Serial No. 547,404, published June 15, 1948.
Olive oil, Pure. Carbonell y Ca. 247,079, renewed Sept. 18, 1948. O. G. Sept. 21.
Potatoes. Wolter Bros. 136,709, Nov. 2, 1920. Republished Sept. 21.
Potatoes and onions. A. P. Gumz. 440,724, Sept. 21; Serial No. 518,799, published June 8, 1948.
Rice, pickles, and olives. Tolerton & Warfield Co. 130,424, Apr. 20, 1920. Republished Sept. 21.
Salad dressing, sandwich spread, and egg noodles. Winston and Newell Company. 387,365, May 13, 1941. Republished Sept. 21.
Sauce, jellies, flavoring extracts, Worcestershire. E. Pritchard. 214,816, July 6, 1926. Republished Sept. 21.
Sauce, Worcestershire. N. W. Stewart. 343,678, Mar. 2, 1937. Republished Sept. 21.
Sliced beef, mincemeat, canned soups, etc. Tolerton & Warfield Co. 192,794, Dec. 9, 1924. Republished Sept. 21.
Spices. Great American Tea Company. 502,292, Sept. 21; Serial No. 528,468, published June 15, 1948.
Spices, paprika, tea, coffee, etc. Knickerbocker Mills Co. 263,371, Nov. 5, 1929. Republished Sept. 21.
Stabilizer for ice creams, sherbets, water ices, frozen confections, and the like. Joe Lowe Corporation. 502,363, Sept. 21; Serial No. 532,945, published June 8, 1948.
Syrup, Concentrated. Carnation Milk Products Company. 245,903, renewed Aug. 28, 1948. O. G. Sept. 21.
Tea, coffee, cocoa, and chocolate. R. Twining & Co., Ltd. 73,956, June 1, 1909. Republished Sept. 21.
Tomato catsup. Windsor Products Co. Inc. 370,559, Aug. 29, 1939. Republished Sept. 21.
Tomato catsup and tomato juice. Windsor Products Company, Inc. 373,759, Dec. 19, 1939. Republished Sept. 21.
Tomato catsup and tomato puree, chili sauce, etc. N. W. Stewart. 332,356, Feb. 11, 1936. Republished Sept. 21.
Vegetables, Dried. R. M. Auvil. 440,735, Sept. 21; Serial No. 524,286, published June 8, 1948.
Vegetables, Fresh. O. O. Eaton. 371,537, Sept. 26, 1939. Republished Sept. 21.
Vegetables, Preserved. Societa Ligure Lombarda Per Industrie Marmellate E. Conserve Alimentari. 246,326, renewed Sept. 4, 1948. O. G. Sept. 21.
Vinegar. Maury-Cole Company. 238,953, renewed Feb. 14, 1948. O. G. Sept. 21.
Wafers, Cake. Weston Biscuit Co., Ltd. 311,940, Apr. 10, 1934. Republished Sept. 21.

CLASS 47

Wines. Beringer Bros., Inc. 343,900, Mar. 9, 1937. Republished Sept. 21.

CLASS 48

Extract, Malt. Haco Gesellschaft A. G. 196,636, renewed Mar. 24, 1945. O. G. Sept. 21.

CLASS 49

Alcoholic liquors. American Solvents & Chemical Corporation. 243,815, renewed July 3, 1948. O. G. Sept. 21.
Whiskey. Lang Brothers, Limited. 307,371, Oct. 24, 1933. Republished Sept. 21.
Whiskey. Lang Brothers, Limited. 308,126, Nov. 21, 1933. Republished Sept. 21.
Whiskey. Lang Brothers, Limited. 309,162, Jan. 2, 1934. Republished Sept. 21.
Whiskey. Lang Brothers, Limited. 311,557, Mar. 27, 1934. Republished Sept. 21.
Whiskey. Lang Brothers, Limited. 351,382, Oct. 26, 1937. Republished Sept. 21.
Whiskey. James Thompson & Bro. 114,576, Dec. 19, 1916. Republished Sept. 21.

CLASS 50

Felt in the piece. American Felt Company. 502,257, Sept. 21; Serial No. 522,878, published June 15, 1948.
Felt in the piece. American Felt Company. 502,288, Sept. 21; Serial No. 528,243, published June 15, 1948.
Permanent waving kit, Home. Toni Company. 502,315, Sept. 21; Serial No. 529,830, published June 15, 1948.
Printing devices. Addressograph-Multigraph Corporation. 399,318, Dec. 29, 1942. Republished Sept. 21.
Printing plates. Speedaumatic Company. 253,798, Mar. 5, 1929. Republished Sept. 21.
Rubber and synthetic rubber. Danbury Rubber Company, Inc. 502,230, Sept. 21; Serial No. 501,239, published June 1, 1948.
Setters, Trap. Animal Trap Company of America. 245,401, renewed Aug. 14, 1948. O. G. Sept. 21.
Tents. Talon, Inc. 502,285, Sept. 21; Serial No. 527,945, published June 15, 1948.

CLASS 55

Banking and trust services. Anglo California National Bank of San Francisco. 502,414, Sept. 21; Serial No. 527,251, published June 8, 1948.
Writing of fire and marine insurance. Springfield Fire and Marine Insurance Company. 502,416, Sept. 21; Serial No. 528,891, published June 8, 1948.
Writing of fire insurance. Sentinel Fire Insurance Company. 502,415, Sept. 21; Serial No. 528,888, published June 8, 1948.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 21ST DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Comiskey, Anthony T., Sr., Chicago, Ill. Motorcycle windshield. Re. 23,039, Sept. 21.
Maytag Company, The, assignee: *See*—
Smith, Thomas R.
Rand, Le Roy H., assignor to Rand Rubber Company, Brooklyn, N. Y. Baby pants. Re. 23,040, Sept. 21.
Rand Rubber Company, assignee: *See*—
Rand, Le Roy H.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Piston and piston rod assembly. Re. 23,041, Sept. 21.

LIST OF PLANT PATENTEES

Bach, Joseph, Des Moines, Iowa. Ivy plant. 807, Sept. 21.
Conard-Pyle Company, The, assignee: *See*—
Mordigan, Peter.
Mordigan, Peter, San Fernando, Calif., assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 806, Sept. 21.

LIST OF DESIGN PATENTEES

A. B. A. Specialties, Incorporated, assignee: *See*—
Westlake, Edwin.
Allen, Kenneth C.: *See*—
Meeker, David A., and Allen.
American Brazed Products, assignee: *See*—
Walker, William H.
Anita-Gay Creations, Inc., assignee: *See*—
Scott, Dorris M., and Steinberg.
Arcularius, Charles D., New Canaan, Conn. Jewelry component. 151,024, Sept. 21.
Argus, Incorporated, assignee: *See*—
Barnes, John W.
Barnes, John W., assignor to Argus, Incorporated, Ann Arbor, Mich. Flash lamp holder. 151,025, Sept. 21.
Berry, William B., Company, assignee: *See*—
Jones, Russell G.
Besozzi, Mario A., Beechhurst, N. Y. Food mincer. 151,026, Sept. 21.
Blecher, Boris, Philadelphia, Pa. Thermometer. 151,027, Sept. 21.
Blitzstein, William, assignor to Sunset, Incorporated, Chicago, Ill. Bottle. 151,028, Sept. 21.
Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,029, Sept. 21.
Buckley, Nadja, New York, N. Y. Spectacle frame or similar article. 151,030, Sept. 21.
Bulova Watch Company, Inc., assignee: *See*—
Fachon, Emil E.
Casciano, Augustus, Providence, R. I., assignor to R. M. Jordon & Company, Inc. Brooch or the like. 151,031, Sept. 21.
Cincinnati Iron Fence Company-Save-a-Sink, assignee: *See*—
Jensen, Donald G.
Dahlen, Herbert E., Portland, Oreg. Comb holder. 151,032, Sept. 21.
Eastman Kodak Company, assignee: *See*—
Main, Charles E.
Emerson, Frank P., Los Angeles, Calif. Popcorn dispensing machine. 151,033, Sept. 21.
Everlast Metal Products Corp., assignee: *See*—
Schnitzer, Louis M.
Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y. Expansible link chain for a bracelet or similar article. 151,034, Sept. 21.
Famous Bathrobe Co., Inc., assignee: *See*—
Strauss, Kate R.
Feeny, George A.: *See*—
Gudell, Rudolph T., and Feeny.
Fleming, Jacob W. P., Memphis, Tenn. Frozen food storage and display cabinet. 151,035, Sept. 21.
Fleming, Jacob W. P., Memphis, Tenn. Frozen food storage and display cabinet. 151,036, Sept. 21.
Frank, Joseph, Forest Hills, and S. R. Geist, New York, assignors to Gemloid Corporation, Elmhurst, Long Island, N. Y. Lamp. 151,037, Sept. 21.
Gantner, John O., Jr., San Francisco, Calif. Swimming suit. 151,038, Sept. 21.
Geist, Sidney R.: *See*—
Frank, Joseph, and Geist.
Gelmoid Corporation, assignee: *See*—
Frank, Joseph, and Geist.
Goldstein, Julius J., New York, N. Y. Supporting belt. 151,039, Sept. 21.
Graham, Elizabeth N., New York, N. Y. Beach bag. 151,040, Sept. 21.
Gudell, Rudolph T., North Chicago, and G. A. Feeny, Chicago, Ill. Portable altar. 151,041, Sept. 21.
Harrison, Raymond B., Dover, N. H. Binding strip for shoe soles. 151,042, Sept. 21.
Hobart Manufacturing Company, The, assignee: *See*—
Meeker, David A., and Allen.
Hockery, John C., assignee, trustee: *See*—
Talge, Henry J., and Whitfill.
Hoe, R., & Co., Inc., assignee: *See*—
Huck, William F.
Howlett, William P., assignee: *See*—
Stevens, Clifford B.
Hubbard, Flavius B., Auburn, assignor to Webster Rubber Company, Sabattus, Maine. Shoe sole or similar article. 151,043, Sept. 21.
Huck, William F., Forest Hills, assignor to R. Hoe & Co., Inc., New York, N. Y. Routing machine. 151,044, Sept. 21.
Huff, William H., Kansas City, Mo. Rotary mower housing. 151,045, Sept. 21.
Huff, William H., Kansas City, Mo. Rotary mower housing. 151,046, Sept. 21.
Jensen, Donald G., assignor to The Cincinnati Iron Fence Company-Save-a-Sink, Cincinnati, Ohio. Combined portable drainboard, serving tray, and cooling rack. 151,047, Sept. 21.
Jones, Russell G., Reading, assignor to William B. Berry Company, Boston, Mass. Display dispenser. 151,048, Sept. 21.
Jordon, R. M., & Company, Inc., assignee: *See*—
Casciano, Augustus.
Kilgore, Earl J., Evarts, Ky. Combined biscuit, doughnut, and pastry cutter. 151,049, Sept. 21.
Kraske, Delilah: *See*—
Severson, Minnie, and Kraske.
Kreider, Don L., Wadsworth, Ohio. Game board. 151,050, Sept. 21.
Lindgren, Orton W., Jr., assignor to Willson Products, Inc., Reading, Pa. Pair of eye shield cups for sun bathing. 151,051, Sept. 21.
Lipic, Sylvester G., Sappington, Mo. Mechanical pencil. 151,052, Sept. 21.
Macpherson, Mildred, New York, N. Y. Dress. 151,057, Sept. 21.
Macpherson, Mildred, New York, N. Y. Dress. 151,058, Sept. 21.
Main, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Camera cover. 151,059, Sept. 21.
Marvin, Zebinia E., Jr., Dallas, Tex. Toilet tray. 151,060, Sept. 21.
Marvin, Zebinia E., Jr., Dallas, Tex. Utility box. 151,061, Sept. 21.

Mason, Lewis M.: *See*—
Verduyn, John W., and Mason.

McCann, Clyde D., Des Moines, Iowa. Light shade for an electrical fixture. 151,053, Sept. 21.

McCann, Clyde D., Des Moines, Iowa. Light shade for an electrical fixture. 151,054, Sept. 21.

McLaughlin, George H., New York, N. Y. Chenille robe. 151,055, Sept. 21.

McLaughlin, George H., New York, N. Y. Chenille robe. 151,056, Sept. 21.

Meeker, David A., Troy, and K. C. Allen, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Scale. 151,062, Sept. 21.

Moore, Walter E., St. Louis County, assignor to National Vendors Inc., St. Louis, Mo. Candy vending machine. 151,063, Sept. 21.

Moore, Walter E., St. Louis County, assignor to National Vendors Inc., St. Louis, Mo. Cigarette vending machine. 151,064, Sept. 21.

National Vendors Inc., assignee: *See*—
Moore, Walter E.

Nichols, Henry L., Los Angeles, Calif. Fruit jar and bottle opener. 151,065, Sept. 21.

O'Connell, Richard, assignor to The Roc Industrial Corp., New York, N. Y. Diffusing shield for a tubular lamp. 151,066, Sept. 21.

Orme, Wilbur L., Cambridge, Ohio. Candelabrum or similar article. 151,067, Sept. 21.

Owens-Illinois Glass Company, assignee: *See*—
Wagner, Franz.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,068, Sept. 21.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,069, Sept. 21.

Plocky, Gustave F.: *See*—
Sherry, Victor, and H. A. and G. F. Plocky.

Plocky, Harry A.: *See*—
Sherry, Victor, and H. A. and G. F. Plocky.

Pratt Manufacturing Company, assignee: *See*—
Sundberg, Carl W.

Roc Industrial Corp., The, assignee: *See*—
O'Connell, Richard.

Rohman, William A., Attleboro, Mass. Ophthalmic wire. 151,070, Sept. 21.

Rosen, Henri E., Brookline, Mass. Child's boot or similar article. 151,071, Sept. 21.

Saffert, George J., New Ulm, Minn. Hog oiler. 151,072, Sept. 21.

St. John, George, Ironwood, Mich. Hobbyhorse. 151,080, Sept. 21.

Sassano, Joseph, Yonkers, N. Y. Floor maintenance machine. 151,073, Sept. 21.

Schlitz, Jos., Brewing Company, assignee: *See*—
Uihlein, Erwin C.

Schnitzer, Louis M., Brooklyn, N. Y., assignor to Everlast Metal Products Corp. Heat insulated storage receptacle. 151,074, Sept. 21.

Scott, Dorris M., and E. Steinberg, assignors to Anita-Gay Creations, Inc., Los Angeles, Calif. Handbag or similar article. 151,075, Sept. 21.

Scott, Dorris M., and E. Steinberg, assignors to Anita-Gay Creations, Inc., Los Angeles, Calif. Handbag or similar article. 151,076, Sept. 21.

Severson, Minnie, Mapleton, and D. Kraske, Waseca, Minn. Baking iron grid. 151,077, Sept. 21.

Severson, Minnie, Mapleton, and D. Kraske, Waseca, Minn. Baking iron grid. 151,078, Sept. 21.

Sherry, Victor, H. A. Plocky, Los Angeles, and G. F. Plocky, South Pasadena, Calif. Serving tray. 151,079, Sept. 21.

Steinberg, Evelyn: *See*—
Scott, Dorris M., and Steinberg.

Stern, Hyman: *See*—
Stern, Irving and H.

Stern, Irving and H., Brooklyn, N. Y. Link bracelet. 151,081, Sept. 21.

Stevens, Clifford B., Milwaukee, Wis., assignor to W. P. Howlett, Chicago, Ill. Food warmer and server. 151,082, Sept. 21.

Strassner, John F., New York, N. Y. Coat. 151,083, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,084, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,085, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,086, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,087, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,088, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,089, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,090, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,091, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,092, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,093, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,094, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,095, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,096, Sept. 21.

Strassner, John F., New York, N. Y. Dress ensemble. 151,097, Sept. 21.

Strassner, John F., New York, N. Y. Dress. 151,098, Sept. 21.

Strauss, Kate R., assignor to Famous Bathrobe Co., Inc., New York, N. Y. Bootee. 151,099, Sept. 21.

Sunberg, Carl W., Birmingham, assignor to Pratt Manufacturing Company, Coldwater, Mich. Sled knee. 151,100, Sept. 21.

Sunset, Incorporated, assignee: *See*—
Blitzstein, William.

Taber, Clifford W., Pasadena, Calif. Welding electrode holder. 151,101, Sept. 21.

Talge, Henry J., Kansas City, Mo., and A. M. Travis, Kansas City, Kans. Ice crusher. 151,102, Sept. 21.

Talge, Henry J., and E. F. Whitfill, assignors to J. C. Hockery, Kansas City, Mo., as trustee. Fruit juicer. 151,103, Sept. 21.

Tomshinsky, Victor, New York, N. Y. Dress. 151,104, Sept. 21.

Travis, Albert M.: *See*—
Talge, Henry J., and Travis.

Trifari, Krussman, & Fishel, Inc., assignee: *See*—
Philippe, Alfred.

Uihlein, Erwin C., Grafton, assignor to Jos. Schlitz Brewing Company, Milwaukee, Wis. Display sign. 151,105, Sept. 21.

Valiant Appliances, Inc., assignee: *See*—
Yaeger, Paul.

Vaughn, Ray A., Sheboygan, Mich. Fish lure. 151,106, Sept. 21.

Vaughn, Ray A., Sheboygan, Mich. Fish lure. 151,107, Sept. 21.

Verduyn, John W., and L. M. Mason, Long Beach, Calif.; said Mason assignor to said Verhuyn. Cracker tray. 151,108, Sept. 21.

Wagner, Franz, Chicago, Ill., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Military brush. 151,109, Sept. 21.

Walker, William H., Glendale, assignor to American Brazed Products, Los Angeles, Calif. Bicycle frame. 151,110, Sept. 21.

Webster Rubber Company, assignee: *See*—
Hubbard, Flavius B.

Westlake, Edwin, assignor to A. B. A. Specialties, Incorporated, New York, N. Y. Table, desk, or similar article. 151,111, Sept. 21.

Whitfill, Elton F.: *See*—
Talge, Henry J., and Whitfill.

Willson Products, Inc., assignee: *See*—
Lindgren, Orton W., Jr.

Wise, Lambert A., Pittsburgh, Pa. Vehicle toy. 151,112, Sept. 21.

Yaeger, Paul, assignor to Valiant Appliances, Inc., New York, N. Y. Toaster. 151,113, Sept. 21.

Younger, Dwen R., San Francisco, Calif. Airplane hangar. 151,114, Sept. 21.

Zipser, Richard E., New York, N. Y. Child's combined food warmer and service plate. 151,115, Sept. 21.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 21ST DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ackerman, Harold S., Dayton, Ohio, assignor to Hubbard and Company, Pittsburgh, Pa. Control apparatus. 2,449,538, Sept. 21.

Acme Visible Records, Inc., assignee: *See*—
Attwood, Charles E.

Admiraa, Daniel J. H., Eindhoven, Netherlands, assignor to General Electric Company. Glow discharge switch. 2,449,632, Sept. 21.

Agren, Carl G., Roberts, Idaho. Portable loading ramp. 2,449,829, Sept. 21.

Agriculture, United States of America as represented by the Secretary of, assignee: *See*—
Mast, William C., Rehberg, and Fisher.
Nichols, Peter L., Jr., and Hamilton.
Watson, Paul D.

Albert, Ell: *See*—
Albert, Nathan, J. and E.

Albert, Jack: *See*—
Albert, Nathan, J. and E.

Albert, Nathan, J., and E., New York, N. Y. Headwear. 2,449,633, Sept. 21.

Albert, Robert M., Chicago, Ill. Rod clip. 2,449,830, Sept. 21.

Albin, Joseph, New York, N. Y. Aircraft flare. 2,449,540, Sept. 21.

Allied Chemical & Dye Corporation, assignee: *See*—
Cosby, John N.
Mueller, Max B.

Alltools, Limited, assignee: *See*—
Graves, Arnold, and Dawes.

Alvarez, Octavio J., and E. Osman, assignors of one-half to Alvarez Patent Corporation, and one-half to E. Osman, New York, N. Y. Switch arrangement. 2,449,799, Sept. 21.

Alvarez Patent Corporation, assignee: *See*—
Alvarez, Octavio J., and Osman.

Akerman, John D., and M. Schonberg, Minneapolis, Minn. Differential pressure valve. 2,449,683, Sept. 21.

American Steel Foundries, assignee: *See*—
Baslet, Walter H.

Anaconda Wire and Cable Company, assignee: *See*—
Bechle, Charles W., and Olson.

Andersen, Soren K., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Cooler for viscous liquids. 2,449,922, Sept. 21.

Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Timing modulation system. 2,449,923, Sept. 21.

Arms, Merton H. and L. J. Barnard, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Chuck. 2,449,831, Sept. 21.

Arno, Anthony P., U. S. Navy. Discharge nozzle. 2,449,541, Sept. 21.

Aske, Leonard E., Minneapolis, Minn., assignor to General Mills, Inc. Rotor for axial pole induction motors. 2,449,924, Sept. 21.

Aske, Leonard E., Minneapolis, Minn., assignor to General Mills, Inc. Disk type rotor for axial pole induction motors. 2,449,925, Sept. 21.

Atlantic Refining Company, The, assignee: *See*—
Lawhorne, William M.

Atwood, Charles E., assignor to Acme Visible Records, Inc., Chicago, Ill. Visible index signal means. 2,449,576, Sept. 21.

Austen, Walter E., Melbourne, Victoria, Australia. Clinometer. 2,449,870, Sept. 21.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Refrigeration control apparatus. 2,449,800, Sept. 21.

Ayres, Waldemar A., Kew Gardens Hills, and E. C. Streeter, Jr., Old Westbury, N. Y., assignor to The Sperry Corporation. Radio object locating device for producing stereoscopic images. 2,449,542, Sept. 21.

Baade, Henry, assignor to Visioneering Company, Inc., Cleveland, Ohio. Automatic washing machine. 2,449,634, Sept. 21.

Bacon, Reginald G. R., H. Taylor, and L. Wood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Aqueous polyvinyl chloride/polystyrene dispersions. 2,449,684, Sept. 21.

Bailey, Christopher E. G., Bournemouth, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electrical condenser. 2,449,577, Sept. 21.

Baker, Arnold, New Haven, Conn. Link belt unloader. 2,449,543, Sept. 21.

Baldwin Locomotive Works, The, assignee: *See*—
De Forest, Alfred V.

Ballard, Dana R., Madera, Calif. Spare tire carrier attachment for trucks. 2,449,544, Sept. 21.

Balleisen, Charles E., Philadelphia, Pa. Breech block return means for the Browning machine gun. 2,449,545, Sept. 21.

Bancroft, Howard S., Sharon, Pa. Pump. 2,449,832, Sept. 21.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic change-speed transmission. 2,449,964, Sept. 21.

Barber-Colman Company, assignee: *See*—
Peterson, Burt A.

Barnard, Leon J.: *See*—
Arms, Merton H., and Barnard.

Barnes, James A., Keokuk, Iowa. Sleeve cuff holding device. 2,449,579, Sept. 21.

Barnes, Julius L., Allston, Mass. Valve. 2,449,833, Sept. 21.

Barr, Frank T., Summit, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Production of hydrogen. 2,449,635, Sept. 21.

Barr, Louis L., Pittsburgh, Pa. Stirrer for cooking vessels. 2,449,578, Sept. 21.

Barshdorf, Harry O., Adams, assignor to Sprague Electric Company, North Adams, Mass. Electrical seal. 2,449,759, Sept. 21.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake cylinder mounting. 2,449,636, Sept. 21.

Bay Chemical Company, Inc., assignee: *See*—
Lippman, Alfred, Jr., Comstock, and Benjamin.

Bechle, Charles W., and J. W. Olson, Sycamore, Ill., assignors to Anaconda Wire and Cable Company. Wire covering machine, method, and product. 2,449,834, Sept. 21.

Bedford, Clay P., Berkeley, assignor to The Kaiser Company, Oakland, Calif. Apparatus for relieving stress in welded plates. 2,449,760, Sept. 21.

Beerbower, Alan, Westfield, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,449,580, Sept. 21.

Bell, Alfred B., Philadelphia, Pa., assignor to Heywood-Wakefield Company, Gardner, Mass. Ash receptacle for armrests of vehicle seats. 2,449,965, Sept. 21.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Hefele, John R.

Belmont Radio Corporation, assignee: *See*—
Marholz, Richard C.

Bemis, Robert E., Houston, Tex. Window sash mounting and operating mechanism. 2,449,761, Sept. 21.

Bendix Aviation Corporation, assignee: *See*—
Frei, Jakob R.

Benjamin, Edward B.: *See*—
Lippman, Alfred, Jr., Comstock, and Benjamin.

Best, Clarence S., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine bobbin winder. 2,449,835, Sept. 21.

Best, David M.: *See*—
Claypool, Robbins M., and Best.

Bethlehem Steel Company, assignee: *See*—
Jameson, William H., and Durkee.

Bias, Frank J., Scotia, and H. W. Lord, Schenectady, N. Y., assignors to General Electric Company. Oscillograph apparatus. 2,449,801, Sept. 21.

Biehl, John H., Westmont, N. J. Chance spinner device. 2,449,762, Sept. 21.

Birdsell, Harry R., Cleveland, Ohio. Necktie securing device. 2,449,539, Sept. 21.

Blackman, Frank G., Bluefield, W. Va. Musclage container. 2,449,763, Sept. 21.

Blake, Harold D., and W. J. Winninghoff, Cleveland Heights, Ohio, assignors to General Electric Company. Method and apparatus for manufacturing fluorescent lamps. 2,449,637, Sept. 21.

Blake, Ralph K., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic silver halide emulsions. 2,449,836, Sept. 21.

Bliss, E. W., Company, assignee: *See*—
Cannon, Earl.

Bludworth, Joseph E., M. O. Robeson, and H. A. Truby, Jr., Corpus Christi, Tex., assignors to Celanese Corporation of America. Quantitative determination of unsaturated aldehydes. 2,449,581, Sept. 21.

Bluemink, Gary G., assignor to The Dumore Company, Racine, Wis. Brush holder. 2,449,764, Sept. 21.

Bogen, Samuel, New York, N. Y. Electrical connection of separable character. 2,449,736, Sept. 21.

Bohler, Francis M., Hawthorne, Calif. Foot propelled skate. 2,449,871, Sept. 21.

Boone, Daniel M., Lumberton, and S. C. Boone, Charlotte, N. C. Tobacco stick. 2,449,837, Sept. 21.

Boone, Stephen C.: *See*—
Boone, Daniel M. and S. C.

Borg-Warner Corporation, assignee: *See*—
Carnagua, Harold E.
Le May, Braudice B., Jr.

Bouman, Johannes A. J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Radio receiver or amplifier arranged to be fed from direct current mains. 2,449,685, Sept. 21.

Bower Roller Bearing Company, assignee: *See*—
Johnson, Glen F.

Brasch, Arno, and W. Huber, Brooklyn, N. Y., assignor, by mesne assignments, to Electronized Chemicals Corporation. Electron discharge vessel. 2,449,872, Sept. 21.

Brattain, Paul L., Azusa, Calif. Multiple circuit stand lamp. 2,449,765, Sept. 21.

Brett, George N., and E. A. Smith, Gravesend, assignors to W. T. Hanley's Telegraph Works Company Limited, London, England. Valve suitable for use with cathode-ray tubes and for other purposes. 2,449,838, Sept. 21.

Bridge, Edward W., Philadelphia, Pa. Slicing, cutting, and core-removing machine. 2,449,737, Sept. 21.

Brinda, Steven S., Minneapolis, Minn. Door stop. 2,449,686, Sept. 21.

Brinda, Steven S., Minneapolis, Minn. Door stop. 2,449,687, Sept. 21.

Brinkoeter, Clinton C., assignor to Ed Friedrich, Inc., San Antonio, Tex. Dehydrator for refrigerating systems. 2,449,688, Sept. 21.

Brinson, R. L., Company, assignee: *See*—
Fulton, Joel B.

British Cotton Industry Research Association, The, assignee: *See*—
Foster, George A. R., and Gregory.

Brittle, David F., Weaverville, N. C. Balsa punch. 2,449,839, Sept. 21.

Brockman, George, New York, N. Y. Sun suit type of apparel. 2,449,873, Sept. 21.

Brown, Clyde A., assignor to Dole Valve Company, Chicago, Ill. Means for producing uniform fluid mixtures. 2,449,766, Sept. 21.

Brown Fintube Company, assignee: *See*—
Brown, John W., Jr.

Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company Elyria, Ohio. Apparatus for manufacturing finned tubes. 2,449,840, Sept. 21.

Bruce, John N.: *See*—
Moulsdale, Andrew G., and Bruce.

Bruce, William F., Havertown, and J. Seifter, Willow Grove, assignors to Wyeth Incorporated, Philadelphia, Pa. Substituted glycinamides. 2,449,638, Sept. 21.

Bruning, James M., Mount Vernon, Wash. Machine for the automatic cooling and heating of baby bottles and food. 2,449,874, Sept. 21.

Brusset, Jean A., Blairmore, Alberta, Canada. Pulsating pneumatic stratifier. 2,449,582, Sept. 21.

Bryant Chucking Grinder Company, assignee: *See*—
Arms, Merton H., and Barnard.
Cornell, Elton S.

Buckendale, Lawrence R., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Power transmitting mechanism. 2,449,546, Sept. 21.

Bucy, Roy T.: *See*—
Lotts, Delbert L., Bucy, and Waldron.

Buffalo Ankerite Gold Mines, Ltd., assignee: *See*—
Kinkel, Revere P.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Cord lock and bracket. 2,449,583, Sept. 21.

Burns, Henry L., Yellow Springs, Ohio. Automatic control system for high altitude pressure suits. 2,449,548, Sept. 21.

Burton, Samuel, Los Angeles, Calif. Shirt collar construction. 2,449,584, Sept. 21.

Bury, Paul A.: *See*—
Calvert, Francis E., and Bury.

Butler, Henry J., Beechcroft, Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London County, England. Fluid pressure operated brake and the like. 2,449,802, Sept. 21.

Byrene, Maurice E., United States Army, Lewiston, Idaho. Sweep circuit for cathode-ray tubes. 2,449,549, Sept. 21.

Byrkit, Gordon D., Niagara Falls, N. Y., assignor, by mesne assignments, to The Lubrizol Development Corporation, Cleveland, Ohio. Lubricating oil addition agent. 2,449,547, Sept. 21.

Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Mounting structure for windows. 2,449,875, Sept. 21.

Cahn, Frank J., assignor to The Emulsol Corporation, Chicago, Ill. Esters of alcohol nontertiary amines. 2,449,926, Sept. 21.

Cal-Pan Corporation, assignee: *See*—
Trautmann, Herbert L.

Calvert, Francis E., and P. A. Bury, assignors to The Drackett Company, Cincinnati, Ohio. Plastic compositions and process of making the same. 2,449,876, Sept. 21.

Camp, Elza Q., Goose Creek, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Suppression of corrosion in ferrous alloy vessels in the treatment of hydrocarbons. 2,449,585, Sept. 21.

Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Hydraulic press system with control means yielding high-speed operation thereof. 2,449,639, Sept. 21.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission and control therefor. 2,449,586, Sept. 21.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Forsythe, John W.

Carnell, Paul H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Lubricant. 2,449,689, Sept. 21.

Carpenter, Arthur J.: *See*—
Wak, Peter T., Jr., and Carpenter.

Carpenter, Charles C., Grand Forks, N. Dak. Stretcher with skeletal traction facilities. 2,449,767, Sept. 21.

Carpenter Steel Company, The, assignee: *See*—
Fetzer, Maurice C., and Kemper.

Carswell, Thomas S., Longmeadow, and R. F. Hayes, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Preparation of hydroxyethyl-2,5-dichlorobenzene. 2,449,877, Sept. 21.

Celanese Corporation of America, assignee: *See*—
Bludworth, Joseph E., Robeson, and Truby.

Chain Belt Company, assignee: *See*—
Miller, Arthur E., Viall, and Lindow.

Chambers, John M., Boston, assignor to Arthur D. Little, Inc., Cambridge, Mass. Vertical heating and circulating tube still. 2,449,587, Sept. 21.

Chapman, Fred H., Pepperell, Mass., assignor to The International Paper Box Machine Company, Nashua, N. H. Mechanism for feeding sheets of stiff fibrous material. 2,449,690, Sept. 21.

Charney, Jesse, New York, N. Y., assignor to Wyeth Incorporated, Philadelphia, Pa. Solutions of riboflavin. 2,449,640, Sept. 21.

Checkon, John, Gary, Ind. Atomizer. 2,449,927, Sept. 21.

Cheeseman, Charles H.: *See*—
Putnam, David F., and Cheeseman.

Chrysler Corporation, assignee: *See*—
Cadwallader, Robert.
Edwards, Franklin W.
Lotts, Delbert L., Bucy, and Waldron.
Tansley, John A.

Cidissen, John, Los Angeles, Calif. Abdominal support. 2,449,641, Sept. 21.

Clafford, Floyd R., Park Ridge, Ill. Adjustable pipe union. 2,449,588, Sept. 21.

Clarke, George, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on shoes. 2,449,589, Sept. 21.

Clausing, George, and C. B. Gary, assignors to Vulcan Corporation, Portsmouth, Ohio. Copying lathe. 2,449,878, Sept. 21.

Claypool, Robbins M., Bellaire, and D. M. Best, Houston, Tex. Apparatus for washing over, releasing, and withdrawing tubular structures from wells. 2,449,841, Sept. 21.

Collison, William J., San Diego, Calif. Cutin fitting. 2,449,803, Sept. 21.

Colpaert, Loger C., Detroit, Mich. Boat speedometer. 2,449,590, Sept. 21.

Columbia Mills, Inc., The, assignee: *See*—
Burns, Fred J.

Commanday-Roth Co., Inc., assignee: *See*—
Roth, Louis H.

Comstock, Rock L.: *See*—
Lippman, Alfred, Jr., Comstock, and Benjamin.

Consolidated Vultee Aircraft Corporation, assignee: *See*—
Druliner, Joseph M.

Cook, Richard R., assignee: *See*—
Wilson, Ray.

Coons, William H., Lomita, Calif. Well washer and tester. 2,449,642, Sept. 21.

Corkery, Frank W., Crafton, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Synthetic rubber reclaimed with a reclaiming oil composed of solvent naphtha and an aromatic hydrocarbon oil. 2,449,879, Sept. 21.

Corkery, Frank W., Crafton, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Synthetic rubber plasticized with a composition composed essentially of an aromatic hydrocarbon oil. 2,449,928, Sept. 21.

Corkery, Frank W., Crafton, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Elastomer plasticizing composition composed of coumarone resin and an aromatic hydrocarbon oil. 2,449,929, Sept. 21.

Cornell, Elton S., Charlestown, N. H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Work gauge. 2,449,842, Sept. 21.

Cornell, Robert C., Jackson, assignor to The Dow Chemical Company, Midland, Mich. Heat-treating magnesium-alloy die castings. 2,449,768, Sept. 21.

Corning Glass Works, assignee: *See*—
Hyde, James F.

Corte, Joseph P. D.: *See*—
Penfold, Hilliard F., and Corte.

Cosby, John N., Morristown, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Benzonitrile production from benzene or diphenyl and HCN. 2,449,643, Sept. 21.

Couse, Kibbey W., Newark, N. J. Protective packing means. 2,449,591, Sept. 21.

Cox, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Modified optical objective having a simple divergent component air spaced between two compound convergent components. 2,449,769, Sept. 21.

Cox, James L., Ramsey, assignor to Duro-Test Corporation, North Bergen, N. J. Light source. 2,449,880, Sept. 21.

Crandall, Bee C., Memphis, Tenn. Venturi ring machine. 2,449,881, Sept. 21.

Cread Engineering and Research Company, assignee: *See*—
Gilman, Wilbert M.

Curtis, Helene, Industries, Inc., assignee: *See*—
Nemeth, Otto R.

Cutten, Arthur F., assignee: *See*—
Slatkin, Alfred D.

Daddario, Joseph D., Franklin, Mass. Distributor for airborne fibers. 2,449,592, Sept. 21.

Dake, George E., Parkersburg, W. Va., and J. A. Lyne, Houston, Tex., assignors to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Oil emulsion treater. 2,449,738, Sept. 21.

D'Alello, Gaetano F., Northampton, and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Nitroalcohol esters of acrylic acid and interpolymers produced from the same. 2,449,804, Sept. 21.

Danforth, Joseph D., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of N,N dibutyl phenethylamine. 2,449,644, Sept. 21.

Daniels, Amy J., North Wilbraham, Mass. Holder for intravenous apparatus. 2,449,882, Sept. 21.

Davenport, Belle F.: *See*—
Neuhoff, Ermaline G., and Davenport.

Davey, Paul H., Kent, Ohio. Compressor. 2,449,930, Sept. 21.

Davis, John L.: *See*—
Sellers, Jesse E., and Davis.

Dawes, Travis J.: *See*—
Graves, Arnold, and Dawes.

Deal, Mildred T., Cleveland, Ohio. Reweaving machine. 2,449,691, Sept. 21.

De Forest, Alfred V., Marlboro, N. H., assignor to The Baldwin Locomotive Works. Fatigue indicator. 2,449,883, Sept. 21.

Demattels, Julian, Batavia, Iowa. Turbine. 2,449,931, Sept. 21.

Dempsey, Harold L., Columbus, Ohio, assignor to Ditto, Incorporated, Chicago, Ill. Running direct process gummed units. 2,449,770, Sept. 21.

Develay, Cesar, and G. M. Galvier, Paris, France. Automatic cupping device. 2,449,805, Sept. 21.

Di Monico, George S.: *See*—
Leathers, Ward, and Di Monico.

Disney, Walt, Productions, assignee: *See*—
Iwerks, Ubbe E.
Jones, Richard.

Distillers Company, Limited, The, assignee: *See*—
Staudinger, Hanns P., Faulkner, and Wright.

Ditto, Incorporated, assignee: *See*—
Dempsey, Harold L.
Hess, Arthur L.

Diversified Designing & Machine Products Corporation, assignee: *See*—
Williams, Eugene D.

Dolan, Charles H., II, Old Greenwich, Conn. Liner for engine cylinders. 2,449,771, Sept. 21.

Dole Valve Company, assignee: *See*—
Brown, Clyde A.

Domler, Charles A., Johnston, R. I. Strap. 2,449,884, Sept. 21.

Domler, Charles A., Johnston, R. I. Strap with inseparable ends. 2,449,885, Sept. 21.

Dougherty, John S., Jackson Heights, N. Y. Apparatus for magnifying the images on television screens. 2,449,886, Sept. 21.

Dow Chemical Company, The, assignee: *See*—
Cornell, Robert C.
Meyer, Frederick J.

Drackett Company, The, assignee: *See*—
Calvert, Francis E., and Bury.

Drake, Frederick H., Boonton, N. J. Jib sheet shackle. 2,449,593, Sept. 21.

Druliner, Joseph M., North Hollywood, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Collator. 2,449,594, Sept. 21.

Dumore Company, The, assignee: *See*—
Bluemink, Gary G.

Dunlop Rubber Company Limited, assignee: *See*—
Butler, Henry J.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Blake, Ralph K.
Du Pont, James Q., and Jones.
Filbert, William F.
Miller, Henry C., and Pratt.

Du Pont, James Q., Wilmington, Del., and E. R. Jones, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting plug. 2,449,645, Sept. 21.

Durkee, E. Leland: *See*—
Jameson, William H., and Durkee.

Duro-Test Corporation, assignee: *See*—
Cox, James L.

Duttera, William S., Lynbrook, N. Y., assignor to Radio Corporation of America. Apparatus for detecting variations in load impedances. 2,449,739, Sept. 21.

Eastman Kodak Company, assignee: *See*—
Hanson, Wesley T., Jr.
Weissberger, Arnold.

Eastman Oil Well Survey Company, assignee: *See*—
Schmidt, Fred H.

Edel, Robert O., Frankenmuth, and L. Sutton, Bridgeport, Mich. Collet chuck. 2,449,887, Sept. 21.

Edwards, Franklin W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Compressor drive control. 2,449,888, Sept. 21.

Eichberg, Robert L., Arlington, Va., and H. R. Montague, Washington, D. C. Battery adapter. 2,449,550, Sept. 21

Eichendorff, Bruno E., San Francisco, Calif. Spoon leader. 2,449,692, Sept. 21.

Eisen, Carl, Bronx, N. Y. Fluid press motor and control valve therefor. 2,449,889, Sept. 21.

Electronized Chemicals Corporation, assignee: *See*—
Brasch, Arno, and Huber.

Ellis, William D., III, Atlanta, Ga. Reinforced plastic material. 2,449,595, Sept. 21.

Emde, Kurt, Itasca, Ill., assignor to Zenith Radio Corporation. Vacuum tube lock. 2,449,646, Sept. 21.

Emulsol Corporation, The, assignee: *See*—
Cahn, Frank J.

Ericson, Sigge H., Brooklyn, N. Y. Sludge pumping apparatus. 2,449,596, Sept. 21.

Fairbanks, Henry N., Beverly Hills, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Kinetograph movement. 2,449,693, Sept. 21.

Fairchild Camera and Instrument Corporation, assignee: *See*—
Penfold, Hilliard F., and Corte.

Faulkner, Donald: *See*—
Staudinger, Hanns P., Faulkner, and Wright.

Felser, Joseph, Jr., Guam, Marianas Islands. Pressure unloader for compressors. 2,449,740, Sept. 21.

Ferrenberg, Roy R., assignor of twenty-five per cent to S. Switzer, Latrobe, Pa. Window blind and curtain rod holder. 2,449,597, Sept. 21.

Fetzer, Maurice C., Wyomissing, and W. H. Kemper, Temple, assignors to The Carpenter Steel Company, Reading, Pa. Cold hobbable steel. 2,449,806, Sept. 21.

Filbert, William F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration product of a hydroxy amide. 2,449,843, Sept. 21.

Filtrol Corporation, assignee: *See*—
Gary, Wright W., and Secor.

Fisher, Charles H.: *See*—
Mast, William C., Rehberg, and Fisher.

Fitzgerald, Reginald P., assignor to Pneumatic Drop Hammer Company, Braintree, Mass. Drop hammer. 2,449,647, Sept. 21.

Fitzpatrick, Genevieve M., Portland, Oreg. Baby harness for chairs. 2,449,741, Sept. 21.

Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Method of and apparatus for manufacturing flash lamps. 2,449,648, Sept. 21.

Foltis, Anestis, Jackson Heights, N. Y. Toilet paper holder attachment. 2,449,598, Sept. 21.

Forney, James D., Fort Collins, Colo. Welding transformer. 2,449,649, Sept. 21.

Forsythe, John W., deceased, by M. A. Forsythe, executrix, Wilkinsburgh, and E. J. Smotzer, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Thawing materials. 2,449,932, Sept. 21.

Forsythe, Mary A., executrix: *See*—
Forsythe, John W.

Foster, George A. R., and J. Gregory, assignors to The British Cotton Industry Research Association, Didsbury, Manchester, England. Method and apparatus for doffing spinning frames and the like. 2,449,742, Sept. 21.

Frei, Jakob R., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Coupling means. 2,449,807, Sept. 21.

French, Frederick A.: *See*—
Souders, Mott, Jr., and French.

Friedrich, Ed, Inc., assignee: *See*—
Brinkoeter, Clinton C.

Froelich, Edward, New York, N. Y. Eyeglass. 2,449,694, Sept. 21.

Frondel, Clifford, Flushing, assignor to Reeves-Ely Laboratories, Inc., New York, N. Y. Quartz oscillator plates. 2,449,844, Sept. 21.

Fulton, Joel B., assignor to R. L. Brinson Company, trading as Transport Apparatus and Device Company, High Point, N. C. Air controlled throttle. 2,449,599, Sept. 21.

Galloway, Arthur L., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Fumigating package. 2,449,695, Sept. 21.

Galvier, Gaston M.: *See*—
Develay, Cesar, and Galvier.

Garand, John C., Springfield, Mass., assignor to United States of America, as represented by the Secretary of War. Telescope mount. 2,449,551, Sept. 21.

Garlick, Robert C., East Longmeadow, Mass. Pick for stringed instruments. 2,449,890, Sept. 21.

Garrett Corporation, Airesearch Manufacturing Company division, The, assignee: *See*—
Andersen, Soren K.

Gary, Charles B.: *See*—
Clausing, George, and Gary.

Gary, Wright W., Los Angeles, and R. B. Secor, South Gate, assignors to Filtrol Corporation, Los Angeles, Calif. Ammoniated acid activated montmorillonite catalyst and preparation thereof. 2,449,891, Sept. 21.

Gates Rubber Company, assignee: *See*—
Nassimbene, Ernest.

Geddes, Walter H., and P. W. Schanke, assignors to United Aircraft Products, Inc., Dayton, Ohio. Oil temperature regulator. 2,449,696, Sept. 21.

Geiger, John F., Buffalo, N. Y. Cargo tie down. 2,449,600, Sept. 21.

General Aniline & Film Corporation, assignee: *See*—
Ney, William O.

General Electric Company, assignee: *See*—
Admiraal, Daniel J. H.
Ayers, Edgar H.
Bias, Frank J., and Lord.
Blake, Harold D., and Winninghoff.
D'Alello, Gaetano F., and Underwood.
Flaws, John, Jr.
Greiner, Alfred.
Isaac, Elmer B., and Rippl.
Keiffer, Raymond L.
Newkirk, Arthur E.
Seaman, Joseph W.
Seitz, August W.
Sellers, Jesse E., and Davis.
Van Horn, Irving H.
Von Hoorn, Fred G.
Welsh, Charles E.
Wilcock, Donald F.

General Mills, Inc., assignee: *See*—
Aske, Leonard E.

General Motors Corporation, assignee: *See*—
Martin, Edward J., and Sproull.
Rippingille, Edward V.

General Tire & Rubber Company, The, assignee: *See*—
Kraft, Herman T.

Ghisletta, Franklin C., Patterson Calif. Hair clip. 2,449,845, Sept. 21.

Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Making phosphorus- and sulfur-containing organic reaction products. 2,449,933, Sept. 21.

Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,449,934, Sept. 21.

Gibbs, William J., Brooklyn, N. Y. Apparatus for storing stacked articles. 2,449,892, Sept. 21.

Gilman, David M., Chelsea, Mass. Lock bolt or nut. 2,449,846, Sept. 21.

Gilman, Frederick C., Pompton Lakes, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Hermetically sealed submersible pumping structure. 2,449,772, Sept. 21.

Gilman, Martin J., Gilman, Conn. Toy football dummy. 2,449,935, Sept. 21.

Gilman, Wilbert M., Wellesley Hills, Mass., assignor to Cread Engineering and Research Company, Cranston, R. I. Clutch and brake mechanism. 2,449,893, Sept. 21.

Glasgow, Frances K., Long Beach, assignor of forty per cent to H. H. Jamieson, Los Angeles, Calif. Foot wrapper. 2,449,936, Sept. 21.

Glick, Jack, Bronx, assignor to The Gluckin Corporation, New York, N. Y. Brassière. 2,449,808, Sept. 21.

Gluckin Corporation, The, assignee: *See*—
Glick, Jack.

Gohr, Edwin J., Summit, H. Z. Martin, Roselle, and C. W. Tyson, Summit, N. J., assignors to Standard Oil Development Company. Apparatus for contacting solids and gaseous fluids. 2,449,601, Sept. 21.

Goldman, Maurice A., assignor to Johnson & Johnson, New Brunswick, N. J. Corrugated disk filter. 2,449,809, Sept. 21.

Goodman Manufacturing Company, assignee: *See*—
Holstein, John H.
Sloane, William W.

Gorham, John E., Spring Lake, and H. A. Zahl, Long Branch, N. J. Spark gap. 2,449,552, Sept. 21.

Grant Oil Tool Company, assignee: *See*—
Santiago, James J.

Graves, Arnold, Surbiton, and T. J. Dawes, Bridgefield, Farnham, assignors to Alltools, Limited, Brentwood, Middlesex, England. Ionization chambers, Geiger-Muller tubes, and the like. 2,449,697, Sept. 21.

Gregory, James: *See*—
Foster, George A. R., and Gregory.

Greiner, Alfred, Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and method of manufacture. 2,449,650, Sept. 21.

Groetchen, Richard, Chicago, Ill. Rotary cooker. 2,449,937, Sept. 21.

Gross, Frederick B.: *See*—
Helber, Carlyle L., and Gross.

Guenther, Frank S., Trenton, N. J. Device for decorating materials. 2,449,810, Sept. 21.

Gyro-Balance Corporation, assignee: *See*—
Minorsky, Nicolai.

H-P-M Development Corporation, assignee: *See*—
Waldie, George A.

Hall, Fred B., assignor to Riley Stoker Corporation, Worcester, Mass. Stoker tuyère. 2,449,602, Sept. 21.

Hallock, Robert L., Larchmont, N. Y. Grid for ice trays. 2,449,743, Sept. 21.

Hamilton, Robert M.: *See*—
Nichols, Peter L., Jr., and Hamilton.

Hammon, Lester, Poplar Bluff, Mo. Cornstalk lifting device. 2,449,603, Sept. 21.

Hammond Machinery Builders, Inc., assignee: *See*—
Krueger, Edward C.

Hansel, Paul G., Red Bank, N. J. Radio compass. 2,449,553, Sept. 21.

Hansen, Fred E., Lakewood, Ohio. Coupling. 2,449,938, Sept. 21.

Hanson, Wesley T., Jr., Knoxville, assignor to Eastman Kodak Company, Rochester, N. Y. Integral mask for color film. 2,449,966, Sept. 21.

Hardt, Ben F.: *See*—
Noble, John C., and Hardt.

Hardwick, Pierre M., Los Angeles, Calif. Swivel coupling. 2,449,744, Sept. 21.

Harford, Dwight L., assignor to A. P. Johnson, Downey, Calif. Multivoltage dry battery. 2,449,811, Sept. 21.

Hargreaves, Robert, and A. O. Roy, assignors to Whitin Machine Works, Whitinsville, Mass. Spindle brake. 2,449,773, Sept. 21.

Hartford National Bank and Trust Company, assignee, trustee: *See*—
Bailey, Christopher E. G.
Bouman, Johannes A. J.

Hartley, Leonard, Mount Shasta, Calif. Pole butt. 2,449,698, Sept. 21.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Retractable keeper for door fasteners. 2,449,774, Sept. 21.

Hathaway, Claude M., assignor to M. S. Merrill, Denver, Colo. Electronic circuit for triggering stroboscopic devices. 2,449,651, Sept. 21.

Hayes, Ralph F.: *See*—
Carswell, Thomas S., and Hayes.

Hays, John H., assignee: *See*—
Van Riper, John C.

Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Manufacturing alumina gel from amalgamated aluminum. 2,449,847, Sept. 21.

Hefele, John R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse-actuated circuit. 2,449,848, Sept. 21.

Helber, Carlyle L., U. S. Navy, and F. B. Gross, Langley, Va. Hydropneumatic accumulator type power plant with differential speed motor. 2,449,554, Sept. 21.

Hendriksen, Wealtha E., assignor to Hydrocarbon Research, Inc., New York, N. Y. Catalytic synthesis of hydrocarbons. 2,449,775, Sept. 21.

Henley's, W. T., Telegraph Works Company Limited, assignee: *See*—
Brett, George N., and Smith.

Hennessy, James J., Montclair, N. J. Lubricator distributor. 2,449,894, Sept. 21.

Hennessy, James J., Montclair, N. J. Railway journal bearing. 2,449,895, Sept. 21.

Hennie, Doris J., Little Falls, N. J. Blouse anchor. 2,449,896, Sept. 21.

Herman Pneumatic Machine Company, assignee: *See*—
Johnston, Loyal L.

Hervey, Laurence R. B., Concord, and A. C. Whitaker, Boston, Mass., assignors to the United States of America, as represented by the Secretary of War. Water-soluble coating composition for paper. 2,449,812, Sept. 21.

Hess, Arthur L., Cincinnati, Ohio, assignor to Ditto, Incorporated, Chicago, Ill. Unit strip assembly method and apparatus. 2,449,776, Sept. 21.

Heston, Allen L., assignor to National Rubber Machinery Company, Akron, Ohio. Extrusion press. 2,449,652, Sept. 21.

Heyberger, Francis, Old Greenwich, Conn. Writing instrument. 2,449,939, Sept. 21.

Heywood-Wakefield Company, assignee: *See*—
Bell, Alfred B.

Higgins, John M., Boulder City, Nev. Tourist film guide. 2,449,699, Sept. 21.

Hinkle, George A., New York, and A. T. Weger, Baldwin, N. Y. Knee lock for artificial legs. 2,449,897, Sept. 21.

Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Recovery of acidic gases. 2,449,537, Sept. 21.

Holmes, Robert E., Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Locking means for flexible chutes. 2,449,849, Sept. 21.

Holstein, John H., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker conveyers. 2,449,777, Sept. 21.

Hopkins, Werner B., and T. T. Oberg, Dayton, Ohio. Overload release flexible coupling. 2,449,555, Sept. 21.

Hower, Bruce A., Gary, Ind. Cadaver lifter. 2,449,898, Sept. 21.

Hubbard and Company, assignee: *See*—
Ackerman, Harold S.

Hubbard, Harriette E., assignee: *See*—
Hubbard, Irvin R.

Hubbard, Irvin R., Beaver Dam, Wis., assignor, by decree of court, to H. E. Hubbard. Fish lure. 2,449,700, Sept. 21.

Huber, Wolfgang: *See*—
Brasch, Arno, and Huber.

Hughes Tool Company, assignee: *See*—
Holmes, Robert E.

Huhle, Alwin P., Elmont, N. Y. Automobile jack. 2,449,850, Sept. 21.

Hyde, Frank J., Sharon, Pa. Clothes pole and cap therefor. 2,449,778, Sept. 21.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organo-di-siloxanes and making them. 2,449,940, Sept. 21.

Hydrocarbon Research, Inc., assignee: *See*—
Hendriksen, Wealtha E.

Imperial Chemical Industries Limited, assignee: *See*—
Bacon, Reginald G. R., Taylor, and Wood.

Imperial, Michael, University City, assignor to Skinner & Kennedy Stationery Company, St. Louis, Mo. Folding hand fan. 2,449,701, Sept. 21.

International Business Machines, assignee: *See*—
Leathers, Ward, and Di Monico.

International Paper Box Machine Company, The, assignee: *See*—
Chapman, Fred H.

Isaac, Dorothy J., administratrix: *See*—
Isaac, Elmer B., and Rippl.

Isaac, Elmer B., deceased, by D. J. Isaac, administratrix, University Heights, and F. J. Rippl, Cleveland, Ohio, assignors to General Electric Company. Filament forming apparatus. 2,449,653, Sept. 21.

Iwerks, Ubbe E., Van Nuys, assignor to Walt Disney Productions, Burbank, Calif. Animating device. 2,449,702, Sept. 21.

Jackson, Byron, Co., assignee: *See*—
Lundeen, Chester A.

Jackson, Corwill, assignor to Jackson Vibrators, Inc., Ludington, Mich. Concrete placement machine. 2,449,851, Sept. 21.

Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Quick-acting valve. 2,449,604, Sept. 21.

Jackson Vibrators, Inc., assignee: *See*—
Jackson, Corwill.

Jaeschke, Ralph L., Kenosha, Wis., assignor to M. P. Winther, Waukegan, Ill. Speed control for dynamoelectric apparatus. 2,449,779, Sept. 21.

Jameson, William H., and E. L. Durkee, Bethlehem, Pa., assignors to Bethlehem Steel Company. Wing raising device for floating dry docks. 2,449,780, Sept. 21.

Jameson, William H., and E. L. Durkee, Bethlehem, Pa., assignors to Bethlehem Steel Company. Apparatus for lifting massive objects. 2,449,781, Sept. 21.

Jamieson, Hamer H., assignee: *See*—
Glasgow, Frances K.

Jauhiainen, Donald, Iron River, Mich. Eggshell remover. 2,449,941, Sept. 21.

Jefferson Electric Company, assignee: *See*—
Rickmeyer, Ernst W.

Jessop, Robert E. E., West Vancouver, British Columbia, Canada. Shaft coupling. 2,449,654, Sept. 21.

Jewell, Walter E., Los Angeles, Calif. Shot blasting machine. 2,449,745, Sept. 21.

Johns, Henry S., Cleveland Heights, Ohio. Basket. 2,449,899, Sept. 21.

Johnson, A. Parley, assignee: *See*—
Harford, Dwight L.

Johnson, Cloyd B., Tulsa, Okla. Snatch block. 2,449,703, Sept. 21.

Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Making antifriction bearing assemblies. 2,449,942, Sept. 21.

Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Making antifriction bearings. 2,449,943, Sept. 21.

Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Assembling roller bearings and lock rings therefor. 2,449,944; Sept. 21.

Johnson & Johnson, assignee: *See*—
Goldman, Maurice A.

Johnston, Loyal L., Zelienople, assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa. Apparatus for forming molds for centrifugal casting and centrifugally casting products therein. 2,449,900, Sept. 21.

Jones, Earl R.: *See*—
Du Pont, James Q., and Jones.

Jones, Frank L., Millbank, London, assignor to Minister of Supply, in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Spark gap. 2,449,967, Sept. 21.

Jones, Kenneth W., Enfield, assignor to K. Warner-Jones and Company Limited, London, England. Gear drive for printing and other machines. 2,449,852, Sept. 21.

Jones, Philip, Los Angeles, Calif. Inclinometer. 2,449,704, Sept. 21.

Jones, Richard, assignor to Walt Disney Productions, Burbank, Calif. Sound picture magazine projector of the continuously moving film type. 2,449,705, Sept. 21.

Jones, Theodore C., Louisville, Ky. Galvanic water processing apparatus. 2,449,706, Sept. 21.

Kaiser Company, The, assignee: *See*—
Bedford, Clay P.

Kaiser, William A., Syracuse, N. Y. Electromagnetic drive. 2,449,901, Sept. 21.

Karp, George, Los Angeles, Calif. Inhaler. 2,449,853. Sept. 21.

Keese, Beverly W.: *See*—
Buckendale, Lawrence R., and Keese.

Keiffer, Raymond L., Cleveland Heights, Ohio, assignor to General Electric Company. Coating apparatus for tubular objects. 2,449,655, Sept. 21.

Kell, Robert W., Oak Park, assignor to National Aluminate Corporation, Chicago, Ill. Process of minimizing the production of foam in steam generators. 2,449,656, Sept. 21.

Kelton, Gilbert P., Dorris, Calif. Rotary cylindrical splitter and planer head. 2,449,605, Sept. 21.

Kemper, William H.: *See*—
Fetzer, Maurice C., and Kemper.

Kershaw, Knox: *See*—
Praytor, Dennis M., and Kershaw.

Kertesz, Carl: *See*—
Tanguay, Edgar, Kertesz, and Krakauer.

Klersted, Wynkoop, Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Filtration. 2,449,902, Sept. 21.

Kinetic Chemicals, Inc., assignee: *See*—
Rhodes, William W.

Kinkel, Revere P., assignor to Buffalo Ankerite Gold Mines, Ltd., South Porcupine, Ontario, Canada. Wear plate for jaw crushers. 2,449,746, Sept. 21.

Kirkley, Henry B., Camden, N. J. Differential leakage indicator. 2,449,556, Sept. 21.

Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Piston. 2,449,657, Sept. 21.

Klause, Edward J.: *See*—
Linder, Otto A., and Klause.

Knauert, William F., Yonkers, assignor to Sonotone Corporation, Elmsford, N. Y. Electromagnetic earphone receiver. 2,449,557, Sept. 21.

Knitter, Chester C., Chicago, Ill. Bicycle stoplight. 2,449,782, Sept. 21.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Flexible cover for tire repair vulcanizers and method of making. 2,449,606, Sept. 21.

Krakauer, Samuel: *See*—
Tanguay, Edgar, Kertesz, and Krakauer.

Krakauer, Wallace: *See*—
Tanguay, Edgar, Kertesz, and Krakauer.

Kramer, Ferdinand, Port Chester, N. Y. Lounge chair. 2,449,747. Sept. 21.

Kraus, Michael B., Jr.: *See*—
Shriro, Morris A., and Kraus.

Krueger, Edward C., Otsego, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Casting machine. 2,449,854, Sept. 21.

Laidig, Alfred H., Bloomfield, and F. T. May, Verona, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus for coating the inside surfaces of tubular vitreous envelopes. 2,449,783, Sept. 21.

La Macchia, Pasquale, Gilroy, Calif. Drying tray. 2,449,658, Sept. 21.

Lane, Russell C., San Carlos, Calif. Quick coupling for hose. 2,449,659, Sept. 21.

Langstaff, Robert, Donora, Pa. Sectional dining table. 2,449,903, Sept. 21.

Lanier, Harold H., United States Navy, Langdale, Ala., and R. E. Mueller, United States Navy, St. Louis, Mo. Cathode-ray tube. 2,449,558, Sept. 21.

La Riccia, Anthony, Cleveland Heights, and T. W. Plante, Cleveland, Ohio. Pipe coupling. 2,449,607, Sept. 21.

Lawhorne, William M., Primos, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa. Cable connector. 2,449,660, Sept. 21.

Lawson, Anna, Detroit, Mich. Safety lowering device for use as a fire escape. 2,449,813, Sept. 21.

Leathers, Chester F., Detroit, Mich. Welding mechanism. 2,449,707, Sept. 21.

Leathers, Ward, and G. S. Di Monico, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Magnetic leveling device for gyroscopic rotors. 2,449,661, Sept. 21.

Leeson, Stanley R., Dallas, Tex. Journal bearing sleeve. 2,449,662, Sept. 21.

Le May, Braudice B., Jr., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission and control therefor. 2,449,608, Sept. 21.

Lewis, Arthur T., Toronto, Ontario, Canada. Apparatus for handling rolls of flexible sheet material. 2,449,945, Sept. 21.

Liman, Kerupe H., Rye, N. Y. Safety device for motorists. 2,449,784, Sept. 21.

Linder, Otto A., and E. J. Klause, Philadelphia, Pa. Ladder foot. 2,449,609, Sept. 21.

Lindow, Rudolph F.: *See*—
Miller, Arthur E., Viall, and Lindow.

Lindsay, Leslie B., Kirkland Lake, Ontario, Canada. Hockey goal. 2,449,708, Sept. 21.

Lippman, Alfred, Jr., R. L. Comstock, Weeks, and E. B. Benjamin, assignors to Bay Chemical Company, Inc., New Orleans, La. Composition and process for curing lumber and product. 2,449,785, Sept. 21.

Little, Arthur D., Inc., assignee: *See*—
Chambers, John M.

Lockwood, George H., and D. F. Way, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Getter. 2,449,786, Sept. 21.

Long, John D., Westfield, N. J., assignor to Standard Oil Development Company. Extractive distillation of butanes and butenes with acetone solvent. 2,449,610, Sept. 21.

Lord, Harold W.: *See*—
Bias, Frank J., and Lord.

Lorraine, Edward C., Elmhurst, N. Y. Edge molding. 2,449,904, Sept. 21.

Lotts, Delbert L., Kent, Ohio, R. T. Bucy, and H. E. Waldron, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power unit. 2,449,905, Sept. 21.

Lubrizol Development Corporation, The, assignee: *See*—
Byrkit, Gordon D.

Luft, Homer G., Dearborn, Mich. Snap-action latch for work holding vice. 2,449,748, Sept. 21.

Lundeen, Chester A., Los Angeles, assignor to Byron Jackson Co., Vernon, Calif. Well pipe elevator. 2,449,559, Sept. 21.

Lupton, McSherry, Winchester, Va. Endless conveyer for fruit grading machines. 2,449,611, Sept. 21.

Lyne, Joe A.: *See*—
Dake, George E., and Lyne.

Mackie-Lovejoy Manufacturing Company, assignee: *See*—
Renner, William M.

Magnavox Company, The, assignee: *See*—
Pridham, Edwin S.

Marcalus, Nicholas, West Englewood, N. J. Interfolding. 2,449,663, Sept. 21.

Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Longitudinal actuating apparatus. 2,449,855, Sept. 21.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of spheroidal silica-alumina gel particles. 2,449,664, Sept. 21.

Markem Machines Company, assignee: *See*—
Putnam, David F., and Cheeseman.

Marshall, Samuel W., Jr., U. S. Army. Gas operation of firearms action slides. 2,449,560, Sept. 21.

Martin, Edward J., Pleasant Ridge, and W. T. Sproull, assignors to General Motors Corporation, Detroit, Mich. Method and means for demagnetizing. 2,449,946, Sept. 21.

Martin, Homer Z.: *See*—
Gohr, Edwin J., Martin, and Tyson.

Mast, William C., Philadelphia, C. E. Rehberg, Glenside, and C. H. Fisher, Abington, Pa., assignors to The United States of America as represented by the Secretary of Agriculture. Synthetic rubberlike materials. 2,449,612, Sept. 21.

May, Frederick T.: *See*—
Laidig, Alfred H., and May.

McGary, Charles E.: *See*—
McGary, Francis L. and C. E.

McGary, Francis L., and C. E. Hardinsburg, Ky. Shear. 2,449,561, Sept. 21.

McNitt, Robert J., Perth Amboy, N. J. Apparatus for regulating the transfer of heat in fused bath electrolytic cells. 2,449,856, Sept. 21.

Meadows, Robert L., Arlington, Va. Heavy duty trailer and tractor lifting unit. 2,449,947, Sept. 21.

Meier, Allen S., Xenia, Ohio, assignor to The United States of America as represented by the Secretary of War. Antenna. 2,449,562, Sept. 21.

Melanson, Joseph W., Toronto, Ontario, Canada. Saw set. 2,449,814, Sept. 21.

Merrill, Marcellus S., assignee: *See*—
Hathaway, Claude M.

Mesite, James V., Baltimore, Md. Refrigerator defrosting deflector. 2,449,709, Sept. 21.

Metals & Controls Corporation, assignee: *See*—
Ottmar, Jerome.

Metzger, William J., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism. 2,449,665, Sept. 21.

Meyer, Frederick J., assignor to The Dow Chemical Company, Midland, Mich. Preservation of cellulosic materials. 2,449,787, Sept. 21.

Miller, Arthur E., G. K. Viall, Milwaukee, and R. F. Lindow, Wauwatosa, assignors to Chain Belt Company, Milwaukee, Wis. Concrete spreading apparatus. 2,449,710, Sept. 21.

Miller, Henry C., Claymount, and B. C. Pratt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reactions of inorganic polyisocyanates and polyisothiocyanates. 2,449,613, Sept. 21.

Milligon, Joseph H., Framingham, Mass. Door lock. 2,449,711, Sept. 21.

Milne, John S., assignor to Sears, Roebuck and Co., Chicago, Ill. Flush tank mechanism. 2,449,948, Sept. 21.

Miner, W. H., Inc., assignee: *See*—
Haseltine, Stacy B.

Minorsky, Nicolai, Bethesda, Md., assignor to Gyro-Balance Corporation, Greenwich, Conn. Balancing machine. 2,449,563, Sept. 21.

Mitchell Camera Corporation, assignee: *See*—
Fairbanks, Henry N.

Monsanto Chemical Company, assignee: *See*—
Carswell, Thomas S., and Hayes.

Montague, Homer R.: *See*—
Eichberg, Robert L., and Montague.

Morris, Rupert C.: *See*—
Shokal, Edward C., and Morris.

Morris, Rupert C., and J. L. Van Winkle, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Hydrogenated linear polymers and copolymers of branch-chain hexadienes. 2,449,949, Sept. 21.

Moseley, Nicholas, Sandy Hook, Conn. Culinary strainer for puréeing food. 2,449,686, Sept. 21.

Moulsdale, Andrew G., Abingdon, and J. N. Bruce, Baltimore, Md. Eyepiece adapter. 2,449,564, Sept. 21.

Mueller, Max B., Dumont, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Oxidation of heterocyclic aromatic nitrogen compounds. 2,449,906, Sept. 21.

Mueller, Robert E.: *See*—
Lanier, Harold H., and Mueller.

Mulvany, Harry A., Berkeley, Calif. Heating element support. 2,449,712, Sept. 21.

Nageotte, Neil S., Lansing, Mich. Equipment for attaching price tags to greeting cards. 2,449,614, Sept. 21.

Nash-Kelvinator Corporation, assignee: *See*—
Kishline, Floyd F.

Nassimbene, Ernest, assignor to Gates Rubber Company, Denver, Colo. Connector for belt. 2,449,950, Sept. 21.

National Aluminate Corporation, assignee: *See*—
Kell, Robert W.

National Malleable and Steel Castings Company, assignee: *See*—
Metzger, William J.

National Rubber Machinery Company, assignee: *See*—
Heston, Allen L.

National Sewing Machine Company, assignee: *See*—
Best, Clarence S.

Nemeth, Otto R., Chicago, Ill., assignor, by mesne assignments, to Helene Curtis Industries, Inc. Cooling system for portable motion-picture projectors. 2,449,713, Sept. 21.

Neuhoff, Ermaline G., and B. F. Davenport, Los Angeles, Calif. Combination undergarment. 2,449,857, Sept. 21.

Newkirk, Arthur E., Schenectady, N. Y., assignor to General Electric Company. Resolution of azeotropic mixtures of chlorosilanes. 2,449,815, Sept. 21.

New Products Corporation, assignee: *See*—
Banker, Oscar H.

Ney, William O., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized heat polymerizable N-vinyl pyrrole compositions. 2,449,951, Sept. 21.

Nichols, Peter L., Jr., and R. M. Hamilton, Philadelphia, Pa., assignors to The United States of America as represented by the Secretary of Agriculture. Plastic material from allyl starch. 2,449,816, Sept. 21.

Noble, John C., Bath Township, Greene County, and B. F. Hardt, Dayton, Ohio. Radio system. 2,449,565, Sept. 21.

Nordell, Robert, Sundbyberg, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Device for signalling or releasing by electric power capacitors. 2,449,817, Sept. 21.

Oberg, Ture T.: *See*—
Hopkins, Werner B., and Oberg.

Olin, Norman E., New York, N. Y. Picture frame. 2,449,907, Sept. 21.

Olsen, Arnold O., Brooklyn, N. Y. Brush cleaning device. 2,449,818, Sept. 21.

Olson, John W.: *See*—
Bechle, Charles W., and Olson.

Osborn Manufacturing Company, The, assignee: *See*—
Peterson, Ruben O.

Osman, Ertogroul: *See*—
Alvarez, Octavio J., and Osman.

Ottmar, Jerome, assignor to Metals & Controls Corporation, Attleboro, Mass. Burner safety control system. 2,449,858, Sept. 21.

Parkersburg Rig & Reel Company, The, assignee: *See*—
Dake, George E., and Lyne.

Parkes, Ralph C., Glenside, Pa. Drying machine. 2,449,667, Sept. 21.

Partridge, Maurice W.: *See*—
Short, Wallace F., and Partridge.

Paulus, Charles L., Dayton, Ohio. Aircraft flight stabilizing control unit and system. 2,449,566, Sept. 21.

Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Distillation of oil shale under fluidized conditions. 2,449,615, Sept. 21.

Peet, Nick P., Goose Creek, Tex., assignor to Standard Oil Development Company. Catalytic cracking process. 2,449,617, Sept. 21.

Penfold, Hilliard F., Flushing, and J. P. Della Corte, Forest Hills, N. Y., assignors to Fairchild Camera and Instrument Corporation. Automatic radio compass. 2,449,859, Sept. 21.

Pennella, Samuel, Pompton Lakes, N. J. Surface condenser. 2,449,616, Sept. 21.

Pennsylvania Industrial Chemical Corporation, assignee: *See*—
Corkery, Frank W.

Perwas, Ludwig F., Bronx, N. Y. Fountain pen. 2,449,567, Sept. 21.

Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Winder. 2,449,788, Sept. 21.

Peterson, Ruben O., University Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Method of and apparatus for making brushes. 2,449,668, Sept. 21.

Philco Corporation, assignee: *See*—
Shoemaker, Malcolm G.

Phillips Petroleum Company, assignee: *See*—
Carnell, Paul H.

Pittsburgh-Des Moines Company, assignee: *See*—
Jackson, James O.

Plante, Thomas W.: *See*—
La Riccia, Anthony, and Plante.

Pneumatic Drop Hammer Company, assignee: *See*—
Fitzgerald, Reginald P.

Pohlers, Alfred J., Joliet, Ill. Garment conveyer. 2,449,669, Sept. 21.

Pointer, Robert W., Portland, Oreg. Fifth wheel assembly. 2,449,749, Sept. 21.

Pratt, Burt C.: *See*—
Miller, Henry C., and Pratt.

Praytor, Dennis M., and K. Kershaw, Birmingham, Ala. Ballast stripper. 2,449,714, Sept. 21.

Prevost, Charles, assignor to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France. Preparation of 2-amino-4-methyl pyrimidine. 2,449,908, Sept. 21.

Pridham, Edwin S., Oakland, Calif., assignor to The Magnavox Company, Fort Wayne, Ind. Manufacturing condensers. 2,449,952, Sept. 21.

Pritchard, Lena L., Los Angeles, Calif. Foldable cart and car seat. 2,449,618, Sept. 21.

Puddicombe, Albert B., North Hollywood, assignor to B. H. Stauffer, Los Angeles, Calif. Posture demonstrating device. 2,449,715, Sept. 21.

Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Multiplex radio communication. 2,449,819, Sept. 21.

Putnam, David F., Keene, and C. H. Cheeseman, Marlboro, assignors to Markem Machine Company, Keene, N. H. Ink reservoir for marking machines. 2,449,909, Sept. 21.

Quiring-Owston, Inc., assignee: *See*—
Quiring, William.

Quiring, William, assignor to Quiring-Owston, Inc., Wichita, Kans. Folding golf club cart. 2,449,910, Sept. 21.

Radio Corporation of America, assignee: *See*—
Anderson, Earl I.
Duttera, William S.
Purington, Ellison S.
Roberts, Walter V. B.
Snyder, Richard L., Jr.

Rapp, John, Rapid City, S. Dak. House moving dolly. 2,449,670, Sept. 21.

Raybourn, Claude D., Denver, Colo. Nail driving attachment for pneumatic hammers. 2,449,860, Sept. 21.

Redmond, Rollen, Arlington, Mass. Fastener for storm windows and the like. 2,449,750, Sept. 21.

Reeves-Ely Laboratories, Inc., assignee: *See*—
Frondel, Clifford.

Rehberg, Chessie E.: *See*—
Mast, William C., Rehberg, and Fisher.

Reiber, Albert H., deceased, by E. Y. Reiber, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Mechanical deciphering system. 2,449,789, Sept. 21.

Reiber, Emily Y., executrix: *See*—
Reiber, Albert H.

Reichold, Ludwig, Winsted, assignor to The Silex Company, Hartford, Conn. Seal breaker for coffee makers. 2,449,619, Sept. 21.

Reichold, Ludwig, Winsted, assignor to The Silex Company, Hartford, Conn. Filtering device for coffee makers. 2,449,620, Sept. 21.

Reney, Jules F., Victoria, British Columbia, Canada. Automatic fireguard for motion-picture projectors. 2,449,716, Sept. 21.

Renner, William M., assignor to Mackie-Lovejoy Manufacturing Company, Chicago, Ill. Shoe tree. 2,449,861, Sept. 21.

Rhodes, William W., Westtown, Pa., assignor to Kinetic Chemicals, Inc., Wilmington, Del. Pyrethrum extract and propellant solution containing it. 2,449,671, Sept. 21.

Rich, William A., Leipsic, Ohio. Sand blast nozzle control. 2,449,672, Sept. 21.

Rickmeyer, Ernst W., Elmhurst, assignor to Jefferson Electric Company, Bellewood, Ill. Centrifugal circuit breaker. 2,449,862, Sept. 21.

Riley Stoker Corporation, assignee: *See*—
Hall, Fred B.

Rippingille, Edward V., Farmington, assignor to General Motors Corporation, Detroit, Mich. Pressure responsive automatic control. 2,449,953, Sept. 21.

Rippl, Francis J.: *See*—
Isaac, Elmer B., and Rippl.

Roberts, Ingham S., Ridley Park, Pa. Slide rule. 2,449,954, Sept. 21.

Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Comparison of radio frequency circuit losses. 2,449,621, Sept. 21.

Robertson, Charles A., San Francisco, Calif. Hydraulic clutch. 2,449,717, Sept. 21.

Robeson, Max O.: *See*—
Bludworth, Joseph E., Robeson, and Truby.

Roethell, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Multiple stage regeneration of spent catalysts. 2,449,622, Sept. 21.

Rogers, George V., Waterford, Conn. Lathe chuck. 2,449,751, Sept. 21.

Rosen, Harry, Drexel Hill, assignor to Wyeth Incorporated, Philadelphia, Pa. Extraction and isolation of digitoxin. 2,449,673, Sept. 21.

Rosen, Raphael: *See*—
Zimmer, John C., and Rosen.

Ross, Thomas N., near Seattle, Wash. Cathode-ray tube. 2,449,752, Sept. 21.

Ross, William A., assignor to Weaver Manufacturing Company, Springfield, Ill. Load lifting appliance. 2,449,863, Sept. 21.

Roth, Louis H., Forest Hills, assignor to Commanday-Roth Co., Inc., New York, N. Y. Foldable display device with triangular base. 2,449,911, Sept. 21.

Roy, Albert O.: *See*—
Hargreaves, Robert, and Roy.

Rue, Charles H., Fargo, N. Dak. Snatch block. 2,449,718, Sept. 21.

Rumble, Roy W., Pretoria, Transvaal, Union of South Africa. Mold for forming concrete walls in situ. 2,449,912, Sept. 21.

Rumsey, Edward C., deceased, by L. G. Rumsey, executrix, Detroit, Mich., assignor to L. G. Rumsey. Nozzle holder. 2,449,719, Sept. 21.

Rumsey, Lillian G., assignee, executrix: *See*—
Rumsey, Edward C.

Rutgers Research and Endowment Foundation, assignee: *See*—
Waksman, Selman A., and Schatz.

Saathoff, Clinton W., San Antonio, Tex. Bank or jewelry box. 2,449,722, Sept. 21.

Sanderson, Robert I., Gary, and E. R. Trostle, East Gary, Ind. Grip mechanism for testing machines. 2,449,955, Sept. 21.

Santiago, James J., assignor, by mesne assignments, to Grant Oil Tool Company, Los Angeles, Calif. Sand pump. 2,449,720, Sept. 21.

Santiago, James J., assignor to Grant Oil Tool Company, Los Angeles, Calif. Bailer unloading rack. 2,449,721, Sept. 21.

Sawyer, John F., Millis, Mass. Fish scaling device. 2,449,753, Sept. 21.

Schanke, Phillip W.: *See*—
Geddes, Walter H., and Schanke.

Schatz, Albert: *See*—
Waksman, Selman A., and Schatz.

Schermuly, Alfred J.: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Charles: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, England. Water-borne flare and the like. 2,449,913, Sept. 21.

Schibbye, Lauritz B., Essvik, assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden. Heat exchanging apparatus. 2,449,822, Sept. 21.

Schmidt, Fred H., Dallas, Tex., assignor to Eastman Oil Well Survey Company, Denver, Colo. Inclination indicating device. 2,449,674, Sept. 21.

Schonberg, Mihkel: *See*—
Akerman, John D., and Schonberg.

Schowalter, Lawrence V., Cleveland, Ohio. Blanket wrapper. 2,449,675, Sept. 21.

Schworm, Louis, Jr., Washington, D. C. Bottle warming device. 2,449,723, Sept. 21.

Seaman, Joseph W., Kennett Square, Pa., assignor to General Electric Company. Tripping and interlocking device for circuit breakers. 2,449,820, Sept. 21.
Sears, Roebuck and Co., assignee: *See*—
Milne, John S.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Separator. 2,449,790, Sept. 21.
Secor, Robert B.: *See*—
Gary, Wright W., and Secor.
Seifter, Joseph: *See*—
Bruce, William F., and Seifter.
Seitz, August W., Euclid, Ohio, assignor to General Electric Company. Method of manufacturing electric incandescent lamps. 2,449,676, Sept. 21.
Seitz, Oskar, Baden, Switzerland. Fitting for connecting pipes by welding. 2,449,754, Sept. 21.
Sellers, Jesse E., Scotia, and J. L. Davis, Schenectady, N. Y., assignors to General Electric Company. Preparing organo-silicon compounds. 2,449,821, Sept. 21.
Setzler, Paul H., Hamilton, Ohio. Welding rod feeder. 2,449,677, Sept. 21.
Shell Development Company, assignee: *See*—
Morris, Rupert C., and Van Winkle.
Shokal, Edward C., and Morris.
Souders, Mott, Jr., and French.
Wachter, Aaron, and Stillman.
Sheridan, Henry M., Erie, Pa. Tool bit and holder therefor. 2,449,823, Sept. 21.
Shoemaker, Malcolm G., Abington, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Controlled humidity refrigerator. 2,449,824, Sept. 21.
Shokal, Edward C., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dialkylcyclohexyl glycols and certain derivatives thereof. 2,449,956, Sept. 21.
Short, Wallace F., and M. W. Partridge, Nottingham, England. Manufacture of amidines. 2,449,724, Sept. 21.
Shriro, Morris A., Elberon, and M. B. Kraus, Jr., Red Bank, N. J. Battery mount. 2,449,568, Sept. 21.
Siemens Electric Lamps and Supplies Limited, assignee: *See*—
Treece, Harold R., and Wilkinson.
Silex Company, The, assignee: *See*—
Reichold, Ludwig.
Silverman, Henry H., Jamaica, N. Y. Work holder for lapping latches. 2,449,791, Sept. 21.
Simonetti, Harvey, Hyattsville, Md. Detachable heel. 2,449,914, Sept. 21.
Skinner & Kennedy Stationery Company, assignee: *See*—
Imperial, Michael.
Slater, Frazeur S., Chicago, Ill. Form for molding concrete walls. 2,449,725, Sept. 21.
Slatkin, Alfred D., Toronto, Ontario, Canada, assignor to A. F. Cutten. Direct coating of silver on iron or steel. 2,449,726, Sept. 21.
Sloane, Doris K., New Bedford, Mass. Casing for removably enclosing identifying tags. 2,449,727, Sept. 21.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding device for shaker conveyers. 2,449,623, Sept. 21.
Smiley, Hugh, Jr., Henniker, N. H. Cutter bit grinding jig. 2,449,957, Sept. 21.
Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe. 2,449,968, Sept. 21.
Smith, Ernest A.: *See*—
Brett, George N., and Smith.
Smotzer, Edward J.: *See*—
Forsythe, John W.
Snell, Francis A., Chenango Forks, N. Y. Mechanism for converting rotary motion into approximately hypocycloidal motion. 2,449,958, Sept. 21.
Snethun, Hans J., Vancouver, British Columbia, Canada. Artificial hand and arm. 2,449,728, Sept. 21.
Snyder, Richard L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Cathode-ray tube scanning circuit. 2,449,792, Sept. 21.
Societe Des Usines Chimiques Rhone-Poulenc, assignee: *See*—
Prevost, Charles.
Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Glammaria, John J.
Marisic, Milton M.
Sonotone Corporation, assignee: *See*—
Knauert, William F.
Souders, Mott, Jr., Piedmont, and F. A. French, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Extraction of unsaturated hydrocarbons and selective solvent therefor. 2,449,793, Sept. 21.
Spaht, James F., Baton Rouge, La., assignor to Standard Oil Development Company. Boiler detention trough. 2,449,624, Sept. 21.
Sperry Corporation, The, assignee: *See*—
Ayres, Waldemar A., and Streeter.
Varian, Russell H.
Sprague Electric Company, assignee: *See*—
Barschdorf, Harry O.
Sproull, Wayne T.: *See*—
Martin, Edward J., and Sproull.
Stalder, Herbert F., Harper, Kans. Indicator attachment for planters. 2,449,915, Sept. 21.
Stallcup, Lester B., Phoenix, Ariz. Control syringe. 2,449,678, Sept. 21.
Standard Catalytic Company, assignee: *See*—
Barr, Frank T.
Standard Oil Development Company, assignee: *See*—
Beerbower, Alan, and Zimmer.
Camp, Eliza Q.
Gohr, Edwin J., Martin, and Tyson.
Heard, Llewellyn.
Long, John D.
Peck, Edward B.
Peet, Nick P.
Roethell, Bruno E.
Spaht, James F.
Sweeney, William J.
Zimmer, John C., and Rosen.
Staudinger, Hanns P., Ewell, D. Faulkner, Cambridge, and G. T. Wright, Manchester, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Vinylidene chloride resin plasticized with a di-ester of endomethylene tetra-hydrophthalic acid. 2,449,959, Sept. 21.
Stauffer, Bernard H.: *See*—
Puddicombe, Albert B., and Stauffer.
Steele, Howard L., Jr., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,449,794, Sept. 21.
Steinschlaeger, Michael, London, England. Production of industrial or power gases. 2,449,729, Sept. 21.
Stillman, Nathan: *See*—
Wachter, Aaron, and Stillman.
Stillwagon, Crawford K., assignor to Well Equipment Mfg. Corp., Houston, Tex. Pipe coupling. 2,449,795, Sept. 21.
Strauss, Morris, Brooklyn, N. Y. Third dimension animated display device, including movable frames. 2,449,825, Sept. 21.
Streeter, Edward C., Jr.: *See*—
Ayres, Waldemar A., and Streeter.
Stuart, Joseph, II, Wilmington, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Die assembly. 2,449,625, Sept. 21.
Supply, Minister of, in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, assignee: *See*—
Jones, Frank L.
Suskind, Joseph, Newport News, Va. Door mat. 2,449,796, Sept. 21.
Suthann, Robert A., Los Angeles, Calif. Magazine type camera. 2,449,626, Sept. 21.
Sutton, Leo: *See*—
Edel, Robert O., and Sutton.
Svenska Cellulosa Aktiebolaget, assignee: *See*—
Schibbye, Lauritz B.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Oil prospecting method. 2,449,627, Sept. 21.
Swintosky, Edward P., Kewaunee, Wis. Milk can drying rack. 2,449,628, Sept. 21.
Switzer, Sue, assignee: *See*—
Ferrenberg, Roy R.
Symons, Arthur H., Chicago, Ill. Tie device for wall forms. 2,449,864, Sept. 21.
Tandet, William H., Stamford, Conn. Coupling device. 2,449,916, Sept. 21.
Tanguay, Edgar, Bloomfield, N. J., C. Kertesz, Jamaica, and W. Krakauer, assignors to S. Krakauer, Rockaway Park, N. Y. Machine for forming and applying clips to wire members. 2,449,865, Sept. 21.
Tansley, John A., New Castle, Ind., assignor to Chrysler Corporation, Highland Park, Mich. Surface treatment of metal. 2,449,917, Sept. 21.
Taylor, Harold: *See*—
Bacon, Reginald G. R., Taylor, and Wood.
Taylor, Riley H., Portland, Oreg. Electric heating and ventilating unit. 2,449,755, Sept. 21.
Taylor, Taylor & Hobson Limited, assignee: *See*—
Cox, Arthur.
Taylor, William H., Waukesha County, assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Slush ice making machine. 2,449,730, Sept. 21.
Telefonaktiebolaget L. M. Ericsson, assignee: *See*—
Nordell, Robert.
Teletype Corporation, assignee: *See*—
Reiber, Albert H.
Texas Company, The, assignee: *See*—
Kiersted, Wynkoop, Jr.
Wolf, Alexander.
Therrien, Robert F., Toledo, Ohio. Growth poisoning sewer joint. 2,449,731, Sept. 21.
Thompson, Edward B., Downers Grove, Ill. Child's folding seat. 2,449,629, Sept. 21.
Timken-Detroit Axle Company, The, assignee: *See*—
Buckendale, Lawrence R., and Keese.
Tobacco By-Products and Chemical Corporation, assignee: *See*—
Galloway, Arthur L.
Toles, Louis A., Edgeville Corners, Ohio. Lever operated axially shifting tire removing device. 2,449,960, Sept. 21.

Transport Apparatus and Device Company: *See*—
Fulton, Joel B.
Trautmann, Herbert L., Los Angeles, assignor to Cal-Pan Corporation, Alhambra, Calif. Tail pipe extension. 2,449,756, Sept. 21.
Treece, Harold R., and R. A. Wilkinson, assignors to Siemens Electric Lamps and Supplies Limited, Preston, England. Electrical protective device. 2,449,961, Sept. 21.
Trostle, Eugene R.: *See*—
Sanderson, Robert L., and Trostle.
Truby, Harry A., Jr.: *See*—
Bludworth, Joseph E., Robeson, and Truby.
Tyson, Charles W.: *See*—
Gohr, Edwin J., Martin, and Tyson.
Underwood, James W.: *See*—
D'Alelio, Gaetano F., and Underwood.
United Aircraft Products, Inc., assignee: *See*—
Geddes, Walter H., and Schanke.
Wilkening, Herbert C.
United Shoe Machinery Corporation, assignee: *See*—
Clarke, George.
Universal Oil Products Company, assignee: *See*—
Danforth, Joseph D.
Universal Winding Company, assignee: *See*—
Winslow, Albert E.
Valentine, Harry W., deceased, Oakland, by H. B. Valentine, administratrix, Berkeley, Calif. Sash hardware. 2,449,918, Sept. 21.
Valentine, Helen B., administratrix: *See*—
Valentine, Harry W.
Varian, Russell H., Wantagh, N. Y., assignor to The Sperry Corporation. Electron beam apparatus. 2,449,569, Sept. 21.
Van De Boe, Rexford C., Drexel Hill, Pa. Door check and closer. 2,449,826, Sept. 21.
Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Lamp filament support and connection. 2,449,679, Sept. 21.
Van Riper, John C., Radburn, assignor to J. H. Hays, Morristown, N. J. Spinner control mechanism. 2,449,630, Sept. 21.
Van Winkle, John L.: *See*—
Morris, Rupert C., and Van Winkle.
Viall, George K.: *See*—
Miller, Arthur E., Viall, and Lindow.
Vilter Manufacturing Company, The, assignee: *See*—
Taylor, William H.
Violette, Richard J., Washington, D. C. Electrical connector. 2,449,570, Sept. 21.
Visioneering Company, Inc., assignee: *See*—
Baade, Henry.
Vissat, Anthony L., Pittsburgh, Pa. Transversely sliding railway frog. 2,449,757, Sept. 21.
Voege, Clayton B., Indianapolis, Ind. Mold for forming cementitious blocks. 2,449,732, Sept. 21.
Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Renewable fuse. 2,449,827, Sept. 21.
Vulcan Corporation, assignee: *See*—
Clausing, George, and Gary.
Wachter, Aaron, and N. Stillman, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dicyclohexylammonium nitrite and its preparation. 2,449,962, Sept. 21.
Wak, Peter T., Jr., and A. J. Carpenter, Lake Orion, Mich. Vehicle tow bar. 2,449,680, Sept. 21.
Waksman, Selman A., New Brunswick, and A. Schatz, Passaic, N. J., assignors to Rutgers Research and Endowment Foundation. Streptomycin and process of preparation. 2,449,866, Sept. 21.
Waldie, George A., Worthington, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Electronic control circuit. 2,449,797, Sept. 21.
Waldman, Rose, Jersey City, N. J. Suit hanger. 2,449,868, Sept. 21.
Waldron, Harold E.: *See*—
Lotts, Delbert L., Bucy, and Waldron.
Walker, Brooks, Piedmont, Calif. Silencer for firearms. 2,449,571, Sept. 21.
Wallace, James M., North Braddock, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,449,867, Sept. 21.
War, United States of America, as represented by the Secretary of, assignee: *See*—
Garand, John C.
Hervey, Laurence R. B., and Whitaker.
Meier, Allen S.
Stuart, Joseph, II.
Ward, Clayton N., Madison, Wis. Method and means for protecting shore and other structures against damage by ice. 2,449,963, Sept. 21.
Warner-Jones, K., and Company Limited, assignee: *See*—
Jones, Kenneth W.
Watson, Paul D., Arlington, Va., assignor to United States of America as represented by the Secretary of Agriculture. Polylactylic acid resins and process for making them. 2,449,828, Sept. 21.
Watson, William F., Bronx, N. Y. Connector. 2,449,869, Sept. 21.
Way, Donald F.: *See*—
Lockwood, George H., and Way.
Weaver Manufacturing Company, assignee: *See*—
Ross, William A.
Weber, Edwin L., Venice, Calif. Hose clamp. 2,449,798, Sept. 21.
Weger, Alfred T.: *See*—
Hinkle, George A., and Weger.
Weissberger, Arnold, assignor to Eastman Kodak Company, Rochester, N. Y. 3-methylsulfonamido-4-amino dimethyl aniline photographic developer. 2,449,919, Sept. 21.
Well Equipment Mfg. Corp., assignor: *See*—
Stillwagon, Crawford K.
Welsch, Charles E., Schenectady, N. Y., assignor to General Electric Company. Polysiloxane resins. 2,449,572, Sept. 21.
Westinghouse Electric Corporation, assignee: *See*—
Laidig, Alfred H. and May.
Lockwood, George H. and Way.
Steele, Howard L., Jr.
Wallace, James M.
Whitaker, Alvin C.: *See*—
Hervey, Laurence R. B., and Whitaker.
White, William S., Denver, Colo. Safety device for fluid supply lines. 2,449,573, Sept. 21.
Whitin Machine Works, assignee: *See*—
Hargreaves, Robert, and Roy.
Wikmark, Elsa H. C., Stockholm, Sweden. Bed equipment. 2,449,758, Sept. 21.
Wilcock, Donald F., Marblehead, Mass, assignor to General Electric Company. Lubricated bearing. 2,449,574, Sept. 21.
Wilhelm, Seymour K., United States Army, Detroit, Mich. Cushioned knob. 2,449,575, Sept. 21.
Wilkening, Herbert C., assignor to United Aircraft Products, Inc., Dayton, Ohio. Valve actuating mechanism. 2,449,733, Sept. 21.
Wilkinson, Ralph A.: *See*—
Treece, Harold R., and Wilkinson.
Williams, Eugene D., Cleveland Heights, assignor, by mesne assignments, to Diversified Designing & Machine Products Corporation, Cleveland, Ohio. Conduit coupling. 2,449,920, Sept. 21.
Wilson, Ray, assignor to R. R. Cook, Chicago, Ill. Air purifier. 2,449,681, Sept. 21.
Winninghoff, Wilford J.: *See*—
Blake, Harold D., and Winninghoff.
Winslow, Albert E., Norwich, Conn., assignor, by mesne assignments, to Universal Winding Company, Cranston, R. I. Yarn winder. 2,449,682, Sept. 21.
Winther, Martin P., assignee: *See*—
Jaeschke, Ralph L.
Wolf, Alexander, Houston, Tex., assignor to The Texas Company, New York, N. Y. Seismic method of locating faults. 2,449,921, Sept. 21.
Wood, Leonard: *See*—
Bacon, Reginald G. R., Taylor, and Wood.
Worthington Pump and Machinery Corporation, assignee: *See*—
Gilman, Frederick C.
Sebald, Joseph F.
Wright, George T.: *See*—
Staudinger, Hanns P., Faulkner, and Wright.
Wunsch, Oscar O., Gulfport, Miss. Medicinal atomizer. 2,449,734, Sept. 21.
Wyeth Incorporated, assignee: *See*—
Bruce, William F., and Seifter.
Charney, Jesse.
Rosen, Harry.
Wyss, Chris, Tillamook, Oreg. Irrigation pipe coupling. 2,449,735, Sept. 21.
Zahl, Harold A.: *See*—
Gorham, John E., and Zahl.
Zenith Radio Corporation, assignee: *See*—
Emde, Kurt.
Zimmer, John C.: *See*—
Beerbower, Alan, and Zimmer.
Zimmer, John C., Union, and B. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Oil composition. 2,449,631, Sept. 21.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 21ST DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Baby pants. L. H. Rand. Re. 23,040, Sept. 21.
Motorcycle windshield. A. T. Comiskey, Sr. Re. 23,039, Sept. 21.
Piston and piston rod assembly. T. R. Smith. Re. 23.041, Sept. 21.

LIST OF PLANT INVENTIONS

Ivy plant. J. Bach. 807, Sept. 21.
Rose plant. P. Mordigan. 806, Sept. 21.

LIST OF DESIGN INVENTIONS

Airplane hanger. D. R. Younger. 151,114, Sept. 21.
Altar, Portable. R. T. Gudell and G. A. Feeny. 151,041, Sept. 21.
Beach bag. E. N. Graham. 151,040, Sept. 21.
Belt, Supporting. J. J. Goldstein. 151,039, Sept. 21.
Boot or similar article, Child's. H. E. Rosen. 151,071, Sept. 21.
Bootee. K. R. Strauss. 151,099, Sept. 21.
Bottle. W. Blitzstein. 151,028, Sept. 21.
Box, Utility. Z. E. Marvin, Jr. 151,061, Sept. 21.
Bracelet, Link. I. and H. Stern. 151,087, Sept. 21.
Brooch or similar article. M. Boucher. 151,029, Sept. 21.
Brooch or the like. A. Casciano. 151,031, Sept. 21.
Cabinet, Frozen food storage and display. J. W. P. Fleming. 151,035–6, Sept. 21.
Camera cover. C. E. Main. 151,059, Sept. 21.
Candelabrum or similar article. W. L. Orme. 151,067, Sept. 21.
Chain for a bracelet or similar article, Expansible link. E. E. Fachon. 151,034, Sept. 21.
Coat. J. F. Strassner. 151,083, Sept. 21.
Cutter, Combined biscuit, doughnut, and pastry. E. J. Kilgore. 151,049, Sept. 21.
Dispensing machine, Popcorn. F. P. Emerson. 151,033, Sept. 21.
Display dispenser. R. G. Jones. 151,048, Sept. 21.
Display sign. E. C. Uihlein. 151,105, Sept. 21.
Dress. M. Macpherson. 151,057–8, Sept. 21.
Dress. J. F. Strassner. 151,094–96, Sept. 21.
Dress. J. F. Strassner. 151,098, Sept. 21.
Dress. V. Tomshinsky. 151,104, Sept. 21.
Dress ensemble. J. F. Strassner. 151,097, Sept. 21.
Earring or similar article. A. Philippe. 151,069, Sept. 21.
Eye shield cups for sun bathing, Pair of. O. W. Lindgren, Jr. 151,051, Sept. 21.
Fish lure. R. A. Vaughn. 151,106–7, Sept. 21.
Food mincer. M. A. Besozzi. 151,026, Sept. 21.
Food warmer and server. C. B. Stevens. 151,082, Sept. 21.
Food warmer and service plate, Child's combined. R. E. Zipser. 151,115, Sept. 21.
Frame, Bicycle. W. H. Walker. 151,110, Sept. 21.
Frame or similar article, Spectacle. N. Buckley. 151,030, Sept. 21.
Fruit juicer. H. J. Talge and E. F. Whitfill. 151,103, Sept. 21.
Game board. D. L. Kreider. 151,050, Sept. 21.
Grid, Baking iron. M. Severson and D. Kraske. 151,077–8, Sept. 21.
Handbag or similar article. D. M. Scott and E. Steinberg. 151,075–6, Sept. 21.
Hobbyhorse. G. St. John. 151,080, Sept. 21.
Holder, Comb. H. E. Dahlen. 151,032, Sept. 21.
Holder, Flash lamp. J. W. Barnes. 151,025, Sept. 21.
Holder, Welding electrode. C. W. Taber. 151,101, Sept. 21.
Housing, Rotary mower. W. H. Huff. 151,045–6, Sept. 21.
Ice crusher. H. J. Talge and A. M. Travis. 151,102, Sept. 21.
Jewelry component. C. D. B. Arcularius. 151,024, Sept. 21.
Lamp. J. Frank and S. R. Geist. 151,037, Sept. 21.
Light shade for an electrical fixture. C. D. McCann. 151,053–4, Sept. 21.
Maintenance machine, Floor. J. Sassano. 151,073, Sept. 21.
Military brush. F. Wagner. 151,109, Sept. 21.
Necklace or similar article. A. Philippe. 151,068, Sept. 21.
Ophthalmic wire. W. A. Rohman. 151,070, Sept. 21.
Pencil, Mechanical. S. G. Lipic. 151,052, Sept. 21.
Portable drainboard, serving tray, and cooling rack, Combined. D. G. Jensen. 151,047, Sept. 21.
Oiler, Hog. G. J. Saffert. 151,072, Sept. 21.
Opener, Fruit jar and bottle. H. L. Nichols. 151,065, Sept. 21.
Receptacle, Heat insulated storage. L. M. Schnitzer. 151,074, Sept. 21.
Robe, Chenille. G. H. McLaughlin. 151,055–6, Sept. 21.
Routing machine. W. F. Huck. 151,044, Sept. 21.
Scale. D. A. Meeker and K. C. Allen. 151,062, Sept. 21.
Shield for a tubular lamp, Diffusing. R. O'Connell. 151,066, Sept. 21.
Shoe sole or similar article. F. B. Huzzard. 151,043, Sept. 21.
Sled knee. C. W. Sunberg. 151,100, Sept. 21.
Strip for shoe soles, Binding. R. B. Harrison. 151,042, Sept. 21.
Suit, Swimming. J. O. Gantner, Jr. 151,038, Sept. 21.
Table, desk, or similar article. E. Westlake. 151,111, Sept. 21.
Thermometer. B. Blecher. 151,027, Sept. 21.
Toaster. P. Yaeger. 151,113, Sept. 21.
Tray, Cracker. J. W. Verduyn and L. M. Mason. 151,108, Sept. 21.
Tray, Serving. V. Sherry, H. A. and G. F. Plocky. 151,079, Sept. 21.
Tray, Toilet. Z. E. Marvin, Jr. 151,060, Sept. 21.
Vehicle toy. L. A. Wise. 151,112, Sept. 21.
Vending machine, Candy. W. E. Moore. 151,063, Sept. 21.
Vending machine, Cigarette. W. E. Moore. 151,064, Sept. 21.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 21ST DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abdominal support. J. Cidissen. 2,449,641, Sept. 21.
Acid activated montmorillonite catalyst and preparation thereof, Ammoniated. W. W. Gary and R. B. Secor. 2,449,891, Sept. 21.
Actuating apparatus, Longitudinal. R. C. Marholz. 2,449,855, Sept. 21.
Aircraft flare. J. Albin. 2,449,540, Sept. 21.
Aircraft flight stabilizing control unit and system. C. L. Paulus. 2,449,566, Sept. 21.
Air purifier. R. Wilson. 2,449,681, Sept. 21.
Alumina gel from amalgamated aluminum, Manufacturing. L. Heard. 2,449,847, Sept. 21.
Anchor, Blouse. D. J. Hennie. 2,449,896, Sept. 21.
Animating device. U. E. Iwerks. 2,449,702, Sept. 21.
Antenna. A. S. Meier. 2,449,562, Sept. 21.
Antifriction bearing assemblies, Making. G. F. Johnson. 2,449,942, Sept. 21.
Antifriction bearings, Making. G. F. Johnson. 2,449,943, Sept. 21.
Apparatus for coating the inside surfaces of tubular vitreous envelopes. A. H. Laidig and F. T. May. 2,449,783, Sept. 21.
Apparatus for contacting solids and gaseous fluids. E. J. Gohr, H. Z. Martin, and C. W. Tyson. 2,449,601, Sept. 21.
Apparatus for detecting variations in load impedances. W. S. Duttera. 2,449,739, Sept. 21.
Apparatus for forming molds for centrifugal casting and centrifugally casting products. L. L. Johnston. 2,449,900, Sept. 21.
Apparatus for handling rolls of flexible sheet material. A. T. Lewis. 2,449,945, Sept. 21.
Apparatus for lifting massive objects. W. H. Jameson and E. L. Durkee. 2,449,781, Sept. 21.
Apparatus for magnifying the images of television screens. J. S. Dougherty. 2,449,886, Sept. 21.
Apparatus for manufacturing finned tubes. J. W. Brown, Jr. 2,449,840, Sept. 21.
Apparatus for regulating the transfer of heat in fused bath electrolytic cells. R. J. McNitt. 2,449,856, Sept. 21.
Apparatus for relieving stress in welded plates. C. P. Bedford. 2,449,760, Sept. 21.
Apparatus for storing stacked articles. W. J. Gibbs. 2,449,892, Sept. 21.
Apparatus for washing over, releasing, and withdrawing tubular structures from wells. R. M. Claypool and D. M. Best. 2,449,841, Sept. 21.
Artificial hand and arm. H. J. Snethun. 2,449,728, Sept. 21.
Ash receptacle for armrests of vehicle seats. A. B. Bell. 2,449,965, Sept. 21.
Atomizer. J. Checkon. 2,449,927, Sept. 21.
Atomizer, Medicinal. O. O. Wunsch. 2,449,734, Sept. 21.
Automatic control, Pressure responsive. E. V. Rippingille. 2,449,953, Sept. 21.
Automobile jack. A. P. Huhle. 2,449,850, Sept. 21.
Bailer unloading rack. J. J. Santiago. 2,449,721, Sept. 21.
Balancing machine. N. Minorsky. 2,449,563, Sept. 21.
Balsa punch. D. F. Brittle. 2,449,839, Sept. 21.
Bank or jewelry box. C. W. Saathoff. 2,449,722, Sept. 21.
Bar: *See*—
  Vehicle tow bar.
Basket. H. S. Johns. 2,449,899, Sept. 21.
Battery adapter. R. L. Eichberg and H. R. Montague. 2,449,550, Sept. 21.
Battery mount. M. A. Shriro and M. B. Kraus, Jr. 2,449,568, Sept. 21.
Beam apparatus, Electron. R. H. Varian. 2,449,569, Sept. 21.
Bearing: *See*—
  Lubricated bearing. Railway journal bearing.
Bed equipment. E. H. C. Wikmark. 2,449,758, Sept. 21.
Belt unloader, Link. A. Baker. 2,449,543, Sept. 21.
Benzonitrile production from benzene or diphenyl and HCN. J. N. Cosby. 2,449,643, Sept. 21.
Bit and holder therefor, Tool. H. M. Sheridan. 2,449,823, Sept. 21.
Blasting machine, Shot. W. E. Jewell. 2,449,745, Sept. 21.
Blasting plug. J. Q. du Pont and E. R. Jones. 2,449,645, Sept. 21.
Block: *See*—
  Snatch block.
Bobbin winder, Sewing machine. C. S. Best. 2,449,835, Sept. 21.
Bolt or nut, Lock. D. M. Gilman. 2,449,846, Sept. 21.
Bottle warming device. L. Schworm, Jr. 2,449,723, Sept. 21.
Box: *See*—
  Bank or jewelry box.
Brake: *See*—
  Spindle brake.
Brake cylinder mounting. W. H. Baselt. 2,449,636, Sept. 21.
Brassière. J. Glick. 2,449,808, Sept. 21.
Breech block return means for the Browning machine gun. C. E. Balleisen. 2,449,545, Sept. 21.
Brush holder. G. G. Bluemink. 2,449,764, Sept. 21.
Cable connector. W. M. Lawhorne. 2,449,660, Sept. 21.
Cadaver lifter. B. A. Hower. 2,449,898, Sept. 21.
Cargo tie down. J. F. Geiger. 2,449,600, Sept. 21.
Cart and car seat, Foldable. L. L. Pritchard. 2,449,618, Sept. 21.
Cart, Folding golf club. W. Quiring. 2,449,910, Sept. 21.
Casing for removably enclosing indentifying tags. D. K. Sloane. 2,449,727, Sept. 21.
Casting machines. E. C. Krueger. 2,449,854, Sept. 21.
Catalytic synthesis of hydrocarbons. W. E. Hendriksen. 2,449,775, Sept. 21.
Cathode-ray tube. H. H. Lanier and R. E. Mueller. 2,449,558, Sept. 21.
Cathode-ray tube. T. N. Ross. 2,449,752, Sept. 21.
Cathode-ray tube scanning circuit. R. L. Snyder, Jr. 2,449,792, Sept. 21.
Chair: *See*—
  Lounge chair.
Chambers, Geiger-Müller tubes, and the like, Ionization. A. Graves and T. J. Dawes. 2,449,697, Sept. 21.
Change-speed transmission, Automatic. O. H. Banker. 2,449,964, Sept. 21.
Child's folding seat. E. B. Thompson. 2,449,629, Sept. 21.
Chuck. M. H. Arms and L. J. Barnard. 2,449,831, Sept. 21.
Chuck, Collet. R. O. Edel and L. Sutton. 2,449,887, Sept. 21.
Chuck, Lathe. G. V. Rogers. 2,449,751, Sept. 21.
Circuit: *See*—
  Cathode-ray tube scanning circuit. Electronic control circuit. Pulse-actuated circuit.
Circuit breaker, Centrifugal. E. W. Rickmeyer. 2,449,862, Sept. 21.
Circuit for cathode-ray tubes, Sweep. M. E. Byrne. 2,449,549, Sept. 21.
Circuit for triggering stroboscopic devices, Electronic. C. M. Hathaway. 2,449,651, Sept. 21.
Circuit, Interrupting. J. M. Wallace. 2,449,867, Sept. 21.
Clamp: *See*—
  Hose clamp.
Cleaning device, Brush. A. O. Olsen. 2,449,818, Sept. 21.
Clinometer. W. E. Austen. 2,449,870, Sept. 21.
Clip: *See*—
  Hair clip. Rod clip.
Clothes pole and cap therefor. F. J. Hyde. 2,449,778, Sept. 21.
Clutch: *See*—
  Hydraulic clutch.
Clutch and brake mechanism. W. M. Gilman. 2,449,893, Sept. 21.
Coating apparatus for tubular objects. R. L. Keiffer. 2,449,655, Sept. 21.
Coating composition for paper, Water-soluble. L. R. B. Hervey and A. C. Whitaker. 2,449,812, Sept. 21.
Coating of silver on iron or steel, Direct. A. D. Slatkin. 2,449,726, Sept. 21.
Collar construction, Shirt. S. Burton. 2,449,584, Sept. 21.
Collator. J. M. Druliner. 2,449,594, Sept. 21.
Communication, Multiplex radio. E. S. Purington. 2,449,819, Sept. 21.
Comparison of radio frequency circuit losses. W. V. Roberts. 2,449,621, Sept. 21.
Compass, Automatic radio. H. F. Penfold and J. P. Della Corte. 2,449,859, Sept. 21.
Compass, Radio. P. G. Hansel. 2,449,553, Sept. 21.
Composition and process for curing lumber and product. A. Lippman, Jr., R. L. Comstock, and E. B. Benjamin. 2,449,785, Sept. 21.
Compressor. P. H. Davey. 2,449,930, Sept. 21.
Concrete placement machine. C. Jackson. 2,449,851, Sept. 21.
Concrete spreading apparatus. A. E. Miller, G. K. Viall, and R. F. Lindow. 2,449,710, Sept. 21.
Condenser: *See*—
  Electrical condenser. Surface condenser.
Condensers, Manufacturing. E. S. Pridham. 2,449,952, Sept. 21.
Conduit coupling. E. D. Williams. 2,449,920, Sept. 21.

Connector: *See*—
Cable connector. Electrical connector.
Connector. W. F. Watson. 2,449,869, Sept. 21.
Connector for belt. E. Nassimbene. 2,449,950, Sept. 21.
Container: *See*—
Mucilage container.
Control apparatus. H. S. Ackerman. 2,449,538, Sept. 21.
Control syringe. L. B. Stallcup. 2,449,678, Sept. 21.
Control system for high altitude pressure suits, Automatic. H. L. Burns. 2,449,548, Sept. 21.
Controlled humidity refrigerator. M. G. Shoemaker. 2,449,824, Sept. 21.
Conveyer for fruit grading machines, Endless. McS. Lupton. 2,449,611, Sept. 21.
Cooker, Rotary. R. Groetchen. 2,449,937, Sept. 21.
Cooler for viscous liquids. S. K. Andersen. 2,449,922, Sept. 21.
Cooling system for portable motion-picture projectors. O. R. Nemeth. 2,449,713, Sept. 21.
Cornstalk lifting device. L. Hammon. 2,449,603, Sept. 21.
Corrugated disk filter. M. A. Goldman. 2,449,809, Sept. 21.
Coupling: *See*—
Conduit coupling. Pipe coupling.
Irrigation pipe coupling. Shaft coupling.
Overload release flexible coupling. Swivel coupling.
Coupling. F. E. Hansen. 2,449,938, Sept. 21.
Coupling device. W. H. Tandet. 2,449,916, Sept. 21.
Coupling for hose, Quick. R. C. Lane. 2,449,659, Sept. 21.
Coupling means. J. R. Frei. 2,449,807, Sept. 21.
Cover for tire repair vulcanizers and method of making, Flexible. H. T. Kraft. 2,449,606, Sept. 21.
Cracking process, Catalytic. N. P. Peet. 2,449,617, Sept. 21.
Cuff holding device, Sleeve. J. A. Barnes. 2,449,579, Sept. 21.
Cupping device, Automatic. C. Develay and G. M. Galvier. 2,449,805, Sept. 21.
Cutin fitting. W. J. Collison. 2,449,803, Sept. 21.
Deciphering system, Mechanical. A. H. Reiber. 2,449,789, Sept. 21.
Defrosting deflector, Refrigerator. J. V. Mesite. 2,449,709, Sept. 21.
Dehydrator for refrigerating systems. C. C. Brinkoeter. 2,449,688, Sept. 21.
Device for decorating materials. F. S. Guenther. 2,449,810, Sept. 21.
Device for signalling or releasing by electric power capacitors. R. Nordell. 2,449,817, Sept. 21.
Dialkylcyclohexyl glycols and certain derivatives thereof. E. C. Shokal and R. C. Morris. 2,449,956, Sept. 21.
Dicyclohexylammonium nitrite and its preparation. A. Wachter and N. Stillman. 2,449,962, Sept. 21.
Die assembly. J. Stuart, II. 2,449,625, Sept. 21.
Die casting, Heat-treating magnesium-alloy. R. C. Cornell. 2,449,768, Sept. 21.
Differential leakage indicator. H. B. Kirkley. 2,449,556, Sept. 21.
Differential pressure valve. J. D. Akerman and M. Schonberg. 2,449,683, Sept. 21.
Discharge device, Electron. H. L. Steele, Jr. 2,449,794, Sept. 21.
Discharge vessel, Electron. A. Brasch and W. Huber. 2,449,872, Sept. 21.
Disk type rotor for axial pole induction motors. L. E. Aske. 2,449,925, Sept. 21.
Display device, including movable frames, Third dimension animated. M. Strauss. 2,449,825, Sept. 21.
Display device with triangular base, Foldable. L. H. Roth. 2,449,911, Sept. 21.
Distillation of oil shale under fluidized conditions. E. B. Peck. 2,449,615, Sept. 21.
Distributor for air-borne fibers. J. D. Daddario. 2,449,592, Sept. 21.
Dolly, House moving. J. Rapp. 2,449,670, Sept. 21.
Door check and closer. R. C. Van De Boe. 2,449,826, Sept. 21.
Door lock. J. H. Milligan. 2,449,711, Sept. 21.
Door mat. J. Suskind. 2,449,796, Sept. 21.
Door stop. S. S. Brinda. 2,449,686, Sept. 21.
Door stop. S. S. Brinda. 2,449,687, Sept. 21.
Drive control, Compressor. F. W. Edwards. 2,449,888, Sept. 21.
Drive, Electromagnetic. W. A. Kaiser. 2,449,901, Sept. 21.
Dry battery, Multivoltage. D. L. Harford. 2,449,811, Sept. 21.
Drying machine. R. C. Parkes. 2,449,667, Sept. 21.
Earphone receiver, Electromagnetic. W. F. Knauert. 2,449,557, Sept. 21.
Eggshell remover. D. Jauhiainen. 2,449,941, Sept. 21.
Elastomer plasticizing composition composed of coumarone resin and an aromatic hydrocarbon oil. F. W. Corkery. 2,449,929, Sept. 21.
Electrical condenser. C. E. G. Bailey. 2,449,577, Sept. 21.
Electrical connection of separable character. S. Bogen. 2,449,736, Sept. 21.
Electrical connector. R. J. Violette. 2,449,570, Sept. 21.
Electronic control circuit. G. A. Waldie. 2,449,797, Sept. 21.
Elevator, Well pipe. C. A. Lundeen. 2,449,559, Sept. 21.
Equipment for attaching price tags to greeting cards. N. S. Nageotte. 2,449,614, Sept. 21.
Esters of alcohol nontertiary amines. F. J. Cahn. 2,449,926, Sept. 21.
Extraction and isolation of digitoxin. H. Rosen. 2,449,673, Sept. 21.
Extraction of unsaturated hydrocarbons and selective solvent therefor. M. Souders, Jr., and F. A. French. 2,449,793, Sept. 21.
Extractive distillation of butanes and butenes with acetone solvent. J. D. Long. 2,449,610, Sept. 21.
Extrusion press. A. L. Heston. 2,449,652, Sept. 21.
Eyeglass. E. Froelich. 2,449,694, Sept. 21.
Eyepiece adapter. A. G. Moulsdale and J. N. Bruce. 2,449,564, Sept. 21.
Fan, Folding hand. M. Imperial. 2,449,701, Sept. 21.
Fastener for storm windows and the like. R. Redmond. 2,449,750, Sept. 21.
Fatigue indicator. A. V. de Forest. 2,449,883, Sept. 21.
Feeder: *See*—
Welding rod feeder.
Feeding device for shaker conveyers. W. W. Sloane. 2,449,623, Sept. 21.
Feeding mechanism for shaker conveyers. J. H. Holstein. 2,449,777, Sept. 21.
Filament forming apparatus. E. B. Isaac and F. J. Rippl. 2,449,653, Sept. 21.
Film guide, Tourist. J. M. Higgins. 2,449,699, Sept. 21.
Filter: *See*—
Corrugated disk filter.
Filtering device for coffee makers. L. Reichold. 2,449,620, Sept. 21.
Filtration. W. Kiersted, Jr. 2,449,902, Sept. 21.
Fireguard for motion-picture projectors, Automatic. J. F. Reney. 2,449,716, Sept. 21.
Fish lure. I. R. Hubbard. 2,449,700, Sept. 21.
Fitting for connecting pipes by welding. O. Seitz. 2,449,754, Sept. 21.
Flare and the like, Water-borne. C. D., A. J., and C. Schermuly. 2,449,913, Sept. 21.
Fluid mixtures, Producing uniform. C. A. Brown. 2,449,766, Sept. 21.
Fluid pressure operated brake and the like. H. J. Butler 2,449,802, Sept. 21.
Foam in steam generators, Minimizing the production of. R. W. Kell. 2,449,656, Sept. 21.
Foot wrapper. F. K. Glasgow. 2,449,936, Sept. 21.
Form for molding concrete walls. F. S. Slater. 2,449,725, Sept. 21.
Frame: *See*—
Picture frame.
Fumigating package. A. L. Galloway. 2,449,695, Sept. 21.
Fuse, Renewable. F. G. von Hoorn. 2,449,827, Sept. 21.
Garment conveyer. A. J. Pohlers. 2,449,669, Sept. 21.
Gas operation of firearms action slides. S. W. Marshall, Jr. 2,449,560, Sept. 21.
Gauge: *See*—
Work gauge.
Gear drive for printing and other machines. K. W. Jones. 2,449,852, Sept. 21.
Getter. G. H. Lockwood and D. F. Way. 2,449,786, Sept. 21.
Glow discharge switch. D. J. H. Admiraal. 2,449,632, Sept. 21.
Glycinamides, Substituted. W. F. Bruce and J. Seifter. 2,449,638, Sept. 21.
Goal, Hockey. L. B. Lindsay. 2,449,708, Sept. 21.
Grease composition, Lubricating. A. Beerbower and J. C. Zimmer. 2,449,580, Sept. 21.
Grid for ice trays. R. L. Halliock. 2,449,743, Sept. 21.
Grip mechanism for testing machines. R. I. Sanderson and E. R. Trostle. 2,449,955, Sept. 21.
Growth poisoning sewer joint. R. F. Therrien. 2,449,731, Sept. 21.
Gummed units, Running direct process. H. L. Dempsey. 2,449,770, Sept. 21.
Hair clip. F. C. Ghisletta. 2,449,845, Sept. 21.
Halide emulsions, Photographic silver. E. K. Blake. 2,449,836, Sept. 21.
Hammer, Drop. R. P. Fitzgerald. 2,449,647, Sept. 21.
Hanger: *See*—
Suit hanger.
Harness for chairs, Baby. G. M. Fitzpatrick. 2,449,741, Sept. 21.
Headwear. N. J. and E. Albert. 2,449,633, Sept. 21.
Heat exchanging apparatus. L. B. Schibbye. 2,449,822 Sept. 21.
Heat polymerizable N-vinyl pyrrole compositions, Stabilized. W. O. Ney. 2,449,951, Sept. 21.
Heating and ventilating unit, Electric. R. H. Taylor. 2,449,755, Sept. 21.
Heating element support. H. A. Mulvany. 2,449,712, Sept. 21.
Heel, Detachable. H. Simonetti. 2,449,914, Sept. 21.
Holder: *See*—
Brush holder. Window blind and curtain rod holder.
Nozzle holder.
Holder attachment, Toilet paper. A. Foltis. 2,449,598, Sept. 21.

Holder for intravenous apparatus. A. J. Daniels. 2,449,882, Sept. 21.
Hose clamp. E. L. Weber. 2,449,798, Sept. 21.
Hydraulic clutch. C. A. Robertson. 2,449,717, Sept. 21.
Hydrogen, Production of. F. T. Barr. 2,449,635, Sept. 21.
Hydroxyethyl-2,5-dichlorobenzene, Preparation of. T. S. Carswell and R. F. Hayes. 2,449,877, Sept. 21.
Ice making machine, Slush. W. H. Taylor. 2,449,730, Sept. 21.
Incandescent lamp and manufacture. A. Greiner. 2,449,650, Sept. 21.
Incandescent lamps, Manufacturing electric. A. W. Seitz. 2,449,676, Sept. 21.
Inclination indicating device. F. H. Schmidt. 2,449,674, Sept. 21.
Inclinometer. P. Jones. 2,449,704, Sept. 21.
Index signal means, Visible. C. E. Attwood. 2,449,576, Sept. 21.
Indicator: *See*—
Differential leakage indicator. Fatigue indicator.
Indicator attachment for planters. H. F. Stalder. 2,449,915, Sept. 21.
Industrial or power gases, Production of. M. Steinschlaeger. 2,449,729, Sept. 21.
Inhaler. G. Karp. 2,449,853, Sept. 21.
Ink reservoir for marking machines. D. F. Putnam and C. H. Cheeseman. 2,449,909, Sept. 21.
Interfolding. N. Marcalus. 2,449,663, Sept. 21.
Irrigation pipe coupling. C. Wyss. 2,449,735, Sept. 21.
Jack: *See*—
Automobile jack.
Jig, Cutter bit grinding. H. Smiley, Jr. 2,449,957, Sept. 21.
Joint: *See*—
Growth poisoning sewer joint.
Journal bearing sleeve. S. R. Leeson. 2,449,662, Sept. 21.
Keeper for door fasteners, Retractable. S. B. Haseltine. 2,449,774, Sept. 21.
Kinetograph movement. H. N. Fairbanks. 2,449,693, Sept. 21.
Knee-lock for artificial legs. G. A. Hinkle and A. T. Weger. 2,449,897, Sept. 21.
Knob, Cushioned. S. K. Wilhelm. 2,449,575, Sept. 21.
Ladder foot. O. A. Linder and E. J. Klause. 2,449,609, Sept. 21.
Lamp: *See*—
Multiple circuit stand lamp.
Latch for work holding vise, Snap-action. H. G. Luft. 2,449,748, Sept. 21.
Lathe, Copying. G. Clausing and C. B. Gary. 2,449,878, Sept. 21.
Leveling device for gyroscopic rotors, Magnetic. W. Leathers and G. S. Di Monico. 2,449,661, Sept. 21.
Lifter: *See*—
Cadaver lifter.
Lifting appliance, Load. W. A. Ross. 2,449,863, Sept. 21.
Light source. J. L. Cox. 2,449,880, Sept. 21.
Linear polymers and copolymers of branch-chain hexadienes, Hydrogenated. R. C. Morris and J. L. Van Winkle. 2,449,949, Sept. 21.
Liner for engine cylinders. C. H. Dolan, II. 2,449,771, Sept. 21.
Loading ramp, Portable. C. G. Agren. 2,449,829, Sept. 21.
Locating device for producing stereoscopic images, Radio object. W. A. Ayres and E. C. Streeter, Jr. 2,449,542, Sept. 21.
Lock: *See*—
Door lock. Vacuum tube lock.
Lock and bracket, Cord. F. J. Burns. 2,449,583, Sept. 21.
Locking means for flexible chutes. R. E. Holmes. 2,449,849, Sept. 21.
Lounge chair. F. Kramer. 2,449,747, Sept. 21.
Lowering device for use as a fire escape, Safety. A. Lawson. 2,449,813, Sept. 21.
Lubricant. P. H. Carnell. 2,449,689, Sept. 21.
Lubricated bearing. D. F. Wilcock. 2,449,574, Sept. 21.
Lubricating oil addition agent. G. D. Byrkit. 2,449,547, Sept. 21.
Lubricator distributor. J. J. Hennessy. 2,449,894, Sept. 21.
Machine for forming and applying clips to wire members. E. Tanguay, C. Kertesz, and W. Krakauer. 2,449,865, Sept. 21.
Machine for operating on shoes. G. Clarke. 2,449,589, Sept. 21.
Machine for the automatic cooling and heating of baby bottles and food. J. M. Bruning. 2,449,874, Sept. 21.
Magazine type camera. R. A. Suthann. 2,449,626, Sept. 21.
Manufacture of amidines. W. F. Short and M. W. Partridge. 2,449,724, Sept. 21.
Mask for color film, Integral. W. T. Hanson, Jr. 2,449,966, Sept. 21.
Mechanism for converting rotary motion into approximately hypocycloidal motion. F. A. Snell. 2,449,958, Sept. 21.
Mechanism for feeding sheets of stiff fibrous material. F. H. Chapman. 2,449,690, Sept. 21.
Metal, Surface treatment of. J. A. Tansley. 2,449,917, Sept. 21.
Method and apparatus for doffing spinning frames and the like. G. A. R. Foster and J. Gregory. 2,449,742, Sept. 21.
Method and apparatus for manufacturing fluorescent lamps. H. D. Blake and W. J. Winninghoff. 2,449,637, Sept. 21.
Method and means for demagnetizing. E. J. Martin and W. T. Sproull. 2,449,946, Sept. 21.
Method and means for protecting shore and other structures against damage by ice. C. N. Ward. 2,449,963, Sept. 21.
Method of and apparatus for making brushes. R. O. Peterson. 2,449,668, Sept. 21.
Method of and apparatus for manufacturing flash lamps. J. Flaws, Jr. 2,449,648, Sept. 21.
Milk can drying rack. E. P. Swintosky. 2,449,628, Sept. 21.
Mineral oil composition. J. J. Giammaria. 2,449,934, Sept. 21.
Mold for forming cementitious blocks. C. B. Voege. 2,449,732, Sept. 21.
Mold for forming concrete walls in situ. R. W. Rumble. 2,449,912, Sept. 21.
Molding, Edge. E. C. Lorraine. 2,449,904, Sept. 21.
Mounting: *See*—
Brake cylinder mounting.
Mounting and operating mechanism, Window sash. R. E. Bemis. 2,449,761, Sept. 21.
Mounting structure for windows. R. Cadwallader. 2,449,875, Sept. 21.
Mucilage container. F. G. Blackman. 2,449,763, Sept. 21.
Multiple circuit stand lamp. P. L. Brattain. 2,449,765, Sept. 21.
N,N dibutyl phenethylamine, Production of. J. D. Danforth. 2,449,644, Sept. 21.
Nail driving attachment for pneumatic hammers. C. D. Raybourn. 2,449,860, Sept. 21.
Necktie securing device. H. R. Birdsell. 2,449,539, Sept. 21.
Nitration product of a hydroxy amide. W. F. Filbert. 2,449,843, Sept. 21.
Nitroalcohol esters of acrylic acid and interpolymers produced from the same. G. F. D'Alelio and J. W. Underwood. 2,449,804, Sept. 21.
Nozzle control, Sand blast. W. A. Rich. 2,449,672, Sept. 21.
Nozzle, Discharge. A. P. Arno. 2,449,541, Sept. 21.
Nozzle holder. E. C. Rumsey. 2,449,719, Sept. 21.
Objective having a simple divergent component air spaced between two compound convergent components, Modified optical. A. Cox. 2,449,769, Sept. 21.
Oil composition. J. C. Zimmer and R. Rosen. 2,449,631, Sept. 21.
Oil emulsion treater. G. E. Dake and J. A. Lyne. 2,449,738, Sept. 21.
Oil prospecting method. W. J. Sweeney. 2,449,627, Sept. 21.
Oil temperature regulator. W. H. Geddes and P. W. Schanke. 2,449,696, Sept. 21.
Organo-di-siloxanes and making them. J. F. Hyde. 2,449,940, Sept. 21.
Organo-silicon compounds, Preparing. J. E. Sellers and J. L. Davis. 2,449,821, Sept. 21.
Oscillator plates, Quartz. C. Frondel. 2,449,844, Sept. 21.
Oscillograph apparatus. F. J. Bias and H. W. Lord. 2,449,801, Sept. 21.
Overload release flexible coupling. W. B. Hopkins and T. T. Oberg. 2,449,555, Sept. 21.
Oxidation of heterocyclic aromatic nitrogen compounds. M. B. Mueller. 2,449,906, Sept. 21.
Packing means, Protective. K. W. Couse. 2,449,591, Sept. 21.
Pen, Fountain. L. F. Perwas. 2,449,567, Sept. 21.
Phosphorus- and sulfur-containing organic reaction products, Making. J. J. Giammaria. 2,449,933, Sept. 21.
Pick for stringed instruments. R. C. Garlick. 2,449,890, Sept. 21.
Picture frame. N. E. Olin. 2,449,907, Sept. 21.
Pipe coupling. A. La Riccia and T. W. Plante. 2,449,607, Sept. 21.
Pipe coupling. C. K. Stillwagon. 2,449,795, Sept. 21.
Pipe extension, Tail. H. L. Trautmann. 2,449,756, Sept. 21.
Pipe union, Adjustable. F. R. Clafford. 2,449,588, Sept. 21.
Piston. F. F. Kishline. 2,449,657, Sept. 21.
Plastic compositions and making the same. F. E. Calvert and P. A. Bury. 2,449,876, Sept. 21.
Plastic material from allyl starch. P. L. Nichols, Jr., and R. M. Hamilton. 2,449,816, Sept. 21.
Plastic material, Reinforced. W. D. Ellis, III. 2,449,595, Sept. 21.
Plate for jaw crushers, Wear. R. P. Kinkel. 2,449,746, Sept. 21.
Plug: *See*—
Blasting plug.
Pole butt. L. Hartley. 2,449,698, Sept. 21.
Polylactylic acid resins and making them. P. D. Watson. 2,449,828, Sept. 21.
Polysiloxane resins. C. E. Welsh. 2,449,572, Sept. 21.

Polyvinyl chloride/polystyrene dispersions, Aqueous. R. G. R. Bacon, H. Taylor, and L. Wood. 2,449,684 Sept. 21.
Posture demonstrating device. A. B. Puddicombe. 2,449,715, Sept. 21.
Power plant with differential speed motor, Hydropneumatic accumulator type. C. L. Helber and F. B. Gross. 2,449,554, Sept. 21.
Power transmitting mechanism. L. R. Buckendale and B. W. Keese. 2,449,546, Sept. 21.
Power unit. D. L. Lotts, R. T. Bucy, and H. E. Waldron. 2,449,905, Sept. 21.
Preservation of cellulosic materials. F. J. Meyer. 2,449,787, Sept. 21.
Press: *See*—
Extrusion press.
Press motor and control valve therefor, Fluid. C. Eisen. 2,449,889, Sept. 21.
Press system with control means yielding high-speed operation thereof, Hydraulic. E. Cannon. 2,449,639, Sept. 21.
Pressure unloader for compressors. J. Felser, Jr. 2,449,740, Sept. 21.
Projector of the continuously moving film type, Sound picture magazine. R. Jones. 2,449,705, Sept. 21.
Protective device, Electrical. H. R. Treece and R. A. Wilkinson. 2,449,961, Sept. 21.
Pulse-actuated circuit. J. R. Hefele. 2,449,848, Sept. 21.
Pump: *See*—
Sand pump.
Pump. H. S. Bancroft. 2,449,832, Sept. 21.
Pumping apparatus, Sludge. S. H. Ericson. 2,449,596, Sept. 21.
Pumping structure, Hermetically sealed submersible. F. C. Gilman. 2,449,772, Sept. 21.
Pyrethrum extract and propellant solution containing It. W. W. Rhodes. 2,449,671, Sept. 21.
Quantitative determination of unsaturated aldehydes. J. E. Bludworth, M. O. Robeson, and H. A. Truby, Jr. 2,449,581, Sept. 21.
Quick-acting valve. J. O. Jackson. 2,449,604, Sept. 21.
Rack: *See*—
Bailer unloading rack. Milk can drying rack.
Radio system. J. C. Noble and B. F. Hardt. 2,449,565, Sept. 21.
Railway frog, Transversely sliding. A. L. Vissat. 2,449,757, Sept. 21.
Railway journal bearing. J. J. Hennessy. 2,449,895, Sept. 21.
Reactions of inorganic polyisocyanates and polyisothiocyanates. H. C. Miller and B. C. Pratt. 2,449,613, Sept. 21.
Receiver or amplifier arranged to be fed from direct current mains, Radio. J. A. J. Bouman. 2,449,685, Sept. 21.
Recovery of acidic gases. A. W. Hixson and R. Miller. 2,449,537, Sept. 21.
Refrigeration control apparatus. E. H. Ayers. 2,449,800, Sept. 21.
Regulator: *See*—
Oil temperature regulator.
Resolution of azeotropic mixtures of chlorosilanes. A. E. Newkirk. 2,449,815, Sept. 21.
Reweaving machine. M. T. Deal. 2,449,691, Sept. 21.
Ring machine, Venturi. B. C. Crandall. 2,449,881, Sept. 21.
Rod clip. R. M. Albert. 2,449,830, Sept. 21.
Roller bearings and lock rings therefor, Assembling. G. F. Johnson. 2,449,944, Sept. 21.
Rotor for axial pole induction motors. L. E. Aske. 2,449,924, Sept. 21.
Rubber plasticized with a composition composed essentially of an aromatic hydrocarbon oil, Synthetic. F. W. Corkery. 2,449,928, Sept. 21.
Safety control system, Burner. J. Ottmar. 2,449,858, Sept. 21.
Safety device for fluid supply lines. W. S. White. 2,449,573, Sept. 21.
Safety device for motorists. K. B. Liman. 2,449,784, Sept. 21.
Sand pump. J. J. Santiago. 2,449,720, Sept. 21.
Sash hardware. H. W. Valentine. 2,449,918, Sept. 21.
Saw set. J. W. Melanson. 2,449,814, Sept. 21.
Scaling device, Fish. J. F. Sawyer. 2,449,753, Sept. 21.
Seal breaker for coffee makers. L. Reichold. 2,449,619, Sept. 21.
Seal, Electrical. H. O. Barschdorf. 2,449,759, Sept. 21.
Seat: *See*—
Child's folding seat.
Sectional dining table. R. Langstaff. 2,449,903, Sept. 21.
Seismic locating faults. A. Wolf. 2,449,921, Sept. 21.
Separator. J. F. Sebald. 2,449,790, Sept. 21.
Shaft coupling. R. E. E. Jessop. 2,449,654, Sept. 21.
Shear. F. L. and C. E. McGary. 2,449,561, Sept. 21.
Sheet shackles, Jib. F. H. Drake. 2,449,593, Sept. 21.
Shoe tree. W. M. Renner. 2,449,861, Sept. 21.
Silencer for firearms. B. Walker. 2,449,571, Sept. 21.
Skate, Foot propelled. F. M. Bohler. 2,449,871, Sept. 21.
Slicing, cutting, and core-removing machine. E. W. Bridge. 2,449,737, Sept. 21.
Slide rule. I. S. Roberts. 2,449,954, Sept. 21.
Snatch block. C. B. Johnson. 2,449,703, Sept. 21.
Snatch block. C. H. Rue. 2,449,718, Sept. 21.
Solutions of riboflavin. J. Charney. 2,449,640, Sept. 21.
Spark gap. J. E. Gorham and H. A. Zahl. 2,449,552, Sept. 21.
Spark gap. F. L. Jones. 2,449,967, Sept. 21.
Speed control for dynamoelectric apparatus. R. L. Jaeschke. 2,449,779, Sept. 21.
Speedometer, Boat. R. C. Colpaert. 2,449,590, Sept. 21.
Spheroidal silica-alumina gel particles, Preparation of. M. M. Marisic, 2,449,664, Sept. 21.
Spindle brake. R. Hargreaves and A. O. Roy. 2,449,773, Sept. 21.
Spinner control mechanism. J. C. Van Riper. 2,449,630, Sept. 21.
Spinner device, Chance. J. H. Biehl. 2,449,762, Sept. 21.
Splitter and planer head, Rotary cylindrical. G. P. Kelton. 2,449,605, Sept. 21.
Spoon leader. B. E. Eichendorff. 2,449,692, Sept. 21.
Stage regeneration of spent catalysts, Multiple. B. E. Roethell. 2,449,622, Sept. 21.
Steel, Cold hobbable. M. C. Fetzer and W. H. Kemper. 2,449,806, Sept. 21.
Stirrer for cooking vessels. L. L. Barr. 2,449,578, Sept. 21.
Stoker tuyère. F. B. Hall. 2,449,602, Sept. 21.
Spotlight, Bicycle. C. C. Knitter. 2,449,782, Sept. 21.
Strainer for puréeing food, Culinary. N. Moseley. 2,449,666, Sept. 21.
Strap. C. A. Domler. 2,449,884, Sept. 21.
Strap with inseparable ends. C. A. Domler. 2,449,885, Sept. 21.
Stratifier, Pulsating pneumatic. J. A. Brusset. 2,449,582, Sept. 21.
Streptomycin and preparation. S. A. Waksman and A. Schatz. 2,449,866, Sept. 21.
Stretcher with skeletal traction facilities. C. C. Carpenter. 2,449,767, Sept. 21.
Strip assembly method and apparatus, Unit. A. L. Hess. 2,449,776, Sept. 21.
Stripper, Ballast. D. M. Praytor and K. Kershaw. 2,449,714, Sept. 21.
Suit hanger. R. Waldman. 2,449,868, Sept. 21.
Suit type of apparel, Sun. G. Brockman. 2,449,873, Sept. 21.
Support: *See*—
Abdominal support. Heating element support.
Support and connection, Lamp filament. I. H. Van Horn. 2,449,679, Sept. 21.
Suppression of corrosion in ferrous alloy vessels in the treatment of hydrocarbons. E. Q. Camp. 2,449,585, Sept. 21.
Surface condenser. S. Pennella. 2,449,616, Sept. 21.
Switch: *See*—
Glow discharge switch.
Switch arrangement. O. J. Alvarez and E. Osman. 2,449,799, Sept. 21.
Swivel coupling. P. M. Hardwick. 2,449,744, Sept. 21.
Synthetic rubberlike materials. W. C. Mast, C. E. Rehberg, and C. H. Fisher. 2,449,612, Sept. 21.
Synthetic rubber reclaimed with a reclaiming oil composed of solvent naptha and an aromatic hydrocarbon oil. F. W. Corkery. 2,449,879, Sept. 21.
Syringe, Hypodermic. A. E. Smith. 2,449,968, Sept. 21.
Table: *See*—
Sectional dining table.
Tank mechanism, Flush. J. S. Milne. 2,449,948, Sept. 21.
Telescope mount. J. C. Garand. 2,449,551, Sept. 21.
Thawing materials. J. W. Forsythe and E. J. Smotzer. 2,449,932, Sept. 21.
3-Methylsulfonamido-4-amino dimethyl aniline photographic developer. A. Weissberger. 2,449,919, Sept. 21.
Throttle, Air controlled. J. B. Fulton. 2,449,599, Sept. 21.
Tie device for wall forms. A. H. Symons. 2,449,864, Sept. 21.
Timing modulation system. E. I. Anderson. 2,449,923, Sept. 21.
Tire carrier attachment for trucks, Spare. D. R. Ballard. 2,449,544, Sept. 21.
Tire removing device, Lever operated axially shifting. L. A. Toles. 2,449,960, Sept. 21.
Tobacco stick. D. M. and S. C. Boone. 2,449,837, Sept. 21.
Toy football dummy. M. J. Gilman. 2,449,935, Sept. 21.
Trailer and tractor lifting unit, Heavy duty. R. L. Meadows. 2,449,947, Sept. 21.
Transmission and control therefor. H. E. Carnagua. 2,449,586, Sept. 21.
Transmission and control therefor. B. B. Le May, Jr. 2,449,608, Sept. 21.
Tray, Drying. P. La Macchia. 2,449,658, Sept. 21.
Tripping and interlocking device for circuit breakers. J. W. Seaman. 2,449,820, Sept. 21.
Trough, Boiler detention. J. F. Spaht. 2,449,624, Sept. 21.
Tube: *See*—
Cathode-ray tube.
Turbine. J. Dematteis. 2,449,931, Sept. 21.

2-amino-4-methyl pyrimidine, Preparation of. C. Prevost. 2,449,908, Sept. 21.
Uncoupling mechanism. W. J. Metzger. 2,449,665, Sept. 21.
Undergarment, Combination. E. G. Neuhoff and B. F. Davenport. 2,449,857, Sept. 21.
Vacuum tube lock. K. Emde. 2,449,646, Sept. 21.
Valve: *See*—
Differential pressure valve. Quick-acting valve.
Valve. J. L. Barnes. 2,449,833, Sept. 21.
Valve actuating mechanism. H. C. Wilkening. 2,449,733, Sept. 21.
Valve suitable for use with cathode-ray tubes and for other purposes. G. N. Brett and E. A. Smith. 2,449,838, Sept. 21.
Vehicle tow bar. P. T. Wak, Jr. and A. J. Carpenter. 2,449,680, Sept. 21.
Vertical heating and circulating tube still. J. M. Chambers. 2,449,587, Sept. 21.
Vinylidene chloride resin plasticized with a di-ester of endomethylene tetra-hydrophthalic acid. H. P. Staudinger, D. Faulkner, and G. T. Wright. 2,449,959, Sept. 21.
Washer and tester, Well. W. H. Coons. 2,449,642, Sept. 21.
Washing machine, Automatic. H. Baade. 2,449,634, Sept. 21.
Water processing apparatus, Galvanic. T. C. Jones. 2,449,706, Sept. 21.
Welding mechanism. C. F. Leathers. 2,449,707, Sept. 21.
Welding rod feeder. P. H. Setzler. 2,449,677, Sept. 21.
Welding transformer. J. D. Forney. 2,449,649, Sept. 21.
Wheel assembly, Fifth. R. W. Pointer. 2,449,749, Sept. 21.
Winder. B. A. Peterson. 2,449,788, Sept. 21.
Winder, Yarn. A. E. Winslow. 2,449,682, Sept. 21.
Window blind and curtain rod holder. R. R. Ferrenberg. 2,449,597, Sept. 21.
Wing raising device for floating dry docks. W. H. Jameson and E. L. Durkee. 2,449,780, Sept. 21.
Wire covering machine, method, and product. C. W. Bechle and J. W. Olson. 2,449,834, Sept. 21.
Work gauge. E. S. Cornell. 2,449,842, Sept. 21.
Work holder for lapping lathes. H. H. Silverman. 2,449,791, Sept. 21.
Wrapper, Blanket. L. V. Schowalter. 2,449,675, Sept. 21.
Writing instrument. F. Heyberger. 2,449,939, Sept. 21.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 21, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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CLASSIFICATION OF PATENTS

This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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CLASSIFICATION OF DESIGNS

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U. S. GOVERNMENT PRINTING OFFICE: 1948

NOTICES

One Year Right of Priority under R. S. 4887

The second paragraph of R. S. 4887 (35 U. S. C. 32) provides for the right of priority in the case of an application for patent filed in the United States based upon an application previously filed (within one year) in "a foreign country, which, by treaty, convention, or *law*, affords similar privileges to citizens of the United States."

Such similar privileges are accorded to citizens of the United States by the Republic of the Philippines, by virtue of a similar provision in the patent law of the Philippines, and the provisions of the second paragraph of R. S. 4887 are considered applicable in the case of applications for patent in the United States based upon applications previously filed in the Philippines and otherwise complying with R. S. 4887.

LAWRENCE C. KINGSLAND,
Commissioner of Patents.

August 31, 1948.

Examination

In accordance with the provisions of Rule 17 of the Rules of Practice, an examination for the registration of attorneys and agents to practice before the United States Patent Office will be held on Monday, November 15, 1948.

This examination will be given under the direction of the Civil Service Commission, and may be taken in any of the cities of the country in which the Civil Service Commission regularly conducts examinations. Applications to take the examination must be directed to the Commissioner of Patents and filed in the Patent Office not later than October 20, 1948.

Application blanks may be obtained from the Clerk of the Committee on Enrollment, Room 1859, Department of Commerce Building.

THOMAS F. MURPHY,
Chairman, Committee on Enrollment.

August 16, 1948.

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed.

Pat. 2,398,775, H. L. Beekley, R. H. Gilbert, and R. H. Lacart, Valve, decided June 21, 1948, claims 1, 2, and 3.

Pat. 2,368,298, L. B. Harris, Aircraft structure, decided July 7, 1948, claims 1, 2, and 5.

Public Laws 690 and 220

The following two countries are added to the list of countries with respect to which reciprocity under Public Laws 690 and 220 is recognized (see 613 O. G. 253 for tabulation), with February 29, 1948, as the latest date of the extension of time for filing applications with extended right of priority, or taking other action:

Australia
Philippines

LAWRENCE C. KINGSLAND,
Commissioner of Patents.

August 31, 1948.

Public Laws 690 and 220, Poland

In the notice published in the OFFICIAL GAZETTE for August 10, 1948, 613 O. G. 253, giving the list of countries with respect to which reciprocity under Public Laws 690 and 220 has been recognized, footnote 4 opposite Poland is canceled. The extension of time for filing applications with extended right of priority or taking other action is February 29, 1948, without the qualification indicated in the canceled footnote.

LAWRENCE C. KINGSLAND,
Commissioner of Patents.

September 2, 1948.

Adjudicated Patents

(C. C. A. Calif.) Barili patent, No. 1,844,142, for a stuffed pastry machine, claim 4 *Held* valid and infringed. *Bianchi* v. *Barili*, 168 F.2d 793; 78 USPQ 5.

(D. C. N. J.) Germer patent, No. 2,202,199, for a discharge device, claims 2 to 10, 12, 13, 15 to 19, and 21 to 24 *Held* not infringed. *Westinghouse Electric Corp.* v. *Hanovia Chemical and Manufacturing Co.*, 78 F. Supp. 403; 78 USPQ 35.

(D. C. Ohio) Braswell patent, No. 2,238,306, for a curb feeler for automobiles, *Held* valid and infringed. *Braswell* v. *Joseph Shaw Co.*, 78 F. Supp. 363; 78 USPQ 139.

(D. C. Mich.) Turnham patent, No. 2,242,408, for merchandise handler, claims 4 to 6 *Held* valid and infringed. *Bradley* v. *Great Atlantic & Pacific Tea Co.*, 78 F. Supp. 388; 77 USPQ 343.

(D. C. N. J.) Schoeninger patent, No. 2,324,241, for a basket weave bracelet, *Held* valid but not infringed. *Forstner Chain Corp.* v. *Margrove Mfg. Co.*, 78 F. Supp. 351; 78 USPQ 40.

(C. C. A. N. C.) Mayo reissue patent, No. 22,221, for air-conditioned tobacco barn, *Held* valid and infringed. *Florence-Mayo Nuway Co* v. *Hardy*, 168 F.2d 778; 77 USPQ 439.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,443,152. LAWN MOWER SHARPENER. Patented June 8, 1948. A holder clamping a steel file is guided by tie rod of lawn mower frame for sharpening blades of cutting wheel. Holder comprises a flat body member having an outwardly tapered end with raised V-shaped guiding edges and a curved loop-like portion at other end, with an inverted V-shaped bight and a terminal abutment extension. The bight provides a seat for tie rod of mower. The file is placed against inner face of body with handle tine of file passed through an opening in the loop-like end. A clamping loop holds file in position and guides it to move longitudinally of blade. Position of holder may be adjusted to sharpen the stationary blade. (Owner) Francis Marion Slack, 3631 Crestline Road, Fort Worth 7, Tex. Group 35—22. Reg. No. 9,936.

Pat. 2,442,994. BOAT TRAILER. Patented June 8, 1948. A trailer for attachment to an automotive vehicle for lifting, transporting, and launching a canoe or outboard-motor boat. Welded tubing forms a boat-shape frame to which supporting wheels are cantilevered by use of depending arms and leaf spring. Conventional winch and cable arrangement raises or lowers boat by means of hoist hooks at prow and stern, and straps are placed beneath hull. Straps, which are of resilient metal lined to prevent scratching, are adjusted by frictional clamps to support boat against suitable stops on frame. A mounting bracket is provided for an outboard motor. (Owner) George Herman Clary, 816 5th St. South, Belle Fourche, S. Dak. Groups 37—32; 38—41. Reg. No. 9,937.

The following five patents are owned by the American Cyanamid Company. Inquiries concerning licenses to practice the processes should be addressed to American Cyanamid Company, 30 Rockefeller Plaza, New York 20, N. Y.

Pat. 2,291,079. PAPER HAVING HIGH WET STRENGTH AND PROCESS OF PRODUCING THE SAME. Patented July 28, 1942. Group 26—11—39. Reg. No. 9,938.

Pat. 2,291,080. METHOD OF PRODUCING PAPER HAVING HIGH WET STRENGTH AND PRODUCT THEREOF. Patented July 28, 1942. Group 26—11—39. Reg. No. 9,939.

These two related patents describe a process for treating paper in various ways. Paper so treated may be used as a filter paper (for commercial filter presses), as a packaging for corrosive materials, as stock paper for laminating, as a wrapping paper for meat, for paper towels, toilet tissues, etc. Generally, paper is impregnated with a 0.5%—5% aqueous solution (based on the weight of the dry paper) of the condensation products of either melamine-formaldehyde (Pat. 2,291,079) or aminotriazine-aldehyde (Pat. 2,291,080).

Pat. 2,345,543. CATIONIC MELAMINE-FORMALDEHYDE RESIN SOLUTION. Patented Mar. 28, 1944. This patent provides a ready method of obtaining controlled deposition of extremely thin resin films on negatively charged materials such as cellulosic fibers, or on metallic surfaces, etc. Aqueous solutions of the acid-type melamine-formaldehyde condensation products undergo a progressive polymerization which gradually increases the size of the resin particles until the colloidal range is reached. In this colloidal range, the resin carries a definite positive electric charge which may be controlled. The process has many uses. For example, a great improvement in the wet strength of paper is obtained by adding a positive-charge colloidal solution to a well-beaten paper stock before it is formed into finished sheets. Group 26—11—39. Reg. No. 9,940.

Pat. 2,394,273. DEFIBERING OF WET STRENGTH PAPER. Patented Feb. 5, 1946. This process provides an effective method of defibering and recovering strength-improved paper impregnated with an acid-curing resin. Paper trimmings, etc., ordinarily discarded as waste are first soaked in an alum solution for about half an hour and then heated to 100–200° F. The heat treatment may take half an hour or more depending upon the amount of resin in the paper or the alum used. After the heat treatment, the paper is mechanically disintegrated. Recovered stock may be mixed with fresh pulp or used for any other purpose. Group 26—11—39. Reg. No. 9,941.

Pat. 2,423,097. BEATER FOR DISINTEGRATING PAPER CONTAINING RESIN. Patented July 1, 1947. Conventional beater is constructed to allow the introduction of superheated jets of steam at high pressure at several points within the beater tub. By the creation of increased circulation and turbulence, the steam functions to burst and cook the stock, clear the back fall, and prevent the formation and matting of films which ordinarily tend to clog the beater and stop circulation. Special stocks which could not previously be inexpensively treated in conventional beaters may be thoroughly separated and prepared in a relatively short time. The apparatus also permits the production of a superior paper in that the beater roll is held high off the beater plate to prevent damage to the fibers. Applicable to sulphate and sulphite pulps; rag, cotton linter, and flax pulps; etc. Group 35—54. Reg. No. 9,942.

Pat. 2,443,999. STARTING DEVICE, COMPRESSION RELIEF WITH AUTOMATIC LOCK RELEASE. Patented June 22, 1948. This device enables a pilot to open the exhaust valves of a compression type of internal combustion engine and hold them open while the engine is turned over by the starter, to permit excessive oil in the combustion chambers to be exhausted before starting the engine. Vertically swinging cams for opening the valves may be either hydraulically or manually actuated. The conventional valve rocker which opens an exhaust valve during normal operation of the engine is actuated by the cam, engaging a roller on its inner end. One end of a release lever is connected to a fixed crank on a stub shaft carrying each cam. The other end of the lever is connected by a bell-crank lever to a connecting rod. The connecting rod is operatively connected to hydraulic mechanism. The outer end of the release lever is also connected to a pull cord to permit manual operation in case of failure of the hydraulic mechanism. (Owner) James F. Wright, 4 Mountain Place, Upper Montclair, N. J. Group 37—21—22. Reg. No. 9,943.

Pat. 2,411,430. DIAPER CONTAINER. Patented Nov. 19, 1946. Outside ornamental container with conventional hinged cover operated by foot pedal has supported within it a secondary open-top container for diapers. An auxiliary cover plate is slipped into raised channels secured in U-shape on undersurface of primary hinged cover to fit over open top of secondary container when cover is lowered. Cover plate is enclosed in odor-absorbent material fastened by elastic tapes for easy removal for washing. (Owner) H. C. Hodson, Hodson Chemical Company, Plainfield Ind. Groups 25—52; 33—73; 34—95; 39—81. Reg. No. 9,944.

Pat. 2,442,572. TIMING DEVICE. Patented June 1, 1948. An adjustable timing device for mechanical and electrical control system. Produces a snap movement after the elapse of a desired time interval and effects instantaneous response of a control mechanism. A spring detent is mounted on a support to engage and lock a vertically movable bolt in its lowered position against the tension of the spring. A fluid-filled cylinder rotatably mounted by means of a pin between the sides of a U-shaped bracket secured to the support effects tripping of spring detent after a timed interval. A yoke pivotally mounted on the pin extends over the cylinder and rotates independently as the cylinder pivots downward. A gravity-influenced ball within the cylinder travels away from its axis of pivoting and overcomes the tendency for the yoke to hold the cylinder in a downward position. The yoke passes to other side of center and allows the cylinder to pivot downward under influence of the ball, thereby gathering momentum and abruptly actuating the control mechanism as it reaches its lowest position. (Owner) Thomas H. Sheehan, 16205 Washburn, Detroit 21, Mich. Groups 33—59; 34—61. Reg. No. 9,945.

Pat. 2,443,382. SEXTANT. Patented June 15, 1948. An instrument for determining the elevation of celestial bodies, having a time piece arranged beyond a mirror in which the image of the bubble is reflected. When the operator has the image properly located, he can at the same time view the timepiece and note the time on the tape of a drum at side of casing without taking his eye from the sight opening of the sextant. (Owner) Russell Parry Ferlen, 303 Nevada St., Northfield, Minn. Group 39—11. Reg. No. 9,946.

Pat. 2,442,709. RINSING, DRYING, AND CANNING RACK. Patented June 1, 1948. A rack for rinsing and drying dishes may also be used for holding jars or cans during canning. An open-work wire frame is rotatably mounted on a tubular support. Circular wire rings at spaced intervals provide an outer rim for the container, a base for the device, and a support for the dishes. Upright supporting wires are secured to the outer rim and to the lower extremity of the tubular support. An additional rack for silverware is detachably mounted across the circular rack. When the device is used for canning, the racks are removed from the base and the cans positioned on the base rings and placed in the canning kettle. (Owner) Sydney N. Ramsdell, 100 South State St., Tama, Iowa. Groups 33—49; 34—41. Reg. No. 9,947.

Pat. 2,443,896. DOOR CLOSER. Patented June 22, 1948. Automatic door closer for prevention of slamming. One bore in body of device contains a piston working against fluid, with a by-pass for fluid to flow from one end of bore to other. A spring-controlled crosshead is slidable in another bore. Rods are connected to piston and crosshead, with an attaching plate connecting ends of rods to move piston and crosshead in unison. Plate is fastened to door jamb, body to door. Opening push on door exerts pull on connecting rods, extending the spring as crosshead moves toward head. Oil in top bore flows freely through piston, unseating the valve and allowing door to swing open unhindered. When opening pressure is released, the spring moves door toward closed position, reseating valve and forcing oil through by-pass. Speed with which door closes is governed by adjustment of needle valve in by-pass. (Owner) Joseph D. Denburger, 3347 Division St., Los Angeles 41, Calif. Group 33—59. Reg. No. 9,948.

The following 8 patents are owned by Herbert E. Page, 2846 Westshire Drive, Hollywood 28, Calif.

Pat. 1,887,719. GARMENT OR IRONING PRESS. Patented Nov. 15, 1932. The press head of this power-operated garment-pressing machine may be preliminarily closed to "safety-first" position by depressing either a hand lever or a foot pedal. To finally close the press head under heavy pressure, it is necessary for an operator to use both hands to simultaneously depress dual hand levers. If operator desires to hold the press head in final closed position, the levers are fully depressed so that latches will engage and maintain them in such position. Depressing either a second foot pedal or another hand lever will release the latches and permit the press head to return to its fully open position. When it is desired to press some garments with an intermittent pressing action, another hand lever is elevated, and such operation is automatically performed as long as the lever is held in such position. When the lever is released, the press head stops in its fully open position. Group 35—82. Reg. No. 9,949.

Pat. 2,046,531. TWO-HAND CONTROL DEVICE. Patented July 7, 1936. Device for controlling operation of a fluid motor of a garment-pressing machine compels an operator to use both hands and simultaneously depress dual hand controls during pressing operations. If either control is released before the press is closed, the motor is automatically de-energized and device rendered inoperative. If one control is held or tied down, the other lever will not operate the device. After an elapsed period (which may be varied) the device opens the press and returns to its starting position. When desired, the press may be opened by depressing a foot pedal. The hand levers are connected, respectively, to the arms of a T-lever which moves vertically and carries an operating member with it when both levers are simultaneously depressed. Depressing either hand lever without depressing the other will cause the T-lever to pivot to either one side or the other without moving the operating lever. Group 35—82. Reg. No. 9,950.

Pat. 2,051,739. GARMENT PRESSING MACHINE. Patented Aug. 18, 1936. Power-operated garment-pressing machine is provided with differential lever mechanism which quickly closes the press head to "safety-first" position through a short leverage, and then shifts to a longer leverage to finally close the press head under heavy pressure. During preliminary closing the differential lever is restrained from fulcruming to shift to the longer leverage until a roller on the end of one of its arms reaches the end of an inclined track and climbs upon the end of a vertical fulcrum rod. This fulcrum rod may be manually adjusted to compensate for material of different thicknesses. Group 35—82. Reg. No. 9,951.

Pat. 2,058,495. GARMENT PRESSING MACHINE. Patented Oct. 27, 1936. In this garment-pressing machine a single-cylinder fluid motor is floatingly mounted between two successively actuated levers which move in opposite directions. One of the levers (which carries the press head) is connected to the side of the cylinder, while the second lever at a lower level is connected to the piston rod. The motor first acts through a quick-acting short leverage to preliminarily close the press head to "safety-first" position, and finally closes it under heavy pressure by longer leverage. Movement of the lower lever is delayed until after the press is closed. Once the press is

closed, it will remain closed without further attention from operator. Dual hand controls require the operator to use both hands to operate the machine. Group 35—82. Reg. No. 9,952.

Pat. 2,148,085. PRESSING MACHINE. Patented Feb. 21, 1939. Garment-pressing machine is provided with a single controlling member which may be manually set in three positions for operating machine in different ways. When set in one position, the press mechanism is moved by power, governed by operator depressing a foot pedal lightly. The press head may be stopped at any point between fully open and closed position by depressing foot pedal various degrees and holding it. If pedal is released at any intermediate point, the press head automatically returns to open position. When pedal is fully depressed, the press head is automatically locked in closed position, and released only by depressing another foot pedal. Setting the control in another position converts the machine into a hand-controlled power press, with foot pedal inoperative. When set in a neutral or third position, the press may be manually operated by foot pedal independently of any power. Group 35—82. Reg. No. 9,953.

Pat. 2,175,127. GARMENT-PRESSING MACHINE. Patented Oct. 3, 1939. Power-operated pressing machine is designed to apply uniform pressure to garments of different thicknesses. A differential lever mechanism and a floating follow-up fulcrum means quickly close the press head under light pressure through short leverage, and shift to longer leverage to apply heavy pressure. The differential lever is restrained from pivoting during closing of the press and fulcrums only when resistance of the material to be pressed is encountered. Should an operator's hand be caught in the press, the fulcrum means will move so as to prevent application of heavy pressure. Adjustment of this machine is necessary only when pressing abnormally thick material. Group 35—82. Reg. No. 9,954.

Pat. 2,191,117. PRESSING MACHINE. Patented Feb. 20, 1940. Power-operated pressing machine is provided with a revolving buck having a pressing surface on each side and two press heads which move in an arcuate or orbital path about the buck and radially to open and close the press. During each pressing cycle the buck revolves one-half revolution to present a different pressing surface each time it stops so that an operator can unload and load the press while the other pressing face is engaged in a pressing operation. This permits an operator to accomplish the work of two machines. When the buck is loaded, it moves practically out of reach of operator before a press head closes. If desired, the buck may be held stationary and the press used as an ordinary machine. The pressing force is applied directly on top of the pressing elements without being passed through several levers. Group 35—82. Reg. No. 9,955.

Pat. 2,295,126. PRESSING MACHINE. Patented Sept. 8, 1942. Power-operated garment-pressing machine, in addition to the usual movable press head, is provided with a vertically movable buck. The press head is preliminarily closed under light pressure by quick-acting leverage without moving the buck, and heavy pressure then applied to both the head and buck through a change in leverage to finally close the press. Strains created during pressing operations are not transmitted to the yoke lever of the press head or to frame of machine. An upper lever for moving the press head and a lower lever for moving the buck are restrained from any substantial pivotal movement by cam means until the press is preliminarily closed, and then released to fulcrum in opposite directions to finally close the press. A cam roller on the inner end of upper lever rides over a cam surface on top of press head to close it and apply final heavy pressure. The outer ends of upper and lower levers are pivotally connected, respectively, to a piston rod and a cam projection on the bottom of the cylinder in a floating single-cylinder motor. These levers, near their inner ends, are pivoted to opposite ends of a floating C-shaped carrier, which is entirely free of the frame of the machine. Group 35—82. Reg. No. 9,956.

Pat. 2,433,261. PROCESS FOR MAKING ALL PLASTIC ARTIFICIAL EYES AND PRODUCT THEREOF. Patented Dec. 23, 1947. This patent describes an individually fitted artificial eye made of plastic material. The scleral portion is formed of layers of thermoplastic material of various translucencies and colors which, because of their blending of light absorption and reflection properties, give the eye a natural appearance and depth. The iris is molded into a socket by means of translucent colored plastic material which overlaps the edge of the iris to form a soft transition between the scleral portion and the iris, thus eliminating the staring effect of an artificial eye. (Owner) A. J. Brent, Brent Laboratories Limited, 62 Avenue Road, Toronto 5, Canada. Group 39—14. Reg. No. 9,957.

Pat. 2,445,519. DEVICE FOR EXERCISING OCULAR MUSCLES. Patented July 20, 1948. In this eye-exercising device a luminous object is moved between two fixed points, one close and the other relatively distant. The device consists of a tilted base provided with a head board (that includes an adjustable chin rest) and a foot board. Both boards support a pair of guide rods on which a fixation object is movable back and forth. The fixation object comprises a light bulb mounted on a housing for a switch and batteries. The exercise is preferably performed in a darkened room. The operator places his chin on the rest and slides the housing toward himself, focusing his eyes on the illuminated light bulb to a point where proper focus is not possible. At this time, the fixation object is withdrawn, extinguishing the light so that the eye muscles are relaxed, after which the operation is repeated for a period of time. (Owner) Merle E. Floegel, 9308 Glenville Road, Silver Spring, Md. Group 39—11. Reg. No. 9,958.

Dedicated Patents

The following patents and application held by Glass Science, Inc., having its principal office at 15 Broad St., New York, N. Y., have been dedicated to the public of the United States by instruments recorded in the United States Patent Office. The instruments read in part as follows: "• • • hereby grant to the public of the United States, and each and every member thereof, including persons, firms and corporations, the right to make, to use and to vend to others to be used, the said inventions . . . without any liability . . . to the said Glass Science, Inc. • • •."

Pat. 2,428,600. METHOD OF STAINING GLASS WITH COPPER HALIDE VAPORS. Patented Oct. 7, 1947. Ordinary soda lime glass (such as that used for window panes or bottles) may be successfully colored when volatile copper salts (such as cuprous chloride) are caused to react with the glass heated at temperatures ranging from 500° to 800° C., for varying lengths of time. If a high temperature and salt concentration is used, the glass will be coated with a reflecting metallic surface, or, if low concentrations are used, colors ranging from faint pink to deep red may be obtained, depending on the length of time the glass is subjected to treatment. The process may be advantageously used for treating individual glass articles for decorative and other purposes. The mirrored surfaces obtained cannot be dissolved by nitric acid. Group 32—39.

Pat. 2,430,520. DEPOSITION OF METAL ON GLASS FROM METAL FORMATES. Patented Nov. 11, 1947. This patent is somewhat similar to Pat. 2,428,600 except that the process is performed under vacuum. Metallo-organic compounds such as copper formate, or acetate, or the acetylacetonates of copper, nickel, or platinum are suitable. The glass article being coated is heated (350°—450° C.), and vaporized metal deposited on the glass surface produces a mirror, the thickness varying with the length of the process. Group 32—39.

Serial No. 597,144. GLASS MANUFACTURE. Group 32—39.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 21, 1948

[VOL. 614. No. 3]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 490,616. AKTIEBOLAGET MÖLNBACKA-TRYSIL, Forshaga, Sweden. Filed Oct. 29, 1945.

F:HAGA

FOR BLEACHED SULPHITE PULP FOR THE MANUFACTURE OF PAPER AND RAYON.

Claims use since January 1945.

Ser. No. 518,864. ALLIED CHEMICAL & DYE CORPORATION, New York, N. Y. Filed Mar. 12, 1947.

BRS

FOR TAR-LIKE LIQUID BITUMINOUS MATERIAL FOR COMPOUNDING RUBBER.

Claims use since Sept. 26, 1946.

Ser. No. 519,026. PLASTIC GLASS CORPORATION, Brooklyn, N. Y. Filed Mar. 14, 1947.

GLACITE

FOR PLASTIC MATERIAL IN SHEET, ROD, AND TUBE FORM, USED IN THE FABRICATION OF AIRCRAFT ENCLOSURES, SAFETY SHIELDS, FURNITURE, WALL PANELS, NOVELTIES, ILLUMINATING ACCESSORIES, MODELS, DIALS, TABLEWARE, AND DECORATIVE ACCESSORIES.

Claims use since Mar. 3, 1947.

Ser. No. 520,966. NEWPORT INDUSTRIES, INC., Pensacola, Fla. Filed Apr. 18, 1947.

ZYLAR

FOR ZINC CALCIUM RESINATE USED PRINCIPALLY IN COATING AND PLASTIC COMPOSITIONS INCLUDING PRINTING INKS.

Claims use since Mar. 5, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 500,837. SPAULDING & COMPANY, Chicago, Ill. Filed Apr. 24, 1946.



The trade-mark consists of a right angle triangle in solid black color, with the hypotenuse thereof extending obliquely with respect to a container of contrasting color to which the trade-mark is applied. The mark is usually applied to the top left-hand corner of a rectangular box containing the goods.

FOR HAND LUGGAGE, TRUNK PORTFOLIOS, BAGS, AND CASES FITTED WITH TOILET ARTICLES, CASES FOR RECEIVING CARDS, POCKETBOOKS, WALLETS, CASES FOR HOLDING LETTERS, HANDBAGS, EVENING BAGS MADE OF FABRIC, PLASTIC, AND LEATHER, SUITCASES, TRAVELING BAGS, OVERNIGHT BAGS, AND TOILET CASES.

Claims use since Oct. 1, 1932.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 517,583. PARFA PARFUMERIE UND KOSMETIK, A. G., Zurich, Switzerland. Filed Feb. 15, 1947.

Til Duc

FOR AFTER SHAVING LOTION, AFTER SHAVING SKIN CREAM, BATH SALT, BEFORE DRY SHAVING LOTION, BRILLIANTINE, COLD CREAM, CREAM NAIL ENAMEL, HAIR DRESSING PREPARATION, NAIL POLISH REMOVER, PERFUME, TALCUM POWDER, TOILET WATER, VANISHING CREAM.

Claims use since Feb. 16, 1935.

Ser. No. 491,850. LANCOME, S. A., Paris, France. Filed Nov. 19, 1945.

KYPRE

FOR PERFUMES AND ROUGES.
Claims use since Feb. 21, 1935.

Ser. No. 507,941. SCHERING & GLATZ, INC., New York, N. Y., assignor to William R. Warner & Co., Inc., New York, N. Y., a corporation of Delaware. Filed Aug. 23, 1946. Under 10-year proviso.

SCHERING AND GLATZ, INC. S&G

Registration rights in the word "Inc.," apart from the mark as shown, are hereby disclaimed.
FOR MEDICINAL COMPRISING SOLUBLE BARBITAL FOR USE AS A SEDATIVE.
Claims use since Mar. 13, 1946.

Ser. No. 509,393. BRITISH COD LIVER OILS (HULL & GRIMSBY) LIMITED, Hull, England. Filed Sept. 20, 1946.



FOR COD LIVER OILS AND BY-PRODUCTS THEREOF.
Claims use since 1936.

Ser. No. 511,164. C. F. KIRK COMPANY, New York, N. Y. Filed Oct. 19, 1946.

RECTOCAINE

FOR SOLUTION OF ANESTHETICS IN VEGETABLE OIL FOR PROLONGED ANESTHESIA.
Claims use since January 1936.

Ser. No. 515,355. ALMAY, INC., New York, N. Y. Filed Jan. 7, 1947.



ALMAY

FOR FACE POWDER, LIPSTICK, ROUGE, TALCUM POWDER, COLD CREAM, ACNE LOTION, AND SHAMPOO.
Claims use since Dec. 10, 1946.

Ser. No. 522,614. E. SONNENSCHEIN & CO., INC., New York, N. Y. Filed May 17, 1947.

soNco

FOR CHEMICAL DYESTUFFS.
Claims use since 1932.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 486,011. U. S. AUTOMATIC CORPORATION, Amherst, Ohio. Filed July 19, 1945.



The word "Automatic" is disclaimed apart from the mark as shown. The border of the shield of the trademark shown in the accompanying drawing is lined for the color red, as is also the cross band and the word "Antomatic", the panel between the top of the shield and the cross band being lined for the color blue, and the word "Automatic" appearing on a white background.
FOR SCREW MACHINE PRODUCTS—NAMELY, ADAPTERS, DETACHABLE STEM TAIL BODIES, PRIMER BODIES, DELAY CHARGE HOLDERS, FIRING PINS, DETACHABLE STEM TAIL PIECES, NOSE PIECES, HEAD CLOSING PLUGS, AND TAIL CLOSING PLUGS, ALL OF THE GOODS FORMING PARTS, RESPECTIVELY, OF FIREARMS, PROJECTILES, OR GRENADES.
Claims use since Aug. 7, 1942.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 512,143. RED FEATHER PRODUCTS LTD., Redwood City, Calif., assignor to Red Feather Products Ltd., Redwood City, Calif., a corporation of California. Filed Nov. 2, 1946.

RED FEATHER



The drawing is mottled for shading purposes only.
FOR CARBON PAPER, TYPEWRITER RIBBONS, AND DUPLICATOR INKS.
Claims use since June 1, 1932.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 491,580. THE MCKAY COMPANY, Pittsburgh, Pa. Filed Nov. 14, 1945.

---MCK---

FOR TIRE CHAINS AND METAL INDUSTRIAL CHAINS—NAMELY, LOG CHAINS, CRANE CHAINS, FARM CHAINS, DREDGING CHAINS, AND RAILROADING CHAINS.
Claims use since May 17, 1922.

Ser. No. 499,237. JAMES J. JACOBSON, New York, N. Y. Filed Mar. 29, 1946.

FLAME-KIST

Exclusive right to the use of the word "Flame" is disclaimed apart from the mark. The drawing is lined to indicate the colors black and red.
FOR SKEWERS.
Claims use since Dec. 10, 1945.

Ser. No. 502,851. SOCIETE "SECURIT'S" E. D. L. C., Paris, France. Filed May 27, 1946.



Applicant disclaims the illustration of safety nuts apart from the mark.
FOR SAFETY NUTS.
Claims use since 1937.

Ser. No. 515,418. FRANKLIN PICTURE FRAME CO., Chicago, Ill. Filed Jan. 8, 1947.

PIC-HANG

The syllable "Hang" is disclaimed apart from the mark as shown.
FOR PICTURE HANGERS.
Claims use since Dec. 16, 1946.

Ser. No. 526,293. WM. RICHMAN SUPPLY CORP., New York, N. Y. Filed July 4, 1947.

ROCKLITE

FOR SCREENING MADE OF PLASTIC YARN USED FOR WINDOW SCREENS.
Claims use since Mar. 21, 1946.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 514,308. THE SIGHT LIGHT CORPORATION, Deep River, Conn., assignor to Leroy C. Doane, Essex, Conn. Filed Dec. 14, 1946.

LUMETAL

FOR PERFORATED SHEETS OF METAL, FOR MAKING LIGHTING FIXTURES, ILLUMINATED SIGNS, AND TRANSPARENCIES.
Claims use since Oct. 16, 1946.

Ser. No. 517,117. THE CARPENTER STEEL COMPANY, Reading, Pa. Filed Feb. 7, 1947.

Carpenter
Moniseal "444"

The word "Carpenter" is disclaimed apart from the mark.

FOR NICKEL ALLOY IN THE FORM OF WIRE, STRIPS, BARS, BILLETS, AND SHAPES.

Claims use since Jan. 8, 1947.

Ser. No. 524,994. S. G. KEYWELL CO., INC., Detroit, Mich. Filed June 27, 1947.

SKCO

No claim is made to the abbreviation "Co." apart from the mark.

FOR FERREOUS AND NONFERREOUS SCRAP METALS.

Claims use since March 1926.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 483,167. BREEZE CORPORATIONS, INC., Newark, N. J. Filed May 10, 1945.

BRESHIELD

FOR CASINGS FOR THE ELECTRICAL EQUIPMENT OF MOTORS AND SIMILAR POWER APPARATUS TO PREVENT ELECTRICAL EMANATIONS FORM LEAVING OR OUTSIDE ELECTRICAL IMPULSES FROM AFFECTING SAID EQUIPMENT, ELECTRIC CONNECTORS, SWITCHES, JUNCTION BOXES, FUSE BOXES, RESISTOR BOXES, AND TERMINAL BOXES.

Claims use since Apr. 18, 1945.

Ser. No. 488,196. CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill., now by change of name to Sunbeam Corporation. Filed Sept. 10, 1945.

Sunbeam

FOR BUFFET SERVICE SETS CONSISTING OF ELECTRICAL APPLIANCES—NAMELY, TOASTERS, COFFEE MAKERS, AND ANCILLARY EQUIPMENT CONSISTING OF DISHES, AND A TRAY THEREFOR.

Claims use since September 1935.

Ser. No. 498,089. THE SINGER MANUFACTURING COMPANY, Elizabeth, N. J. Filed Mar. 12, 1946. Under section 5b of the act of 1905 as amended in 1920.

SINGER

FOR ELECTRO-MECHANICAL DRIVES FOR SEWING MACHINES AND THE LIKE, ELECTRIC TRANSMITTERS, ELECTRIC LIGHTING FIXTURES, ELECTRIC SWITCHES, ELECTRONIC BONDING MACHINES FOR OPERATION UPON DIELECTRIC MATERIALS, OSCILLATORS, AND PARTS AND ATTACHMENTS THEREFOR.

Claims use since 1924.

Ser. No. 516,332. TRADIO, INC., Deal, N. J. Filed Jan. 24, 1947.

tradioVision

The applicant disclaims the term "Vision" except in association with the entire mark as shown.

FOR ELECTRICAL EQUIPMENT, SPECIFICALLY COMBINED RADIO AND TELEVISION RECEIVING SETS.

Claims use since Nov. 1, 1946.

Ser. No. 522,216. HAL G. SHERRY, Los Angeles, Calif. Filed May 10, 1947.

Melody Time

FOR RADIO RECEIVING SETS.

Claims use since Sept. 1, 1946.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 497,541. HEALTHWAYS, Los Angeles, Calif. Filed Mar. 2, 1946.

HEALTHWAYS

The male and female figures are fanciful. The words "Hollywood" and "America's Ways To Health" are disclaimed apart from the mark.

FOR SPORTING GOODS—NAMELY, BAR BELLS AND DUMB-BELLS, IRON AND BRASS SHOT, IRON BOOTS FOR ABDOMINAL AND LEG EXERCISES, HEAD STRAPS FOR NECK DEVELOPMENT, ROLLERS FOR WRIST AND FOREARM BUILDING, PITCHING HORSESHOES, SKIP ROPE, RUBBER EXERCISERS FOR ARMS, LEGS, AND BODY, RUBBER ROWING EXERCISERS FOR ROWING MOTION.

Claims use since September 1939.

Ser. No. 500,729. ARTOYS INC., Brooklyn, N. Y. Filed Apr. 23, 1946.

ARTOY

The word "Toy" is disclaimed apart from the mark.

FOR TOYS, COMPRISING CONSTRUCTION AND PLAY BLOCKS, PULL TOYS, DOLL HOUSES AND FURNITURE, AND EDUCATIONAL TOYS COMPRISING ALPHABETICAL BLOCKS, TOY CLOCKS, TOY RADIO SETS, AND TOY TRAIN SETS.

Claims use since Apr. 3, 1944.

Ser. No. 506,427. CRAFTO INC., Denver, Colo. Filed July 29, 1946.

CRAFTO

The mark consists of the word "Crafto."

FOR TOY MODEL KITS FOR USE IN BUILDING MODEL AIRPLANES, TRAINS, AND VEHICLES.

Claims use since Mar. 1, 1946.

Ser. No. 517,880. ANIMAL TRAP COMPANY OF AMERICA, Lititz, Pa. Filed Feb. 21, 1947. Under section 5b of the act of 1905 as amended in 1920 as to "Newhouse."

Newhouse

FOR ANIMAL BAIT IN THE NATURE OF A LURE.

Claims use since Jan. 23, 1947.

Ser. No. 524,027. J. SWEDLIN, INC., New York, N. Y. Filed June 11, 1947.

Gund

The representation of the goods is disclaimed apart from the mark.

FOR STUFFED TOYS—NAMELY, STUFFED DOLLS AND ANIMAL FIGURES.

Claims use since Mar. 15, 1943.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 474,401. DRONSFIELD BROTHERS LTD., Lancashire, England. Filed Sept. 20, 1944. Under 10-year proviso.

DRONSFIELD'S

FOR TEXTILE CARD GRINDING MACHINES; TEXTILE ROLLER, BOWL AND CYLINDER GRINDING MACHINES; CARD MOUNTING MACHINERY; STRIPPING AND BURNISHING ROLLERS; TEXTILE ROLLER COVERING MACHINES; BURNISHING MACHINES; TEXTILE CUTTER, BLADE AND KNIFE TRUEING UP AND SHARPENING MACHINES; MILLING MACHINES FOR TEXTILE FLATS; BOBBIN STRIPPING MACHINES AND DEVICES; TEXTILE WRAP ROLLERS; TEXTILE FLAT AND CARD CLEANING DEVICES; TEXTILE STRIPPING ROLLERS; MACHINES FOR UNWINDING MEASURED LENGTHS OF SLIVERS FROM BOBBINS AND IF YARN FROM COPS; TEXTILE ROLLER RACKS; TEXTILE CARD PRESSES; TEXTILE CARD FACING UP OR DRESSING DEVICES; TEXTILE STRAP BEVELLING MACHINES; TEXTILE BELTING PRESSES; TEXTILE BELT EVENING DEVICES; TEXTILE SKEWER POINTERS; TEXTILE YARN TRAVERSE MOTIONS; PUMPS; TEXTILE CYLINDERS; TEXTILE CLOTH PASTING MACHINES; TEXTILE CLOTH COMPRESSORS; BOARDS FOR CUTTING SKINS, CLOTH AND FABRIC; LEATHER GRINDING MACHINES; SPLICING MACHINES FOR LEATHER; CALENDERS; TEXTILE ROLLER BURNISHING MACHINES; STRIPPING APPLIANCES FOR REMOVING TEXTILE LEATHERS; TEXTILE HAND TOOLS, TEXTILE POLISHING TOOLS, HAND STRIPPING TOOLS.

Claims use since 1880.

Ser. No. 498,195. ANSUL CHEMICAL COMPANY, Marinette, Wis. Filed Mar. 14, 1946.

THE MASTER OF FLAME

The word "Flame" is disclaimed apart from the mark.

FOR PORTABLE HAND AND WHEEL-MOUNTED FIRE EXTINGUISHING EQUIPMENT.

Claims use since Apr. 25, 1945.

Ser. No. 505,366. TEMPRO, INCORPORATED, New Haven, Conn. Filed July 10, 1946.

barboy

FOR COMBINATION JIGGER, ICE MALLET, CORK PULLER, AND BOTTLE DECAPPER.

Claims use since July 3, 1946.

Ser. No. 510,274. THE POOTATUCK CORPORATION, Stratford, Conn. Filed Oct. 4, 1946.

LION

MITER

MASTER

The word "Miter" is disclaimed apart from the mark shown.
FOR CUTTER FOR CUTTING MITERS IN WOOD.
Claims use since May 2, 1932.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 498,750. PAUL F. BOEHM, doing business as Instrumaster Industries, Greenwich, Conn. Filed Mar. 22, 1946.

"Instrumaster"

FOR INSTRUMENTS FOR DRAFTSMEN—NAMELY, TRIANGLES, DRAFTING STENCILS, AND PROTRACTORS.
Claims use since Oct. 24, 1945.

Ser. No. 498,751. PAUL F. BOEHM, doing business as Instrumaster Industries, Greenwich, Conn. Filed Mar. 22, 1946.

PFB

FOR INSTRUMENTS FOR DRAFTSMEN—NAMELY, TRIANGLES, DRAFTING STENCILS, AND PROTRACTORS.
Claims use since Oct. 24, 1945.

Ser. No. 516,127. GEVAERT PHOTO PRODUCTEN, N. V., Antwerp, Belgium. Filed Jan. 22, 1947.

CURIX

FOR SENSITIZED PHOTOGRAPHIC PAPERS, PLATES, FILMS, ROLLFILMS, PORTRAIT FILMS, STUDIO FILMS, FLAT FILMS, PACK FILMS, X-RAY FILMS, FILMS USED IN THE GRAPHIC ARTS OF PRINTING, PROCESS ENGRAVING AND THE LIKE, CINEMATOGRAPHIC FILMS, CAMERAS AND PARTS THEREFOR, NON-SENSITIZED PHOTOGRAPHIC ACCESSORIES—NAMELY, DEVELOPING FRAMES, CINEMATOGRAPHIC CAMERAS AND PROJECTORS.
Claims use since Jan. 1, 1946.

Ser. No. 522,235. TACO HEATERS, INCORPORATED, Providence, R. I. Filed May 12, 1947.

TACO-MATIC

FOR THERMOSTATIC CONTROL VALVE FOR HOT WATER HOUSE HEATING SYSTEMS.
Claims use since Jan. 27, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 518,843. MANUEL MARTIN, doing business as Martin California, Los Angeles, Calif. Filed Mar. 11, 1947.

Z

FOR SEWING STANDS, TELEPHONE STANDS, SMOKE STANDS, MAGAZINE RACKS, WALL BRACKETS AND SMALL TABLES INCLUDING RADIO TABLES, SIDE TABLES, END TABLES, COCKTAIL TABLES, WORK TABLES, SEWING TABLES, TELEPHONE TABLES AND OTHER SMALL TABLES CONSTITUTING AUXILIARIES TO OTHER TABLES WITH WHICH THEY ARE USED.
Claims use since Feb. 10, 1947.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 512,067. LIBERTY FIRE APPARATUS CO., INC., Roanoke, Va. Filed Nov. 5, 1946.

LIBERTY SPECIAL

No claim is made for the word "Special" apart from the mark as shown.
FOR FIRE HOSE.
Claims use since June 7, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 518,680. WILLIAM HERTER, doing business as Herter Machine Tool & Dye Works, Queens Village, Long Island, N. Y. Filed Mar. 7, 1947.

Jiffy

FOR ENVELOPE OPENER.
Claims use since Oct. 4, 1946.

CLASS 39

CLOTHING

Ser. No. 498,120. DALY BROS. SHOE CO., INC., Boston, Mass. Filed Mar. 13, 1946.

Air-A-Tomic

FOR SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS THEREOF.
Claims use since Dec. 28, 1945.

Ser. No. 507,753. SANDESS MANUFACTURING CO., Philadelphia, Pa. Filed Aug. 21, 1946.

Tuff TOT

The picture of the boy represents a fanciful person.
FOR BOYS' AND JUVENILE SPORTSWEAR, AND CLOTHING—NAMELY, JACKETS, OVERALLS, TROUSERS, TOP COATS, LEISURE SUITS, SNOW SUITS, LUMBERJACKETS, OUTER SHORTS, OUTER SHIRTS, AND BLOUSES.
Claims use since Nov. 1, 1944.

Ser. No. 515,069. CANNON SHOE COMPANY, Baltimore, Md. Filed Dec. 31, 1946.

CANNON

Beautettes

FOR SHOES MADE OF LEATHER, FABRIC, RUBBER, AND/OR ANY COMBINATION THEREOF.
Claims use since Aug. 22, 1946.

Ser. No. 515,074. CANNON SHOE COMPANY, Baltimore, Md. Filed Dec. 31, 1946.

CANNON

Symphonettes

FOR SHOES, MADE OF LEATHER, FABRIC, RUBBER, AND/OR ANY COMBINATION THEREOF.
Claims use since Aug. 26, 1946.

Ser. No. 517,137. JAROD MANUFACTURING CORP., Rockville Centre, N. Y. Filed Feb. 7, 1947.

Jarod

The mark consists of the word "Jarod."
FOR MEN'S OUTER SHIRTS.
Claims use since Oct. 8, 1946.

Ser. No. 519,368. WINNER, INC., Berne, Ind. Filed Mar. 20, 1947.

SAFETY LEGION

FOR CHILDREN'S, BOYS', YOUTHS', GIRLS', AND MISSES' PLAY AND SCHOOL TOGS—NAMELY, PANTS, JUMPERS, SHORTS, SHIRTS, SKIRTS, COATS AND JACKETS, DUNGAREE; RAINWEAR—NAMELY, RAINCOATS, SPORT JACKETS, HATS AND CAPS MADE OF WATER-REPELLENT FABRICS; HEADWARE—NAMELY, TOPPERS, CAPS AND HELMETS; PAJAMAS, AND UNDERWEAR.
Claims use since Aug. 1, 1939.

Ser. No. 521,526. JOSEPH W. LESS, doing business as Ty-Self Tie Co., Fulton, Ill. Filed Apr. 29, 1947.

Ty-Self

No claim is made to "Ty" apart from the mark as shown.
FOR NECKTIES.
Claims use since Jan. 10, 1947.

Ser. No. 525,198. PALTER DE LISO, INC., New York, N. Y. Filed June 30, 1947.

PALTER DE LISO

FOR LADIES' SHOES MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since 1934.

Ser. No. 525,399. POYNTER CLOTHING CO., New York, N. Y. Filed July 1, 1947.

NEEDLEGUILD TAILORED

The word "Tailored" is disclaimed apart from the mark.
FOR MEN'S SUITS, TOPCOATS, RAINCOATS, OVERCOATS, SPORT COATS, LEISURE COATS, LOAFER COATS, TUXEDOS, TROUSERS, SLACKS, DRESS SHIRTS, SPORT SHIRTS, SWEATERS, HOSE, UNDERWEAR, PAJAMAS, LOUNGING ROBES, HANDKERCHIEFS, MUFFLERS, SWIMMING TRUNKS, AND GLOVES MADE OF FABRIC AND LEATHER.
Claims use since May 1, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 491,367. SCHALET-POLLACK CORPORATION, New York, N. Y. Filed Nov. 9, 1945.

INTEGRITY LINKED

Applicant disclaims the exclusive use of the word "Linked" apart from the mark as shown.
FOR BUTTONS, HAND NEEDLES, AND TRIMMINGS.
Claims use since Nov. 15, 1935.

Ser. No. 509,414. GOLD MEDAL HAIR PRODUCTS, Brooklyn, N. Y. Filed Sept. 20, 1946.

medalo

The picture of the woman's head is fanciful.
FOR NONELECTRICAL CURLING IRONS, PRESSING COMBS, AND MARCEL IRONS.
Claims use since June 1, 1942.

Ser. No. 514,274. INTERNATIONAL BRAID COMPANY, Providence, R. I., assignor to International Braid Company (1947), Providence, R. I., a corporation of Rhode Island. Filed Dec. 14, 1946.



The trade-mark consists of a narrow band of yellow color at the extreme end of the tip and encircling the tip. No claim is made to the picture of the shoe lace and tip per se.
FOR SHOE LACES AND GARMENT LACINGS HAVING A TIP THEREON.
Claims use since June 8, 1945.

Ser. No. 518,222. HAT FIELD TRIMMINGS CO., New York, N. Y. Filed Feb. 27, 1947.



No claim is made to the words "By Hat Field" apart from the mark shown.
FOR OUTER RIBBONS OR BANDS FOR MEN'S HATS.
Claims use since Dec. 17, 1946.

Ser. No. 520,263. CANUET FRERES, Paris, France. Filed Apr. 7, 1947.



FOR BEADS AND METAL SPANGLES IN THE NATURE OF TRIMMINGS.
Claims use since 1867.

Ser. No. 522,354. SALEM PRODUCTS CORP., New York, N. Y. Filed May 14, 1947.

"Fascinator"

FOR SHOULDER PADS IN THE NATURE OF GARMENT FINDINGS.
Claims use since Apr. 14, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 499,306. ACME BACKING CORPORATION, New York and Brooklyn, N. Y. Filed Mar. 30, 1946.

"ACME for BACKING"

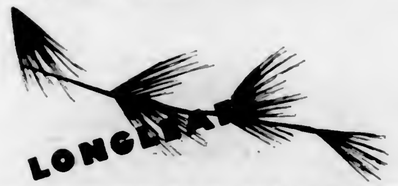
The words "For Backing" are disclaimed apart from the mark.
FOR PROCESSED COTTON DRILL FABRIC SOLD IN THE PIECE OR BOLT, AND MADE ESPECIALLY FOR USE IN THE MANUFACTURE OF LAMINATED FABRICS.
Claims use since 1930.

Ser. No. 516,697. INTERNATIONAL LATEX CORPORATION, Dover, Del. Filed Jan. 31, 1947.

PLASTIKOOL

FOR CRIB SHEETS MADE OF WATERPROOF THERMOPLASTIC FILM.
Claims use since Dec. 2, 1946.

Ser. No. 524,471. LONGLEAF MILLS, INC., Matthews, N. C. Filed June 19, 1947.



FOR PIECE GOODS MADE OF RAYON FABRICS.
Claims use since Nov. 14, 1946.

Ser. No. 525,077. GREEFF FABRICS, INC., New York, N. Y. Filed June 28, 1947.

colorfutura

FOR COTTON AND RAYON FABRICS IN THE PIECE.
Claims use since April 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 497,672. JAMES M. MATHES, doing business as Durham Peanut Products Company, Durham, N. C. Filed Mar. 5, 1946.



The lining on the drawing represents the colors red and blue.
FOR SALTED PEANUTS.
Claims use since May 12, 1945.

Ser. No. 510,140. WING NIEN SOY SAUCE MFG. CO., also doing business as Wing Nien Soy Bean Sauce Mfg. Co., San Francisco, Calif. Filed Oct. 2, 1946.



The representation of the old man is fanciful. The word "Brand" is disclaimed apart from the mark.
FOR SOY SAUCE.
Claims use since Mar. 15, 1942.

Ser. No. 511,404. MILLER BROS. PACKAGED FOODS CO., Chicago, Ill. Filed Oct. 24, 1946.

ADVENTURE

FOR NUT MEATS AND SPICES.
Claims use since Nov. 28, 1945.

Ser. No. 511,405. MILLER BROS. PACKAGED FOODS CO., Chicago, Ill. Filed Oct. 24, 1946.

ADVENTURE
FOR FINE FOODS

No claim is made to the words "For Fine Foods" apart from the mark.
FOR NUT MEATS AND SPICES.
Claims use since Nov. 28, 1945.

Ser. No. 511,713. VIVA, Lugano, Switzerland. Filed Oct. 29, 1946.

VIVAVIT

The lining on the drawing is not intended to represent any particular color.

FOR SCIENTIFIC BLEND OF COCOA, SUGAR, DEXTROSE, AND CEREALS, CONTAINING VITAMINS, MINERALS, AND LEAVEN, ADAPTED FOR USE AS A FOOD OR INGREDIENT OF FOODS, FOR INFANTS OR INVALIDS.

Claims use since July 15, 1943.

Ser. No. 514,859. VENTURA FARMS FROZEN FOODS, INC., Oxnard, Calif. Filed Dec. 26, 1946.

Portal

FOR FROZEN VEGETABLES—NAMELY, FROZEN LIMA BEANS.

Claims use since Nov. 30, 1946.

Ser. No. 514,877. AMRA OIL CO., Brooklyn, N. Y. Filed Dec. 27, 1946.

CARA DONNA



The likeness of a woman appearing in the mark is fanciful and fictitious. The drawing is lined for shading.

FOR EDIBLE OIL COMPOSED OF PEANUT AND OLIVE OIL.

Claims use since Dec. 1, 1946.

Ser. No. 522,664. JOE BRACKER, doing business as Bracker Vegetable Sales Company, Los Angeles and Santa Barbara, Calif. Filed May 19, 1947.

B.V.B.

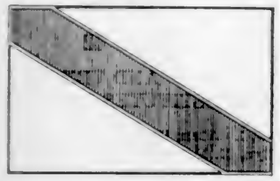
FOR FRESH VEGETABLES—NAMELY, TOMATOES.

Claims use since Sept. 16, 1946.

CLASS 47

WINES

Ser. No. 506,887. G. H. MUMM & CO. SOCIÉTÉ VINICOLE DE CHAMPAGNE SUCCESSEURS, Paris and Reims, France. Filed Aug. 5, 1946.



The drawing is lined for the color red.

FOR CHAMPAGNE WINES.

Claims use since Mar. 23, 1883.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 512,420. IRMGARD MARGHERITA WALBURGA WARREN, Northwood, England. Filed Nov. 12, 1946.

HOCKOTALE

FOR MIXED ALCOHOLIC BEVERAGE CONTAINING HOCK WINE AND ONE OR MORE POTABLE DISTILLED ALCOHOLIC LIQUORS.

Claims use since Sept. 25, 1935.

Ser. No. 525,583. FROMM AND SICHEL, INC., New York, N. Y. Filed July 2, 1947.

GOLD RUSH

The drawing is lined for shading only.

FOR WHISKEY.

Claims use since Feb. 12, 1947.

Ser. No. 525,584. FROMM AND SICHEL, INC., New York, N. Y. Filed July 2, 1947.

PENTAGON

The drawing is lined for shading only.

FOR WHISKEY.

Claims use since Feb. 12, 1947.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 497,222. ARTEX-GREEN CORPORATION, New York, N. Y. Filed Feb. 26, 1946.

"Protecto"

FOR PROTECTIVE TABLE PADS AND TABLE MATS MADE OF INSULATED MATERIAL AND COVERED WITH LEATHERETTES ON THE FRONT SIDE AND FLANNEL ON THE LOWER.

Claims use since July 1, 1922.

Ser. No. 512,658. FISHER PLASTICS CORPORATION, Newton, Mass. Filed Nov. 15, 1946.

LUMINEX

FOR PLASTIC-COATED POLYVINYL RESIN FILMS USEFUL AS A SUBSTITUTE FOR LEATHER AND FABRIC, IN THE PIECE.

Claims use since Oct. 10, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.

As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 518,394. ELIAS EPPS, doing business as Pacific Hop Exchange, Detroit, Mich. Filed Oct. 25, 1947.



No claim is made to the representation of the hops and words "Pacific Hop Exchange" apart from the mark.

FOR HOPS.

Claims use since Feb. 10, 1947.

Ser. No. 529,430. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed July 25, 1947.

Aeroglas

FOR SYNTHETIC THERMOSETTING RESINS AND PLASTICS OF THE POLYESTER TYPE.

Claims use since Jan. 23, 1947.

Ser. No. 531,257. TERTELING BROTHERS, INCORPORATED, Madison, Ky. Filed Aug. 13, 1947.

Vogue

FOR COAL.

Claims use since Mar. 28, 1946.

Ser. No. 534,461. OMNI PRODUCTS CORPORATION, New York, N. Y. Filed Sept. 13, 1947.

TELON

FOR THERMOPLASTIC AND THERMOSETTING MOLDING COMPOUNDS, CAST RESINS, OIL SOLUBLE RESINS, AND SYNTHETIC RESINS IN GENERAL, SOLD IN THE FORM OF POWDER, GRANULES, SHEETS, RODS, AND LIQUIDS, USED IN THE TEXTILE, LACQUER AND VARNISH, PAPER, AND PLYWOOD INDUSTRIES.

Claims use since January 1944.

Ser. No. 534,462. OMNI PRODUCTS CORPORATION, New York, N. Y. Filed Sept. 13, 1947.

TEXPLAS

FOR THERMOPLASTIC AND THERMOSETTING MOLDING COMPOUNDS, CAST RESINS, OIL SOLUBLE RESINS, AND SYNTHETIC RESINS IN GENERAL, SOLD IN THE FORM OF POWDER, GRANULES, SHEETS, RODS, AND LIQUIDS, USED IN THE TEXTILE, LACQUER AND VARNISH, PAPER, AND PLYWOOD INDUSTRIES.

Claims use since January 1944.

Ser. No. 534,533. INTERNATIONAL COMMERCIAL CO., INC., Chicago, Ill., now by change of name International Packers Commercial Co. Inc., a corporation of Delaware. Filed Sept. 15, 1947.

INTERCO

FOR BONES AND GALL USED IN THE MANUFACTURE OF GELATIN, GLUE, AND VARIOUS PHARMACEUTICALS.
Claims use since Aug. 19, 1946.

Ser. No. 538,505. EASTERN GAS AND FUEL ASSOCIATES, Boston, Mass. Filed Oct. 21, 1947.



The applicant disclaims the words "Coal" and "Eastern Gas and Fuel Associates" apart from the mark as shown. The drawing is lined for the colors red and black. Applicant claims ownership of registration No. 104,228.
FOR COAL.
Claims use since Mar. 7, 1947.

Ser. No. 540,996. HARRIS RESEARCH LABORATORIES, Washington, D. C. Filed Nov. 13, 1947. Certification mark.

HARRISET

FOR WOOL TOPS.
Claims use since Sept. 26, 1947.

Ser. No. 541,484. ALLIED KID COMPANY, Boston, Mass. Filed Nov. 18, 1947.



FOR MOUTON FURS AND PATENT AND SIDE LEATHERS.
Claims use since July 1923.

CLASS 2

RECEPTACLES

Ser. No. 537,072. ODORA COMPANY, INC., New York, N. Y. Filed Oct. 7, 1947.

ODORA

Applicant claims ownership of registrations Nos. 299,101, 315,565, and 326,273.
FOR PAPERBOARD OR CORRUGATED PASTEBOARD CABINETS FOR CLOTHING, PAPER GARMENT BAGS, AND CARDBOARD STORAGE CHESTS.
Claims use since February 1931.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 527,868. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746 and 270,773.
FOR HANDBAGS, PORTABLE CASES FOR TOILET ARTICLES MADE OF LEATHER OR SIMILAR MATERIAL, PLASTIC FABRIC AND LEATHER BAGS FOR COSMETICS, TOILET AND MANICURE CASES, TRAVELLING BAGS, BRIEF CASES, OVERNIGHT BAGS, UTILITY BAGS, KEY CASES, BILLFOLDS, SPECTACLE, CASES, AND POCKETBOOKS.
Claims use since Nov. 7, 1929.

Ser. No. 527,891. TALON, INC., Meadville, Pa. Filed July 5, 1947.

HOOKLESS

Applicant claims ownership of registrations Nos. 198,412 and 272,191.
FOR HANDBAGS, PORTABLE CASES FOR TOILET ARTICLES MADE OF LEATHER OR SIMILAR MATERIAL, PLASTIC FABRIC AND LEATHER BAGS FOR COSMETICS, TOILET AND MANICURE CASES, TRAVELLING BAGS, BRIEF CASES, OVERNIGHT BAGS, UTILITY BAGS, KEY CASES, BILLFOLDS, SPECTACLE CASES, AND POCKETBOOKS.
Claims use since Nov. 7, 1929.

Ser. No. 528,942. NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn. Filed July 19, 1947. Under section 2f of the act of 1946.

LOXPRING

Applicant claims ownership of registration No. 198,407.
FOR HARNESS SNAPS, AND SNAP HOOKS FOR HARNESSES.
Claims use since February 1918.

Ser. No. 539,877. HARTMANN COMPANY, Racine, Wis. Filed Nov. 1, 1947.

TRIPLETON

Applicant claims ownership of registration No. 304,375.
FOR SUITCASES, HAND LUGGAGE CASES EQUIPPED WITH GARMENT CARRYING FIXTURES, AND WARDROBE SUITCASES.
Claims use since Oct. 24, 1947.

Ser. No. 543,092. BUXTON, INCORPORATED, Springfield, Mass. Filed Dec. 3, 1947.

NOTE I FIER

FOR LEATHER POCKET WALLETS AND BILLFOLDS.
Claims use since Nov. 14, 1947.

Ser. No. 560,182. BROWN & BIGELOW, St. Paul, Minn. Filed June 25, 1948.

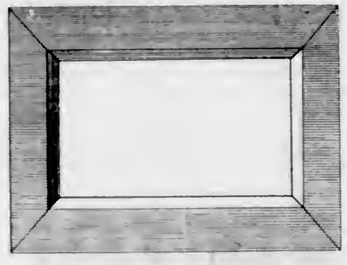
B&B

FOR BILLFOLDS.
Claims use since July 15, 1908.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 526,748. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947.



The drawing is lined to represent the color blue, which is claimed as an essential feature. The inner portion of the frame is lined for shading only. Applicant claims ownership of registrations Nos. 59,095, 426,956, and 426,957.
FOR BICARBONATE OF SODA (BAKING SODA), FOR USE AS A DETERGENT, CLEANING, AND WASHING AGENT.
Claims use since March 1930.

Ser. No. 547,772. LEE ROTHCHILD, doing business as Corona Soapcrafters, Redlands, Calif. Filed Jan. 22, 1948.

GREETING

FOR BAR SOAP IN PACKAGED FORM.
Claims use since Jan. 8, 1947.

Ser. No. 547,774. LEE ROTHCHILD, doing business as Corona Soapcrafters, Redlands, Calif. Filed Jan. 22, 1948.

SALUTATION

FOR BAR SOAP IN PACKAGED FORM.
Claims use since Jan. 8, 1947.

Ser. No. 558,349. THE CUDAHY PACKING COMPANY, Chicago, Ill. Filed June 3, 1948.

BIG BOSS

FOR LAUNDRY BAR SOAP.
Claims use since Feb. 15, 1927.

CLASS 5

ADHESIVES

Ser. No. 534,354. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947.



Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,699.
FOR STICK GLUE FOR SECURING ABRASIVE DISCS TO BACK UP DISCS AND LIQUID CEMENT FOR SECURING ABRASIVE GRANULES TO IRREGULAR BASE SURFACES FOR MANUFACTURING ABRASIVE FORMS.
Claims use since Dec. 13, 1945.

Ser. No. 540,247. CAT'S PAW-RUBBER COMPANY, INC., Baltimore, Md. Filed Nov. 6, 1947.



The drawing is lined for shading only.
FOR RUBBER CEMENT.
Claims use since Dec. 1, 1944.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 499,290. SOCIETE A RESPONSABILITE LIMITEE: PARFUMERIE DE JUSSY SAINT JAMES, VEUVE L. DUPONT & FILS, Montreuil-sous-Bois (Seine), France. Filed Dec. 5, 1947.

JUSSY SAINT-JAMES

Applicant claims ownership of French registration No. 339,916, dated May 18, 1942.
FOR PERFUME AND EAU DE COLOGNE.

Ser. No. 516,581. SCHENLEY LABORATORIES, INC., New York, N. Y. Filed Apr. 15, 1948.

DAIRYCILLIN

FOR PENICILLIN, FOR USE IN TREATMENT OF COWS AND OTHER MILK-PRODUCING ANIMALS.
Claims use since Oct. 21, 1946.

Ser. No. 516,582. SCHENLEY LABORATORIES, INC., New York, N. Y. Filed Mar. 10, 1948.

POULTRYCILLIN

FOR PENICILLIN, FOR USE IN THE TREATMENT OF POULTRY.
Claims use since Oct. 21, 1946.

Ser. No. 524,354. THE SELIG COMPANY, Atlanta, Ga. Filed Sept. 3, 1947.

FLAMEX

FOR FLAME PROOFING COMPOUND FOR ALL FABRICS.
Claims use since Sept. 6, 1946.

Ser. No. 526,798. PUBLICKER INDUSTRIES INC., Philadelphia, Pa. Filed July 5, 1947.

Paco

Applicant claims ownership of registrations Nos. 249,320 and 250,386.
FOR ETHYL ACETATE, BUTYL ACETATE, AMYL ACETATE, METHANOL, AND DENATURED ALCOHOL, INDUSTRIAL SOLVENT MIXTURES CONTAINING ESSENTIALLY DENATURED ALCOHOL, METHANOL, AND ETHYL ACETATE.
Claims use since May 1, 1928.

Ser. No. 527,216. ARTHUR E. SMITH, Los Angeles, Calif. Filed July 5, 1947.

Conducto UNITUBE

Applicant claims ownership of registration No. 261,647.
FOR LOCAL ANESTHETIZING, NERVE BLOCKING TABLETS, LOCAL ANESTHETIZING, NERVE BLOCKING SOLUTIONS, ANESTHETIC TABLETS, ANESTHETIC SOLUTIONS.
Claims use since Sept. 24, 1926.

Ser. No. 528,378. RIDD LABORATORIES, INCORPORATED, Edmonds, Wash. Filed July 11, 1947.

PET-EEZ

FOR PREPARATION CONTAINING FUNGICIDAL, GERMICIDAL, AND DEODORANT PROPERTIES FOR ANIMAL USE.
Claims use since June 23, 1947.

Ser. No. 529,287. A. M. MEINCKE & SON, INC., Chicago, Ill. Filed July 23, 1947. Under section 2f of the act of 1946.

ANGUS SUPERFINE

Applicant claims ownership of registration No. 345,582.
FOR PIGMENT FILLER FOR PAPER FILLING.
Claims use since May 15, 1931.

Ser. No. 529,863. B. T. BABBITT, INC., New York, N. Y. Filed July 29, 1947.

HORSE-SHOE

FOR LYE.
Claims use since October 1920.

Ser. No. 531,154. J. B. ROERIG AND COMPANY, Chicago, Ill. Filed Aug. 12, 1947.

PECTOL

FOR MEDICINAL PREPARATION CONTAINING MINERAL OIL, FLAVORED AQUEOUS JELLY, AND PECTIN USEFUL IN THE TREATMENT OF CONSTIPATION, SLUGGISH BOWELS AND INCOMPLETE ELIMINATION.
Claims use since Mar. 11, 1943.

Ser. No. 533,974. JOHN A. BACON, doing business as Bacon Associates, Chicago, Ill. Filed Sept. 10, 1947.

sun-sect

The word "Sun" is disclaimed apart from the mark.
FOR COMBINED SUN TAN LOTION AND INSECT REPELLANT.
Claims use since Apr. 11, 1947.

Ser. No. 538,047. SOCIETE DES USINES CHIMIQUES RHONE-POULENC, Paris, France. Filed Oct. 16, 1947.

BASANTINE

Applicant claims ownership of French registration No. 374,902.
FOR MEDICINAL PRODUCTS FOR THE TREATMENT OF THYROID DISEASES OF ANIMALS.

Ser. No. 538,048. SOCIETE DES USINES CHIMIQUES RHONE-POULENC, Paris, France. Filed Oct. 16, 1947.

PRIVENAL

Applicant claims ownership of French registration No. 327,632.
FOR MEDICAL PREPARATIONS FOR THE TREATMENT OF DISEASES OF ANIMALS.

Ser. No. 538,125. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y. Filed Oct. 17, 1947.

Bright Sail

Applicant claims ownership of registrations Nos. 386,068 and 395,937.
FOR AMMONIA, WASHING SAL SODA USED AS A WATER SOFTENER, LAUNDRY BLEACH, LIQUID BLUE, AND LAUNDRY STARCH.
Claims use on washing sal soda since Nov. 15, 1945; on laundry bleach since Feb. 16, 1946; on liquid blue and ammonia since Aug. 9, 1946; and on laundry starch since June 2, 1947.

Ser. No. 539,561. THE MORTON S. PINE CO., Cleveland, Ohio. Filed Oct. 30, 1947.

STRETCH

FOR WATER SOFTENER WITH INCIDENTAL CLEANING PROPERTIES.
Claims use since Mar. 9, 1939.

Ser. No. 539,646. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y. Filed Oct. 31, 1947.

'AEROSPORIN'

FOR ANTIBOTIC PREPARATION FOR PARENTERAL AND INTERNAL ADMINISTRATION.
Claims use since Oct. 27, 1947.

Ser. No. 539,867. GIVIEMME, S. A., Milan, Italy. Filed Nov. 1, 1947.

G.i. emme

The mark consists of the following letters—namely, GI. VI. EMME.
FOR PERFUMES, FACE POWDERS, TOILET WATERS, SACHET POWDERS, LOTIONS FOR THE HAIR, AND BRILLIANTINE.
Claims use since October 1921.

Ser. No. 540,344. WALLACE & TIERNAN PRODUCTS, INCORPORATED, Belleville, N. J. Filed Nov. 6, 1947.

LORZINEX

FOR PHARMACEUTICAL FOR PREPARATION OF ASTRINGENT, CLEANSING SOLUTIONS FOR MEDICINAL USE IN LAVAGE OF BODY CAVITIES AND IRRIGATION OF WOUNDS.
Claims use since July 30, 1947.

Ser. No. 541,748. RICHARD T. DUNN, doing business as The Smile Remedy Company, St. Louis, Mo. Filed Oct. 18, 1947.

PRID SALVE

No exclusive claim is made to the word "Salve" apart from the mark as shown. Applicant claims ownership of registration No. 205,690.
FOR SALVE FOR DRAWING AND HEALING AND FOR THE TREATMENT OF BOILS.
Claims use since June 1, 1910.

Ser. No. 541,810. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 20, 1947.

CELANESE

FOR CHEMICALS FOR INDUSTRIAL AND OTHER USES, SUCH AS PLASTICIZERS, LUBRICANT ADDITIVES, SOLVENTS AND INTERMEDIATES—NAMELY, ORGANIC PHOSPHATES, SUCH AS TRIPHENYL PHOSPHATE AND TRICRESYL PHOSPHATE; ALDEHYDES, SUCH AS FORMALDEHYDE, ACETALDEHYDE AND PROPIONALDEHYDE; ORGANIC ACIDS, SUCH AS ACETIC ACID AND PROPIONIC ACID; KETONES, SUCH AS ACETONE AND METHYL ETHYL KETONE; ALCOHOLS, SUCH AS METHYL, ETHYL, PROPYL AND BUTYL ALCOHOLS; ORGANIC OXIDES, SUCH AS TETRAHYDROFURANE AND METHYLAL; AND GLYCOLS, SUCH AS 2-METHYL-1,3-PENTANEDIOL.
Claims use since June 1944.

Ser. No. 543,268. PAUL EDWARD BENNETT, doing business as Oralaid Company, Toledo, Ohio. Filed Dec. 4, 1947.

"CIRCULADE"

FOR PASTE-LIKE MODALITY USED IN THE TREATMENT OF GUMS.
Claims use since Oct. 8, 1947.

Ser. No. 543,669. THOMPSON-HAYWARD CHEMICAL COMPANY, Kansas City, Mo. Filed Dec. 6, 1947.

FOR-FUT-D

The letter "D" is disclaimed apart from the mark.
FOR VITAMIN FOOD SUPPLEMENT FOR LIVESTOCK.
Claims use since Oct. 21, 1947.

Ser. No. 543,872. ATLAS POWDER COMPANY, Wilmington, Del. Filed Dec. 10, 1947.

HINJ

FOR EMULSIFYING, DISPERSING, SOLUBILIZING, AND WETTING AGENTS.
Claims use since Nov. 13, 1947.

Ser. No. 544,326. CHARLES OF THE RITZ DISTRIBUTORS CORP., New York, N. Y. Filed Dec. 15, 1947.

BABY PINK

The word "Pink" is disclaimed apart from the mark.
FOR LIPSTICKS, FACE POWDER, ROUGE, TOILET WATER, DUSTING POWDER.
Claims use since Dec. 10, 1947.

Ser. No. 544,476. W. R. SWEENEY, MFGR, Salisbury, Mo. Filed Dec. 16, 1947.

ANT-GO

The word "Ant" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 152,280.
FOR POISONOUS INSECTICIDE FOR THE CONTROL OF SWEET-EATING ANTS.
Claims use since Apr. 1, 1934.

Ser. No. 544,477. W. R. SWEENEY, MFGR., Salisbury, Mo. Filed Dec. 16, 1947.

HY-LO

FOR POWDER AND LIQUID SPRAY INSECTICIDE FOR THE CONTROL OF HOUSE FLIES, FLEAS, BED BUGS, ANTS, POULTRY LICE, CRICKETS, AND CABBAGE AND MELON WORMS.
Claims use since Feb. 1, 1923.

Ser. No. 544,478. W. R. SWEENEY, MFGR., Salisbury, Mo. Filed Dec. 16, 1947. Under section 2f of the act of 1946.

SWEENEY'S

Applicant claims ownership of registration No. 152,280.
FOR RAT, MOUSE, MOLE, AND GOPHER POISON; INSECTICIDE FOR THE CONTROL OF SWEET-EATING ANTS; INSECTICIDE SPRAY FOR PLANTS; INSECTICIDE FOR MOTHS; FLY AND MOSQUITO REPELLENT SPRAY FOR FARM STOCK; AND DISINFECTANT DIPS FOR FARM STOCK AND POULTRY.
Claims use since Jan. 1, 1892.

Ser. No. 545,293. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed Dec. 23, 1947. Under section 2f of the act of 1946.

NU-BORDO

Applicant claims ownership of registrations Nos. 105,561, and 318,990.
FOR INSECTICIDES AND FUNGICIDES.
Claims use since Aug. 2, 1933.

Ser. No. 546,212. FOOTE MINERAL COMPANY, Philadelphia, Pa. Filed Jan. 5, 1948.

LITHOLITE

FOR LITHIUM SALT OF A LONG CHAIN FATTY ACID HAVING LUBRICATING PROPERTIES OF ITSELF, AND ALSO USED AS AN INGREDIENT IN CONJUNCTION WITH OTHER LUBRICATING MATERIALS SUCH AS MINERALS, VEGETABLES, MAMMALIAN AND PISCINE OILS, WAXES AND SYNTHETIC CHEMICALS USED AS LUBRICANTS.
Claims use since May 11, 1942.

Ser. No. 546,373. MICHAEL FIELDING, doing business as Modern Deodorant Company, Jamaica, Long Island, N. Y. Filed Jan. 9, 1948.

MEL-O-AIR

FOR INDUSTRIAL DEODORANTS.
Claims use since July 31, 1947.

Ser. No. 546,798. BONNIE I. SMITH, Atlanta, Ga. Filed Jan. 12, 1948.

Bonniere

FOR HAND CREAM.
Claims use since Oct. 20, 1947.

Ser. No. 546,868. BELLE I. PEPPER, Denver, Colo. Filed Jan. 13, 1948.

BELLE ISLE

FOR COSMETICS—NAMELY, FOR FACE CREAM, FACE POWDER, AND ASTRINGENTS.
Claims use since Dec. 1, 1947.

Ser. No. 547,160. SOCIETE ANONYME, BIENAIME, Paris, France. Filed Jan. 15, 1948.

FLEURS DE PROVENCE

Applicant claims ownership of French registration No. 315,838 dated July 7, 1937.
FOR PERFUMES, FACE CREAMS, ROUGE, SKIN LOTION.

Ser. No. 548,681. PAN AMERICAN REFINING CORPORATION, New York, N. Y. Filed Feb. 3, 1948.

PANAFLEX

FOR PLASTICIZERS TO IMPART FLEXIBILITY OR ELASTICITY TO PLASTICS, RESINS, RUBBER ELASTOMERS, POLYMERS, PROTECTIVE COATINGS, INKS, AND OTHER SIMILAR PRODUCTS.
Claims use since Oct. 18, 1945.

Ser. No. 548,815. THE J. H. GUILD COMPANY, INC., Rupert, Vt. Filed Feb. 5, 1948.

MONTVERT
(Green Mountain)

Applicant claims ownership of registrations Nos. 181,354 and 410,673.
FOR PREPARATIONS IN POWDER AND CIGARETTE FORM FOR USE IN THE TREATMENT OF ASTHMATIC ATTACKS.
Claims use since Sept. 24, 1947.

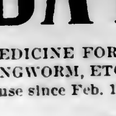
Ser. No. 548,820. LARRÉ LABORATORIES, INC., Denver, Colo. Filed Feb. 5, 1948.

ARC

Applicant claims ownership of registration No. 236,354.
FOR MEDICATED JELLY AND CREME FOR VAGINAL APPLICATION.
Claims use since Oct. 8, 1947.

Ser. No. 548,968. ABRAHAM KATZ, doing business as Alkay Products, Boston, Mass. Filed Feb. 6, 1948.

SWIFTY



FOR DOG SALVE.
Claims use since June 28, 1947.

Ser. No. 549,091. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Feb. 7, 1948.

'ERGOTOLE'

Applicant claims ownership of registration No. 76,553.
FOR LIQUID CONCENTRATION OF ERGOT.
Claims use since 1943.

Ser. No. 549,192. AMPHAC PACIFIC LABS., Everett, Wash. Filed Feb. 9, 1948.

AMPHAPHRENE

FOR MEDICINAL PREPARATION FOR USE IN THE TREATMENT OF ASTHMA, ASTHMATIC CONDITIONS, CHRONIC STATIC BRONCHITIS, AND EMPHYSEMS.
Claims use since Dec. 10, 1947.

Ser. No. 549,258. DOROTHY DAVES HOWARD, doing business as Wright Drug Company, Greenville, S. C. Filed Feb. 10, 1948.

DA-NARD

FOR MEDICINE FOR THE RELIEF OF ATHLETE'S FOOT, RINGWORM, ETC.
Claims use since Feb. 1, 1946.

Ser. No. 549,617. COAST LABORATORIES, Atlantic City, N. J. Filed Feb. 13, 1948.

POLICE & FIREMEN'S

FOR SALVE.
Claims use since Feb. 5, 1948.

Ser. No. 550,378. AUTO-CHLOR SYSTEM, INC., Memphis, Tenn. Filed Feb. 24, 1948.

Auto-Chlor

FOR CHEMICAL SOLUTIONS FOR STERILIZING EATING UTENSILS.
Claims use since Jan. 1, 1938.

Ser. No. 550,623. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa. Filed Feb. 26, 1948.

ESKAPOLYSUL

FOR SULFONAMIDE PREPARATION.
Claims use since Jan. 30, 1948.

Ser. No. 550,724. NESTLE'S MILK PRODUCTS, INC., New York, N. Y. Filed Feb. 27, 1948.

AROBON

FOR PREPARATION TO RELIEVE GASTRO-INTESTINAL DISORDERS.
Claims use since Jan. 7, 1948.

Ser. No. 550,861. MARTHA B. TRUITT, Chicago, Ill. Filed Feb. 28, 1948.

Green Leaf

FOR HAIR POMADE AND HAIR DRESSING.
Claims use since Oct. 1, 1947.

Ser. No. 550,881. WILLIAM R. WARNER & CO., INC., New York, N. Y. Filed Feb. 28, 1948.

DIATRINE

Applicant claims ownership of registration No. 386,147.
FOR ANTI-HISTAMINIC PREPARATIONS.
Claims use since Feb. 9, 1948.

Ser. No. 551,348. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Mar. 5, 1948.

Capitone

FOR HAIR TONIC.
Claims use since 1910.

Ser. No. 552,046. ENDOCRINE COMPANY, Union City, N. J. Filed Mar. 16, 1948.

FEMACRINE

FOR NATURAL AND SYNTHETIC ESTROGENIC HORMONE SUBSTANCES ALONE OR IN COMBINATION WITH VITAMINS AND ANALOGOUS SUBSTANCES, FOR EITHER ORAL AND/OR PARENTERAL ADMINISTRATION.
Claims use since Feb. 21, 1946.

Ser. No. 553,127. PACIFIC GAS CORPORATION, New York, N. Y. Filed Mar. 26, 1948.

P.G.C.

FOR BUTANE AND PROPANE GASES.
Claims use since Oct. 1, 1946.

CLASS 7

CORDAGE

Ser. No. 519,180. CHARLES C. DAVIS AND COMPANY, Chicago, Ill. Filed Nov. 7, 1947. Under section 2f of the act of 1946.

GENEVA

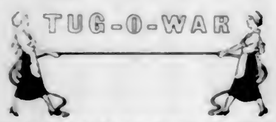
FOR TWINES, STRING, SASH CORD, AND CLOTHES LINE.
Claims use since May 20, 1927.

Ser. No. 540,982. THE COLORADO FUEL AND IRON CORPORATION, Denver, Colo. Filed Nov. 13, 1947.

WISSCOLASTIC

FOR WIRE, WIRE ROPE, AND CABLES.
Claims use since July 1947.

Ser. No. 546,940. ANCO CORPORATION, Pittsburgh, Pa. Filed Jan. 14, 1948.



The figures of the girls are purely fanciful.
Applicant claims ownership of registration No. 207,547.
FOR SASH CORD, CLOTHES-LINE AND ROPE.
Claims use since Nov. 24, 1924.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 546,904. HERCULES POWDER COMPANY, Wilmington, Del. Filed Aug. 9, 1947.

SPIRALOK

Applicant claims ownership of registration No. 396,630.
FOR SPECIALLY CONSTRUCTED CARTRIDGES USED FOR HIGH EXPLOSIVES.
Claims use since Dec. 29, 1941.

Ser. No. 547,284. EMORY HERBERT ROBERTSON, doing business as Robertson Fireworks Company, Fort Worth, Tex. Filed Jan. 16, 1948.

Auto Trix

No claim is made to the word "Auto" part from the mark.
FOR WHISTLING AUTO BOMB ATTACHED TO THE SPARK PLUGS, WHICH IGNITES AS THE CAR KEY IS TURNED ON OR THE STARTER BUTTON PRESSED.
Claims use since June 1, 1947.

Ser. No. 548,736. THE H. & D. FOLSOM ARMS CO. INC., New York, N. Y. Filed Feb. 4, 1948. Under section 2f of the act of 1946.

AUDLEY

Applicant claims ownership of registration No. 284,516.
FOR PISTOL HOLSTERS.
Claims use since Jan. 1, 1915.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 527,567. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J. Filed July 5, 1947. Under section 2f of the act of 1946.

ECON-O-TYPE

Applicant claims ownership of registration No. 310,439.
FOR CARBON DISCS USED FOR MANIFOLDING IN TYPEWRITERS.
Claims use since Oct. 28, 1932.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 527,182. THE PRESSTITE ENGINEERING COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

ADHERITE

FOR ASPHALTIC-BASE MATERIAL, SOLD AS A LIQUID COMPONENT AND DRY COMPONENT TO BE MIXED AT THE TIME OF USE, AND APPLIED TO CONCRETE AND OTHER MATERIALS, TO BOND THERETO NEW CONCRETE OR WOOD, ETC.; ALSO A HIGH-WOOL-CONTENT FELT HAVING ON ONE FACE A SYNTHETIC-RUBBER TYPE BASE ADHESIVE PROTECTED BY A NON-ADHESIVE STRIP OF CLOTH, ETC., WHICH IS REMOVED AT THE TIME OF USE FOR WEATHERSTRIPPING, ANTI-SQUEAK AND OTHER PURPOSES.
Claims use since July 15, 1930.

Ser. No. 541,939. MEXICO REFRACTORIES COMPANY, Mexico, Mo. Filed Nov. 21, 1947.

JAY BEE

FOR FIREBRICK.
Claims use since Jan. 31, 1931.

Ser. No. 545,582. CARR, ADAMS & COLLIER COMPANY, Dubuque, Iowa. Filed Dec. 27, 1947. Under section 2f of the act of 1946.

"Superior"

FOR WINDOWS AND DOOR FRAMES.
Claims use since September 1940.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 516,703. LAKESIDE ALUMINUM COMPANY, North Menomonie, Wis. Filed Aug. 28, 1947.

Steamliner

FOR PRESSURE COOKERS AND CANNERS.
Claims use since Sept. 19, 1945.

Ser. No. 527,543. ACKERMAN-JOHNSON CO., Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

Ackerman-Johnson

FOR FASTENING DEVICES—NAMELY, SCREW ANCHORS, STUD TYPE EXPANSION BOLTS, EXPANSION UNITS, TOGGLE SCREW ANCHORS, TOGGLE BOLTS, SPRING-WING TYPE TOGGLE BOLTS, CONCRETE INSERTS, CAP NUTS, METAL WASHERS FOR MACHINE SCREWS AND BOLTS, HANGER BOLTS, EYE BOLTS, SCREW HOOKS, MACHINE SCREWS, MACHINE BOLTS, PIPE STRAPS, AND CABLE CLAMPS.
Claims use since June 21, 1915.

Ser. No. 528,155. ALLEN INNOVATIONS, INC., New York, N. Y. Filed July 8, 1947.

ALPHA

FOR SLIDE FASTENERS.
Claims use since February 1937.

Ser. No. 529,727. THE UNION CHAIN AND MANUFACTURING COMPANY, Sandusky, Ohio. Filed July 26, 1947.

UNION

Applicant claims ownership of registrations Nos. 139,416, 141,256, 386,232, and 386,520.
FOR CHAIN AND CHAINS FOR GENERAL USE, AND PARTS THEREOF AND ATTACHMENTS THEREFOR.
Claims use since Mar. 14, 1914.

Ser. No. 532,799. BIN-HAT CORPORATION, Rochester, N. Y. Filed Aug. 29, 1947.

Decorod

FOR HANGERS OR BRACKETS FOR DRAPERIES, CURTAINS, AND THE LIKE.
Claims use since June 30, 1947.

Ser. No. 533,034. LEWIS BOLT & NUT COMPANY, Minneapolis, Minn. Filed Sept. 2, 1947. Under section 2f of the act of 1946.

SEALTITE

Applicant claims ownership of registration No. 295,256.
FOR BOLTS.
Claims use since Oct. 1, 1930.

Ser. No. 539,762. SCULLY SIGNAL COMPANY, Cambridge, Mass. Filed Oct. 31, 1947.

FILGARD

FOR AIR VENT TUBES WITH OR WITHOUT SIGNALING DEVICES AND WITH OR WITHOUT AN ANTI-SIPHON ATTACHMENT FOR USE IN FILLING TANKS AND ADAPTED TO BE INSTALLED IN THE FILL PIPE OF A TANK.
Claims use since Oct. 15, 1947.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 494,273. INLAND STEEL COMPANY, Chicago, Ill. Filed Sept. 5, 1947.



The trade-mark comprises the letter "I" in a diamond.
FOR FERROUS SHEETS, STRIPS, BARS, ANGLES FOR GENERAL USE, PLATES, RAILS, AND RAILWAY TIE PLATES AND SPLICE BARS.
Claims use since 1916.

Ser. No. 494,490. A. FINKL & SONS COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.



FOR STEEL USED FOR DIE BLOCKS, HOT AND COLD TRIMMER DIES, HOT AND COLD COINING DIES, HOT AND COLD FORMING ROLLS IN FORGING MACHINES, HAMMERS AND PRESSES, STRAIGHTENING ROLLS.
Claims use since 1925.

Ser. No. 529,264. INLAND STEEL COMPANY, Chicago, Ill. Filed July 23, 1947. Under section 2f of the act of 1946.

FORMCOTE

Applicant claims ownership of registration No. 385,260.
FOR STEEL.
Claims use since Sept. 6, 1939.

Ser. No. 535,196. SUPERIOR METAL POWDERS CORPORATION, Toledo, Ohio. Filed Sept. 20, 1947.

Super-Met

No claim is made to the notation "Super" apart from the mark.
FOR METAL POWDERS.
Claims use since Jan. 17, 1947.

Ser. No. 537,157. GEORGE COHEN SONS & COMPANY LIMITED, London, England. Filed Oct. 8, 1947.

SINTREX

Applicant claims ownership of British registration No. 644,540, dated Feb. 5, 1946.
FOR POWDER OF IRON OR OTHER BASE METAL FOR USE IN METAL POWDER COMPACTING, CHEMICAL REDUCTION, AND CONCRETE FLOOR HARDENING.

Ser. No. 537,719. THE NILES ROLLING MILL COMPANY, Niles, Ohio. Filed Oct. 13, 1947.

ENAMELITE

Applicant claims ownership of registration No. 150,962.
FOR SHEET STEEL AND ENAMELING IRON SHEETS.
Claims use since August 1935.

Ser. No. 539,322. INLAND STEEL COMPANY, Chicago, Ill. Filed Oct. 28, 1947. Under section 2f of the act of 1946.

PAINT-TITE

FOR GALVANIZED STEEL IN SHEET FORM.
Claims use since May 1942.

Ser. No. 541,916. CHASE BRASS & COPPER CO. INCORPORATED, Waterbury, Conn. Filed Nov. 21, 1947. Under section 2f of the act of 1946.

CHASE

Applicant claims ownership of registration No. 362,478.
FOR BRASS, COPPER, AND NONFERROUS ALLOY SHEETS, RODS, AND WIRE, AND SILVER SOLDER.
Claims use since Aug. 18, 1928.

Ser. No. 542,614. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

SPRASTEEL

Applicant claims ownership of registration No. 395,963.
FOR RODS OR WIRE CONSISTING OF OR CONTAINING FERROUS METAL FOR DEPOSITING METALS BY SPRAYING OR WELDING.
Claims use since Jan. 12, 1938.

Ser. No. 542,615. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

SPRABRONZE

Applicant claims ownership of registration No. 395,964.
FOR RODS OR WIRES CONSISTING OF OR CONTAINING COPPER FOR DEPOSITING METALS BY SPRAYING OR WELDING.
Claims use since July 20, 1938.

Ser. No. 542,617. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

SPRABABBITT

FOR WIRE OR ROD USED FOR METAL COATINGS.
Claims use since Aug. 31, 1938.

Ser. No. 542,618. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

SPRABRASS

FOR RODS OR WIRE CONSISTING OF OR CONTAINING COPPER FOR DEPOSITING METALS BY SPRAYING OR WELDING.
Claims use since Sept. 22, 1938.

Ser. No. 542,619. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

SPRAIRON

FOR RODS OR WIRE CONSISTING OF OR CONTAINING FERROUS METAL FOR DEPOSITING METALS BY SPRAYING OR WELDING.
Claims use since Dec. 29, 1938.

Ser. No. 545,152. MUELLER CO., Decatur, Ill. Filed Dec. 22, 1947. Under section 2f of the act of 1946.

MUELLER

Applicant claims ownership of registrations Nos. 64,609, 64,610, 64,611, 65,052, 66,513, 68,335, 68,337, 70,303, 85,269, 250,569 and 381,450.
FOR STEEL FORGINGS.
Claims use since Aug. 30, 1933.

Ser. No. 546,684. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y. Filed Jan. 10, 1948.

CUTTRODE

FOR CUTTING ELECTRODES COMPOSED OF METAL.
Claims use since Nov. 21, 1947.

Ser. No. 546,685. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y. Filed Jan. 10, 1948.

SURFALLOY

FOR METAL ALLOYS IN VARIOUS FORMS SUITABLE FOR WELDING, BRAZING, SOLDERING, AND HARD-SURFACING OPERATIONS.
Claims use since Dec. 18, 1947.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 528,101. S. C. JOHNSON & SON, INC., Racine, Wis. Filed July 7, 1947. Under section 2f of the act of 1946.

WAX-O-NAMEL

Applicant claims ownership of registrations Nos. 377,259 and 381,394.
FOR PAINT ENAMEL CONTAINING WAX.
Claims use since Oct. 24, 1938.

CLASS 19

VEHICLES

Ser. No. 530,308. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed Aug. 2, 1947. Under section 2f of the act of 1946.

GOODYEAR

Applicant claims ownership of registrations Nos. 143,353 and 177,942.
FOR VEHICLE WHEEL RIMS.
Claims use since 1906.

CLASS 20

LINOLEUM AND OILED CLOTH

Ser. No. 523,612. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio. Filed Jan. 5, 1948.

PHARISTYLE

FOR TILE AND FLOOR COVERINGS COMPOSED IN WHOLE OR IN PART OF RUBBER.
Claims use since May 1, 1947.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 516,460. JAMES H. CANNON, doing business as Cannon Electric Development Company, Los Angeles, Calif. Filed Sept. 27, 1947.



The words "Do It Electrically" are disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 425,506, 425,507, 425,508, and 418,856.
FOR ELECTRIC EQUIPMENT AND PARTS THEREFOR—NAMELY, ELECTRICAL CABLE CONNECTORS; WALL AND BOX MOUNTING RECEPTACLES AND ACCESSORY EQUIPMENT FOR THIS TYPE OF PRODUCTION—NAMELY, DUST-CAPS, JUNCTION BOXES, PLUGS AND SPECIAL FLANGES; SPECIAL FUNCTION SOLENOIDS; ELECTRICAL RELAYS; ELECTRICAL SWITCHES AND PUSH-BUTTONS; AND INSTITUTIONAL SIGNAL EQUIPMENT—NAMELY, CALL STATIONS, ENUNCIATORS, CORRIDOR PILOT LIGHTS, PAGING SYSTEMS, AND EXPLOSION AND VAPOR-PROOF SWITCHES.
Claims use since June 5, 1943.

Ser. No. 523,146. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed July 9, 1947.



FOR ELECTRICAL APPLIANCES—NAMELY, ELECTRIC MOTORS, INTERFERENCE ELIMINATORS, RADIO FILTERS, CONDENSERS, CIRCUIT PROTECTORS, AND THE PARTS THEREOF.
Claims use since Apr. 16, 1947.

Ser. No. 526,696. SONORA RADIO & TELEVISION CORPORATION, Chicago, Ill. Filed July 5, 1947.



The expression "Clear as a Bell" is disclaimed for the purpose of registration apart from the mark. Applicant claims ownership of registrations Nos. 125,680, 147,737, 210,112, 211,716, 427,337, 140,974, 191,619, and 199,048.
FOR RADIO RECEIVING SETS, TELEVISION RECEIVING SETS, AND ELECTRICAL PHONOGRAPHS.
Claims use since February 1922.

Ser. No. 527,153. SPENCER THERMOSTAT COMPANY, Attleboro, Mass. Filed July 5, 1947.

KLIXON

Applicant claims ownership of registrations Nos. 285,709, 204,291, 208,219, and 284,829.
FOR MAGNETIC RELAYS, AND MECHANICALLY-ACTUATED ELECTRIC SWITCHES.
Claims use since Sept. 3, 1930.

Ser. No. 527,213. W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed July 5, 1947.

FUSWITCH

Applicant claims ownership of registration No. 231,970.
FOR ELECTRIC SWITCHES AND FUSES.
Claims use since June 1916.

Ser. No. 527,356. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed July 5, 1947. Under section 2f of the act of 1946.

Burroughs

Applicant claims ownership of registrations Nos. 66,134, 333,110, 335,153, 335,607, 343,430, and 343,467.
FOR ELECTRICAL APPLIANCES—NAMELY, ELECTRIC MOTORS, INTERFERENCE ELIMINATORS, RADIO FILTERS, CONDENSERS, CIRCUIT PROTECTORS, AND THE PARTS THEREOF.
Claims use since 1906.

Ser. No. 527,671. EDWIN L. WIEGAND COMPANY, Pittsburgh, Pa. Filed July 5, 1947.



The lettering appearing on the figure in the drawing is so much of the word "Chromy" as is visible from the angle from which the figure is viewed.
FOR ELECTRIC HEATING UNITS AND ELECTRIC HEATERS—NAMELY, STRIP HEATERS, SEGMENT HEATERS, RING HEATERS, DISC HEATERS, HALF-SHEATHED HEATERS, CARTRIDGE HEATERS, CYLINDER HEATERS, SCREW-BASE HEATERS, ROD HEATERS, TUBULAR HEATERS, RADIANT HEATERS, OVEN HEATERS, BROILER HEATERS, FOOD TABLE HEATERS, AIR BLAST HEATERS, AIR DUCT HEATERS, UNIT HEATERS FOR SPACE HEATING, STEAM GENERATORS, CIRCULATION HEATERS, FLAT IRON HEATERS, PERCOLATOR HEATERS, CONVECTION HEATERS, HOT PLATES, RANGE PLATES, RANGE UNITS, STOVES, COOKING PLATES, HEATING PLATES, URN HEATERS, MELTING POTS, SOLDERING IRONS, FLUID SUPERHEATERS PRINCIPALLY FOR INDUSTRIAL PURPOSES, FLUID PREHEATERS PRINCIPALLY FOR INDUSTRIAL PURPOSES, RADIATORS, AIR HEATERS, BLOWER HEATERS, SPACE HEATERS, LIQUID HEATERS, IMMERSION HEATERS, INFRA-RED-RAY GENERATORS, FLATIRON BASES, AND BRANDING APPARATUS, AND PARTS THEREOF, AND ELECTRIC HEATING ELEMENTS, ELECTRIC RESISTANCE ELEMENTS, ELECTRIC RESISTANCE UNITS, ELECTRIC RESISTORS, ELECTRIC RHEOSTATS, ELECTRIC TRANSFORMERS, ELECTRO-MAGNETIC CONTACTORS, ELECTRIC SWITCHES, ELECTRIC THERMAL CUTOUTS, ELECTRIC CIRCUIT BREAKERS, ELECTRIC RESISTOR WIRE, ELECTRIC RESISTOR RIBBON, AND ELECTRICAL INSULATING TUBING, BEADS, BLOCKS, BUSHINGS, AND BODIES, AND PARTS THEREOF.
Claims use since January 1945.

Ser. No. 527,755. BURGESS BATTERY COMPANY, Freeport, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

LITTLE SIX

Applicant claims ownership of registration No. 340,358.
FOR DRY BATTERIES.
Claims use since Nov. 23, 1934.

Ser. No. 527,865. EDWIN L. WIEGAND COMPANY, Pittsburgh, Pa. Filed July 5, 1947.

Chromalox

FOR ELECTRIC HEATING UNITS AND ELECTRIC HEATERS—NAMELY, STRIP HEATERS, SEGMENT HEATERS, RING HEATERS, DISC HEATERS, HALF-SHEATHED HEATERS, CARTRIDGE HEATERS, CYLINDER HEATERS, SCREW-BASE HEATERS, ROD HEATERS, TUBULAR HEATERS, RADIANT HEATERS, OVEN HEATERS, BROILER HEATERS, FOOD TABLE HEATERS, AIR BLAST HEATERS, AIR DUCT HEATERS, UNIT HEATERS FOR SPACE HEATING, STEAM GENERATORS, CIRCULATION HEATERS, FLAT IRON HEATERS, PERCOLATOR HEATERS, CONVECTION HEATERS, HOT PLATES, RANGE PLATES, RANGE UNITS, STOVES, COOKING PLATES, HEATING PLATES, URN HEATERS, MELTING POTS, SOLDERING IRONS, FLUID SUPERHEATERS PRINCIPALLY FOR INDUSTRIAL PURPOSES, FLUID PREHEATERS PRINCIPALLY FOR INDUSTRIAL PURPOSES, RADIATORS, AIR HEATERS, BLOWER HEATERS, SPACE HEATERS, LIQUID HEATERS, IMMERSION HEATERS, INFRA-RED-RAY GENERATORS, FLATIRON BASES, AND BRANDING APPARATUS, AND PARTS THEREOF, AND ELECTRIC HEATING ELEMENTS, ELECTRIC RESISTANCE ELEMENTS, ELECTRIC RESISTANCE UNITS, ELECTRIC RESISTORS, ELECTRIC RHEOSTATS, ELECTRIC TRANSFORMERS, ELECTRO-MAGNETIC CONTACTORS, ELECTRIC SWITCHES, ELECTRIC THERMAL CUTOUTS, ELECTRIC CIRCUIT BREAKERS, ELECTRIC RESISTOR WIRE, ELECTRIC RESISTOR RIBBON, AND ELECTRICAL INSULATING TUBING, BEADS, BLOCKS, BUSHINGS, AND BODIES, AND PARTS THEREOF.
Claims use since October 1920.

Ser. No. 528,643. RAFI MANUFACTURING COMPANY, Toledo, Ohio. Filed July 15, 1947.

"RAFI"

FOR NEON SIGN EQUIPMENT—NAMELY, NEON TUBE SUPPORTS, ELECTRODE HOLDERS, ELECTRODE HOLDER COVERS.
Claims use since May 1, 1947.

Ser. No. 529,071. LOSEE PRODUCTS COMPANY, Hebron, Ill. Filed July 21, 1947.

Mystic-Maid

Applicant claims ownership of registration No. 380,097.
FOR DISPLACEMENT TYPE AUTOMATIC ELECTRIC HOT WATER STORAGE HEATERS.
Claims use since Nov. 22, 1939.

Ser. No. 529,510. THE F. W. WAKEFIELD BRASS COMPANY, Vermilion, Ohio. Filed July 25, 1947.

WAKEFIELD

W

No claim is made to the word "Wakefield" apart from the mark.
FOR ELECTRIC LUMINAIRES AND ELECTRIC LIGHTING FIXTURES.
Claims use since April 1946.

Ser. No. 531,408. WINPOWER MFG. COMPANY, Newton, Iowa. Filed Aug. 14, 1947. Under section 2f of the act of 1946.

POWR - PAK

FOR DIESEL ELECTRIC PLANTS CONSISTING OF DIESEL ENGINE DRIVEN GENERATORS.
Claims use since November 1938.

Ser. No. 532,993. THE ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn. Filed Sept. 2, 1947.

TIMESAVER

FOR ELECTRIC SWITCHES.
Claims use since September 1933.

Ser. No. 533,520. AMPLIFIER CORP. OF AMERICA, New York, N. Y. Filed Sept. 5, 1947.

MAGNERAMA

FOR MAGNETIC SOUND RECORDING AND REPRODUCING APPARATUS AND PARTS THEREOF.
Claims use since Aug. 1, 1947.

Ser. No. 533,521. AMPLIFIER CORP. OF AMERICA, New York, N. Y. Filed Sept. 5, 1947.

MAGNESCOPE

FOR MAGNETIC SOUND RECORDING AND PLAYBACK APPARATUS AND PARTS THEREOF.
Claims use since Aug. 1, 1947.

Ser. No. 533,778. ROBBINS & MYERS, INC., Springfield, Ohio. Filed Sept. 8, 1947.

R&M BANNER

FOR ELECTRIC FANS.
Claims use since Sept. 1, 1940.

Ser. No. 534,859. AIRADIO, INCORPORATED, Stamford, Conn. Filed Sept. 18, 1947. Under section 2f of the act of 1946.

AIRADIO

Applicant claims ownership of registration No. 427,754.
FOR RADIO RECEIVERS, TRANSMITTERS, ELECTRICAL SOUND RECORDING APPARATUS, TELEVISION RECEIVERS, ELECTRICAL REMOTE CONTROL FOR RADIO EQUIPMENT, ANTENNA RELAYS, MULTI CONTACT CONNECTORS USED IN RADIO EQUIPMENT.
Claims use since 1937.

Ser. No. 536,989. AVCO MANUFACTURING CORPORATION, Cincinnati, Ohio. Filed Oct. 7, 1947. Under section 2f of the act of 1946.

CROSLEY

Applicant claims ownership of registrations Nos. 244,510, 333,597, 384,667, and 412,353.
FOR ELECTRIC RANGES.
Claims use since December 1937.

Ser. No. 538,939. MARQUETTE MANUFACTURING CO. INC., Minneapolis, Minn. Filed Oct. 24, 1947. Under section 2f of the act of 1946.

MARQUETTE

FOR BATTERY CHARGERS OF THE FOLLOWING NAMED TYPES: HIGH RATE CHARGERS, WALL CHARGERS, TRICKLE CHARGERS, HOME CHARGERS AND PORTABLE CHARGERS.
Claims use since June 15, 1918.

Ser. No. 542,627. MINUET LAMP INDUSTRIES, INC., Chicago, Ill. Filed Nov. 28, 1947.

Minuet

FOR ELECTRIC LAMPS.
Claims use since Dec. 5, 1945.

Ser. No. 544,025. AUTO-LITE BATTERY CORPORATION, Niagara Falls, N. Y. Filed Dec. 11, 1947.

Poralite

FOR ELECTRIC STORAGE BATTERIES AND PARTS THEREOF INCLUDING SEPARATORS THEREFOR.
Claims use since Sept. 9, 1947.

Ser. No. 544,520. BURGESS BATTERY COMPANY, Freeport, Ill. Filed Oct. 10, 1947.

TWIN-SIX

Applicant claims ownership of registrations Nos. 117,995 and 360,858.
FOR DRY BATTERIES AND ELECTRIC HAND LAMPS AND LANTERNS AND CASES THEREFOR.
Claims use since Mar. 3, 1917.

Ser. No. 544,679. ADVANCE ELECTRIC AND RELAY CO., Los Angeles, Calif. Filed Dec. 18, 1947.

ADVANCE

FOR BATTERY CHARGERS OF THE SYNCHRONOUS RECTIFIER TYPE AND ELECTRIC RELAYS INCLUDING BOTH ALTERNATING CURRENT RELAYS AND DIRECT CURRENT RELAYS, OF BOTH THE SINGLE-POLE AND MULTI-POLE TYPE.
Claims use since 1923.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 528,086. ABE HENRY COHEN, Pittsburgh, Pa. Filed July 7, 1947.

RABINGO

FOR DRAWING ROOM GAME IN THE PLAYING OF WHICH THE PARTICIPANTS MANIPULATE TOKENS OR THE EQUIVALENT THEREOF ON A BOARD.
Claims use since Mar. 10, 1947.

Ser. No. 529,091. S K F INDUSTRIES, INC., Philadelphia, Pa., and elsewhere. Filed July 21, 1947.



FOR METAL BALLS USED IN GAMES, BEING ROLLING BALLS FOR USE IN PIN BALL MACHINES, PUZZLES, BOWLING GAMES, BASEBALL GAMES, HOCKEY GAMES, AND GOLF GAMES OF THE MACHINE TYPE.
Claims use since Jan. 1, 1938.

Ser. No. 529,094. S K F INDUSTRIES, INC., Philadelphia, Pa., and elsewhere. Filed July 21, 1947.

ATLAS

Applicant claims ownership of registrations Nos. 82,196 and 375,061.
FOR METAL BALLS USED IN GAMES, BEING ROLLING BALLS FOR USE IN PIN BALL MACHINES, PUZZLES, BOWLING GAMES, BASEBALL GAMES, HOCKEY GAMES, AND GOLF GAMES OF THE MACHINE TYPE.
Claims use since Jan. 1, 1938.

Ser. No. 540,210. A. G. SPALDING & BROS. INC., Chicopee, Mass. Filed Nov. 5, 1947.



The drawing is lined for the color gold. Applicant claims ownership of registration No. 379,450.
FOR TENNIS RACKETS, BADMINTON RACKETS, SQUASH RACKETS, AND TABLE TENNIS BATS.
Claims use since June 1921.

Ser. No. 540,211. A. G. SPALDING & BROS. INC., Chicopee, Mass. Filed Nov. 5, 1947.

Kro-Bat

Applicant claims ownership of registration No. 214,768.
FOR TENNIS RACKETS, SQUASH RACKETS, AND BADMINTON RACKETS.
Claims use since July 27, 1923.

Ser. No. 540,212. A. G. SPALDING & BROS. INC., Chicopee, Mass. Filed Nov. 5, 1947.

TOP-FLITE

Applicant claims ownership of registration No. 390,505.
FOR GOLF BALLS, GOLF CLUBS, BASKETBALLS, VOLLEY BALLS, SOCCER BALLS, FOOTBALLS, TENNIS RACKETS, SQUASH RACKETS, SHUTTLECOCKS, BADMINTON RACKETS, BASEBALL BATS, SOFTBALL BATS, TABLE TENNIS BATS, AND TABLE TENNIS BALLS.
Claims use since July 1926.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 454,942. GENERAL ENGINEERING & MFG. CO., St. Louis, Mo. Filed Nov. 26, 1947.

GEMCO

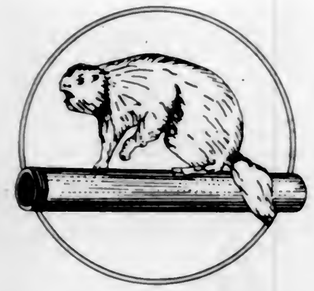
FOR FACE GRINDERS FOR GRINDING TERRA COTTA, FIRE BRICK, STONE, ETC., SHAPERS FOR CUTTING AND SHAPING METALLIC ARTICLES, CATHEADS, JOINT BREAKERS, AND SPINNERS.
Claims use since Aug. 24, 1931.

Ser. No. 480,734. BORG-WARNER CORPORATION, Chicago, Ill. Filed Aug. 1, 1947. Under section 2f of the act of 1946.

LONG

FOR MECHANICAL POWER TRANSMISSIONS, CLUTCHES, FLUID WHEELS FOR POWER TRANSMISSION THROUGH FLUID MEANS, TORQUE CONVERTERS FOR POWER TRANSMISSION THROUGH FLUID MEANS, AND MECHANICAL TRANSMISSIONS FOR VEHICLES AND MACHINERY.
Claims use since Jan. 1, 1903.

Ser. No. 492,303. BEAVER PIPE TOOLS, INC., Warren, Ohio. Filed July 30, 1947.



No claim is made herein to the representation of a pipe apart from a representation of a beaver.
FOR PIPE WORKING MACHINES, THREADING MACHINES, REAMING MACHINES, CUTTING MACHINES, DIE STOCKS, DIES, PIPE CUTTERS, AND PARTS OF SUCH MACHINES AND ARTICLES.
Claims use since Sept. 2, 1919.

Ser. No. 506,325. LINCOLN ENGINEERING COMPANY, St. Louis, Mo. Filed July 5, 1947.

Powerluber

Applicant claims ownership of registration No. 423,437.
FOR PORTABLE LUBRICANT-DISPENSING APPARATUS—NAMELY, CONTAINERS ADAPTED TO RECEIVE LUBRICANT DRUMS, AND MOTOR-DRIVEN LUBRICANT GUNS COOPERATING THEREWITH.
Claims use since July 18, 1944.

Ser. No. 527,524. LAKE STATE PRODUCTS, INC., Jackson, Mich. Filed July 5, 1947.

Dishamatic

FOR DISHWASHING MACHINES.
Claims use since Jan. 31, 1947.

Ser. No. 528,689. B. H. BUNN COMPANY, Chicago, Ill. Filed July 16, 1947. Under section 2f of the act of 1946.

Bunn
PACKAGE TYING MACHINE

The words "Package Tying Machine" are disclaimed apart from the mark.
FOR PACKAGE TYING MACHINES.
Claims use since Apr. 4, 1922.

Ser. No. 529,963. CLEVELAND FROG & CROSSING CO., Cleveland, Ohio. Filed July 30, 1947.



FOR MECHANICAL SWITCHES AND SWITCH STANDS FOR RAILROADS.
Claims use since Feb. 1, 1909.

Ser. No. 530,719. THE CINCINNATI TOOL COMPANY, Norwood, Ohio. Filed Aug. 7, 1947. Under section 2f of the act of 1946.

HARGRAVE

FOR C-CLAMPS.
Claims use since 1904.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 500,076. THE GLOBE TOOL & ENGINEERING COMPANY, Dayton, Ohio. Filed Aug. 8, 1947.

GLOBE

FOR DYNAMIC BALANCING MACHINES.
Claims use since Apr. 9, 1931.

Ser. No. 504,954. EARL J. WELLS, doing business as Wells Mfg. Co., Comptche, Calif. Filed Aug. 15, 1947.



No claim is made to the words "Dial Mike" apart from the mark as shown in the drawing.
FOR MICROMETERS.
Claims use since May 18, 1946.

Ser. No. 509,093. MERVIN W. LA RUE, Chicago, Ill. Filed Sept. 16, 1947.



FOR SLIDE AND MOTION PICTURE FILMS.
Claims use since Jan. 15, 1946.

Ser. No. 509,915. CAMERAFLEX CORP., New York, N. Y. Filed July 30, 1947.

CAMERAFLEX

The descriptive term "Camera" is disclaimed.
FOR CAMERAS AND PROJECTORS FOR MOTION PICTURE AND STILL PICTURE PHOTOGRAPHY, AND PARTS THEREOF, AND SENSITIZED PHOTOGRAPHIC PAPER AND PHOTOGRAPHIC FILM.
Claims use since Feb. 28, 1946.

Ser. No. 511,507. SCULLY SIGNAL COMPANY, Cambridge, Mass. Filed Oct. 10, 1947.

SIGNALARM

FOR LIQUID LEVEL INDICATORS FOR TANKS.
Claims use since Sept. 26, 1946.

Ser. No. 514,933. THEODORE O. BLOMGREN, St. Louis Park, Minn. Filed July 26, 1947.

TEMPROTECTOR

FOR TEMPERATURE RESPONSIVE CIRCUIT CONTROL SWITCHES.
Claims use since Dec. 10, 1945.

Ser. No. 522,060. MARINE OPTICAL MFG. CO., Roslindale, Boston, Mass. Filed Oct. 9, 1947.

Spellbound

FOR OPTICAL FRAMES.
Claims use since Apr. 18, 1947.

Ser. No. 526,753. KASCO MILLS, INC., Waverly, N. Y. Filed July 5, 1947.

KASCOLATOR

FOR DAIRY FEED CALCULATING CHART FOR USE IN CONNECTION WITH THE FURNISHING OF PROPER NUTRITIONAL ELEMENTS AND QUANTITIES THEREOF TO MILK COWS.
Claims use since Jan. 20, 1947.

Ser. No. 527,129. W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed July 5, 1947.

TELEHEIGHT

Applicant claims ownership of registration No. 408,900.
FOR HEIGHT-MEASURING INSTRUMENTS OPERATING BY TRIANGULATION.
Claims use since 1915.

Ser. No. 531,237. PARAGON-REVOLUTE CORPORATION, Rochester, N. Y. Filed Aug. 13, 1947.

PARAGON-REVOLUTE

FOR MACHINES FOR MAKING BLUE PRINTS AND OTHER PRINTS SUCH AS BROWN-LINE PRINTS, WHITE PRINTS, AND REPRODUCED TRACINGS, AND MACHINES FOR DRYING SUCH PRINTS AND PHOTOCOPYPRINTS.
Claims use since July 18, 1927.

Ser. No. 531,239. PARAGON-REVOLUTE CORPORATION, Rochester, N. Y. Filed Aug. 13, 1947.

REVOLUTE

FOR MACHINES FOR MAKING BLUE-PRINTS AND OTHER PRINTS, SUCH AS BROWN-LINE PRINTS, WHITE PRINTS, AND REPRODUCED TRACINGS.
Claims use since August 1905.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 529,543. ARROWHEAD WATER SOFTENING EQUIPMENT CO., Los Angeles, Calif. Filed July 26, 1947.

ARROWHEAD

FOR ZEOLITE SYNTHETIC MINERAL WATER SOFTENING EQUIPMENT IN THE FORM OF ONE OR TWO TANKS HAVING SUITABLE PIPES AND VALVES AND ADAPTED TO BE CONNECTED IN THE HARD WATER SUPPLY LINE, AND CONTAINING ZEOLITE AND SALT BRINE, RESPECTIVELY, FOR REMOVING CHEMICALS FROM THE WATER DURING ITS FLOW THROUGH THE TANKS, SO AS TO REDUCE THE GRAIN HARDNESS OF THE WATER TO ZERO.
Claims use since July 18, 1947.

Ser. No. 538,643. LEHIGH FOUNDRIES, INC., Easton, Pa. Filed Oct. 22, 1947.

BLU-COLD

The word "Cold" is disclaimed apart from the mark.
FOR CONDENSING UNITS USED IN REFRIGERATION.
Claims use since July 10, 1946.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 516,744. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 20, 1947.

KOYLON

Applicant claims ownership of registrations Nos. 388,646, 397,283, and 397,775.
FOR MATTRESSES AND BAR STOOL CUSHIONS OF FOAM RUBBER.
Claims use since Nov. 9, 1946, on mattresses; and on bar stool cushions since Dec. 2, 1946.

Ser. No. 518,533. THE KENMAR MANUFACTURING COMPANY, East Palestine, Ohio. Filed Feb. 5, 1948.



The word "Built" is disclaimed apart from the mark. The lining in the drawing is for shading only.
FOR UPHOLSTERED DAVENPORTS, UPHOLSTERED CHAIRS, OCCASIONAL AND RECLINING CHAIRS AND STOOLS, DININGROOM CHAIRS, SOFA BEDS AND CHAISE LONGUES.
Claims use since Dec. 9, 1946.

Ser. No. 524,246. THE KENMAR MANUFACTURING COMPANY, East Palestine, Ohio. Filed Feb. 5, 1948.

"RESTMASTER"

FOR RECLINING CHAIRS.
Claims use since Mar. 1, 1947.

Ser. No. 528,176. A. S. ALOE COMPANY, St. Louis, Mo. Filed July 9, 1947.

aloe

FOR HOSPITAL AND DOCTORS' OFFICE FURNITURE—NAMELY, DORMITORY BEDS FOR INTERNS AND NURSES, BED MATTRESSES, BOOK CASES, FILING CABINETS, PILLOWS, CHAIR CUSHIONS, OFFICE CHAIRS, STOOL CUSHIONS, READING TABLES, DESKS, READING STANDS, RECEPTION ROOM SETTEES, CHAIRS, SMOKING STANDS, COSTUMERS, TELEPHONE STANDS, WARDROBES, AND OFFICE TABLES.
Claims use since 1860.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 544,173. MARTIN STAMPING & STOVE COMPANY, Huntsville, Madison County, Ala. Filed Dec. 12, 1947.

MARCO

PRIDE

FOR HEATING AND COOKING STOVES USING WOOD, COAL, OR GAS.
Claims use since Jan. 1, 1932.

Ser. No. 544,178. MICHIGAN TANK & FURNACE CORPORATION, Dearborn, Mich. Filed Dec. 12, 1947.



FOR FURNACES AND WATER HEATERS.
Claims use since May 1, 1940.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 507,952. WINKENWEDER & LADD, INC., Chicago, Ill. Filed Nov. 5, 1947.

Certi-Flex

The word "Flex" is disclaimed apart from the mark.
FOR REENFORCED TUBING MADE OF SYNTHETIC RUBBER, WITH ATTACHMENT FITTINGS FIXED, FOR GAS, OIL, GREASE, AND VACUUM LINES.
Claims use since June 26, 1946.

Ser. No. 510,994. ARROWHEAD RUBBER COMPANY, Vernon, Calif. Filed July 5, 1947.



FOR THE FOLLOWING ITEMS, MADE WHOLLY OR IN PART FROM RUBBER OR RUBBER SUBSTITUTES OR FROM SYNTHETIC RESINS: NONMETALLIC WASHERS; NONMETALLIC FAUCET CUSHIONS; NONMETALLIC SPACERS FOR SPACING APART TWO OR MORE OBJECTS; GASKETS; GROMMETS; NONMETALLIC DIAPHRAGMS OF THE TYPE WHICH ARE MOVED OR EXPANDED BY FLUID PRESSURE; "O" RINGS, COMPRISING NONMETALLIC ANNULI FOR PACKING, FLUID SEALING, ETC.; BELTING; HOSE; WIRE WRAPPED HOSE; FLUID SEALING MEMBERS FOR PREVENTING PASSAGE OF FLUID BETWEEN TWO CHAMBERS ON EITHER SIDE OF THE SEALING MEMBERS, NONMETALLIC FITTINGS FOR JOINING TOGETHER, BLOCKING OFF, OR EXTENDING HOSE, FLEXIBLE DUCTS, ETC., NONMETALLIC DUCTS FOR CONDUCTING FLUIDS; FLEXIBLE DUCTS FOR CONDUCTING FLUIDS; OIL WELL PACKERS AND SLEEVES; AND NONMETALLIC TIRES.
Claims use since June 1939.

Ser. No. 526,667. GEORGE O. JENKINS COMPANY, Bridgewater, Mass. Filed July 5, 1947. Under section 2f of the act of 1946.

JENKINS

FOR LEATHER FIBRE DUST GUARDS AND WEDGES FOR USE IN THE JOURNAL BOXES OF RAILROAD CARS AND LOCOMOTIVES.
Claims use since July 1933 on dust guards; and since September 1939 on dust guard wedges.

Ser. No. 529,734. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed July 26, 1947.

AMBASSADOR

FOR PNEUMATIC TIRES FOR VEHICLES.
Claims use since Apr. 7, 1941.

Ser. No. 531,124. THE HETTRICK MANUFACTURING COMPANY, Toledo, Ohio. Filed Aug. 12, 1947. Under section 2f of the act of 1946.

Malabar

Applicant claims ownership of registration No. 280,349.
FOR FABRIC BELTING.
Claims use since March 1928.

Ser. No. 531,129. THE HETTRICK MANUFACTURING COMPANY, Toledo, Ohio. Filed Aug. 12, 1947. Under section 2f of the act of 1946.

HETTRICK

Applicant claims ownership of registration No. 275,036.
FOR FABRIC BELTING.
Claims use since Jan. 1, 1917.

Ser. No. 539,804. THE BOYE NEEDLE COMPANY, Chicago, Ill. Filed July 7, 1947. Under section 2f of the act of 1946.

"BOYE"

Applicant claims ownership of registration No. 234,483.
FOR SEWING-MACHINE BELTS.
Claims use since February 1909.

Ser. No. 542,318. INDUSTRIAL SEALS CORPORATION, Trenton, N. J. Filed Nov. 25, 1947.

PAXIT

FOR PLIABLE SEMI-METALLIC INDUSTRIAL PACKING FOR USE AS GASKETS AND SEALS ON PUMPS AND OTHER MACHINERY.
Claims use since Aug. 11, 1947.

CLASS 37

PAPER AND STATIONERY

Ser. No. 530,761. PEAVEY PAPER MILLS INC., Ladysmith, Wis. Filed Aug. 7, 1947.

Fortress

FOR LABELLED ROLL TOILET TISSUE.
Claims use since July 6, 1937.

Ser. No. 533,658. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio. Filed Sept. 5, 1947.

JEWEL

Applicant claims ownership of registration No. 330,984.
FOR PAPER TABLETS; ACCOUNT, DATA OR ORDER BOOKS; LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED; LOOSE PAPER FOR DRAWING OR OTHER ART PURPOSES PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED; CORRESPONDENCE AND MAILING ENVELOPES; AND INDEX CARDS OR GUIDES.
Claims use since Feb. 22, 1898, as to the word "Jewel"; and since September 1932 in the form shown.

Ser. No. 534,937. STRATFORD PEN CORPORATION, New York, N. Y. Filed Sept. 18, 1947.

REGENCY

Applicant claims ownership of registration No. 416,140.
FOR FOUNTAIN PENS AND PENCILS AND FOR PEN AND PENCIL SETS.
Claims use since Mar. 13, 1945.

Ser. No. 535,067. THE MUNISING PAPER COMPANY, Chicago, Ill. Filed Sept. 19, 1947.

Energy

FOR BOND, LEDGER, MIMEOGRAPH, AND DUPLICATOR PAPERS.
Claims use since December 1922 on bond papers; since 1927 on ledger paper; since 1934 on mimeograph paper; and since October 1937 on duplicator paper.

Ser. No. 536,406. LANE PAPER CO., INC., Jersey City, N. J. Filed Oct. 1, 1947.

LANEJAC

FOR JACQUARD PAPER BOARD.
Claims use since 1931.

Ser. No. 536,522. HORDER'S, INCORPORATED, Chicago, Ill. Filed Oct. 2, 1947.

Telcolor

FOR TYPEWRITER PAPER.
Claims use since Jan. 7, 1932.

Ser. No. 536,523. HORDER'S, INCORPORATED, Chicago, Ill. Filed Oct. 2, 1947.

MULTEX

FOR TYPEWRITER PAPERS.
Claims use since June 15, 1940.

Ser. No. 536,526. HORDER'S, INCORPORATED, Chicago, Ill. Filed Oct. 2, 1947. Under section 2f of the act of 1946.

HORDER'S LAW BOND

No claim is made to the words "Law Bond" except in the association shown.
FOR TYPEWRITER PAPER.
Claims use since Oct. 5, 1925.

Ser. No. 536,527. HORDER'S, INCORPORATED, Chicago, Ill. Filed Oct. 2, 1947. Under section 2f of the act of 1946.

CORTEZ

FOR TYPEWRITER PAPERS AND INDEX CARDS.
Claims use since May 12, 1933.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 531,609. JOSTEN MANUFACTURING COMPANY, Owatonna, Minn. Filed Aug. 16, 1947.

TREASURE-CRAFT

FOR PRINTED, EMBOSSED, AND ENGRAVED ANNOUNCEMENTS AND CALLING CARDS.
Claims use since July 1929.

Ser. No. 545,055. U. S. INDUSTRIAL CHEMICALS, INC., New York, N. Y. Filed Dec. 20, 1947. Under section 2f of the act of 1946.

U.S.Items

Applicant claims ownership of registration No. 400,566.
FOR PERIODICAL PUBLICATION.
Claims use since Sept. 8, 1941.

CLASS 39

CLOTHING

Ser. No. 521,125. FRANK BROS.-NEPTUNE MFG. CO., Louisville, Ky. Filed Feb. 17, 1948.

Brian-Knit

The word "Knit" is disclaimed apart from the mark as shown.
FOR MEN'S TOPCOATS AND OVERCOATS.
Claims use since October 1942.

Ser. No. 527,340. JOHN RISSMAN & SON, Chicago, Ill. Filed July 5, 1947.

WINDBREAKER

Applicant claims ownership of registration No. 124,537.
FOR JACKETS, COATS, BLOUSES, AND SHIRTS FOR MEN, WOMEN, BOYS, AND GIRLS, MADE OF ANY KIND OF MATERIAL EXCEPTING LEATHER.
Claims use since Jan. 15, 1918.

Ser. No. 527,983. YOUNG'S SPEEDY SHOES, INC., Los Angeles, Calif. Filed July 5, 1947.

SPEEDY SHOES

No claim is made to the words "Shoes" apart from the mark.
FOR MEN'S, WOMEN'S, AND CHILDREN'S BOOTS, SHOES, AND SLIPPERS OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF.
Claims use since January 1917.

Ser. No. 528,776. EISENBERG AND SONS, INC., Chicago, Ill. Filed July 17, 1947. Under section 2f of the act of 1946.

Eisenberg

FOR WOMEN'S DRESSES, SUITS, COATS, SKIRTS, BLOUSES, AND SCARVES.
Claims use since May 1, 1933.

Ser. No. 529,706. RIEDELL SHOES, INC., Red Wing, Minn. Filed July 26, 1947. Under section 2f of the act of 1946.

RIEDELL

FOR SHOES.
Claims use since Sept. 10, 1939.

Ser. No. 530,104. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind. Filed July 31, 1947. Under section 2f of the act of 1946.

SANSLIP

FOR RUBBERS AND OVERSHOES.
Claims use since Dec 7, 1921.

Ser. No. 531,271. WEINBERG CORPORATION, Chicago, Ill. Filed Aug. 13, 1947. Under section 2f of the act of 1946.

THINGARB

Applicant claims ownership of registration No. 377,377.
FOR MEN'S AND YOUNG MEN'S SUITS, COATS, VESTS, TROUSERS, OVERCOATS, AND TOPCOATS.
Claims use since Nov. 1, 1938.

Ser. No. 533,477. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Aug. 2, 1947.

SEVEN FACT SUIT

The word "Suit" is disclaimed apart from the mark. Applicant claims ownership of registration No. 207,568.
FOR MEN'S OUTER SUITS.
Claims use since Mar. 1, 1941.

Ser. No. 534,618. L. B. EVANS SON CO., Wakefield, Mass. Filed Sept. 16, 1947. Under section 2f of the act of 1946.

EVANS STANDARD

No exclusive claim is made to the word "Standard" apart from the mark. Applicant claims ownership of registration No. 149,766.
FOR WOMEN'S, MEN'S AND BOYS' HOUSE SLIPPERS MADE OF LEATHER.
Claims use since January 1915.

Ser. No. 535,118. BATA SHOE COMPANY, INC., New York, N. Y., and Belkamp, Md. Filed Sept. 20, 1947.

Bata
PRONOUNCED
BAYTA

No claim is made to the word "Pronounced" apart from the mark.
FOR SHOES, SLIPPERS, SNEAKERS, OVERSHOES, BOOTS, RUBBERS, AND HOSIERY.
Claims use since Dec. 19, 1919.

Ser. No. 535,119. BATA SHOE COMPANY, INC., New York, N. Y., and Belkamp, Md. Filed Sept. 20, 1947.

BATA
pronounced
"BAYTA"

No claim is made to the word "Pronounced" apart from the mark.
FOR SHOES, SLIPPERS, SNEAKERS, OVERSHOES, BOOTS, RUBBERS, AND HOSIERY.
Claims use since Dec. 19, 1919.

Ser. No. 545,634. I. MARKS & SON, INC., New York, N. Y. Filed Dec. 29, 1947.

SUITMASTER

FOR LADIES' AND MISSES' SUITS AND SUIT ENSEMBLES.
Claims use since Mar. 4, 1946.

Ser. No. 545,636. MCMULLEN-LEAVENS COMPANY, INCORPORATED, Glens Falls and New York, N. Y. Filed Dec. 29, 1947.

MASTER GUILD

FOR MEN'S DRESS, NEGLIGEE, SPORT, AND OUTER SHIRTS, AND WOMEN'S WEARING APPAREL—NAMELY, BLOUSES, DRESSES, HATS, CAPS, BERETS, RIDING SHIRTS, AND HABITS.
Claims use since March 1939.

Ser. No. 546,280. BYER-ROLNICK COMPANY, Garland, Tex. Filed Jan. 6, 1948.

CONFOREZE

Applicant claims ownership of registrations Nos. 393,219 and 391,506.
FOR MEN'S HATS.
Claims use since Aug. 28, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 526,680. HOMER WELLS, Houston, Tex. Filed July 5, 1947.

Wee Cherub

FOR DIAPER PINS.
Claims use since Oct. 15, 1946.

Ser. No. 530,604. THE WARREN FEATHERBONE CO., Three Oaks, Mich. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

Warren's

Applicant claims ownership of registration No. 423,093.
FOR BUTTON LOOPS, FEATHERBONE STAYS, CORSET STAYS, MIDDY BRAID, MILITARY BRAID, RUG BINDING, SEAM BINDING, SHOULDER PADS, DRESSMAKERS' AND MILLINERS' WIRE, ANCHOR BONE, CABLEBONE, COLLARBONE, FEATHERBONE, HORSEHAIR BONE, COMBINED HORSEHAIR AND FEATHERBONE, HOOK AND EYE FEATHERBONE, QUILLBONE, SKIRTBONE, FEATHERBONE TAPE, PIPING BONE, TUNICBONE, WAISTBONE, FEATHEREDGE BRAID, FILET BRAID, LINGERIE BRAID, NOVELTY BRAID, RICK-RACK BRAID, TURTLEBACK BRAID, COLLAR SUPPORTS, COLLAR FOUNDATIONS, STOCK FOUNDATIONS, RUCHING SUPPORTS, COLLAR FRAMES, COLLAR AND RUCHING UPRIGHTS, COLLAR FLARES, HIP HOOPS, FABRIC BELTING, BONED BELTING, HAIR CURLERS, HAIR CLASPS, BIAS FACING, GARMENT LACINGS, TAPE, WEIGHTED TAPE, BIAS FOLD TAPE, BLANKET BINDING, BLOOMER ELASTIC, LINGERIE RIBBONS IN SHORT CUT LENGTHS; TEXTILE GARMENT, DRAPERY AND UPHOLSTERY TRIMMINGS: COTTON TAPES, METALLIC BRAID, NARROW ELASTIC, BIAS BINDINGS, BUST FORMS AND EXTENDERS, BUSTLES, HOOP-SKIRT FOUNDATIONS, AND DRESS SHIELDS.
Claims use since Jan. 1, 1930.

Ser. No. 537,550. T. BUETTNER & CO., INC., Chicago, Ill. Filed Oct. 11, 1947.

T.B.C.

Applicant claims ownership of registrations Nos. 170,645 and 171,482.
FOR EMBROIDERY PATTERNS, NOVELTY CROCHET AND FEATHEREDGE BRAIDS, ART FRINGES, STAMPED DESIGNS ON CLOTH, NEEDLES FOR HAND SEWING, AND CROCHET HOOKS AND KNITTING NEEDLES FOR HAND USE.
Claims use since 1899.

Ser. No. 540,354. THE WARREN FEATHERBONE CO., Three Oaks, Mich. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

Warren's

Applicant claims ownership of registration No. 423,093.
FOR BUTTON LOOPS, FEATHERBONE STAYS, CORSET STAYS, MIDDY BRAID, MILITARY BRAID, RUG BINDING, SEAM BINDING, SHOULDER PADS, DRESSMAKERS' AND MILLINERS' WIRE, ANCHOR BONE, CABLEBONE, COLLARBONE, FEATHERBONE, HORSEHAIR BONE, COMBINED HORSEHAIR AND FEATHERBONE, HOOK AND EYE FEATHERBONE, QUILLBONE, SKIRTBONE, FEATHERBONE TAPE, PIPING BONE, TUNICBONE, WAISTBONE, FEATHEREDGE BRAID, FILET BRAID, LINGERIE BRAID, NOVELTY BRAID, RICK-RACK BRAID, TURTLEBACK BRAID, COLLAR SUPPORTS, COLLAR FOUNDATIONS, STOCK FOUNDATIONS, RUCHING SUPPORTS, COLLAR FRAMES, COLLAR AND RUCHING UPRIGHTS, COLLAR FLARES, HIP HOOPS, FABRIC BELTING, BONED BELTING, HAIR CURLERS, HAIR CLASPS, BIAS FACING, GARMENT LACINGS, TAPE, WEIGHTED TAPE, BIAS FOLD TAPE, BLANKET BINDING, BLOOMER ELASTIC, LINGERIE RIBBONS IN SHORT CUT LENGTHS; TEXTILE GARMENT, DRAPERY AND UPHOLSTERY TRIMMINGS; COTTON TAPES, METALLIC BRAID, NARROW ELASTIC, BIAS BINDINGS, BUST FORMS AND EXTENDERS, BUSTLES, HOOP-SKIRT FOUNDATIONS, AND DRESS SHIELDS.
Claims use since Jan. 1, 1930.

Ser. No. 545,284. E. C. SCHERRER, INC., New York, N. Y. Filed Dec. 23, 1947.

Morrel

FOR SYNTHETIC BRAIDS USED IN THE MANUFACTURE OF HAT BODIES.
Claims use since Dec. 10, 1947.

Ser. No. 545,716. GEORGES RAOUL COLSON, Paris, France. Filed Dec. 30, 1947. Under section 2f of the act of 1946.

P'Georgs

Applicant claims ownership of registration No. 235,226, and of French registration No. 244,020, dated Jan. 25, 1927.
FOR WIGS OF ALL DESCRIPTIONS FOR MEN AND WOMEN AND TRANSFORMATIONS, FORELOCKS, ARTIFICIAL BRAIDS, TRESSES, CHIGNONS, AND OTHER HEADDRESSES MADE OF HAIR.
Claims use since Apr. 19, 1923.

Ser. No. 545,997. KENORE PRODUCTS CORPORATION, New York, N. Y. Filed Jan. 2, 1948.

KENORE

FOR COIFFURE ACCESSORIES—NAMELY, COMBS, CLASPS AND BARRETTES, ROLLERS, FOUNDATIONS, AND NON-ELECTRIC CURLERS.
Claims use since Dec. 3, 1947.

Ser. No. 547,042. SEELY SHOULDER PAD CORP., New York, N. Y. Filed Jan. 14, 1948.

Bustees

FOR BUST FORMS.
Claims use since Nov. 18, 1946.

Ser. No. 547,908. JACMORE COMPANY, New York, N. Y. Filed Jan. 24, 1948.

PLASTEEL

FOR KNITTING NEEDLES OF PLASTIC AND STEEL.
Claims use since Oct. 17, 1947.

Ser. No. 553,287. JOHN LAWRIE & SONS, Chicago, Ill. Filed Mar. 29, 1948.

TIGER

FOR SHOE LACES.
Claims use since Feb. 25, 1948.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 508,858. G. S. ROBINS & COMPANY, St. Louis, Mo. Filed July 5, 1947.

Nyl-Eon

Applicant claims ownership of registration No. 430,738.
FOR PIECE FABRIC MADE OF NYLON, FOR MAKING COVERS FOR STEAM PRESSES FOR PRESSING GARMENTS.
Claims use since Oct. 23, 1945.

Ser. No. 531,345. ROBERT MCBRATNEY & COMPANY, INCORPORATED, New York, N. Y. Filed Aug. 14, 1947. Under section 2f of the act of 1946.

FLAXGUILD

FOR LINEN PIECE GOODS.
Claims use since February 1935.

Ser. No. 536,107. LOUISVILLE TEXTILES, INCORPORATED, Louisville, Ky. Filed Sept. 29, 1947.

Catoloqne

Applicant claims ownership of registration No. 375,690.
FOR UPHOLSTERY, DRAPERY AND DECORATIVE FABRICS, IN THE PIECE, OF COTTON, LINEN, JUTE, WOOL, MOHAIR, AND SYNTHETIC FIBERS, AND COMBINATIONS THEREOF.
Claims use since May 24, 1939.

Ser. No. 537,874. THE CINCINNATI COTTON PRODUCTS COMPANY, Cincinnati, Ohio. Filed Oct. 15, 1947.



Applicant disclaims the exclusive use of the phrases "Cincinnati Cotton Products Co.," "Heavy Duty," "Shroud Cloth" apart from mark as a whole.
FOR SHROUD CLOTHS MADE OF COTTON AND SOLD BY THE PIECE OR BY THE YARD.
Claims use since Jan. 2, 1947.

Ser. No. 543,103. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

EMPYREAN

Applicant claims ownership of registration No. 409,700.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Feb. 4, 1944.

Ser. No. 543,106. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

CORDESSA

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Aug. 20, 1946.

Ser. No. 543,109. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

CARISSIMA

Applicant claims ownership of registration No. 303,951.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Sept. 21, 1932.

Ser. No. 543,111. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

BUCKSHOT

Applicant claims ownership of registration No. 354,143.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since July 15, 1937.

Ser. No. 543,115. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

TEDDY

Applicant claims ownership of registration No. 364,703.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Feb. 9, 1938.

Ser. No. 543,120. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

GABRIGAN

Applicant claims ownership of registration No. 366,059.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Sept. 13, 1938.

Ser. No. 543,130. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

TEST PILOT

Applicant claims ownership of registration No. 388,290.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Jan. 10, 1941.

Ser. No. 543,143. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

VEL BOUFFANT

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Dec. 30, 1946.

Ser. No. 550,127. CROMPTON COMPANY, West Warwick, R. I. Filed Feb. 19, 1948.

FAVOROY

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, RAYON, NYLON, PROTEIN FIBERS OR MIXTURES THEREOF.
Claims use since Apr. 28, 1939.

Ser. No. 550,135. FLIGHTEX FABRICS, INC., New York, N. Y. Filed Feb. 19, 1948.



The word "Sailcloth" is disclaimed apart from the mark shown on the drawing. Applicant claims ownership of registration No. 209,219.
FOR SAILCLOTH IN THE PIECE.
Claims use since Jan. 26, 1948.

Ser. No. 550,150. JANSHAW FABRICS INCORPORATED, New York, N. Y. Filed Feb. 19, 1948.

DRAMA

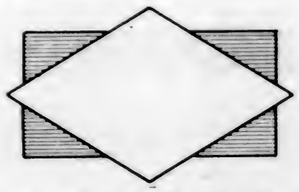
FOR TEXTILE FABRICS OF COTTON, RAYON, WOOL, AND COMBINATIONS THEREOF, SOLD BY THE BOLT.
Claims use since Dec. 23, 1947.

Ser. No. 550,189. CHAS. B. WERNER CO., INC., New York, N. Y. Filed Feb. 19, 1948.



FOR PIECE GOODS OF COTTON, RAYON, AND NYLON, AND MIXTURES THEREOF.
Claims use since Sept. 12, 1947.

Ser. No. 550,311. CONSOLIDATED TEXTILE CO., INC., New York, N. Y. Filed Feb. 21, 1948.



The drawing is lined for the color blue. Applicant claims ownership of registration No. 400,132.

FOR PIECE GOODS OF COTTON AND PIECE GOODS OF A MIXTURE OF COTTON AND RAYON.

Claims use since Oct. 6, 1937.

Ser. No. 550,514. A. D. JUILLARD & CO., INC., New York, N. Y. Filed Feb. 25, 1948.

CORDEAUX

FOR COTTON PIECE GOODS.

Claims use since Apr. 18, 1947.

Ser. No. 550,539. MUTUAL BUYING SYNDICATE, INC., New York, N. Y. Filed Feb. 25, 1948.

Weartex

FOR SHEETS AND PILLOW CASES.

Claims use since Dec. 20, 1934.

Ser. No. 550,576. BOTANY MILLS, INC., Passaic, N. J. Filed Feb. 26, 1948.

BOLANA

FOR WOOLEN FABRICS IN THE PIECE.

Claims use since Feb. 3, 1948.

Ser. No. 550,628. THE SPRINGS COTTON MILLS, Lancaster, S. C. Filed Feb. 26, 1948.

KERBRA

FOR COTTON TEXTILE FABRICS BY THE YARD.

Claims use since Jan. 19, 1948.

Ser. No. 550,629. THE SPRINGS COTTON MILLS, Lancaster, S. C. Filed Feb. 26, 1948.

SWERLA

FOR COTTON AND RAYON DRESS FABRICS BY THE YARD.

Claims use since Jan. 19, 1948.

Ser. No. 550,779. BLUE RIDGE TEXTILE CO., INC., Bangor, Pa. Filed Feb. 28, 1948.

Dounee-lon

FOR FABRICS OF NYLON SOLD BY THE SQUARE YARD.

Claims use since Jan. 16, 1948.

CLASS 43

THREAD AND YARN

Ser. No. 533,144. J. & P. COATS (R. I.) INC., Pawtucket, R. I. Filed Sept. 3, 1947.



Applicant claims ownership of registrations Nos. 60,308 and 422,581.

FOR RUBBERIZED THREAD.

Claims use since May 2, 1947.

Ser. No. 533,539. THE CLARK THREAD COMPANY, Wilmington, Del., and Clarksdale, Ga. Filed Sept. 5, 1947. Under section 2f of the act of 1946.

CLARK'S

Applicant claims ownership of registration No. 54,934.

FOR THREAD.

Claims use since 1812.

Ser. No. 537,554. T. BUETTNER & CO., INC., Chicago, Ill. Filed Oct. 11, 1947. Under section 2f of the act of 1946.

FILOTWIST

Applicant claims ownership of registration No. 201,563.

FOR THREADS, YARNS, AND COTTONS FOR EMBROIDERING AND CROCHETING.

Claims use since Jan. 1, 1910.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 519,102. BEVERAGE DISTRIBUTORS, INC., doing business as Marlboro Beverage Company, assignee of Safeway Stores Incorporated, doing business as Marlboro Beverage Company, San Francisco, Calif. Filed Dec. 18, 1947.

Scooter

FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME.

Claims use since Jan. 23, 1947.

Ser. No. 530,158. BAKER EXTRACT COMPANY, Springfield, Mass. Filed Aug. 1, 1947. Under section 2f of the act of 1946.

BAKER'S

Applicant claims ownership of registrations Nos. 66,403, 257,785, 305,244, 308,444, 309,741, 310,304, 330,888, 331,818, 332,849, and 384,142.

FOR ROOT BEER AND BIRCH BEER EXTRACTS FOR USE AS A BEVERAGE BASE FOR MALTLESS SOFT DRINKS.

Claims use since July 11 1940, on root beer; and since June 14, 1935, on root and birch beer extracts.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 484,664. BUNTE BROTHERS, Chicago, Ill. Filed Sept. 25, 1947.

Pippin

Applicant claims ownership of registration No. 218,835.

FOR MOULDED CHOCOLATE CANDIES.

Claims use since 1931.

Ser. No. 511,375. CALIFORNIA FRUIT EXCHANGE, Sacramento, Calif. Filed Sept. 12, 1947.

AZALEA



FOR FRESH DECIDUOUS FRUITS.

Claims use since July 1938.

Ser. No. 515,307. HOLLISTER CANNING COMPANY, INC., Hollister, Calif. Filed Sept. 19, 1947. Under section 2f of the act of 1946.

HOLLISTER

FOR CANNED FRUITS AND CANNED VEGETABLES.

Claims use since 1916.

Ser. No. 520,697. THE GREENCASTLE PACKING COMPANY, Greencastle, Pa. Filed Sept. 3, 1947.

ANTIETAM

FOR CANNED VEGETABLES.

Claims use since October 1935.

Ser. No. 525,486. HOLLY HILL FRUIT PRODUCTS, INCORPORATED, Davenport, Fla. Filed Sept. 11, 1947.

GOLDEN HILL

Applicant claims ownership of registration No. 267,116.

FOR FRESH AND CANNED CITRUS FRUITS, CANNED CITRUS FRUIT JUICES, AND CITRUS FRUIT JELLIES AND MARMALADES.

Claims use since Oct. 1, 1928.

Ser. No. 527,027. EAGLE ROLLER MILL CO., New Ulm, Minn. Filed July 5, 1947.

DOUBLE SEVEN

FOR WHEAT FLOUR.

Claims use since Jan. 1, 1931.

Ser. No. 528,271. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 10, 1947.

A&P

Applicant claims ownership of registrations Nos. 62,926, 63,071, 63,309, 142,436, 198,278, 216,257, 339,101, and 392,613.

FOR CANNED TOMATOES, PUMPKIN, BEETS, SPINACH, ASPARAGUS TIPS, CORN, LIMA BEANS, SUCCOTASH, PEAS, GREEN BEANS, SQUASH, CHERRIES, PEARS, APRICOTS, PEACHES, PINEAPPLE, SAUER KRAUT AND APPLE SAUCE.

Claims use since October 1941 on sauer kraut; and since 1919 on all the other goods listed.

Ser. No. 531,245. THEODORE REINS, doing business as Ted Reins, Payette, Idaho. Filed Aug. 13, 1947. Under section 2f of the act of 1946.

REINS RUBY ROMES

The words "Ruby Romes" are disclaimed apart from the mark as shown.
FOR FRESH APPLES.
Claims use since Sept. 1, 1942.

Ser. No. 531,716. RANGER SEAFOOD, INC., Buena Park, Calif. Filed Aug. 18, 1947.

Sea Frolic

No claim is made to the word "Sea" apart from the mark as shown.
FOR CANNED TUNA FISH.
Claims use since July 19, 1947.

Ser. No. 533,478. MODERN FOOD PRODUCTS COMPANY, San Francisco, Calif. Filed Aug. 5, 1947.

LUCKY DOLLAR

FOR CANNED ABALONE.
Claims use since July 7, 1947.

Ser. No. 533,625. LOUIS SHERRY COFFEE, TEAS & SPICES, INC., Long Island City, N. Y. Filed Sept. 5, 1947.

MAYAN

Applicant claims ownership of registration No. 254,721.
FOR COFFEE.
Claims use since July 15, 1947.

Ser. No. 534,016. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y. Filed Sept. 10, 1947.

FLIGHT

FOR BIRD FOOD.
Claims use since Mar. 1, 1933.

Ser. No. 535,514. FENN BROS. INC., Sioux Falls, S. Dak. Filed Sept. 24, 1947. Under section 2f of the act of 1946.

Fenn's

Applicant claims ownership of registration No. 275,900.
FOR CANDY AND ICE CREAM.
Claims use since 1906 on candy; and since 1910 on ice cream.

Ser. No. 535,593. OLYMPIA CANNING COMPANY, Olympia, Wash. Filed Sept. 24, 1947. Under section 2f of the act of 1946.

THURSTON

Applicant claims ownership of registration No. 168,535.
FOR CANNED FRUITS.
Claims use since Apr. 28, 1917.

Ser. No. 537,176. MARTIN L. HALL COMPANY, Boston, Mass. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

OLD BOSTON



Applicant claims ownership of registration No. 349,556.
FOR COFFEE AND TEA.
Claims use since Jan. 27, 1937.

Ser. No. 539,181. LEMON COVE ASSOCIATION, Lemon Cove, Calif. Filed Oct. 27, 1947.

WUTCHUMNA

FOR FRESH CITRUS FRUITS.
Claims use since 1903.

Ser. No. 539,185. LEMON COVE ASSOCIATION, doing business as Kaweah Lemon Co., Lemon Cove, Calif. Filed Oct. 27, 1947.

KAWEAH CHIEF

FOR FRESH CITRUS FRUITS.
Claims use since 1911.

Ser. No. 539,188. LEMON COVE ASSOCIATION, Lemon Cove, Calif. Filed Oct. 27, 1947.

KAWEAH MAID

FOR FRESH CITRUS FRUITS.
Claims use since 1911.

Ser. No. 539,825. UNITED RICE MILLING PRODUCTS COMPANY, INC., New Orleans, La. Filed July 14, 1947.

Blue Streak

Applicant claims ownership of registration No. 380,989.
FOR PACKAGED RICE.
Claims use since Nov. 10, 1939.

CLASS 47

WINES

Ser. No. 536,959. SANTA FE VINTAGE COMPANY, Los Angeles, Calif. Filed Oct. 6, 1947.



Applicant claims ownership of registrations Nos. 338,395, 338,639, 376,572, and 385,101.
FOR WINES.
Claims use since Nov. 13, 1939.

Ser. No. 536,960. SANTA FE VINTAGE COMPANY, Los Angeles, Calif. Filed Oct. 6, 1947.

Santa Fe

Applicant claims ownership of registrations Nos. 338,395, 338,639, and 376,572.
FOR WINES.
Claims use since July 2, 1934.

Ser. No. 537,000. CALIFORNIA GRAPE PRODUCTS CO., LTD., New York, N. Y. Filed Oct. 7, 1947.

PREMIO DI CALIFORNIA

Applicant disclaims the geographical word "California" separately from the mark shown. Applicant claims ownership of registrations Nos. 319,570 and 345,932.
FOR WINES.
Claims use since Dec. 1, 1946.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 534,850. THE WOODEN SHOE BREWING COMPANY, Minster, Ohio. Filed Sept. 17, 1947.



Applicant claims ownership of registrations Nos. 333,953 and 333,956.
FOR BEER AND ALE.
Claims use since Apr. 28, 1944.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 509,218. W. A. HALLER CORPORATION, assignee of W. A. Haller Company, Inc., Philadelphia, Pa. Filed Nov. 1, 1947.

Pennsy Club

The word "Club" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 244,777.
FOR POTABLE DISTILLED SPIRITUOUS BEVERAGES—NAMELY, BRANDY, WHISKEY, GIN, RUM, AND ALCOHOLIC CORDIALS.
Claims use since January 1936.

Ser. No. 531,022. DISTILLED LIQUORS IMPORT CO., INC., New York, N. Y. Filed Aug. 11, 1947. Under section 2f of the act of 1946.

DORO

FOR BRANDY.
Claims use since February 1941.

Ser. No. 531,023. DISTILLED LIQUORS IMPORT CO., INC., New York, N. Y. Filed Aug. 11, 1947.



No claim is made to the letters "V. V. S." except as shown.
FOR BRANDY.
Claims use since February 1941.

Ser. No. 538,027. MOUND CITY PRODUCTS CO., St. Louis, Mo. Filed Oct. 16, 1947. Under section 2f of the act of 1946.

Westridge

Applicant claims ownership of registration No. 355,482.
FOR WHISKEY.
Claims use since Apr. 5, 1934.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 543,376. ACME PLASTIC HANGER CO., INC., Brooklyn, N. Y. Filed Dec. 5, 1947.

Acme

FOR PLASTIC GARMENT HANGERS.
Claims use since Jan. 1, 1946.

CLASS 55

SERVICES

Ser. No. 527,276. BENEFICIAL INDUSTRIAL LOAN CORPORATION, Wilmington, Del. Filed July 5, 1947. Service Mark.

Home of the YES MAN

FOR SERVICES RENDERED IN THE SMALL LOAN, INSTALMENT LOAN, AND INSTALMENT CREDIT BUSINESS.
Claims use since June 21, 1947.

Ser. No. 528,523. SOUTHERN RAILWAY COMPANY, Richmond, Va., and Washington, D. C. Filed July 12, 1947. Service Mark.

THE SOUTHERN SR SERVES THE SOUTH

The slogan "The Southern Serves The South" is disclaimed apart from the mark.
FOR FREIGHT AND PASSENGER TRANSPORTATION SERVICE BY RAILROAD.
Claims use since Sept. 12, 1915.

Ser. No. 531,704. NORFOLK AND WESTERN RAILWAY COMPANY, Roanoke, Va. Filed Aug. 18, 1947. Service Mark.

N&W

FOR SERVICE OF RAILROAD TRANSPORTATION OF PASSENGERS AND FREIGHT.
Claims use since May 1932.

Ser. No. 535,259. POSTAL FINANCE COMPANY, Sioux City, Iowa. Filed Sept. 22, 1947. Service Mark.

Postal FINANCE COMPANY

The words "Finance Company" are disclaimed apart from the mark. The drawing is lined for the colors red and gold.
FOR PERSONAL LOANS AND INSTALLMENT FINANCING OF TIME PAYMENT SALES OF MERCHANDISE AND COMMODITIES.
Claims use since Mar. 22, 1940.

Ser. No. 537,984. CHAMPION TEXTILE FINISHING COMPANY, Chicago, Ill. Filed Oct. 16, 1947. Service Mark.

FLEX-DRI

No claim is made to the word "Dri" apart from the mark.
FOR WATERPROOFING, FLAMEPROOFING, MILDEW-PROOFING OF WOVEN FABRIC CLOTH.
Claims use since Oct. 1, 1947.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

440,678. WINDOW SHADE BRACKETS. LUTHER O. DRAPER SHADE COMPANY, Spiceland, Ind.
Filed June 15, 1945. Serial No. 484,561. PUBLISHED JUNE 29, 1948. Class 13.

440,679. AUTOMOBILE TRANSMISSION GEARS. MACK MANUFACTURING CORPORATION, New York, N. Y.
Filed September 24, 1945. Serial No. 488,912. PUBLISHED MAY 25, 1948. Class 23.

440,680. REPAIR KITS CONTAINING A SPACER SLEEVE, A WASHER AND GROMMETS FOR STABILIZING THE STEERING MECHANISM OF AUTOMOBILES; AND VIBRATION AND SHOCK ABSORBING ENGINE AND TRANSMISSION MOUNTS FOR AUTOMOBILES. ANCHOR RUBBER PRODUCTS, INC., Cleveland, Ohio.
Filed October 13, 1945. Serial No. 489,896. PUBLISHED JUNE 1, 1948. Class 23.

40,681. SHOES. A. I. CAPLAN, St. Johnsbury, Vt.
Filed November 16, 1945. Serial No. 491,702. PUBLISHED JUNE 15, 1948. Class 39.

440,682. MATZOS. THE B. MANISCHEWITZ COMPANY, Jersey City, N. J., and Cincinnati, Ohio.
Filed November 28, 1945. Serial No. 492,327. PUBLISHED JUNE 15, 1948. Class 46.

440,683. KITCHENWARE AND TABLEWARE—NAMELY, SPOONS, KNIVES, AND FORKS MADE OF BASE METAL. TOL. S. HIGGINBOTHAM, III, Dallas, Tex.
Filed December 22, 1945. Serial No. 493,773. PUBLISHED JUNE 15, 1948. Class 23.

440,684. ALUMINUM KITCHEN WARE—NAMELY, PRESSURE COOKERS, SAUCEPANS, FRYING PANS AND KETTLES. KENT FOUNDRY COMPANY, Bloomfield, N. J.
Filed February 6, 1946. Serial No. 496,086. PUBLISHED JUNE 29, 1948. Class 13.

440,685. RADIO RECEIVING SETS, ELECTRIC PHONOGRAPHS AND COMBINATIONS THEREOF. UNIVERSAL CAMERA CORPORATION, New York, N. Y.
Filed March 25, 1946. Serial No. 498,955. PUBLISHED MAY 13, 1947. Class 21.

440,686. PORCELAIN, CHINA AND EARTHENWARE ARTICLES—NAMELY, VASES, JARS, CUPS, SAUCERS, PLATES, VEGETABLE DISHES, TEA SERVICE SETS, BONBONNIÈRE, MILK JUGS, PITCHERS, BASINS, BOWLS, AND FLOWER POTS. HERMAN A. KÄHLER AKTS., Naestved, Denmark.
Filed April 22, 1946. Serial No. 500,665. PUBLISHED JUNE 15, 1948. Class 30.

440,687. MEN'S AND BOYS' OVERALLS. CARWOOD MANUFACTURING COMPANY, Winder, Ga.
Filed April 25, 1946. Serial No. 500,860. PUBLISHED JANUARY 6, 1948. Class 39.

440,688. TWIST DRILLS AND SOCKET WRENCHES. LYMAN T. DERR, doing business as Deco Manufacturing Company, Los Angeles, Calif.
Filed April 30, 1946. Serial No. 501,170. PUBLISHED JUNE 22, 1948. Class 23.

440,689. FINISHED CAST ROLLS OF FERROUS METAL FOR USE IN ROLLING MILLS. MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa.
Filed May 1, 1946. Serial No. 501,257. PUBLISHED JUNE 1, 1948. Class 23.

440,690. CANNED FISH. CÁNTABRO MEDITERRÁNEA, S. A., Valencia, Spain.
Filed June 6, 1946. Serial No. 503,349. PUBLISHED JUNE 15, 1948. Class 46.

440,691. HAND SPRAYERS FOR APPLICATION OF INSECTICIDES, FUNGICIDES, GERMICIDES, DISINFECTANTS, ANTISEPTICS, DEODORANTS, AND CLEANERS. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed July 20, 1946. Serial No. 505,989. PUBLISHED JUNE 22, 1948. Class 23.

440,692. IRRIGATION, WATER, LIQUID, SEWER, AND FLUID PIPES OR CONDUITS COMPOSED OF PLASTIC IMPREGNATED FIBROUS, TEXTILE, CELLULOSE AND SYNTHETIC MATERIALS, AND COMBINATIONS OF THE SAME. SOUTHERN INDUSTRIES, Old Fort, N. C.
Filed July 29, 1946. Serial No. 506,480. PUBLISHED JUNE 29, 1948. Class 13.

440,693. UPHOLSTERED CHAIRS. OSCAR REINHOLD FACTORIES INC, Chicago Heights, Ill.
Filed August 3, 1946. Serial No. 506,835. PUBLISHED JUNE 22, 1948. Class 32.

440,694. CANDIES AND BONBONS. DUTCH MILL CANDY CO., Chicago, Ill.
Filed August 9, 1946. Serial No. 507,114. PUBLISHED AUGUST 5, 1947. Class 46.

440,695. METALLIC FURNITURE—NAMELY, KITCHEN TABLES AND CHAIRS. NATIONAL MANUFACTURING CORPORATION, Plainfield, Conn., and New York, N. Y.
Filed August 12, 1946. Serial No. 507,269. PUBLISHED JUNE 22, 1948. Class 32.

440,696. UNWOVEN RAYON CLOTH PIECES TO BE USED AS NAPKINS, WASH CLOTHS, DISH TOWELS, FACE TOWELS, DUST CLOTHS, AND THE LIKE. JAMES G. FAST COMPANY, Chicago, Ill.
Filed September 14, 1946. Serial No. 509,081. PUBLISHED MAY 25, 1948. Class 42.

440,697. COMPONENT PARTS OF JIGS AND FIXTURES—VIZ, ADJUSTING HEAD SCREWS, ADJUSTING HALF NUTS, C-WASHERS, CLAMP RESTS, ETC. NOBLE & STANTON, INC., Bedford, Ohio.
Filed September 17, 1946. Serial No. 509,236. PUBLISHED JULY 6, 1948. Class 23.

440,698. EDIBLE FATS—NAMELY, REFINED SOYBEAN OILS. DISTILLATION PRODUCTS, INC., Rochester, N. Y.
Filed September 26, 1946. Serial No. 509,759. PUBLISHED JUNE 15, 1948. Class 46.

440,699. DRY CLEANING EQUIPMENT — NAMELY, SPOTTING MACHINES. WOOL-O-MATIC MANUFACTURING CO., Chicago, Ill.
Filed September 27, 1946. Serial No. 509,902. PUBLISHED JUNE 29, 1948. Class 24.

440,700. TWINE HOLDERS; CHICK SHIPPING BOXES, ETC. WURZBURG BROTHERS, Memphis, Tenn., assignor to Wurzburg Brothers, Incorporated, Memphis, Tenn., a corporation of Tennessee.
Filed October 2, 1946. Serial No. 510,144. PUBLISHED JUNE 29, 1948. Class 2.

440,701. CHILDREN'S TOILET SEATS AND CHILDREN'S TRAINING DEFLECTORS FOR USE IN CONNECTION WITH TOILET SEATS. KIDDIE SEAT CORPORATION, New York, N. Y.
Filed October 11, 1946. Serial No. 510,703. PUBLISHED JUNE 15, 1948. Class 13.

440,702. CHILDREN'S TOILET SEATS AND CHILDREN'S TRAINING DEFLECTORS FOR USE IN CONNECTION WITH TOILET SEATS. KIDDIE SEAT CORPORATION, New York, N. Y.
Filed October 11, 1946. Serial No. 510,704. PUBLISHED JUNE 15, 1948. Class 13.

440,703. COMBINED CAMERA AND PORTABLE RADIO RECEIVING SET. MINERVA CORPORATION OF AMERICA, New York, N. Y.
Filed October 16, 1946. Serial No. 510,968. PUBLISHED JUNE 15, 1948. Class 21.

440,704. MACHINE FOR SPRAYING PAINTS, COLOURS AND VARNISH, FOR USE BY ARTISTS. CONNOR PATENTS LIMITED, London, England.
Filed October 17, 1946. Serial No. 511,056. PUBLISHED JUNE 1, 1948. Class 23.

440,705. COMBINED SUPPORT AND ALIGNER FOR BOOKKEEPING SHEETS. THE REYNOLDS & REYNOLDS COMPANY, Dayton, Ohio.
Filed October 31, 1946. Serial No. 511,833. PUBLISHED JUNE 22, 1948. Class 23.

440,706. WINCHES DESIGNED TO BE POWERED BY AN INTERNAL COMBUSTION ENGINE AND ACCESSORIES, ETC. ALFRED W. EVANS, Gloucester, Va., and Englewood, N. J.
Filed November 19, 1946. Serial No. 512,830. PUBLISHED JUNE 8, 1948. Class 23.

440,707. PHONOGRAPH NEEDLES FOR INDIVIDUAL RETAIL SALE. A & B SALES CORPORATION, Hillside, N. J.
Filed November 23, 1946. Serial No. 513,092. PUBLISHED SEPTEMBER 16, 1947. Class 36.

440,708. NECKTIES. STERN, MERRITT CO. INC., New York, N. Y.
Filed November 27, 1946. Serial No. 513,346. PUBLISHED JUNE 8, 1948. Class 39.

440,709. POTTERY—NAMELY, VASES, DINNERWARE, CASSEROLES, BAKING DISHES, AND WATER PITCHERS. JAMES TOWNE COLLONY POTTERY, Williamsburg, Va.
Filed November 29, 1946. Serial No. 513,427. PUBLISHED JUNE 15, 1948. Class 30.

440,710. FROZEN FISH, SMOKED, AND FROZEN SHRIMP. THOMAS SLADE GORTON, JR., doing business as Slade Gorton Company, Chicago, Ill.
Filed December 14, 1946. Serial No. 514,273. PUBLISHED MARCH 2, 1948. Class 46.

440,711. WHEELS FOR SUPPORTING ENDLESS ABRASIVE BANDS OR BELTS IN ABRADING MACHINES. COLUMBIAN ROPE COMPANY, Auburn, N. Y.
Filed December 23, 1946. Serial No. 514,690. PUBLISHED JUNE 8, 1948. Class 23.

440,712. COFFEE URNS, BREWERS, PERCOLATORS, DRIP COFFEE URNS, AND TWIN JAR URNS. SHERBURNE D. LEVINGS, Winnetka, Ill.
Filed January 3, 1947. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 515,230. PUBLISHED JUNE 29, 1948. Class 13.

440,713. ELECTRIC SHAVERS. EASTERN SHAVER SERVICE CO., New York, N. Y.
Filed January 9, 1947. Serial No. 515,488. PUBLISHED JUNE 22, 1948. Class 23.

440,714. FABRICS OF COTTON, LINEN AND SYNTHETIC FIBERS, ETC. GORDON-LACEY CHEMICAL PRODUCTS COMPANY, INC., Maspeth, N. Y.
Filed January 9, 1947. Serial No. 515,499. PUBLISHED JUNE 8, 1948. Class 42.

440,715. DRAIN FLUSHING HOSE WITH FAUCET AND DRAIN ATTACHMENTS FOR FLUSHING DRAINS OF SINKS, BATH TUBS, LAUNDRY TUBS, ETC., AND AUTOMOBILE RADIATORS AND THE LIKE. GLENN A. NORMAN, doing business as The Norm Manufacturing Company, Des Moines, Iowa.
Filed January 23, 1947. Serial No. 516,209. PUBLISHED JUNE 29, 1948. Class 13.

440,716. SWIM SUITS, SWIM TRUNKS, SWEATERS, PLAY SUITS, BLOUSES, ATHLETIC TRUNKS AND BRASSIÈRES, MEN'S AND WOMEN'S SPORT SHIRTS AND KNITTED OUTER GARMENTS—NAMELY, COATS, JACKETS, VESTS, AND PULLOERS. CATALINA, INC., Los Angeles, Calif.
Filed January 30, 1947. Serial No. 516,602. PUBLISHED JUNE 1, 1948. Class 39.

440,717. PIECE GOODS OF WOOL OR COTTON, OR OF MIXTURES OF THESE MATERIALS. SIR JACOB BEHRENS & SONS, Bradford, England.
Filed February 1, 1947. Serial No. 516,758. PUBLISHED JUNE 8, 1948. Class 42.

440,718. WOODEN BARRELS, AND STAVES, HEADINGS, AND SHOOKS THEREFOR. LUCAS E. MOORE STAVE CO., OF GA., Mobile, Ala.
Filed February 3, 1947. Serial No. 516,860. PUBLISHED NOVEMBER 4, 1947. Class 2.

440,719. FLATTING AGENTS HAVING A GENERAL APPLICATION IN THE PAINT, VARNISH, AND LACQUER TRADE. INTERCHEMICAL CORPORATION, New York, N. Y.
Filed February 4, 1947. Serial No. 516,899. PUBLISHED MAY 25, 1948. Class 16.

440,720. CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES. FLORIDA FROZEN FRUITS, INC., Haines City, Fla.
Filed February 11, 1947. Serial No. 517,297. PUBLISHED JANUARY 20, 1948. Class 46.

440,721. ARTIFICIAL FISHING LURES AND PLUGS. ROBERT B. POND, doing business as Atom Manufacturing Company, Attleboro, Mass., assignor to Atom Mfg. Co., Attleboro, Mass., a copartnership.
Filed February 20, 1947. Serial No. 517,866. PUBLISHED NOVEMBER 18, 1947. Class 22.

440,722. PIPE HANGERS. PIPING SPECIALTIES, INC., New York, N. Y.
Filed February 25, 1947. Serial No. 518,101. PUBLISHED JUNE 15, 1948. Class 13.

440,723. BABY SUPPORTER FOR USE IN A BATHTUB. WALLACE-DAVIS MANUFACTURING COMPANY, Woodbridge, Conn.
Filed February 27, 1947. Serial No. 518,262. PUBLISHED JUNE 15, 1948. Class 32.

440,724. POTATOES AND ONIONS IN THEIR NATURAL STATE. ARTHUR P. GUMZ, North Judson, Ind.
Filed March 11, 1947. Serial No. 518,799. PUBLISHED JUNE 8, 1948. Class 46.

440,725. HYDRAULIC WAGON AND TRAILER HOISTS, HYDRAULIC WAGON JACKS, HYDRAULIC SWEEP RAKES AND STACKERS, HYDRAULIC LOADERS, HYDRAULIC PUMPS. PAUL S. MEFFERD, doing business as Mefferd Machine and Mfg. Company, Laurens, Iowa.
Filed March 24, 1947. Serial No. 519,477. PUBLISHED JUNE 22, 1948. Class 23.

440,726. CANNED FOODS—NAMELY, PORK AND BEANS, ETC. THE C. CALLAHAN COMPANY, La Fayette, Ind.
Filed March 25, 1947. Serial No. 519,511. PUBLISHED JUNE 15, 1948. Class 46.

440,727. COOKIES. JUNE FORSHAW MARSH, doing business as June Forshaw, Los Angeles, Calif.
Filed April 15, 1947. Serial No. 520,753. PUBLISHED JUNE 15, 1948. Class 46.

440,728. ORNAMENTAL SHEET GLASS PAINTED AND STAINED WITH MATERIALS OTHER THAN PRECIOUS METALS. RUTH CASE ALMY, Englewood, N. J.
Filed April 16, 1947. Serial No. 520,789. PUBLISHED JUNE 15, 1948. Class 33.

440,729. CHILDREN'S RAINCOATS. SPATZ BROS., INC., New York, N. Y.
Filed April 16, 1947. Serial No. 520,840. PUBLISHED JUNE 8, 1948. Class 39.

440,730. POWER OPERATED MACHINE USED AS A MULTI-SPEED TURNING AND/OR BORING LATHE. WESTERN MACHINE TOOL WORKS, Holland, Mich.
Filed April 16, 1947. Serial No. 520,843. PUBLISHED JUNE 22, 1948. Class 23.

440,731. POWER OPERATED MACHINE WITH RECIPROCATING-RAM FOR METAL SHAPING, ETC. WESTERN MACHINE TOOL WORKS, Holland, Mich.
Filed April 16, 1947. Serial No. 520,844. PUBLISHED JUNE 22, 1948. Class 23.

440,732. GENERAL PURPOSE STOCK AND DAIRY FEED CONSISTING OF LOW PROTEIN MAINTENANCE FEED FOR CATTLE, SWINE, SHEEP, HORSES, MULES, AND GOATS. FLORY MILLING COMPANY, INC., Bangor, Pa.
Filed May 1, 1947. Serial No. 521,658. PUBLISHED JUNE 8, 1948. Class 46.

440,733. MANICURE IMPLEMENTS—NAMELY, NAIL NIPPERS, CUTICLE NIPPERS, TWEEZERS, NAIL FILES, NAIL SCISSORS, CUTICLE SCISSORS, CUTICLE PUSHERS, NAIL CLIPS, AND ORANGE STICKS. SCHNEFEL BROS., CORPORATION, Newark, N. J.
Filed May 16, 1947. Serial No. 522,502. PUBLISHED SEPTEMBER 30, 1947. Class 44.

440,734. PRESERVED FISH. ETELBERTO ALBUERNE BRAVO, Barrio Las Huelgas, Spain.
Filed May 26, 1947. Serial No. 523,044. PUBLISHED JUNE 8, 1948. Class 46.

440,735. DRIED VEGETABLES—NAMELY, DRY EDIBLE PEAS, LENTILS, AND BEANS. ROY M. AUVIL, doing business as Roy M. Auvil Company, Belmont, Wash.
Filed June 17, 1947. Serial No. 524,286. PUBLISHED JUNE 8, 1948. Class 46.

440,736. FURNITURE EDGE COVERING FOR THE PREVENTION OF INJURY TO INFANTS AND CHILDREN. FLORENCE J. HIGBEE, Milwaukee, Wis.
Filed June 19, 1947. Serial No. 524,461. PUBLISHED MAY 18, 1948. Class 32.

440,737. MEN'S AND BOYS' SHORTS; DRESS, NEGLIGEE AND WORK SHIRTS; SPORT SHIRTS, SPORT JACKETS, AND SPORT COATS. ACECRAFT SHIRTS, INC., New York, N. Y.
Filed June 20, 1947. Serial No. 524,511. PUBLISHED MAY 25, 1948. Class 39.

440,738. MEN'S AND BOYS' SHORTS; DRESS, NEGLIGEE, SPORT AND WORK SHIRTS, JACKETS AND COATS. ACECRAFT SHIRTS, INC., New York, N. Y.
Filed June 20, 1947. Serial No. 524,512. PUBLISHED MAY 25, 1948. Class 39.

440,739. LADIES' LEATHER GLOVES. THE SUPERB GLOVE COMPANY, Johnstown, N. Y.
Filed June 27, 1947. Serial No. 525,043. PUBLISHED DECEMBER 23, 1947. Class 39.

440,740. PUMPS, SPECIFICALLY MOTOR DRIVEN AND BELT DRIVEN CENTRIFUGAL PUMPS SOLD AS A SELF CONTAINED UNIT WITH AND WITHOUT A TANK. THE RUTHMAN MACHINERY COMPANY, Cincinnati, Ohio.
Filed June 27, 1947. Serial No. 525,272. PUBLISHED JUNE 22, 1948. Class 23.

440,741. CARBON AND GRAPHITE PIPES, TUBES, FITTINGS—NAMELY, L's, T's, COUPLINGS, CROSSES, Y's, BUSHINGS, PLUGS, CAPS, COLLARS, ETC. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed July 1, 1947. Serial No. 525,371. PUBLISHED JUNE 15, 1948. Class 13.

440,742. ELECTRICAL TALKING MACHINES AND PARTS THEREOF. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed July 2, 1947. Serial No. 525,740. PUBLISHED JUNE 8, 1948. Class 21.

440,743. LUBRICATORS, AS HYDROSTATIC FOR STEAM SERVICE AND IN PARTICULAR SINGLE CONNECTION WITH SIGHT FEED FOR PORTABLE AND SMALL STATIONARY STEAM ENGINES AND STEAM PUMPS. THE LUNKENHEIMER COMPANY, Cincinnati, Ohio.
Filed July 3, 1947. Serial No. 525,892. PUBLISHED JUNE 1, 1948. Class 23.

440,744. LUBRICATORS, AS HYDROSTATIC FOR STEAM SERVICE AND IN PARTICULAR DOUBLE CONNECTION WITH SIGHT AND INDICATOR GLASSES FOR STEAM ENGINE CYLINDERS. THE LUNKENHEIMER COMPANY, Cincinnati, Ohio.
Filed July 3, 1947. Serial No. 525,893. PUBLISHED JUNE 1, 1948. Class 23.

440,745. PAPER TABLETS; LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED, AND PAPETERIES, ETC. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,098. PUBLISHED JUNE 8, 1948. Class 37.

440,746. PAPER TABLETS, AND CORRESPONDENCE AND MAILING ENVELOPES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,107. PUBLISHED JUNE 8, 1948. Class 37.

440,747. CORRESPONDENCE AND MAILING ENVELOPES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,108. PUBLISHED JUNE 8, 1948. Class 37.

440,748. PAPER TABLETS, AND CORRESPONDENCE AND MAILING ENVELOPES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,135. PUBLISHED JUNE 8, 1948. Class 37.

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These registrations are not subject to opposition.

440,749. (CLASS 34. HEATING, LIGHTING AND VENTILATING APPARATUS.) A. B. C. SHEET METAL CO., INC., Dallas, Tex. Filed Oct. 27, 1944. Serial No. 475,744.

-SURE-O-HEAT-

FOR OIL STOVES AND OIL HEATERS.
Claims use since Aug. 10, 1944.

440,750. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) VIVIAN M. HARMAN, doing business as Harman Equipment Co., Los Angeles, Calif., assignor to Harman Equipment Co., Los Angeles, Calif., a corporation of California. Filed Nov. 5, 1945. Serial No. 491,092.

FUEL-A-PLANE

FOR NON-MEASURING GASOLINE PUMPING APPARATUS WHICH IN ONE FORM ARE MOUNTED ON A TRUCK OR TRAILER AND ARE PORTABLE AND IN ANOTHER FORM ARE FIXED ON AN AIRCRAFT LANDING FIELD AND ARE STATIONARY.
Claims use since July 28, 1945.

440,751. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THERMOGEN CORPORATION, Cleveland, Ohio. Filed Jan. 18, 1946. Serial No. 494,983.

Thermogen

FOR FLUID FUEL FOR CUTTING AND WELDING METALS WHICH CONSISTS OF A COMBINATION OF LIQUEFIED PETROLEUM AND ETHYL ETHER.
Claims use since May 1941.

440,752. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CHARLES L. GODFREY, Jackson Heights, Long Island, N. Y. Filed Nov. 15, 1946. Serial No. 512,665.

C. L. GODFREY

The name appearing on the mark is C. L. Godfrey. The drawing is lined for the color gold.
FOR TENNIS RACKETS.
Claims use since 1921.

440,753. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) THE KENDALL COMPANY, Walpole, Mass. Filed Feb. 26, 1947. Serial No. 518,155.

Sabel

FOR WINDOW CURTAINS.
Claims use since Sept. 21, 1945.

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502,225. SHOE SOLES, HALF SOLES, HEELS, AND HEEL LIFTS. AUBURN RUBBER CORPORATION, Auburn, Ind.
Filed September 17, 1947. Serial No. 485,984. PUBLISHED APRIL 27, 1948. Class 39.

502,226. NAILS AND STAPLES. DICKSON WEATHERPROOF NAIL CO., Evanston, Ill.
Filed July 30, 1947. Serial No. 486,405. PUBLISHED JUNE 15, 1948. Class 13.

502,227. SCREW DRIVERS, SOCKET AND OTHER OPEN ENDED WRENCHES AND PLIERS. PARK METALWARE COMPANY, INC., Orchard Park, N. Y.
Filed July 15, 1947. Serial No. 495,816. PUBLISHED JUNE 1, 1948. Class 23.

502,228. ELECTRIC MOTORS. ROBBINS & MYERS, INC., Springfield, Ohio.
Filed August 2, 1947. Serial No. 495,909. PUBLISHED JUNE 1, 1948. Class 21.

502,229. TOOL KITS CONSISTING OF CONTAINERS HAVING TOOL SUPPORTING RACKS AND SETS OF HAND TOOLS—NAMELY, SCREW DRIVERS, SOCKET AND OTHER WRENCHES AND SPANNERS—SUPPORTED UPON SAID RACKS. PARK METALWARE COMPANY, INC., Orchard Park, N. Y.
Filed July 15, 1947. Serial No. 496,460. PUBLISHED JUNE 22, 1948. Class 23.

502,230. RUBBER AND SYNTHETIC RUBBER IN THE FORM OF SLABS AND SHEETS. DANBURY RUBBER COMPANY, INC., Danbury, Conn.
Filed August 18, 1947. Serial No. 501,239. PUBLISHED JUNE 1, 1948. Class 50.

502,231. METAL AND PLASTIC BINDINGS, BINDER BARS, CAPS AND EDGINGS FOR FLOOR COVERINGS. KINKEAD INDUSTRIES INCORPORATED, Chicago, Ill.
Filed July 5, 1947. Serial No. 506,245. PUBLISHED JUNE 29, 1948. Class 13.

502,232. COFFEE, TEA. DUNCAN COFFEE COMPANY, Houston, Tex.
Filed August 7, 1947. Serial No. 507,520. PUBLISHED JUNE 8, 1948. Class 46.

502,233. TABLETS COMPRISING PHENOBARBITAL, THIAMINE HYDROCHLORIDE, AND TRIBASIC CALCIUM PHOSPHATE. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y.
Filed August 8, 1947. Serial No. 509,057. PUBLISHED JUNE 15, 1948. Class 6.

502,234. INDIRECT WATER HEATERS OF THE HEAT EXCHANGER TYPE. BELL & GOSSETT COMPANY, Morton Grove, Ill.
Filed August 15, 1947. Serial No. 509,134. PUBLISHED JUNE 8, 1948. Class 34.

502,235. PILE FABRICS IN THE PIECE. E. F. TIMME & SON, New York, N. Y.
Filed August 2, 1947. Serial No. 509,312. PUBLISHED JUNE 8, 1948. Class 42.

502,236. HOSIERY. BRYAN FULL FASHIONED MILLS, Chattanooga, Tenn.
Filed July 5, 1947. Serial No. 510,876. PUBLISHED JUNE 1, 1948. Class 39.

502,237. CHEMICAL COMPOSITIONS CONSISTING OF COMPLEX MIXTURES OF DYESTUFFS AND SALTS USED AS LUBRICATING OIL ADDITIVES. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif.
Filed August 5, 1947. Serial No. 511,119. PUBLISHED JUNE 1, 1948. Class 6.

502,238. COTTON PIECE GOODS, GINGHAM PIECE GOODS, WASH CLOTHS AND TOWELING. CONE EXPORT AND COMMISSION CO., INC., New York, N. Y.
Filed July 26, 1947. Serial No. 511,074. PUBLISHED JUNE 8, 1948. Class 42.

502,239. CIGARS AND SMOKING AND CHEWING TOBACCO. JOHN HUDSON MOORE, INC., New York, N. Y.
Filed August 4, 1947. Serial No. 512,077. PUBLISHED JUNE 29, 1948. Class 17.

502,240. CAKE FLOUR. SANDS, TAYLOR & WOOD COMPANY, Somerville, Mass.
Filed July 5, 1947. Serial No. 512,206. PUBLISHED JUNE 8, 1948. Class 46.

502,241. LIQUID FUEL FOR INTERNAL COMBUSTION ENGINES. JAMES V. CHRISTIE, doing business as The Hobbygas Company, San Francisco, Calif.
Filed August 25, 1947. Serial No. 512,766. PUBLISHED MAY 25, 1948. Class 15.

502,242. LUBRICATING OILS. THE ATLANTIC REFINING COMPANY, Philadelphia, Pa.
Filed September 29, 1947. Serial No. 512,816. PUBLISHED MAY 11, 1948. Class 15.

502,243. PAPER NAPKINS. COMFORT PAPER CORPORATION, San Francisco, Calif.
Filed July 21, 1947. Serial No. 513,158. PUBLISHED JUNE 22, 1948. Class 37.

502,244. RIBBON, SOLD BY THE PIECE. CLASSE RIBBON WORKS, INC., Anniston, Ala.
Filed August 14, 1497. Serial No. 514,800. PUBLISHED JUNE 8, 1948. Class 42.

502,245. MEN'S AND BOYS' WEAR—NAMELY, SUITS; OVERCOATS; TOP COATS; DRESS PANTS, ETC. CHAS. WEINER & SONS, INC., Chicago, Ill.
Filed August 22, 1947. Serial No. 516,255. PUBLISHED JUNE 8, 1948. Class 39.

502,246. FRESH FROZEN CHOPPED HORSE MEAT. VICTORY PACKING CO., Los Angeles and Modesto, Calif.
Filed September 2, 1947. Serial No. 516,925. PUBLISHED JUNE 15, 1948. Class 46.

502,247. SPECIALLY PREPARED FOOD PRODUCT IN LIQUID FORM PROVIDING VITAMIN D CONTAINING FATS ADMINISTERED ORALLY AS A FOOD, OR MIXED WITH OTHER FOODS. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 5, 1947. Serial No. 516,935. PUBLISHED JUNE 15, 1948. Class 46.

502,248. WOOLEN PIECE GOODS. AMERICAN WOOLEN COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 517,176. PUBLISHED MAY 25, 1948. Class 42.

502,249. HIGH PRESSURE ATOMIZING GUN TYPE OIL BURNERS. GENERAL MACHINE COMPANY, INC., Emmaus, Pa.
Filed July 24, 1947. Serial No. 517,410. PUBLISHED MAY 18, 1948. Class 34.

502,250. ELECTRICAL SOUND RECORDING WIRE. NATIONAL-STANDARD COMPANY, Niles, Mich.
Filed August 19, 1947. Serial No. 518,312. PUBLISHED JUNE 15, 1948. Class 21.

502,251. OIL, COAL, AND WOOD BURNING HEATING STOVES. KNOX STOVE WORKS, Knoxville, Tenn.
Filed September 10, 1947. Serial No. 518,535. PUBLISHED JUNE 8, 1948. Class 34.

502,252. COAL, WOOD, OIL, AND GAS, AND COMBINATIONS THEREOF, RANGES AND COOKING STOVES. KNOX STOVE WORKS, Knoxville, Tenn.
Filed September 10, 1947. Serial No. 518,536. PUBLISHED JUNE 8, 1948. Class 34.

502,253. PIECE GOODS OF WOOL, SILK, COTTON, LINEN, CASEIN, SOYBEAN, SYNTHETIC FIBERS, AND COMBINATIONS THEREOF. CHARMETTE FABRICS CO. INC., New York, N. Y.
Filed August 28, 1947. Serial No. 519,732. PUBLISHED MAY 25, 1948. Class 42.

502,254. FOOD PREPARATION IN POWDER FORM COMPOSED OF CARBOHYDRATE, ETC. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 5, 1947. Serial No. 520,639. PUBLISHED JUNE 15, 1948. Class 46.

502,255. CLOTHES HAMPER. THE JACOBS BROS. CO., INC., Brooklyn, N. Y.
Filed September 4, 1947. Serial No. 520,783. PUBLISHED JUNE 29, 1948. Class 2.

502,256. TUBING, CASINGS, AND BAGS MADE OF PLASTICS AND USED AS CONTAINERS. THE VISKING CORPORATION, Chicago, Ill., and Richmond, Va.
Filed July 5, 1947. Serial No. 521,546. PUBLISHED JUNE 15, 1948. Class 2.

502,257. FELT IN THE PIECE. AMERICAN FELT COMPANY, Glenville, Conn.
Filed November 28, 1947. Serial No. 522,878. PUBLISHED JUNE 15, 1948. Class 50.

502,258. CHEMICAL ADJUVANTS FOR PETROLEUM PRODUCTS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed August 11, 1947. Serial No. 523,974. PUBLISHED JUNE 15, 1948. Class 6.

502,259. STERLING SILVER FLATWARE AND HOLLOWWARE. THE WATSON COMPANY, Attleboro, Mass.
Filed October 30, 1947. Serial No. 524,923. PUBLISHED JUNE 1, 1948. Class 28.

502,260. RADIO RECEIVING SETS AND RADIO PHONOGRAPHS. HOWARD RADIO CO., Chicago, Ill.
Filed July 5, 1947. Serial No. 526,508. PUBLISHED JUNE 22, 1948. Class 21.

502,261. SAL SODA, WASHING SODA, BAKING SODA, AND BICARBONATE OF SODA. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,744. PUBLISHED JUNE 8, 1948. Class 6.

502,262. SAL SODA, WASHING SODA, AND BICARBONATE OF SODA (BAKING SODA). CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,751. PUBLISHED JUNE 8, 1948. Class 6.

502,263. BAKING SODA (BICARBONATE OF SODA), AND BAKING POWDER, EACH FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,785. PUBLISHED JUNE 8, 1948. Class 46.

502,264. SAL SODA, BAKING SODA, AND BICARBONATE OF SODA. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,789. PUBLISHED JUNE 8, 1948. Class 6.

502,265. BAKING SODA (BICARBONATE OF SODA), AND BAKING POWDER, EACH FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,812. PUBLISHED JUNE 8, 1948. Class 46.

502,266. COATED BOOK PAPER AND COATED SULPHITE PAPER. CONSOLIDATED WATER POWER & PAPER COMPANY, Wisconsin Rapids, Wis.
Filed July 5, 1947. Serial No. 527,150. PUBLISHED JUNE 22, 1948. Class 37.

502,267. GAS-FIRED WATER HEATING TANKS, VATS, AND DEEP FAT FRYERS. PICKWICK COMPANY, Cedar Rapids, Iowa.
Filed July 5, 1947. Serial No. 527,165. PUBLISHED JUNE 8, 1948. Class 34.

502,268. LUBRICATING OILS, RUST PREVENTATIVE AND PRESERVATIVE OILS FOR MACHINERY. THE PURE OIL COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,280. PUBLISHED JUNE 22, 1948. Class 15.

502,269. LUBRICATING OILS, CUTTING COMPOUND OF THE NATURE OF AN OIL GREASE, DRAWING COMPOUND OF THE NATURE OF AN OIL, LUBRICATING GREASE AND CRUDE PETROLATUM. THE PURE OIL COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,283. PUBLISHED JUNE 22, 1948. Class 15.

502,270. ELECTRIC POWER SHOVELS AND MUCKING MACHINES. GOODMAN MANUFACTURING COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,347. PUBLISHED JUNE 22, 1948. Class 23.

502,271. KITCHEN FURNITURE—NAMELY, TABLES, CHAIRS. SERVING TABLES, CABINETS; JUVENILE FURNITURE—NAMELY, DESKS, TABLES, CHAIRS, ETC. UNITED FURNITURE STORES, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,400. PUBLISHED MAY 25, 1948. Class 32.

502,272. MACHINE TOOLS CONSISTING OF METAL-BORING MILLS, METAL-TURNING LATHES, METAL-PLANING MACHINES, METAL-DRILLING MACHINES, METAL-SLOTTING MACHINES, METAL-MILLING MACHINES, AND PARTS THEREOF. CONSOLIDATED MACHINE TOOL CORPORATION, Rochester, N. Y.
Filed July 5, 1947. Serial No. 527,450. PUBLISHED JUNE 1, 1948. Class 23.

502,273. METAL-WORKING MACHINERY—NAMELY, DRILL PRESSES, HEAVY-DUTY DRILLS, GANG DRILLS, BORING AND TURNING MILLS, ROD-BORING MACHINES, ETC. CONSOLIDATED MACHINE TOOL CORPORATION, Rochester, N. Y.
Filed July 5, 1947. Serial No. 527,451. PUBLISHED JUNE 1, 1948. Class 23.

502,274. MALT SYRUP FOR FOOD PURPOSES. E. CLEMENS HORST CO., San Francisco, Calif.
Filed July 5, 1947. Serial No. 527,459. PUBLISHED JUNE 15, 1948. Class 46.

502,275. MEDICATED OINTMENT USED FOR TREATING CHAPPED HANDS, LIPS, AND ROUGHNESS OF THE SKIN. ARMOUR AND COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,517. PUBLISHED JUNE 15, 1948. Class 6.

502,276. ELECTRICAL CONNECTORS—NAMELY, SLEEVES. RELIABLE ELECTRIC COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,557. PUBLISHED MAY 18, 1948. Class 21.

502,277. FLAVORING EXTRACTS FOR FOOD PURPOSES. NEIL PRODUCTS INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,638. PUBLISHED JUNE 8, 1948. Class 46.

502,278. PROCESSED DEODORIZED EDIBLE VEGETABLE OIL. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed July 5, 1947. Serial No. 527,687. PUBLISHED JUNE 8, 1948. Class 46.

502,279. METAL PARTS FOR INDUSTRIAL FURNACES—NAMELY, FURNACE DOORS AND FRAMES WITH DOORS. M. H. DETRICK COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,860. PUBLISHED JUNE 8, 1948. Class 34.

502,280. SLIDE FASTENERS AND COMPONENTS THEREFOR—NAMELY, SLIDERS, PULLS, TOP AND BOTTOM STOPS, AND FASTENER CHAIN. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,863. PUBLISHED JUNE 15, 1948. Class 13.

502,281. SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,879. PUBLISHED JUNE 15, 1948. Class 13.

502,282. SLIDE FASTENERS AND COMPONENTS THEREFOR—NAMELY, SLIDERS, PULLS, TOP AND BOTTOM STOPS, AND FASTENER CHAIN. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,880. PUBLISHED JUNE 22, 1948. Class 13.

502,283. SLIDE FASTENERS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,886. PUBLISHED JUNE 22, 1948. Class 13.

502,284. NOTEBOOKS OF THE LOOSE LEAF RING BINDER TYPE AND PENCIL CASES. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,923. PUBLISHED JUNE 22, 1948. Class 37.

502,285. TENTS. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,945. PUBLISHED JUNE 15, 1948. Class 50.

502,286. CARTONS. CHICAGO CARTON COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 528,011. PUBLISHED JUNE 29, 1948. Class 2.

502,287. MIXING BOWLS, DISH PANS, SAUCE PANS, BAKING PANS, COOKING KETTLES AND POTS, ETC. COLUMBIAN ENAMELING AND STAMPING CO., INC., Terre Haute, Ind.
Filed July 5, 1947. Serial No. 528,013. PUBLISHED JUNE 22, 1948. Class 13.

502,288. FELT IN THE PIECE. AMERICAN FELT COMPANY, Glenville, Conn.
Filed July 10, 1947. Serial No. 528,243. PUBLISHED JUNE 15, 1948. Class 50.

502,289. FILTERMASS WASHERS, FILTER STERILIZING APPARATUS, FILTERMASS BREAKERS, FILTERMASS PRESSES, PITCHING MACHINES FOR KEGS AND BARRELS, ETC. ENZINGER UNION CORPORATION, Angola, N. Y.
Filed July 10, 1947. Serial No. 528,267. PUBLISHED JUNE 22, 1948. Class 23.

502,290. SHOES OF LEATHER, FABRIC, RUBBER, OR COMBINATIONS THEREOF. E. J. GIVREN SHOE CO., INC., Rockland, Mass.
Filed July 10, 1947. Serial No. 528,270. PUBLISHED APRIL 27, 1948. Class 39.

502,291. PLOWS, PLOW SHARES, AND PLOW PARTS. MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY, Minneapolis, Minn.
Filed July 11, 1947. Serial No. 528,355. PUBLISHED JUNE 1, 1948. Class 23.

502,292. SPICES—NAMELY, GROUND NUTMEG, PAPRIKA, CINNAMON, CLOVES, GINGER, ETC. THE GREAT AMERICAN TEA COMPANY, New York, N. Y.
Filed July 12, 1947. Serial No. 528,468. PUBLISHED JUNE 15, 1948. Class 46.

502,293. SODIUM FORMATE FOR CHROME TANNING, WALLPAPER PRINTING, AND CHEMICAL PLATING BATHS. VICTOR CHEMICAL WORKS, Chicago, Ill.
Filed July 12, 1947. Serial No. 528,545. PUBLISHED JUNE 15, 1948. Class 6.

502,294. HAND FIRE EXTINGUISHERS AND COMBINATION HAND FIRE EXTINGUISHER AND TIRE INFLATOR. TAYLOR ENGINEERING COMPANY, INC., Elgin, Ill.
Filed July 15, 1947. Serial No. 528,655. PUBLISHED JUNE 1, 1948. Class 23.

502,295. WORKMAN'S APRON. BALTIMORE HARDWARE COMPANY, Baltimore, Md.
Filed July 16, 1947. Serial No. 528,684. PUBLISHED JUNE 1, 1948. Class 39.

502,296. MOTOR DRIVEN, SCREW-TYPE, EXTRUSION PULP PRESSES FOR PRESSING AND EXTRACTING JUICE OR OIL FROM SUGAR BEET PULP, CITRUS FRUITS, SEEDS AND FISH. JACKSON & CHURCH COMPANY, Saginaw, Mich.
Filed July 17, 1947. Serial No. 528,798. PUBLISHED JUNE 22, 1948. Class 23.

502,297. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES USED IN THE CONSTRUCTION AND OPERATION OF ELECTRICALLY OPERATED TRANSIT SYSTEMS, ETC. THE OHIO BRASS COMPANY, Mansfield, Ohio.
Filed July 17, 1947. Serial No. 528,813. PUBLISHED JUNE 8, 1948. Class 21.

502,298. PRESSURE REGULATING VALVES. ALCO VALVE COMPANY, University City, Mo.
Filed July 18, 1947. Serial No. 528,844. PUBLISHED JUNE 29, 1948. Class 13.

502,299. BUTTER; BACON; DRESSED POULTRY; PEAS—NAMELY, WHOLE GREEN PEAS, YELLOW SPLIT PEAS, ETC. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 18, 1947. Serial No. 528,862. PUBLISHED JUNE 8, 1948. Class 46.

502,300. METAL BALLS USED IN MUSICAL INSTRUMENTS SUCH AS ORGANS. S K F INDUSTRIES, INC., Philadelphia, Pa., and elsewhere.
Filed July 21, 1947. Serial No. 529,090. PUBLISHED JUNE 29, 1948. Class 36.

502,301. METAL BALLS USED IN MUSICAL INSTRUMENTS SUCH AS ORGANS. S K F INDUSTRIES, Philadelphia, Pa., and elsewhere.
Filed July 21, 1947. Serial No. 529,095. PUBLISHED JUNE 29, 1948. Class 36.

502,302. PAJAMAS. KNOTHE BROTHERS CO. INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,166. PUBLISHED JUNE 1, 1948. Class 39.

502,303. MEN'S, WOMEN'S, BOYS' AND GIRLS' PAJAMAS, ROBES, SHORTS, AND UNDERWEAR. KNOTHE BROTHERS CO. INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,167. PUBLISHED JUNE 1, 1948. Class 39.

502,304. MEN'S, WOMEN'S, BOYS' AND GIRLS' PAJAMAS, ROBES, SHORTS AND UNDERWEAR. KNOTHE BROTHERS CO. INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,174. PUBLISHED JUNE 1, 1948. Class 39.

502,305. BALL AND TAPERED ROLLER BEARINGS. LETERSTONE SALES COMPANY, Chicago, Ill.
Filed July 22, 1947. Serial No. 529,179. PUBLISHED JUNE 22, 1948. Class 23.

502,306. RUBBER CRIB SHEETS AND TABLE COVERS OF PLASTIC FILM. EMPIRE SHIELD COMPANY, INC., New York, N. Y.
Filed July 23, 1947. Serial No. 529,242. PUBLISHED JUNE 8, 1948. Class 42.

502,307. MEN'S AND BOYS' WORK AND DRESS SHIRTS. SALANT & SALANT, INC., New York, N. Y.
Filed July 23, 1947. Serial No. 529,310. PUBLISHED JUNE 8, 1948. Class 39.

502,308. FURNITURE LEG LEVELER IN THE NATURE OF A SELF-ADJUSTING GLIDER. BLAKE INDUSTRIES, Detroit, Mich.
Filed July 24, 1947. Serial No. 529,349. PUBLISHED JUNE 15, 1948. Class 13.

502,309. ELECTRIC LAUNDRY WASHERS. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill.
Filed July 24, 1947. Serial No. 529,366. PUBLISHED JUNE 29, 1948. Class 24.

502,310. LAUNCHING GREASES. FISKE BROTHERS REFINING CO., Newark, N. J.
Filed July 25, 1947. Serial No. 529,448. PUBLISHED JUNE 22, 1948. Class 15.

502,311. COSTUME JEWELRY AND BRACELETS MADE OF PRECIOUS AND NON-PRECIOUS METALS AND STONES. MORTON E. MILLS, doing business as The Booker T. Washington Jewelry Company, Brooklyn, N. Y.
Filed July 25, 1947. Serial No. 529,482. PUBLISHED JUNE 8, 1948. Class 28.

502,312. ELECTRIC LAUNDRY WASHERS. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill.
Filed July 26, 1947. Serial No. 529,600. PUBLISHED JUNE 29, 1948. Class 24.

502,313. ELECTRICAL AND ELECTRONIC APPARATUS—NAMELY, FIXED AND VARIABLE RESISTORS, FIXED AND VARIABLE CAPACITORS, SWITCHES, AND SWITCH PARTS, ETC. GLOBE-UNION INC., Milwaukee, Wis.
Filed July 26, 1947. Serial No. 529,635. PUBLISHED JUNE 15, 1948. Class 21.

502,314. FOOTWEAR MADE OF RUBBER AND OF COMBINATIONS OF RUBBER AND FABRIC AND OF RUBBER AND LEATHER—NAMELY, BOOTS, SHOES, RUBBERS, OVERSHOES, WADING BOOTS, ARCTICS, AND GAITERS. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind.
Filed July 26, 1947. Serial No. 529,673. PUBLISHED JUNE 8, 1948. Class 39.

502,315. HOME PERMANENT WAVING KIT CONSISTING OF CURLERS, COLD WAVE WAVING LOTION, AND NEUTRALIZER POWDER USED IN PERMANENT WAVING OF THE HAIR. THE TONI COMPANY, St. Paul, Minn.
Filed July 28, 1947. Serial No. 529,830. PUBLISHED JUNE 15, 1948. Class 50.

502,316. CANNED VEGETABLES. THE TORSCH CANNING COMPANY, Milford, Del.
Filed July 28, 1947. Serial No. 529,831. PUBLISHED JUNE 15, 1948. Class 46.

502,317. BELTS AND HOSE MADE OF RUBBER OR RUBBER AND FABRIC, ETC. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed July 29, 1947. Serial No. 529,930. PUBLISHED JUNE 8, 1948. Class 35.

502,318. SHEETS, PILLOWCASES, AND BLANKETS. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed July 30, 1947. Serial No. 529,985. PUBLISHED FEBRUARY 3, 1948. Class 42.

502,319. PAPER USED FOR BOOKLETS AND CIRCULARS. HOWARD PAPER MILLS, INC., Dayton, Ohio.
Filed July 30, 1947. Serial No. 529,992. PUBLISHED JUNE 22, 1948. Class 37.

502,320. ERASERS. THE ROSENTHAL COMPANY, New York, N. Y.
Filed July 30, 1947. Serial No. 530,027. PUBLISHED JUNE 8, 1948. Class 37.

502,321. FROZEN FRUITS AND VEGETABLES. JOHN H. DULANY & SON, INC., Fruitland, Md., and Exmore, Va.
Filed July 31, 1947. Serial No. 530,072. PUBLISHED JUNE 8, 1948. Class 46.

502,322. METAL SHEATHS FOR ELECTRIC CABLES. THE OKONITE-CALLENDER CABLE COMPANY, INCORPORATED, Paterson, N. J.
Filed July 31, 1947. Serial No. 530,115. PUBLISHED JUNE 22, 1948. Class 21.

502,323. ATHLETIC SHOES. GEO. GILLIS SHOE CORP., Fitchburg, Mass.
Filed August 1, 1947. Serial No. 530,187. PUBLISHED JUNE 1, 1948. Class 39.

502,324. ELECTRIC CONTROLLERS FOR CONTROLLING THE ELECTRIC MOTOR WHICH DRIVES THE HOISTING MECHANISM OF CRANES. THE ELECTRIC CONTROLLER & MANUFACTURING COMPANY, Cleveland, Ohio.
Filed August 5, 1947. Serial No. 530,483. PUBLISHED JUNE 8, 1948. Class 21.

502,325. CORN CHIPS. THE FRITO COMPANY, Dallas, Tex.
Filed August 5, 1947. Serial No. 530,491. PUBLISHED JUNE 8, 1948. Class 46.

502,326. MIRRORS. THE LOUISVILLE PLATE GLASS COMPANY, Louisville, Ky.
Filed August 5, 1947. Serial No. 530,533. PUBLISHED JUNE 22, 1948. Class 32.

502,327. CIGARS, LITTLE CIGARS, AND CHEROOTS. MEDALIST CO., INC., Passaic, N. J.
Filed August 6, 1947. Serial No. 530,665. PUBLISHED JUNE 29, 1948. Class 17.

502,328. WALLPAPER. THE PRAGER CO., INC., Worcester, Mass.
Filed August 6, 1947. Serial No. 530,679. PUBLISHED JUNE 8, 1948. Class 37.

502,329. COMPACTS AND CIGARETTE CASES, MADE WHOLLY OR PARTLY OF PRECIOUS METAL. VOLUPTÉ, INC., Elizabeth, N. J., and New York, N. Y.
Filed August 6, 1947. Serial No. 530,688. PUBLISHED JUNE 8, 1948. Class 28.

502,330. PHARMACEUTICAL PREPARATION FOR EXTERNAL USE ONLY FOR TREATMENT OF ATHLETE'S FOOT. DUN-L PRODUCTS, INC., New York, N. Y.
Filed August 7, 1947. Serial No. 530,726. PUBLISHED JUNE 1, 1948. Class 6.

502,331. SILVERPLATED FLAT TABLEWARE. ONEIDA LTD., Sherrill and Oneida, N. Y.
Filed August 8, 1947. Serial No. 530,836. PUBLISHED MAY 25, 1948. Class 28.

502,332. FOOD FLAVORING EXTRACTS. THE C. F. SAUER COMPANY, Richmond, Va.
Filed August 8, 1947. Serial No. 530,851. PUBLISHED JUNE 8, 1948. Class 46.

502,333. SECONDARY OR STORAGE BATTERIES AND PRIMARY BATTERIES OR DRY CELLS AND PARTS THEREOF, BATTERY CHARGERS AND BATTERY ACCESSORIES. WILLARD STORAGE BATTERY COMPANY, Cleveland, Ohio.
Filed August 8, 1947. Serial No. 530,881. PUBLISHED JUNE 22, 1948. Class 21.

502,334. CARDBOARD, CALENDAR BOARD, BOXBOARD, POSTAL CARD STOCK, RAILROAD BOARD, BRISTOL BOARD, PLACARD STOCK, COVER PAPER, AND STEREOTYPE DRY MATS. THE BEVERIDGE PAPER COMPANY, Indianapolis, Ind.
Filed August 11, 1947. Serial No. 531,015. PUBLISHED JUNE 22, 1948. Class 37.

502,335. BIB-OVERALLS, WAIST-OVERALLS, AND COVERALLS. SWEET-ORR & CO., INC., New York and Wappingers Falls, N. Y.
Filed August 11, 1947. Serial No. 531,052. PUBLISHED JUNE 8, 1948. Class 39.

502,336. PANTS, BIB-OVERALLS, WAIST-OVERALLS, BREECHES, SHIRTS, AND COVERALLS. SWEET-ORR & CO., INC., New York and Wappingers Falls, N. Y.
Filed August 11, 1947. Serial No. 531,056. PUBLISHED JUNE 8, 1948. Class 39.

502,337. PANTS AND JACKETS. SWEET-ORR & CO., INC., New York and Wappingers Falls, N. Y.
Filed August 11, 1947. Serial No. 531,057. PUBLISHED JUNE 8, 1948. Class 39.

502,338. AFTER SHAVE AND AFTER SHOWER LOTION. THE B. V. D. CORPORATION, New York, N. Y., and Baltimore, Md.
Filed August 12, 1947. Serial No. 531,093. PUBLISHED JUNE 8, 1948. Class 6.

502,339. PICK-UP TONE ARMS FOR ELECTRIC PHONOGRAPHS. WEBSTER ELECTRIC COMPANY, Racine, Wis.
Filed August 12, 1947. Serial No. 531,168. PUBLISHED JUNE 8, 1948. Class 21.

502,340. ANTISEPTIC SALVE. MART BRITT, Franklin, Tenn.
Filed August 14, 1947. Serial No. 531,303. PUBLISHED JUNE 8, 1948. Class 6.

502,341. GLASS BOTTLES, GLASS VIALS, GLASS DINNERWARE, DRINKING GLASSES, COCKTAIL GLASSES, GLASS STIRRING RODS FOR BEVERAGES, AND GLASS VASES. BROOKS BROTHERS, New York, N. Y.
Filed August 14, 1947. Serial No. 531,309. PUBLISHED JUNE 1, 1948. Class 33.

502,342. TEXTILE FABRICS IN THE PIECE OF COTTON, RAYON, PROTEIN FIBRES, AND MIXTURES THEREOF. MANDEE FABRICS, INC., New York, N. Y.
Filed August 14, 1947. Serial No. 531,343. PUBLISHED MAY 25, 1948. Class 42.

502,343. SHOES AND RUBBERS FOR BOYS MADE OF LEATHER, RUBBER, CANVAS AND FABRIC AND COMBINATIONS THEREOF. POWELL & CAMPBELL, INC., New York, N. Y.
Filed August 14, 1947. Serial No. 531,372. PUBLISHED JUNE 1, 1948. Class 39.

502,344. SHOES, BOOTS, RUBBERS AND SLIPPERS FOR BOYS, MADE OF LEATHER, RUBBER, CANVAS AND FABRIC AND COMBINATIONS THEREOF. POWELL & CAMPBELL, INC., New York, N. Y.
Filed August 14, 1947. Serial No. 531,373. PUBLISHED JUNE 1, 1948. Class 39.

502,345. BOYS' SUITS. MEIER & FRANK CO. INC., doing business as Meier & Frank Co., Portland, Oreg.
Filed August 15, 1947. Serial No. 531,496. PUBLISHED MAY 25, 1948. Class 39.

502,346. VENETIAN BLINDS AND PARTS THEREOF. VANITY FAIR VENETIAN BLINDS, INC., New York, N. Y.
Filed August 15, 1947. Serial No. 531,555. PUBLISHED JUNE 8, 1948. Class 32.

502,347. FRESH CITRUS FRUIT. KNAPP-SHERRIFF-KOELLE, Donna, Tex.
Filed August 18, 1947. Serial No. 531,683. PUBLISHED JUNE 8, 1948. Class 46.

502,348. ELECTRIC LAMPS, ELECTRIC HORNS, ELECTRIC STOP SIGNALS FOR MOUNTING ON VEHICLES, ELECTRIC BICYCLE LIGHTS, ELECTRIC ROOM HEATERS WITH OR WITHOUT ENFORCED CIRCULATION MEANS, ETC. E. A. LABORATORIES, INC., New York, N. Y.
Filed August 18, 1947. Serial No. 531,686. PUBLISHED JUNE 1, 1948. Class 21.

502,349. LADIES', MEN'S, AND CHILDREN'S HOSIERY. THE ALDEN MILLS, New Orleans, La.
Filed August 20, 1947. Serial No. 531,877. PUBLISHED MAY 25, 1948. Class 39.

502,350. WRIST WATCH BANDS AND BRACELETS MADE OF METAL, PRECIOUS OR OTHERWISE, NOT INCLUDING WATCHES. M. F. G. WATCH BAND COMPANY, INC., New York, N. Y.
Filed August 21, 1947. Serial No. 532,038. PUBLISHED JUNE 8, 1948. Class 28.

502,351. LIPSTICKS. PARK & TILFORD, New York, N. Y.
Filed August 22, 1947. Serial No. 532,157. PUBLISHED JUNE 8, 1948. Class 6.

502,352. CHAINS—NAMELY, WALDEMAR, DICKENS, SPORT, WATCH AND NECK CHAINS; KNIVES, BUCKLES, BRACELETS, WATCH BRACELETS, WATCH FOBS, METAL FOBS, AND LOCKETS, ALL CONSTRUCTED PARTIALLY OR ENTIRELY OF PRECIOUS METAL. BRIGGS, BATES & BACON COMPANY, Attleboro, Mass.
Filed August 25, 1947. Serial No. 532,268. PUBLISHED JUNE 8, 1948. Class 28.

502,353. BOTTLED LIQUID WHICH WHEN SPRAYED DEODORIZES AND FRESHENS THE AIR. MILLER PROTECTO PRODUCTS CO., Kalamazoo, Mich.
Filed August 25, 1947. Serial No. 532,322. PUBLISHED JUNE 8, 1948. Class 6.

502,354. CANNED CORN. ROSSVILLE PACKING COMPANY, Rossville, Ill.
Filed August 26, 1947. Serial No. 532,501. PUBLISHED JUNE 8, 1948. Class 46.

502,355. TIRES AND INNER TUBES THEREFOR. THE KELLY-SPRINGFIELD TIRE COMPANY, Cumberland, Md.
Filed August 27, 1947. Serial No. 532,608. PUBLISHED JUNE 8, 1948. Class 35.

502,356. TIRES AND INNER TUBES THEREFOR AND FOR RUBBER REPAIR PATCHES AND CAMELBACK. THE KELLY-SPRINGFIELD TIRE COMPANY, Cumberland, Md.
Filed August 27, 1947. Serial No. 532,609. PUBLISHED JUNE 8, 1948. Class 35.

502,357. WHEAT FLOUR. THE LOUDONVILLE MILLING COMPANY, Loudonville, Ohio, assignor to Standard Milling Company, Chicago, Ill., a corporation of Illinois.
Filed August 28, 1947. Serial No. 532,720. PUBLISHED JUNE 8, 1948. Class 46.

502,358. ELECTRICAL PHONOGRAPHS. WATERS CONLEY COMPANY, Rochester, Minn.
Filed August 28, 1947. Serial No. 532,776. PUBLISHED JUNE 15, 1948. Class 21.

502,359. SWEATERS. MAURICE HOLMAN, INC., Los Angeles, Calif.
Filed August 29, 1947. Serial No. 532,852. PUBLISHED JUNE 8, 1948. Class 39.

502,360. INTERPHONE COMMUNICATION APPARATUS FOR AIRCRAFT. MYERS-WILLIAMS, INC., Cincinnati, Ohio.
Filed August 29, 1947. Serial No. 532,857. PUBLISHED JUNE 8, 1948. Class 21.

502,361. HOSIERY. SAMUEL SILVERSTEIN, Newark, N. J.
Filed August 29, 1947. Serial No. 532,877. PUBLISHED JUNE 8, 1948. Class 39.

502,362. ELECTRIC LAMP HOLDERS. STONE MANUFACTURING CO., Elizabeth, N. J.
Filed August 29, 1947. Serial No. 532,881. PUBLISHED JUNE 8, 1948. Class 21.

502,363. STABILIZER FOR ICE CREAMS, SHERBETS, WATER ICES, FROZEN CONFECTIONS AND THE LIKE. JOE LOWE CORPORATION, New York, N. Y.
Filed August 30, 1947, Serial No. 532,945. PUBLISHED JUNE 8, 1948. Class 46.

502,364. GOLD DIAMOND FINGER RINGS, PLATINUM DIAMOND FINGER RINGS, AND GOLD AND PLATINUM DIAMOND FINGER RINGS. SHIMAN BROS. & CO., INC., New York, N. Y.
Filed August 30, 1947. Serial No. 532,963. PUBLISHED JUNE 8, 1948. Class 28.

502,365. HOSIERY. HUDSON HOSIERY COMPANY, Charlotte, N. C.
Filed September 2, 1947. Serial No. 533,025. PUBLISHED JUNE 8, 1948. Class 39.

502,366. TRAYS FOR HOLDING LETTERS AND OTHER MATERIALS, FOR THE USE OF STENOGRAPHERS. ZEPHYR AMERICAN CORPORATION, New York, N. Y.
Filed September 3, 1947. Serial No. 533,221. PUBLISHED JUNE 8, 1948. Class 37.

502,367. CANNED MIXED VEGETABLES AND FRESH FROZEN MIXED VEGETABLES. THE LARSEN COMPANY, Green Bay, Wis.
Filed September 4, 1947. Serial No. 533,323. PUBLISHED JUNE 8, 1948. Class 46.

502,368. TRAVELING STOOL ATTACHED TO A BARBER CHAIR FOR MOVEMENT ABOUT SAME. ROBERT J. LITTLEJOHN, doing business as R. J. Littlejohn and Son, Greenville, S. C.
Filed September 4, 1947. Serial No. 533,329. PUBLISHED JUNE 8, 1948. Class 32.

502,369. JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES)—NAMELY, FINGER RINGS, RING MOUNTINGS, AND DIAMONDS AND OTHER PRECIOUS STONES. SAMUEL PLATZER CO., INC., New York, N. Y.
Filed September 4, 1947. Serial No. 533,370. PUBLISHED JUNE 8, 1948. Class 28.

502,370. TEXTILE FABRICS IN THE PIECE, COMPOSED OF COTTON, COTTON AND RAYON, AND RAYON. WM. SIMPSON, SONS & CO., Philadelphia, Pa.
Filed September 5, 1947. Serial No. 533,628. PUBLISHED MAY 25, 1948. Class 42.

502,371. FRESH GRAPES. FLORIN FRUIT GROWERS' ASSOCIATION, Florin, Calif.
Filed September 8, 1947. Serial No. 533,721. PUBLISHED JUNE 15, 1948. Class 46.

502,372. TEXTILE FABRICS IN THE PIECE, OF COTTON, RAYON, PROTEIN FIBRES, AND MIXTURES THEREOF, COMBINED WITH METALLIC THREADS. KEMPER FABRICS CO., INC., New York, N. Y.
Filed September 9, 1947. Serial No. 533,901. PUBLISHED MAY 25, 1948. Class 42.

502,373. TEXTILE FABRICS IN THE PIECE OF COTTON, RAYON, WOOL, WORSTED AND COMBINATIONS THEREOF. SHIRLEY FABRICS CORP., New York, N. Y.
Filed September 9, 1947. Serial No. 533,933. PUBLISHED JUNE 1, 1948. Class 42.

502,374. WINDOW SHADE CLOTH. INTERSTATE SHADE CLOTH COMPANY, Hoboken, N. J.
Filed July 16, 1947. Serial No. 533,966. PUBLISHED MAY 25, 1948. Class 42.

502,375. WOVEN FABRICS OF RAYON SOLD AS PIECE GOODS. J. ROSENHOLZ, INC., New York, N. Y.
Filed September 10, 1947. Serial No. 534,058. PUBLISHED MAY 25, 1948. Class 42.

502,376. GUTTA PERCHA COATED COTTON FABRIC IN THE ROLL USED FOR REINFORCING PURPOSES. ACME BACKING CORPORATION, Brooklyn, N. Y.
Filed September 11, 1947. Serial No. 534,075. PUBLISHED MAY 25, 1948. Class 42.

502,377. FISH LURES. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed September 11, 1947. Serial No. 534,130. PUBLISHED MAY 11, 1948. Class 22.

502,378. FISH LURES. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed September 11, 1947. Serial No. 534,131. PUBLISHED MAY 11, 1948. Class 22.

502,379. LACES IN THE PIECE. SAMUEL EHRMAN & CO., INC., New York, N. Y.
Filed September 12, 1947. Serial No. 534,280. PUBLISHED MAY 25, 1948. Class 42.

502,380. PERFUMES, TOILET WATER, BATH OIL, DUSTING POWDER, TALCUM POWDER, AND SACHET. HAVILAND LABORATORIES, INC., New York, N. Y.
Filed September 13, 1947. Serial No. 534,437. PUBLISHED JUNE 15, 1948. Class 6.

502,381. HARMONICAS. HARMONIC REED CORPORATION, Philadelphia, Pa.
Filed September 15, 1947. Serial No. 534,530. PUBLISHED JUNE 29, 1948. Class 36.

502,382. SOLDER CONSISTING OF A POWDER PREPARATION HAVING INCIDENTAL RUST-RETARDING PROPERTIES AND USED FOR MENDING LEAKS IN RADIATORS AND COOLING SYSTEMS OF AUTOMOBILES AND TRACTORS. WINDSOR-LLOYD PRODUCTS, INC., Wilmington, Del.
Filed September 16, 1947. Serial No. 534,701. PUBLISHED JUNE 8, 1948. Class 6.

502,383. WINDOW CURTAINS. HOUSE BEAUTIFUL CURTAINS, INC., New York, N. Y.
Filed September 25, 1947. Serial No. 535,706. PUBLISHED MAY 25, 1948. Class 42.

502,384. GAS BURNING HOT PLATES. ANCO MANUFACTURING & SUPPLY COMPANY, Tulsa, Okla.
Filed September 26, 1947. Serial No. 535,780. PUBLISHED JUNE 1, 1948. Class 34.

502,385. INSECTICIDES. SCIENTIFIC SUPPLY COMPANY, INC., Denver, Colo.
Filed September 26, 1947. Serial No. 535,885. PUBLISHED JUNE 8, 1948. Class 6.

502,386. WICKS FOR LIQUID FUEL BURNERS. UNION ASBESTOS & RUBBER CO., Chicago, Ill.
Filed September 26, 1947. Serial No. 535,905. PUBLISHED JUNE 8, 1948. Class 34.

502,387. CIGARS. THE FAIR, Chicago, Ill.
Filed October 1, 1947. Serial No. 536,369. PUBLISHED JUNE 29, 1948. Class 17.

502,388. LIQUID PREPARATION FOR PRESERVING AND RENDERING WATER REPELLANT, DRY FLIES, FISHING LINES, CLOTHING, AND FABRICS. THE PAUL BUNYAN BAIT COMPANY, Minneapolis, Minn.
Filed October 3, 1947. Serial No. 536,581. PUBLISHED JUNE 8, 1948. Class 6.

502,389. PIANOS. KOHLER & CAMPBELL, INC., New York, N. Y.
Filed October 3, 1947. Serial No. 536,699. PUBLISHED JUNE 29, 1948. Class 36.

502,390. PIANOS. KOHLER & CAMPBELL, INC., New York, N. Y.
Filed October 3, 1947. Serial No. 536,700. PUBLISHED JUNE 29, 1948. Class 36.

502,391. PIANOS. KOHLER & CAMPBELL, INC., New York, N. Y.
Filed October 3, 1947. Serial No. 536,701. PUBLISHED JUNE 29, 1948. Class 36.

502,392. HARMONICAS. WM. KRATT CO., Union, N. J.
Filed October 4, 1947. Serial No. 536,824. PUBLISHED JUNE 29, 1948. Class 36.

502,393. CIGARETTES AND CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed October 6, 1947. Serial No. 536,925. PUBLISHED JUNE 29, 1948. Class 17.

502,394. CUFF BUTTONS MADE WHOLLY OR IN PART OF PRECIOUS METAL. J. F. STURDY'S SONS COMPANY, Attleboro Falls, Mass.
Filed October 7, 1947. Serial No. 537,096. PUBLISHED JUNE 8, 1948. Class 28.

502,395. AIR FLOW CONTROL LOUVERS. BARBER-COLMAN COMPANY, Rockford, Ill.
Filed October 10, 1947. Serial No. 537,403. PUBLISHED JUNE 8, 1948. Class 34.

502,396. SHEETS AND PILLOW CASES. JAMES G. HARDY & CO., INC., New York, N. Y.
Filed October 11, 1947. Serial No. 537,585. PUBLISHED MAY 25, 1948. Class 42.

502,397. CARPETS. THERMWELL PRODUCTS CO. INC., New York, N. Y.
Filed October 11, 1947. Serial No. 537,634. PUBLISHED MAY 25, 1948. Class 42.

502,398. CONVERSION OIL BURNERS. THE HEIL CO., Milwaukee, Wis.
Filed October 6, 1947. Serial No. 537,765. PUBLISHED JUNE 8, 1948. Class 34.

502,399. LAUNDRY EQUIPMENT—NAMELY, WASHING MACHINES, DRYING MACHINES, AND IRONING MACHINES. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed October 16, 1947. Serial No. 537,999. PUBLISHED JUNE 29, 1948. Class 24.

502,400. TEXTILE FABRICS IN THE PIECE MADE OF WOOL, COTTON, SILK, RAYON AND MIXTURES THEREOF. CHARLES BERNSTEIN & SON, New York, N. Y.
Filed October 20, 1947. Serial No. 538,349. PUBLISHED JUNE 1, 1948. Class 42.

502,401. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed October 21, 1947. Serial No. 538,508. PUBLISHED MAY 25, 1948. Class 42.

502,402. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed October 21, 1947. Serial No. 538,513. PUBLISHED JUNE 8, 1948. Class 42.

502,403. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed October 21, 1947. Serial No. 538,514. PUBLISHED JUNE 8, 1948. Class 42.

502,404. SMOKING TOBACCO. PENN TOBACCO COMPANY, Wilkes-Barre, Pa.
Filed October 31, 1947. Serial No. 539,751. PUBLISHED JUNE 29, 1948. Class 17.

502,405. LIPSTICKS. LUCIEN LELONG, INC., Chicago, Ill.
Filed November 6, 1947. Serial No. 540,294. PUBLISHED JUNE 8, 1948. Class 6.

502,406. LAUNDRY WASHING MACHINES, SAD IRONS, CLOTHES SPRINKLERS, LAUNDRY TUBS, CLOTHES WRINGERS, AND CLOTHES PINS. OAKES & COMPANY, Chicago, Ill.
Filed November 8, 1947. Serial No. 540,559. PUBLISHED JUNE 29, 1948. Class 24.

502,407. PAPER MANUFACTURED FOR USE AS AN INNER OR OUTER LAYER IN THE CONSTRUCTION OF CARTONS AND OTHER LAMINATED PRODUCTS. S. D. WARREN COMPANY, Boston, Mass.
Filed October 22, 1947. Serial No. 542,734. PUBLISHED JUNE 22, 1948. Class 37.

502,408. SILICATE OF SODA EITHER ALONE OR IN ADMIXTURE WITH OTHER ALKALINE SALTS. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.
Filed October 21, 1947. Serial No. 544,654. PUBLISHED JUNE 8, 1948. Class 6.

502,409. TRACTORS. HEINZ AND MUNSCHAUER, Cleveland, Ohio.
Filed February 5, 1948. Serial No. 545,323. PUBLISHED JUNE 22, 1948. Class 23.

502,410. RAYON PIECE GOODS. INDUSTRIAL RAYON CORPORATION, Cleveland, Ohio.
Filed April 1, 1948. Serial No. 546,259. PUBLISHED JUNE 1, 1948. Class 42.

502,411. RAYON PIECE GOODS. INDUSTRIAL RAYON CORPORATION, Cleveland, Ohio.
Filed April 1, 1948. Serial No. 546,260. PUBLISHED JUNE 1, 1948. Class 42.

502,412. OLIVE OIL. CONTI PRODUCTS CORPORATION, Brooklyn, N. Y.
Filed October 2, 1947. Serial No. 547,404. PUBLISHED JUNE 15, 1948. Class 46.

502,413. BRACELETS AND WATCH BRACELETS, NOT INCLUDING WATCHES. GEMEX COMPANY, Union, N. J.
Filed March 19, 1948. Serial No. 547,885. PUBLISHED JUNE 8, 1948. Class 28.

Service Marks

502,414. BANKING AND TRUST SERVICES—NAMELY, FINANCING, CREDIT AND LOAN SERVICES, ETC. THE ANGLO CALIFORNIA NATIONAL BANK OF SAN FRANCISCO, San Francisco, Calif., and elsewhere.
Filed July 5, 1947. Serial No. 527,251. PUBLISHED JUNE 8, 1948. Class 55.

502,415. WRITING OF FIRE INSURANCE. SENTINEL FIRE INSURANCE COMPANY, Springfield, Mass.
Filed July 18, 1947. Serial No. 528,888. PUBLISHED JUNE 8, 1948. Class 55.

502,416. WRITING OF FIRE AND MARINE INSURANCE. SPRINGFIELD FIRE AND MARINE INSURANCE COMPANY, Springfield, Mass.
Filed July 18, 1947. Serial No. 528,891. PUBLISHED JUNE 8, 1948. Class 55.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

502,417. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PLANT PRODUCTS CORPORATION, Blue Point, N. Y., assignee of Plant Products Company. Filed Jan. 10, 1948. Serial No. 483,789.

Yamtox

FOR INSECTICIDES USED FOR SPRAYING PLANTS.
Claims use since Dec. 31, 1943.

502,418. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) CALIFORNIA HAND PRINTS, INC., Hermosa Beach, Calif. Filed Oct. 25, 1947. Serial No. 510,235.

"Tahitian Hand Prints"

Applicant claims ownership of registrations Nos. 349,429, 415,824, and 416,360.
FOR PLAIN AND PRINTED TEXTILE PIECE GOODS MADE OF COTTON, SYNTHETIC FIBERS OR MIXTURES THEREOF.
Claims use since May 20, 1946.

502,419. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) REED PLASTICS CORPORATION, White Plains, N. Y., assignor, by mesne assignments, to Tarlen Corporation, White Plains, N. Y., a corporation of New York. Filed Sept. 20, 1947. Serial No. 511,832.

REDDY-MUNNY

FOR COIN PURSES.
Claims use since August 1946.

502,420. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) W. F. WHITNEY COMPANY, INC., South Ashburnham, Mass. Filed Sept. 24, 1947. Serial No. 512,551.

PLASTICANE

FOR WOVEN PLASTIC RATTAN, SOLD IN THE ROLL.
Claims use since May 21, 1946.

502,421. (CLASS 39. CLOTHING.) CROSS COUNTRY SPORTSWEAR CORP., New York, N. Y. Filed Nov. 28, 1947. Serial No. 514,753.

Northampton

FOR MEN'S AND BOYS' WEARING APPAREL—NAMELY, PANTS, COATS, SUITS, JACKETS, SHIRTS; ALSO WOMEN'S SLACKS.
Claims use since Oct. 21, 1946.

502,422. (CLASS 39. CLOTHING.) RAINBAR TOGS, INC., New York, N. Y. Filed Dec. 1, 1947. Serial No. 515,905.

The 12-Monther by Rainbar Togs

FOR LADIES' AND MISSES' RAINCOATS, HATS, SCARFS, RUBBERS AND GLOVES.
Claims use since Oct. 1, 1945.

502,423. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAGE LABORATORIES, INC., New York, N. Y. Filed Oct. 17, 1947. Serial No. 516,788.



The words "Air Refresher Dispels Odors" being disclaimed apart from the mark as shown. The drawing being lined to indicate the colors blue and yellow as they appear upon the mark.
FOR COMPOUND OF AROMATIC AND ESSENTIAL OILS FORMULATED AS TO BE SELF DISSEMINATING AND TO DEODORIZE THE ATMOSPHERE.
Claims use since Dec. 20, 1944.

502,424. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN C. JONES, doing business as The Gettysburg Canning Company, Gettysburg, Ohio. Filed Apr. 15, 1947. Serial No. 520,710.

GETTYSBURG

FOR CANNED TOMATOES.
Claims use since Jan. 1, 1944.

502,425. (CLASS 38. PRINTS AND PUBLICATIONS.) THE BUREAU OF NATIONAL AFFAIRS, INC., Washington, D. C. Filed Dec. 31, 1947. Serial No. 521,056.

LABOR ARBITRATION REPORTS

Applicant claims ownership of registrations Nos. 354,006 and 360,819.
FOR PERIODICAL PUBLICATIONS.
Claims use since October 1946.

502,426. (CLASS 2. RECEPTACLES.) VENUS CORPORATION, New York, N. Y. Filed Nov. 10, 1947. Serial No. 524,221.

BOTTLE GUARD

FOR CONTAINERS—NAMELY, BAGS FOR ENCLOSING BOTTLES, WHEN TRAVELLING, OF WATERPROOF SUEDE; LEATHER AND SATIN, OR THE LIKE.
Claims use since June 1, 1937.

502,427. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. DE SWAAN, INC., New York, N. Y. Filed July 1, 1948. Serial No. 525,305.

DE SWAAN PRIMA

FOR WHEAT FLOUR.
Claims use since March 1946.

502,428. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) THE HOOVER COMPANY, North Canton, Ohio. Filed July 8, 1948. Serial No. 527,228.

HOOVER

Applicant claims ownership of registrations Nos. 130,756, 165,890, and 377,138.
FOR ELECTRIC IRONS.
Claims use since June 1947.

502,429. (CLASS 37. PAPER AND STATIONERY.) BINNEY & SMITH COMPANY, New York, N. Y. Filed Apr. 16, 1948. Serial No. 528,109.

ANTI-ROLL

FOR DRAWING CRAYON.
Claims use since Apr. 7, 1947.

502,430. (CLASS 37. PAPER AND STATIONERY.) THE AJAX BOX COMPANY, Chicago, Ill. Filed Jan. 6, 1948. Serial No. 528,598.

WIN-DO-BOARD

FOR CORRUGATED PAPER.
Claims use since July 3, 1940.

502,431. (CLASS 37. PAPER AND STATIONERY.) GILBERT PAPER COMPANY, Menasha, Wis. Filed Feb. 16, 1948. Serial No. 528,918.

Cheltenham

FOR BOND PAPER.
Claims use since May 6, 1937.

502,432. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) PAUL E. HAWKINSON COMPANY, Minneapolis, Minn. Filed Mar. 26, 1948. Serial No. 531,036.



FOR TIRE TREADS.
Claims use since Jan. 1, 1945.

502,433. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) THE L. B. PRICE MERCANTILE COMPANY, St. Louis, Mo. Filed Mar. 19, 1948. Serial No. 531,712.

SUPERB

FOR BLANKETS.
Claims use since Dec. 16, 1932.

502,434. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa. Filed July 17, 1948. Serial No. 532,055.

HI-TRED

FOR PNEUMATIC TIRES.
Claims use since Apr. 10, 1947.

502,435. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) UNITED PLASTIC CORPORATION, Clinton, Mass. Filed May 7, 1948. Serial No. 534,570.

Steri-lite

FOR PLASTIC COMBS.
Claims use since Sept. 15, 1945.

502,436. (CLASS 39. CLOTHING.) WILMINGTON HOSIERY MILLS, INC., Wilmington, Del. Filed Sept. 29, 1947. Serial No. 536,201.

FOR BOYS FROM SIX TO SIXTY

FOR HOSIERY.
Claims use since Jan. 2, 1946.

502,437. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CHURNGOLD CORPORATION, Cincinnati, Ohio. Filed Oct. 23, 1947. Serial No. 544,661.

OXFORD

FOR OLEOMARGARINE.
Claims use since Sept. 1, 1927.

TRADE-MARK REGISTRATIONS RENEWED

32,134. "KODOL" AND BACKGROUND DESIGN. Registered Nov. 8, 1898. E. C. De Witt & Company. Renewed Nov. 8, 1948, to E. C. De Witt & Co. Inc., Chicago, Ill., a corporation of New York. A PREPARATION FOR ALLEVIATING DISCOMFORTS OF EXCESS STOMACH ACIDITY AND IMPROVING THE APPETITE. Class 6.

53,028. SANATOGEN. Registered May 22, 1906. Bauer & Co., Berlin, Germany. Re-renewed May 22, 1946 (as provided by P. L. 517, July 17, 1946), to N. V. A. Wulfing & Co.'s Chemische Producten, Velp, Guelders, Holland, a corporation organized under the laws of Holland. DIETETIC ALBUMINOUS PREPARATIONS. Class 6.

65,109. LONGINES. Registered Sept. 10, 1907. A. Wittnauer Co., New York, N. Y. Re-renewed Sept. 10, 1947, to Compagnie Des Montres Longines, Francillon S. A. (Longines Watch Co. Francillon Ltd.), St. Imier, Switzerland, a corporation organized and existing under the laws of Switzerland. WATCHES, PARTS OF WATCHES, AND WATCHCASES. Class 27.

67,918. CRYOGENINE. Registered Feb. 25, 1908. Société Anonyme des Produits Chimiques Spéciaux, Lyon-Monplaisir, France. Re-renewed Feb. 25, 1948, to Societe Anonyme Des Produits Chimiques Speciaux "Brevets Lumiere," Lyon, Rhone, France, a corporation organized under the laws of the Republic of France. MEDICINES FOR THE TREATMENT OF TUBERCULAR FEVER, DOTHIENENTERITIS, AND OTHER NAMED AILMENTS. Class 6.

68,894. "S. T." AND DESIGN. Registered May 5, 1908. Seth Thomas Clock Company, New York, N. Y. Re-renewed May 5, 1948, to General Time Instruments Corporation, Thomaston, Conn., and New York, N. Y., a corporation of Delaware. CLOCKS. Class 27.

69,269. "VENUS" ETC. AND DESIGN. Registered June 2, 1908. Societa Prodotti Chimco Farmaceutici A. Bertelli & Co., Milan, Italy, a corporation organized under the laws of Italy. Re-renewed June 2, 1948. PERFUMES FOR TOILET USE. Class 6.

69,312. WOLVERINE. Registered June 2, 1908. Wolverine Brass Works, Grand Rapids, Mich., a corporation of Michigan. Re-renewed June 2, 1948. STANDARD AND CONVERTIBLE TRAPS, ADJUSTABLE AND UNIVERSAL TRAPS; DEEP SEAL AND CENTRIFUGAL TRAPS; ETC. Class 13.

69,313. WOLVERINE. Registered June 2, 1908. Wolverine Brass Works, Grand Rapids, Mich., a corporation of Michigan. Re-renewed June 2, 1948. RUBBER CLOSET ELBOWS, CONNECTIONS, AND SLEEVES, RUBBER TANK-BALLS, RUBBER BASIN-STOPPERS, WASTE WASHERS, AND FULLER BALLS. Class 13.

69,723. RATIN. Registered June 30, 1908. Bakteriologisk Laboratorium, Neumann & Co., I. Aalborg, Aalborg, Denmark. Re-renewed June 30, 1948, to A/S Bakteriologisk Laboratorium "Ratin," Frederiksberg, Denmark, a corporation organized under the laws of Denmark. BACTERIOLOGICAL PREPARATIONS FOR THE EXTERMINATION OF RATS AND MICE. Class 6.

69,739. "A=BERTELLI E CO" ETC. AND DRAWING. Registered June 30, 1908. Societa Prodotti Chimco Farmaceutici A. Bertelli & Co., Milan, Italy, a corporation organized under the laws of Italy. Re-renewed June 30, 1948. MEDICAL PREPARATIONS CONSISTING OF PILLS, PASTILS, AND OILS FOR MEDICINAL PURPOSES. Class 6.

70,578. "NORTHWESTERN" ETC. AND DESIGN LINED FOR BLUE AND RED. Registered Sept. 15, 1908. Northwestern States Portland Cement Co. Re-renewed Sept. 15, 1948, to Northwestern States Portland Cement Company, Mason City, Iowa, a corporation of Iowa. PORTLAND CEMENT. Class 12.

70,850. IRRIGOL. Registered Oct. 13, 1908. Alkalol Company, Taunton, Mass., a corporation of Massachusetts. Re-renewed Oct. 13, 1948. A MEDICINAL COMPOUND USED IN SOLUTION FOR TREATMENT OF DISCHARGES, INFLAMMATION AND CATARRHAL CONDITIONS OF MUCOUS MEMBRANES. Class 6.

71,384. BORAXINE. Registered Nov. 24, 1908. Larkin Co. Re-renewed Nov. 24, 1948, to Larkin Co Inc., Buffalo, N. Y., a corporation of New York. SOAP POWDER USED FOR CLEANSING PURPOSES. Class 4.

71,562. KEEN KUTTER. Registered Dec. 1, 1908. Simmons Hardware Company. Re-renewed Dec. 1, 1948, to Shapleigh Hardware Company, St. Louis, Mo., a corporation of Missouri. RAZOR STROPS. Class 4.

72,060. "CATTARAUGUS CUTLERY CO. INDIAN BRAND" ETC. AND DRAWING. Registered Dec. 29, 1908. Cattaraugus Cutlery Co., Little Valley, N. Y., a corporation of New York. Re-renewed Dec. 29, 1948. POCKET-KNIVES, TABLE KNIVES AND FORKS, SHEARS, SCISSORS, RAZORS, BUTCHER-KNIVES, CARVING-KNIVES, AND PRUNING-KNIVES. Class 23.

163,174. "CIBA" AND REPRESENTATION OF LION ON A BARREL, ETC. Registered June 2, 1923. Society of Chemical Industry in Basle. Renewed Jan. 2, 1943 (as provided by P. L. 517, July 17, 1946) to Ciba Limited, Basel, Switzerland, a corporation organized under the laws of Switzerland. COAL-TAR COLORS. Class 6.

174,144. COCO-QUININE. Registered Oct. 2, 1923. The Eli Lilly & Company, now by change of name Eli Lilly & Company. Renewed Jan. 5, 1948 (Supplemental Register) to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana. LIQUID MEDICINAL PREPARATION CONTAINING QUININE. Class 6.

175,710. "HAPPINESS IN EVERY BOX". Registered Nov. 6, 1923. U. R. S. Candy Stores, Inc., New York, N. Y. Renewed Jan. 5, 1948 (Supplemental Register) to Loft Candy Corporation, Long Island City, N. Y., a corporation of New York. CANDY. Class 46.

196,284. LE GUI. Registered Mar. 17, 1925. Etablissements Gaston Verdier (Société Anonyme), Meaux, Seine et Marne, France, a corporation organized under the laws of the Republic of France. Renewed Mar. 17, 1945 (as provided by P. L. 517, July 17, 1946). STOCKINGS, SOCKS, AND HALF STOCKINGS. Class 39.

196,636. HACO. Registered Mar. 24, 1925. Haco Gesellschaft A. G., Bern, Switzerland, a joint stock company of Switzerland. Renewed Mar. 24, 1945 (as provided by P. L. 517, July 17, 1946). MALT EXTRACT. Class 48.

212,376. CIBACETE. Registered May 4, 1926. Society of Chemical Industry in Basle. Renewed May 4, 1946 (as provided by P. L. 517, July 17, 1946), to Ciba Limited, Basel, Switzerland, a corporation organized under the laws of Switzerland. COAL-TAR COLORS. Class 6.

212,377. CIBANTHRONE. Registered May 4, 1926. Society of Chemical Industry in Basle. Renewed May 4, 1946 (as provided by P. L. 517, July 17, 1946), to Ciba Limited, Basel, Switzerland, a corporation organized under the laws of Switzerland. COAL-TAR COLORS. Class 6.

221,815. LEMAIRE. Registered Dec. 14, 1926. Sussfeld, Lorsch & Schimmel. Renewed Dec. 14, 1946, to Baille-Lemaire Fils & Cie, New York, N. Y., a firm of France. BINOCULARS, FIELD AND MARINE GLASSES, OPERA GLASSES, AND TELESCOPES. Class 26.

222,708. "SIMPLEX" AND DESIGN. Registered Jan. 4, 1927. Office Specialties Co. Renewed Jan. 4, 1947, to Office Specialties Co., Los Angeles, Calif., a co-partnership. INK PADS, RUBBER-STAMP INK, AND NUMBERING MACHINE INK. Class 11.

223,223. NORTHLAND. Registered Jan. 18, 1927. The Northland Oil Company. Renewed Jan. 18, 1947, to The Northland Oil Company, St. Paul, Minn., a corporation of Delaware. MOTOR-LUBRICATING OIL, GASOLINE, LUBRICATING OIL AND GREASES. Class 15.

225,331. UNIVERSAL. Registered Mar. 15, 1927. New England Fire Appliance Co. Renewed Mar. 15, 1947, to American Fire Equipment Co., Boston, Mass., a co-partnership. FIRE-EXTINGUISHING DEVICES AND SUPPLIES, VIZ.: HAND AND PORTABLE FIRE EXTINGUISHERS, WHISTLES, SIRENS, DOOR-OPENING AND LOCK-BREAKING TOOLS. Class 23.

225,387. "LE SECRET" ETC. Registered Mar. 15, 1927. Lionel Trading Co. Inc. Renewed Mar. 15, 1947, to Parfums Corday, Inc., New York, N. Y., a corporation of New York. PERFUMES. Class 6.

227,078. CYMRO. Registered Apr. 26, 1927. Rand Cold Storage & Supply Company, Limited, Kazerne, Johannesburg, Union of South Africa, a corporation organized under the laws of the Union of South Africa. Renewed Apr. 26, 1947. BONES, HORNS, LEATHER, SKINS, HIDES, UNWROUGHT AND WROUGHT, FLAYED AND UNFLAYED, CURED AND UNCURED. Class 1.

229,695. JASMINIQUE. Registered July 5, 1927. Albert Verley, Inc. Renewed July 5, 1947, to Albert Verley & Company, Chicago, Ill., a corporation of Illinois. AROMATIC ALCOHOLS, AROMATIC ALDEHYDES, ETC. Class 6.

235,530. INDOR. Registered Nov. 22, 1927. General Laboratories, Madison, Wis. Renewed Nov. 22, 1947, to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania. INSECTICIDES. Class 6.

235,584. HAPPY HOME. Registered Nov. 22, 1927. Schwabacher Bros. & Co. Inc. Renewed Nov. 22, 1947, to Lang & Co., Seattle, Wash., a corporation of Washington. CANNED VEGETABLES, CANNED FRUITS, EVAPORATED FRUITS, CANNED BERRIES, PREPARED LEMON, ORANGE AND CITRON PEEL; ETC. Class 46.

237,511. "BARNETT'S RADIO LINIMENT" ETC. AND DRAWING. Registered Jan. 10, 1928. Geo. Benjamine Barnett, Estherwood, La. Renewed Jan. 10, 1948, to George B. Barnett & Sons, Crowley, La., a firm. LINIMENT FOR AN ANTISEPTIC AND GERMICIDE. Class 6.

237,924. WEAR-PLY. Registered Jan. 24, 1928. A. V. Victorius & Co., Inc. Renewed Jan. 24, 1948, to Burgio Bros., Inc., New York, N. Y., a corporation of New York. HOSIERY. Class 39.

238,892. SINE. Registered Feb. 14, 1928. Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Feb. 14, 1948. DENTISTS' INSTRUMENTS—NAMELY, HAND PIECES AND ANGLE PIECES. Class 44.

238,953. CANOVA. Registered Feb. 14, 1928. Maury-Cole Company. Renewed Feb. 14, 1948 (Supplemental Register), to Canova Foods, Incorporated, Memphis, Tenn., a corporation of Tennessee. VINEGAR. Class 46.

239,158. "LAVENDER WATER" ETC. AND DESIGN LINED FOR BLUE AND GOLD COLOR. Registered Feb. 21, 1928. Paul Peter Mülhens, doing business as Eau De Cologne- & Parfümerie- Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Feb. 21, 1948. LAVENDER WATER. Class 6.

239,573. "WUNDA WIPER" ETC. AND DESIGN. Registered Mar. 6, 1928. Charles Stephen Conlon, doing business as The Wunda Wiper Company. Renewed Mar. 6, 1948, to Edna K. Fay, Portsmouth, N. H. TREATED DUST CLOTHS. Class 4.

239,601. STYLE-TOWN. Registered Mar. 6, 1928. The Rosenbaum Company, Pittsburgh, Pa. Renewed Mar. 6, 1948, to I. Jablow & Co., Inc., Philadelphia, Pa., a corporation of Delaware. MEN'S AND BOYS' SUITS—NAMELY, COATS, VESTS, AND TROUSERS—AND OVERCOATS. Class 39.

240,376. THE BRAND YOU KNOW BY HART. Registered Mar. 27, 1928. W. R. Roach & Co., Grand Rapids, Mich. Renewed Mar. 27, 1948, to Stokely-Van Camp, Inc., Indianapolis, Ind., a corporation of Indiana. CANNED FOODS—NAMELY, ASPARAGUS, PEAS, CORN, LIMA BEANS, SUCCOTASH, WAX STRING BEANS, ETC. Class 46.

240,411. "INFECTACENE" ETC. AND DESIGN. Registered Mar. 27, 1928. Sarah B. Malone, Akron, Ohio. Renewed Mar. 27, 1948. GENERAL HEALING SALVE OR OINTMENT. Class 6.

240,885. "PEERLESS IMP" AND DRAWING. Registered Apr. 10, 1928. The Peerless Carbon Black Company, Pittsburgh, Pa., a corporation of West Virginia. Renewed Apr. 10, 1948. CARBON BLACK FOR GENERAL USE IN THE MANUFACTURE OF ADVERTISING SIGNS, ARTIFICIAL MARBLE, BLACKBOARDS, ETC. Classes 1 and 6.

240,936. FORBIDDEN FRUIT. Registered Apr. 10, 1928. Richard Frank, doing business as Richard Frank & Co., New York, N. Y. Renewed Apr. 10, 1948, to Max Ams, Incorporated, Long Island City, N. Y., a corporation of New York. FRUIT SYRUP IN THE NATURE OF SOFT DRINKS OR IN THE NATURE OF INGREDIENTS FOR USE IN MAKING SOFT DRINKS. Class 45.

242,373. CHARMCO. Registered May 22, 1928. Charleston Milling & Produce Company. Renewed May 22, 1948, to Charleston Milling Company, Charleston, W. Va., a corporation of West Virginia. STOCK AND POULTRY FEED. Class 46.

242,870. LYDIN. Registered June 5, 1928. The Harrower Laboratory, Inc., Wilmington, Del., and Glendale, Calif. Renewed June 5, 1948, to The Harrower Laboratory, Inc., Glendale, Calif., a corporation of Delaware. SOLUTION CONTAINING AN ACTIVE PRINCIPLE SECURED FROM THE INTERSTITIAL CELLS OF LEYDIG, A MEDICINAL PREPARATION FOR STIMULATING THE ENDOCRINE FUNCTIONING OF THE GONADS AND DEPENDENT ENDOCRINE ORGANS. Class 6.

243,081. MOTOR REGISTRATION NEWS. Registered June 12, 1928. Motor Registration News of California, Oakland, Calif., a corporation of California. Renewed June 12, 1948. PERIODICAL. Class 38.

243,543. HEBREW WORDS "ROKEACH'S KOSHER" ETC. AND DRAWING. Registered June 26, 1928. I. Rokeach & Sons, Inc., Brooklyn, N. Y., a corporation of New York. Renewed June 26, 1948. SOAP. Class 4.

243,654. THE NATIONAL WOOL GROWER. Registered June 26, 1928. The National Wool Growers Association, Salt Lake City, Utah, a corporation of Utah. Renewed June 26, 1948. PERIODICAL. Class 38.

243,815. AMERSOL. Registered July 3, 1928. American Solvents & Chemical Corporation, New York, N. Y. Renewed July 3, 1948, to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland. ALCOHOLIC LIQUORS—NAMELY, ETHYL ALCOHOL, PURE COMMERCIAL ETHYL ALCOHOL, AND ANHYDROUS ETHYL ALCOHOL. Class 49.

243,844. HART. Registered July 3, 1928. W. R. Roach & Co., Grand Rapids, Mich. Renewed July 3, 1948, to Stokely-Van Camp, Inc., Indianapolis, Ind., a corporation of Indiana. CANNED FRUITS, FISH AND VEGETABLES, CANNED HOMINY, AND CANNED SPAGHETTI. Class 46.

243,911. MAGNEX. Registered July 3, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed July 3, 1948, to McKesson & Robbins, Incorporated, New York, N. Y., a corporation of Maryland. MAGNESIUM HYDROXIDE. Class 6.

243,912. IBANA. Registered July 3, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed July 3, 1948, to Bristol-Myers Company, New York, N. Y., a corporation of Delaware. EYE-WASH. Class 6.

243,975. GLASCOTE. Registered July 3, 1928. The Glascote Company, Euclid, Ohio. Renewed July 3, 1948, to Glascote Products, Inc., Cleveland, Ohio, a corporation of Ohio. ENAMELED TANKS FOR USE IN THE MANUFACTURE, TRANSPORTATION, AND STORAGE OF LIQUID PRODUCTS. Class 2.

243,976. HEIDE'S. Registered July 3, 1928. Henry Heide, Incorporated, New York, N. Y., a corporation of New York. Renewed July 3, 1948. CANDIES OF ALL KINDS; CANDIED NUT PRODUCTS—NAMELY, CHOCOLATE COVERED NUTS, ETC. Class 46.

244,098. VAL-RIE. Registered July 10, 1928. Ida May Folsom, doing business as Mrs. George W. Folsom, McAllen, Tex. Renewed July 10, 1948, to Marie E. Warren, Pharr, Tex. PREPARATION FOR THE COMPLEXION. Class 6.

244,136. SALETO. Registered July 10, 1928. Albert Edward Mallard. Renewed July 10, 1948, to A. E. Mallard Laboratories, Inc., Detroit, Mich., a corporation of Michigan. TABLETS AND CAPSULES FOR THE RELIEF OF PAIN, COMPOSED OF ANTIPYRETIC, ANALGESIC, ANTI-RHEUMATIC; ETC. Class 6.

244,378. SUMMUM. Registered July 17, 1928. N. V. Nederlandsche Kunstzijdefabriek. Renewed July 17, 1948, to Algemeene Kunstzijde Unie N. V., Arnhem, Netherlands, a corporation organized under the laws of the Kingdom of the Netherlands. THREAD AND YARNS OF ARTIFICIAL SILK, COTTON, MERCERIZED COTTON, LINEN, WOOL, ARTIFICIAL WOOL, STAPLE FIBRES, SILK, AND MIXED FIBRES. Class 43.

244,453. TOP O' THE MORNIN. Registered July 17, 1928. Charles N. Lockwood. Renewed July 17, 1948, to Lawrence A. Lockwood, Chicago, Ill. CANNED COOKED FOOD CONSISTING OF CEREALS AND FRUIT. Class 46.

244,557. "LE PETIT CHAT" AND DRAWING. Registered July 24, 1928. The Larabee Flour Mills Company, Kansas City, Mo. Renewed July 24, 1948, to Commander-Larabee Milling Company, Minneapolis, Minn., a corporation of Delaware. WHEAT FLOUR. Class 46.

244,843. "NEW ZEALAND" AND REPRESENTATION OF A LEAF. Registered July 31, 1928. New Zealand Dairy-Produce Control Board. Renewed July 31, 1948, to The Government of the Dominion of New Zealand, Wellington, New Zealand. BUTTER AND CHEESE. Class 46.

245,062. "PETERSON'S" ETC. AND DESIGN LINED FOR ORANGE COLOR. Registered Aug. 7, 1928. The Peterson Nut Company, Cleveland, Ohio, a corporation of Ohio. Renewed Aug. 7, 1948. CANDIED AND SALTED NUTS AND NUTS IN THEIR NATURAL STATE. Class 46.

245,173. SUPREX. Registered Aug. 7, 1928. Hood Rubber Company, Watertown, Mass. Renewed Aug. 7, 1948, to The B. F. Goodrich Company, Akron, Ohio, a corporation of New York. RUBBER HEELS. Class 39.

245,176. RIBBONFOLD. Registered Aug. 7, 1928. Independent Paper Mills, Inc., Plattsburg and New York, N. Y. Renewed Aug. 7, 1948, to The Diamond Match Company, New York, N. Y., a corporation of Delaware. PAPER NAPKINS. Class 37.

245,401. JIFFY. Registered Aug. 14, 1928. Animal Trap Company of America, Lititz, Pa., a corporation of Pennsylvania. Renewed Aug. 14, 1948. TRAP SETTERS. Class 50.

245,545. "P" ENCLOSED BY KEYSTONE DESIGN. Registered Aug. 14, 1928. Pittsburgh Steel Company, Pittsburgh, Pa., a corporation of Pennsylvania. Renewed Aug. 14, 1948. WIRE LATH. Class 12.

245,683. PACIFIC PURCHASOR. Registered Aug. 21, 1928. Purchasing Agents' Association of Northern California, Incorporated, San Francisco, Calif., a corporation of California. Renewed Aug. 21, 1948. PERIODICALS ISSUED AT REGULAR INTERVALS. Class 38.

245,830. REPRESENTATION OF AN OX HEAD IN TREFOIL DESIGN. Registered Aug. 21, 1928. Oxo, Limited, London, England, a British company. Renewed Aug. 21, 1948. PREPARED OR PRESERVED MEATS IN TINS OR JARS—NAMELY, CORNED BEEF, POTTED BEEF, BRAISED BEEF, BEEF COLLOPS, ETC. Class 46.

245,903. CHO-CO. Registered Aug. 28, 1928. Carnation Milk Products Company, Oconomowoc, Wis., Chicago, Ill., and Seattle, Wash. Renewed Aug 28, 1948, to Cho-Cho Company, Los Angeles, Calif., a corporation of Delaware. CONCENTRATED SYRUP CONSISTING OF CHOCOLATE MALTED MILK. Class 46.

246,025. THREE SPIRES DESIGN. Registered Aug. 28, 1928. J & J Cash, Inc., South Norwalk, Conn., a corporation of Connecticut. Renewed Aug. 28, 1948. WOVEN LABELS OF COTTON AND SILK. Class 38.

246,326. "SOPRANA" AND DESIGN. Registered Sept. 4, 1928. Societa Ligure Lombairda Per Industrie Marmellate E. Conserve Alimentari, Voghera, Italy, a corporation organized under the laws of Italy. Renewed Sept. 4, 1948. PRESERVED VEGETABLES. Class 46.

246,412. "VANCORAM BRAND" AND DESIGN. Registered Sept. 4, 1928. Vanadium Corporation of America, Bridgeville, Pa. Renewed Sept. 4, 1948, to Vanadium Corporation of America, New York, N. Y., a corporation of Delaware. METALLIC OXIDES AND SALTS, AND ESPECIALLY OXIDES AND SALTS OF VANADIUM, MOLYBDENUM, TUNGSTEN, CHROMIUM, ETC. Class 6.

246,572. DELCO-REMY. Registered Sept. 11, 1928. Delco-Remy Corporation, Anderson, Ind., and Dayton, Ohio. Renewed Sept. 11, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. ELECTRICAL STARTING, LIGHTING, AND IGNITION APPARATUS AND PARTS THEREOF, FOR USE WITH THE ENGINES OF MOTOR-DRIVEN VEHICLES, MOTOR BOATS, ETC. Class 21.

246,584. "SKOOKUM" AND DRAWING. Registered Sept. 11, 1928. Fisher Flouring Mills Company, Seattle, Wash., a corporation of Washington. Renewed Sept. 11, 1948. WHEAT FLOUR. Class 46.

246,624. POLAR CUB. Registered Sept. 11, 1928. The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland. Renewed Sept. 11, 1948. ELECTRIC VIBRATORS AND ELECTRIC HAIR DRYERS. Class 44.

246,672. GRAYBAR. Registered Sept. 11, 1928. Graybar Electric Company, Inc., New York, N. Y., a corporation of New York. Renewed Sept. 11, 1948. DEAF SETS (PORTABLE TELEPHONE APPARATUS TO ASSIST THE DEAF IN HEARING). Class 44.

246,673. "GRAYBAR" AND DESIGN. Registered Sept. 11, 1928. Graybar Electric Company, Inc., New York, N. Y., a corporation of New York. Renewed Sept. 11, 1948. DEAF SETS (PORTABLE TELEPHONE APPARATUS TO ASSIST THE DEAF IN HEARING). Class 44.

246,674. "QUALITY" ON SHIELD AND BAR DESIGN. Registered Sept. 11, 1928. Graybar Electric Company, Inc., New York, N. Y., a corporation of New York. Renewed Sept. 11, 1948. DEAF SETS (PORTABLE TELEPHONE APPARATUS TO ASSIST THE DEAF IN HEARING). Class 44.

246,675. "GRAYBAR" ETC. WITH SHIELD AND BAR DESIGN. Registered Sept. 11, 1928. Graybar Electric Company, Inc., New York, N. Y., a corporation of New York. Renewed Sept. 11, 1948. DEAF SETS (PORTABLE TELEPHONE APPARATUS TO ASSIST THE DEAF IN HEARING). Class 44.

246,875. LIFEKOTE UNICRETE. Registered Sept. 18, 1928. The Union Products Company, Cleveland, Ohio, a corporation of Ohio. Renewed Sept. 18, 1948. ASPHALT COMPOUNDS FOR USE AS A FLOOR COVERING, ROOFING, AND WALL PROTECTION, AND TO BE INCORPORATED WITH PORTLAND CEMENT AND THE LIKE FOR USE AS A FLOORING MATERIAL, ETC. Class 12.

247,079. "CORDOBA" ETC. AND DESIGN. Registered Sept. 18, 1928. Carbonell y Ca. Renewed Sept. 18, 1948, to Carbonell y Compania de Cordoba S. A., Cordoba, Spain, a corporation organized under the laws of Spain. PURE OLIVE OIL. Class 46.

247,094. CERES. Registered Sept. 18, 1928. Georg Schicht A. G., Aussig, Czechoslovakia. Renewed Sept. 18, 1948, to Severoceske Tukove Zavody (Drive Jiri Schicht) Narodni Podnik, Usti nad Labem, Czechoslovakia, a national corporation. MARGARINE CONSISTING OF PURE COCOANUT FAT ONLY FOR COOKING PURPOSES. Class 46.

247,572. "GRIZZLY BEAR" ETC. AND REPRESENTATION OF A BEAR. Registered Oct. 2, 1928. John H. Turner. Renewed Oct. 2, 1948, to Grizzly Bear Brand Products Company, Stockton, Calif., a partnership. HORSE RADISH. Class 46.

247,620. MIRROR FRAME DESIGN ETC. Registered Oct. 2, 1928. The Mirror, New York, N. Y. Renewed Oct. 2, 1948, to Loft Candy Corporation, Long Island City, N. Y., a corporation of New York. CANDIES, BONBONS, PASTRY, CAKES, COOKIES, CRACKERS, ETC. Class 46.

247,712. "WIDMER'S" ETC. AND DESIGN LINED FOR BLUE. Registered Oct. 2, 1928. Widmer's Grape Products Industry. Renewed Oct. 2, 1948, to Widmer's Wine Cellars, Inc., Naples, N. Y., a corporation of New York. GRAPE JUICE. Class 45.

247,713. "AMERICAN BRAND" ETC. AND DESIGN LINED FOR RED AND BLUE. Registered Oct. 2, 1928. Widmer's Grape Products Industry. Renewed Oct. 2, 1948, to Widmer's Wine Cellars, Inc., Naples, N. Y., a corporation of New York. GRAPE JUICE. Class 45.

247,714. "DELAWARE BRAND" ETC. AND DESIGN. Registered Oct. 2, 1928. Widmer's Grape Products Industry. Renewed Oct. 2, 1948, to Widmer's Wine Cellars, Inc., Naples, N. Y., a corporation of New York. GRAPE JUICE. Class 45.

248,166. "NATIONAL STONE COMPANY" ETC. AND CIRCULAR DESIGN. Registered Oct. 16, 1928. National Stone Company, Kansas City, Mo., a corporation of Nebraska. Renewed Oct. 16, 1948. SAND, CLAY, AND VARIOUS GRADES OF STONE—NAMELY, RUBBLE, RIPRAP, CHIPPINGS, AND BROKEN OR CRUSHED STONE FOR CONCRETE WORK. Class 1.

249,236. "SILVER SLICE" ETC. AND DRAWING. Registered Nov. 13, 1928. Florida Fruit Canners, Inc. Renewed Nov. 13, 1948, to L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida. CANNED GRAPEFRUIT. Class 46.

249,586. AMOR SKIN. Registered Nov. 20, 1928. Amorskin Corporation, New York, N. Y. Renewed Nov. 20, 1948, to Perry N. Zang, Freeport, N. Y. SOAPS. Class 4.

249,618. "I. MILLER" ENCLOSED BY OVAL DESIGN. Registered Nov. 20, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Nov. 20, 1948. WOMEN'S AND MISSES' GLOVES OF LEATHER, FABRIC, AND/OR COMBINATIONS THEREOF; HOSIERY, HATS, SHOES, ETC. Class 39.

249,756. "WALKMORE" ETC. AND DESIGN. Registered Nov. 20, 1928. Nath'l Fisher & Co., New York, N. Y., a corporation of New York. Renewed Nov. 20, 1948. SHOES MADE WHOLLY OR IN PART OF LEATHER. Class 39.

249,775. AMOR SKIN. Registered Nov. 20, 1928. Amorskin Corporation, New York, N. Y. Renewed Nov. 20, 1948, to Perry N. Zang, Freeport, N. Y. FACE CREAM. Class 6.

249,783. FLORAMYE. Registered Nov. 20, 1928. L. T. Piver, Inc., Wilmington, Del., and New York, N. Y. Renewed Nov. 20, 1948, to L. T. Piver, Inc., New York, N. Y., a corporation of Delaware. SOAPS. Class 4.

249,784. "AZUREA" ETC. AND DESIGN. Registered Nov. 20, 1928. L. T. Piver, Inc., doing business as L. T. Piver and Parfumerie L. T. Piver, Wilmington, Del., and New York, N. Y. Renewed Nov. 20, 1948, to L. T. Piver, Inc., New York, N. Y., a corporation of Delaware. SACHET POWDERS, FACE POWDERS, AND TALCUM POWDERS. Class 6.

249,815. "CAPITOLIO" ETC. AND DRAWING. Registered Nov. 20, 1928. Nicholson File Company, Providence, R. I., a corporation of Rhode Island. Renewed Nov. 20, 1948. FILES AND RASPS. Class 23.

250,000. "JACK SPRAT" AND DRAWING. Registered Nov. 27, 1928. Western Grocer Company, Marshalltown, Iowa. Renewed Nov. 27, 1948, to Consolidated Grocers Corporation, Chicago, Ill., a corporation of Maryland. CANNED VEGETABLES—NAMELY, CARROTS, ONIONS, CANNED SAUERKRAUT JUICE, DILL PICKLES, ETC. Class 46.

250,030. A'LURE. Registered Nov. 27, 1928. Puritan Pharmaceutical Company. Renewed Nov. 27, 1948, to Puritan Drug Company, St. Louis, Mo., a corporation of Missouri. COMPLEXION POWDER, CLEANSING CREME, TISSUE CREME, ETC. Class 6.

250,101. "CREAM DOVE" AND REPRESENTATION OF DOVE AND DESIGN. Registered Nov. 27, 1928. Cream Dove Mfg. Co., Inc., Binghamton, N. Y., a corporation of New York. Renewed Nov. 27, 1948. COOKING COMPOUNDS, COMPOSED OF COTTONSEED OIL, OLEOSTEARINE, AND BEEF FATS; SALAD DRESSING, AND PREPARED MUSTARD. Class 46.

250,260. "JEDDO & HIGHLAND COAL" ETC. AND DESIGN. Registered Dec. 4, 1928. Jeddo-Highland Coal Company, Jeddo, Pa., a corporation of Pennsylvania. Renewed Dec. 4, 1948. COAL. Class 1.

250,675. LUBRI-KIT. Registered Dec. 11, 1928. The Bennett Pumps Corporation, Muskegon, Mich. Renewed Dec. 11, 1948, to John Wood Manufacturing Company, Inc., Muskegon Heights, Mich., a corporation of Delaware. COMBINED LUBRICANT TANK AND NONMEASURING PUMP. Class 23.

250,843. "DITTO PENORTYPE" AND CIRCULAR DESIGN. Registered Dec. 18, 1928. Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia. Renewed Dec. 18, 1948. PAPER FOR STATIONERY USE FOR BUSINESS FORMS PRINTED WITH STANDARD BUSINESS INK AND ALSO PRINTED WITH DITTO OR HECTOGRAPH INK; ETC. Class 37.

250,912. "GINTER PARK" AND DESIGN. Registered Dec. 18, 1928. Etchison Hat Co., Inc., Richmond, Va., a corporation of Virginia. Renewed Dec. 18, 1948. HATS AND CAPS OF ALL KINDS FOR MEN, WOMEN, AND CHILDREN. Class 39.

251,039. D. Registered Dec. 25, 1928. The Drackett Chemical Company. Renewed Dec. 25, 1948, to The Drackett Company, Cincinnati, Ohio, a corporation of Ohio. EPSOM SALT. Class 6.

251,069. "COLIT" ETC. AND LABEL DESIGN. Registered Dec. 25, 1928. Alexander Nazaroff, New York, N. Y. Renewed Dec. 25, 1948. LINIMENTS FOR RELIEVING THE PAINS OF MUSCULAR RHEUMATISM, LUMBAGO AND OTHER NAMED AILMENTS. Class 6.

251,101. LOXOL. Registered Dec. 25, 1928. F. Ad. Richter & Co. of New York, now by change of name Fadrich Corporation, assignor to F. Ad. Richter & Co., Inc. Renewed Dec. 25, 1948, to F. Ad. Richter & Co. Inc., Brooklyn, N. Y., a corporation of New York. LINIMENT FOR RHEUMATISM, GOUT, NEURALGIA, LUMBAGO, COLDS, SPRAINS, BRUISES, CRAMPS IN THE STOMACH, AND SIMILAR AILMENTS. Class 6.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC

157,721. "A B C" ETC. AND CIRCULAR DESIGN. Registered Aug. 15, 1922. Naamlooze Vennootschap Maatschappij voor Wasverwerking, Amsterdam, Netherlands. ALL KINDS OF BOOT POLISH. Class 4. Corrected as follows: In the renewal certificate, line 2, for "Amsterdam, Netherlands," read *Amersfoort, Netherlands.*

205,305. CURVFIT. Registered Nov. 3, 1925. Curvfit Razor Company, Inc., New York, N. Y. RAZORS. Class 23. Corrected as follows: In the renewal certificate, line 2, State of incorporation, for "Connecticut" read *Delaware.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 2

RECEPTACLES

Reg. No. 193,312. Registered Dec. 23, 1924. KAUSTINE COMPANY, INC., Buffalo, N. Y. Republished by Master Metal Products, Inc. Buffalo, N. Y., a corporation of New York.

KITCH-KAN

FOR GARBAGE CANS.
Claims use since July 29, 1924.

Reg. No. 214,562. Registered June 29, 1926. MASTER METAL PRODUCTS, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.

RECEPTO-KAN

The word "Kan" is disclaimed apart from the mark as shown.
FOR GARBAGE AND WASTE CANS.
Claims use since Aug. 1, 1925.

Reg. No. 284,752. Registered July 7, 1931. MASTER METAL PRODUCTS, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.

KIDDIE KAN

The word "Kan" is disclaimed apart from the mark as shown.
FOR COVERED CANS FOR NURSERY, BATH AND LAVATORY USE, FOR LAUNDRY AND WASHING PURPOSES AND FOR WASTE MATERIALS GENERALLY.
Claims use since about Oct. 20, 1930.

Reg. No. 298,571. Registered Nov. 1, 1932. MASTER METAL PRODUCTS, INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.

MASTER

FOR UTILITY CHESTS.
Claims use since about Apr. 30, 1932.

Reg. No. 306,104. Registered Sept. 5, 1933. DIXIE WAX PAPER COMPANY, Dallas, Tex., a corporation of Texas. Republished by registrant, present location Dallas, Tex., and Memphis, Tenn.

Fresheen

FOR PAPER BAGS FOR POTATO CHIPS, BREAD, CAKES, CANDIES, AND NUTS.
Claims use since Feb. 22, 1933.

Reg. No. 328,070. Registered Sept. 17, 1935. DIXIE WAX PAPER COMPANY, Memphis, Tenn., and Dallas, Tex., a corporation of Texas. Republished by registrant.

Celoshine

FOR MOISTURE AND MOISTURE VAPOR PROOF PAPER BAGS.
Claims use since May 1, 1935.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 291,151. Registered Feb. 2, 1932. HAHN DEPARTMENT STORES, INC., Wilmington, Del. Republished by Allied Stores Corporation, New York, N. Y., a corporation of Delaware.

Mardav

FOR WOMEN'S HAND BAGS OF ALL KINDS, INCLUDING LEATHER, IMITATION LEATHER, REPTILE SKIN, FABRIC, STRAW, BEAD, METAL, ETC.
Claims use since July 21, 1931.

Reg. No. 402,397. Registered July 20, 1943. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

WEST-CRAFT

The word "West" is disclaimed apart from the mark as shown.
FOR SUIT CASES, OVERNIGHT CASES, VANITY CASES, PULLMAN CASES, HAT CASES, SHOE CASES, COMBINATION HAT AND SHOE CASES, SINGLE AND MULTIPLE WARDROBES, AND GLADSTONE BAGS.
Claims use since July 8, 1942.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 139,500. Registered Feb. 8, 1921. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a corporation of New York. Republished by registrant.

Little Injun

FOR RAZOR-STROPS AND RAZOR-HONES.
Claims use since Oct. 13, 1919.

Reg. No. 253,177. Registered Feb. 19, 1929. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.

MENTHOL-ICED

The word "Menthol" is disclaimed apart from the mark as shown.
FOR SHAVING CREAM FOR PREPARING THE BEARD FOR SHAVING.
Claims use since Aug. 30, 1928.

Reg. No. 260,981. Registered Sept. 3, 1929. NOURSE OIL COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

NEATSLENE

FOR WATERPROOFING AND SOFTENING GREASES AND OILS FOR LEATHER.
Claims use since Feb. 1, 1928.

Reg. No. 320,843. Registered Jan. 8, 1935. THE EXOLON COMPANY, Blasdell, N. Y., a corporation of Massachusetts. Republished by registrant, present location Tonawanda, N. Y.

FASTBLAST

FOR ARTIFICIAL ABRASIVE GRAINS.
Claims use since June 11, 1934.

Reg. No. 332,105. Registered Feb. 4, 1936. THE EXOLON COMPANY, Blasdell, N. Y., a corporation of Massachusetts. Republished by registrant, present location Tonawanda, N. Y.

LITH-ABRASIV

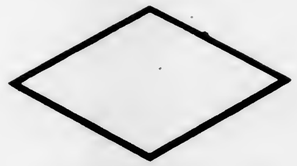
The word "Abrasiv" is disclaimed apart from the mark as shown.
FOR FUSED ALUMINOUS OXIDE GRAINS USED AS AN ABRASIVE.
Claims use since Aug. 26, 1935.

Reg. No. 349,693. Registered Aug. 31, 1937. RECORD SUPPLY CORPORATION, Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

Moon Rose

FOR TOILET SOAP.
Claims use since Feb. 19, 1936.

Reg. No. 401,970. Registered June 22, 1943. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware.



FOR CLEANING AND WASHING COMPOUNDS CONSISTING OF LAUNDRY SOURS, SILICATED ALKALIS, CONTAINING SODIUM OXIDE AND SILICA, ALKALIS CONTAINING SODIUM COMPOUNDS, DRY CLEANERS, LAUNDRY SODAS, CLEANERS AND CLEANSERS, ALL OF WHICH ARE FOR GENERAL LAUNDRY USE.
Claims use since 1912.

Reg. No. 402,350. Registered July 13, 1943. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware.



FOR LAUNDRY SOURS, SILICATED ALKALIS CONTAINING SODIUM OXIDE AND SILICA, ALKALIS CONTAINING SODIUM COMPOUNDS, LAUNDRY SODAS, CLEANERS AND CLEANSERS AND LIQUID BLUE FOR USE IN TREATING WATER.
Claims use since 1912.

Reg. No. 411,282. Registered Jan. 9, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

PARALATE

FOR LAUNDRY DETERGENT FOR WASHING TEXTILES AND FOR WASHING OTHER OBJECTS AND ARTICLES.
Claims use since July 10, 1944.

Reg. No. 415,659. Registered Aug. 14, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

HYDROBREAK

FOR LAUNDRY DETERGENT FOR WASHING TEXTILES AND FOR WASHING OTHER OBJECTS AND ARTICLES.
Claims use since September 1943.

Reg. No. 415,660. Registered Aug. 14, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

SESQUILATE

FOR LAUNDRY DETERGENT FOR WASHING TEXTILES AND FOR WASHING OTHER OBJECTS AND ARTICLES.
Claims use since Dec. 8, 1944.

Reg. No. 432,852. Registered Sept. 16, 1947. AVON PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

WHITE MOIRÉ

The word "White" is disclaimed apart from the mark as shown.
FOR TOILET SOAPS.
Claims use since Aug. 6, 1945.

CLASS 5
ADHESIVES

Reg. No. 299,976. Registered Jan. 3, 1933. CARL W. RENSTROM, doing business as Tip-Top Products Co., Omaha, Nebr. Republished by Tip-Top Products Company, Omaha, Nebr., a corporation of Nebraska.

TIP-TOP

FOR LIQUID SOLDER (A FLUID, METALLIZED, ADHESIVE CEMENT).
Claims use since July 1931.

Reg. No. 335,485. Registered June 2, 1936. C. W. RENSTROM, doing business as Tip-Top Products Company, Omaha, Nebr. Republished by Tip-Top Products Company, Omaha, Nebr., a corporation of Nebraska.

FOR LIQUID SOLDER (A FLUID, METALLIZED, ADHESIVE CEMENT).
Claims use since May 9, 1933.

Reg. No. 378,782. Registered June 18, 1940. THE INSULITE COMPANY, Minneapolis, Minn. Republished by Minnesota and Ontario Paper Company, Minneapolis, Minn., a corporation of Minnesota.

INSULITE

FOR ELASTIC, PLIABLE, AND FLEXIBLE ADHESIVE TO BE USED FOR SECURING VEGETABLE FIBERBOARD, BLOCK, TILE AND THE LIKE TO WALLS AND CEILINGS.
Claims use since Jan. 2, 1940.

CLASS 6
CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 44,420. Registered July 4, 1905. DIOS CHEMICAL COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

DIOVIBURNIA

FOR MEDICAL PREPARATION FOR UTERINE DISEASES.
Claims use since Apr. 6, 1888.

Reg. No. 89,231. Registered Dec. 3, 1912. JAY V. DANIELS, Chicago, Ill. Republished by Dearborn Supply Company, Chicago, Ill., a corporation of Illinois.

Mercolized

FOR OINTMENT OR CREAM FOR THE COMPLEXION.
Claims use since Apr. 1, 1911.

Reg. No. 199,726. Registered June 16, 1925. CHERAMY, INC., New York, N. Y. Republished by Houbigant Inc., New York, N. Y., a corporation of New York.

FESTIVAL

FOR PERFUME, TOILET WATER, VEGETAL, EAU DE COLOGNE, SACHET, DUSTING POWDER, TALCUM POWDER, FACE POWDER, BRILLIANTINE, BATH SALTS, COLD CREAM, ROUGE AND SKIN LOTION.
Claims use since Dec. 15, 1924.

Reg. No. 205,846. Registered Nov. 17, 1925. JASON J. KITTESS, Los Angeles, Calif. Republished by Chlorine Solutions, Inc., Los Angeles, Calif., a corporation of California.

SUREWHITE



The words "The Original Bleach" are disclaimed apart from the mark as shown.
FOR BLEACHING FLUID.
Claims use since June 13, 1925.

Reg. No. 209,297. Registered Feb. 23, 1926. ACHILLE BRIOSCHI & Co. INC., New York, N. Y., a corporation of New York. Republished by registrant.

BRIOSCHI

FOR EFFERVESCENT BEVERAGE SALTS.
Claims use since about 1880.

Reg. No. 209,298. Registered Feb. 23, 1926. ACHILLE BRIOSCHI & Co. INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR EFFERVESCENT BEVERAGE SALTS.
Claims use since about 1880.

Reg. No. 212,380. Registered May 4, 1926. REED & CARNRICK, Jersey City, N. J., a corporation of New Jersey. Republished by registrant.



FOR ANTI-DYSPEPTIC PREPARATION CONSISTING OF A COMBINATION OF ALL THE HORMONES, ENZYMES, AND INTERNAL SECRETIONS FOUND IN THE SALIVARY, PEPTIC, PANCREATIC, SPLENIC, AND INTESTINAL GLANDS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since 1923.

Reg. No. 222,693. Registered Jan. 4, 1927. WALTER J. BECKER, doing business as Becker's Drug Store, Amsterdam, N. Y. Republished by Robert Z. Lindsay, New York, N. Y.



The words "Borated Jelly" are disclaimed apart from the mark as shown.
FOR SKIN LOTION.
Claims use since Jan. 1, 1910.

Reg. No. 239,568. Registered Mar. 6, 1928. THE C. B. DOLGE COMPANY, Westport, Conn., a corporation of Connecticut. Republished by registrant.

DEOD-O-ROMA

FOR DEODORIZING BLOCS.
Claims use since January 1927.

Reg. No. 270,807. Registered May 13, 1930. ELMO, INCORPORATED, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

MIOSOTYS

FOR ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, CLEANSING CREAMS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Sept. 10, 1929.

Reg. No. 273,217. Registered July 22, 1930. DOROTHY E. JOHNSON, Detroit, Mich. Republished by Morton Manufacturing Corporation, Lynchburg, Va., a corporation of Virginia.



The words "For Chaps" are disclaimed apart from the mark as shown.
FOR SKIN CREAMS AND SKIN LOTIONS.
Claims use since Feb. 24, 1930.

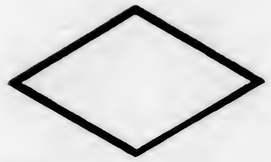
Reg. No. 278,007. Registered Dec. 2, 1930. CAREY SALT CO., Hutchinson, Kans. Republished by The Carey Laboratories Corporation, Hutchinson, Kans., a corporation of Kansas.

MEDISALT



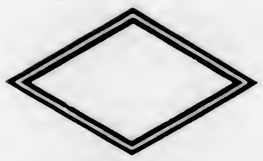
FOR SALT.
Claims use since Oct. 26, 1929.

Reg. No. 280,638. Registered Feb. 24, 1931. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



FOR CHLORINE.
Claims use since Jan. 12, 1929.

Reg. No. 282,927. Registered May 5, 1931. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



FOR SODIUM BICARBONATE.
Claims use since September 1919.

Reg. No. 289,043. Registered Nov. 17, 1931. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TRANSPARENCE

FOR FACE POWDER, TALCUM POWDER, BATH SALTS, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, POWDER AND ROUGE COMPACTS.
Claims use since Apr. 10, 1931.

Reg. No. 290,635. Registered Jan. 12, 1932. ELMO, INCORPORATED, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, CLEANSING CREAMS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Sept. 10, 1929.

Reg. No. 291,457. Registered Feb. 9, 1932. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PLEIN ÉTÉ

FOR PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND EAU VEGETAL.
Claims use since Sept. 5, 1931.

Reg. No. 295,771. Registered July 12, 1932. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CONTRASTE

FOR PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND EAU VEGETAL.
Claims use since Feb. 11, 1932.

Reg. No. 299,131. Registered Nov. 22, 1932. MULTIGRAPH COMPANY, Wilmington, Del., and Cleveland, Ohio. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

BLANKDUST

FOR MATERIALS FOR PRESERVING THE BLANKETS OF PRINTING MACHINES.
Claims use since Jan. 14, 1932.

Reg. No. 309,266. Registered Jan. 9, 1934. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

PRESENCE

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND VEGETAL.
Claims use since Aug. 10, 1933.

Reg. No. 337,819. Registered Aug. 18, 1936. LINDSAY RIPE OLIVE COMPANY, Lindsay, Calif., a corporation of California. Republished by registrant.



The outline of the label and the word "Olive" are disclaimed apart from the mark as shown.
FOR SCALP AND SKIN LOTION.
Claims use since November 1935.

Reg. No. 339,090. Registered Sept. 22, 1938. LINDSAY RIPE OLIVE COMPANY, Lindsay, Calif., a corporation of California. Republished by registrant.



FOR SCALP AND SKIN LOTION.
Claims use since November 1935.

Reg. No. 342,308. Registered Jan. 12, 1937. LINDSAY RIPE OLIVE COMPANY, Lindsay, Calif., a corporation of California. Republished by registrant.

DON LINROCO

FOR SCALP AND SKIN LOTION.
Claims use since July 1, 1936.

Reg. No. 349,940. Registered Sept. 14, 1937. MORTON G. NEUMANN, doing business as Valmor Products Co., Chicago, Ill. Republished by Valmor Products Co., Chicago, Ill., a corporation of Illinois.



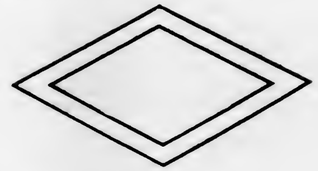
FOR ALL THE GOODS LISTED IN THE ORIGINAL REGISTRATION.
Claims use since Dec. 14, 1936.

Reg. No. 358,165. Registered June 28, 1938. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.



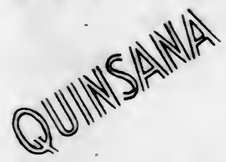
FOR TOILET AND TALCUM POWDER, ANTISEPTIC POWDER, LIQUID SKIN LOTION, CREAM SKIN LOTION, AND ANTISEPTIC OIL FOR THE PROTECTION OF THE SKIN.
Claims use since January 1926.

Reg. No. 365,394. Registered Mar. 7, 1939. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



FOR CARBON TETRACHLORIDE.
Claims use since Aug. 1, 1937.

Reg. No. 368,070. Registered June 6, 1939. THE MENNEN COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.



FOR MEDICATED POWDER TO BE USED FOR THE TREATMENT OF ATHLETE'S FOOT AND AS A DEODORANT POWDER.
Claims use since Jan. 4, 1939.

Reg. No. 380,428. Registered Aug. 20, 1940. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TRANSLUCIDE

FOR PERFUME, TOILET WATER, SKIN LOTION, COLD CREAM, FACE POWDER, SACHETS, DUSTING POWDER, TALCUM POWDER, COMPACT POWDER, COMPACT ROUGE, BATH SALTS, BRILLIANTINE, LIPSTICK, AND BANDOLINE.
Claims use since Mar. 27, 1940.

Reg. No. 381,091. Registered Sept. 10, 1940. RECORD SUPPLY CORPORATION, Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

NU-CLOZ

FOR HOUSEHOLD AND CLOTHES BLEACH.
Claims use since Mar. 1, 1938.

Reg. No. 382,427. Registered Oct. 29, 1940. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

LILAC TIME

FOR PERFUME EXTRACT AND TOILET WATER, ROUGE, LOTION SOLID BRILLIANTINE, COMPACT POWDER, COLD CREAM, DUSTING POWDER, LIPSTICK, LIQUID BRILLIANTINE, FACE POWDER, BANDOLINE, SACHET, BATH SALTS, EAU DE COLOGNE, TALCUM.
Claims use since 1925.

Reg. No. 385,912. Registered Mar. 25, 1941. VIOBIN CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Monticello, Ill.

REX

FOR WHEAT GERM OIL FOR USE AS A SUPPLEMENT TO ANIMAL FOODS.
Claims use since Dec. 1, 1937.

Reg. No. 391,719. Registered Nov. 18, 1941. GEORGE H. HELMER, doing business as Badger Gas Products, Platteville, Wis. Republished by Grace Helmer, executrix of the estate of George H. Helmer, Platteville, Wis.

BADGER GAS

The word "Gas" is disclaimed apart from the mark as shown.
FOR LIQUEFIED PETROLEUM GAS.
Claims use since Jan. 10, 1939.

Reg. No. 392,383. Registered Dec. 23, 1941. THE DU-LITE CHEMICAL CORPORATION, Middletown, Conn., a corporation of Connecticut. Republished by registrant.



The words "Steel Coloring Process" are disclaimed apart from the mark as shown.
FOR SPECIALLY PREPARED CHEMICAL COMPOUND EMBODYING A COMBINATION OF NITRATES AND HYDROXIDES, AND PARTICULARLY USEFUL AS A CHEMICAL REACTOR IN A SPECIAL PROCESS FOR COLORING STEEL.
Claims use since Jan. 1, 1939.

Reg. No. 395,680. Registered June 2, 1942. WISHNICK-TUMPEER, INC., Chicago, Ill. Republished by Witco Chemical Company, Chicago, Ill., a corporation of Illinois.

WITCARB

FOR PRECIPITATED CALCIUM CARBONATE.
Claims use since September 1940.

Reg. No. 396,232. Registered June 30, 1942. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, Ohio, a corporation of Delaware. Republished by registrant.

SEALINX

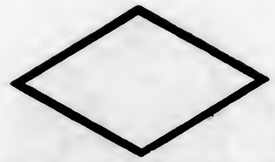
FOR MATERIALS AND SOLUTIONS FOR TREATING PRINTING PLATES TO PREPARE AND PRESERVE REPRODUCIBLE IMAGES THEREON.
Claims use since on or about Aug. 30, 1934.

Reg. No. 401,970. Registered June 22, 1943. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



FOR CLEANING AND WASHING COMPOUNDS CONSISTING OF LAUNDRY SOURS, SILICATED ALKALIS, CONTAINING SODIUM OXIDE AND SILICA, ALKALIS CONTAINING SODIUM COMPOUNDS, DRY CLEANERS, LAUNDRY SODAS, CLEANERS AND CLEANSERS, ALL OF WHICH ARE FOR GENERAL LAUNDRY USE.
Claims use since 1912.

Reg. No. 402,350. Registered July 13, 1943. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



FOR LAUNDRY SOURS, SILICATED ALKALIS CONTAINING SODIUM OXIDE AND SILICA, ALKALIS CONTAINING SODIUM COMPOUNDS, LAUNDRY SODAS, CLEANERS AND CLEANSERS AND LIQUID BLUE FOR USE IN TREATING WATER.
Claims use since 1912.

Reg. No. 415,684. Registered Aug. 14, 1945. THOMAS C. GIAIMO, doing business as Vanisorb Laboratories, Hoboken, N. J. Republished by registrant.

VANISORB

FOR BASE MATERIALS FOR PHARMACEUTICAL AND COSMETIC CREAMS.
Claims use since July 15, 1943

Reg. No. 415,958. Registered Aug. 21, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

CARBO-SOUR

The word "Sour" is disclaimed apart from the mark as shown.
FOR LAUNDRY SOUR.
Claims use since June 3, 1940.

Reg. No. 415,959. Registered Aug. 21, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



The word "Sour" is disclaimed apart from the mark as shown.
FOR LAUNDRY SOUR.
Claims use since June 3, 1940.

Reg. No. 415,960. Registered Aug. 21, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

ECONO-SOUR

The word "Sour" is disclaimed apart from the mark as shown.
FOR LAUNDRY SOUR.
Claims use since June 3, 1940.

Reg. No. 415,962. Registered Aug. 21, 1945. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

SEPTO-SOUR

The word "Sour" is disclaimed apart from the mark as shown.
FOR LAUNDRY SOUR.
Claims use since June 3, 1940.

Reg. No. 420,478. Registered Apr. 16, 1946. DIAMOND ALKALI COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.



FOR CHLORINATED PARAFFIN WAX.
Claims use since Aug. 26, 1944.

Reg. No. 432,880. Registered Sept. 16, 1947. AVON PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

POST OFFICE RED

The word "Red" is disclaimed apart from the mark as shown.
FOR LIPSTICK, ROUGE AND NAIL POLISH.
Claims use since May 10, 1946.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Reg. No. 184,790. Registered June 3, 1924. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

KETTLE'S PIPE

The word "Pipe" is disclaimed apart from the mark as shown.
FOR PIPES.
Claims use since Oct. 25, 1922.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 382,397. Registered Oct. 29, 1940. WESTERN AUTO SUPPLY COMPANY, doing business as Western Auto Stores, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Tru-Shot

The word "Shot" is disclaimed apart from the mark as shown.

FOR FIREARMS AND MORE PARTICULARLY RIFLES AND SHOTGUNS, AND AMMUNITION, AND MORE PARTICULARLY CARTRIDGES AND SHOT SHELLS.

Claims use since on or about Oct. 24, 1939.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 364,547. Registered Feb. 7, 1939. STANDARD MANIFOLD COMPANY, Chicago, Ill. Republished by Standard Manifold Company, Chicago, Ill., a corporation of Illinois.

STAMCO

FOR CARBON PAPER, INKED RIBBONS, MANIFOLDING CARBON PAPER, ROLL CARBON PAPER AND DUPLICATING FLUID FOR LIQUID PROCESS DUPLICATING MACHINES.

Claims use since on or about Aug. 15, 1930.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 161,832. Registered Nov. 21, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.

RUTLAND

FOR PATCHING PLASTER FOR WALLS, LIQUID ROOF CEMENT, NOW CALLED "ROOF COATING," PLASTIC ROOFING CEMENT, PASTE PIPE-JOINT CEMENT, AND BOILER COVERING.

Claims use since some time in 1905.

Reg. No. 214,323. Registered June 22, 1926. THE EXOLON COMPANY, Blasdell, N. Y., a corporation of Massachusetts. Republished by registrant, present location Tonawanda, N. Y.

MULLEX

FOR REFRACTORY MATERIALS, PARTICULARLY ARTIFICIAL MULLITE.

Claims use since about Sept. 1, 1925.

Reg. No. 235,387. Registered Nov. 15, 1927. STANDARD PORTLAND CEMENT COMPANY, Cleveland, Ohio. Republished by Diamond Alkali Company, Pittsburgh, Pa., a corporation of Delaware.



FOR PORTLAND CEMENT.

Claims use since June 24, 1925.

Reg. No. 236,844. Registered Dec. 27, 1927. NATIONAL STEEL FABRIC COMPANY, Pittsburgh, Pa. Republished by Pittsburgh Steel Products Company, Pittsburgh, Pa., a corporation of Pennsylvania.

STEELTEX

FOR REENFORCEMENT MATERIAL FOR PLASTER AND CEMENT INCLUDING WIRE FABRIC HAVING A PAPER BACKING.

Claims use since on or about June 15, 1927.

Reg. No. 364,702. Registered Feb. 14, 1939. LADD LIME AND STONE COMPANY, Cartersville, Ga., a corporation of Georgia. Republished by registrant.

Ladco

FOR MASONS' HYDRATED LIME, LUMP LIME, AND PULVERIZED QUICKLIME.

Claims use since 1911.

Reg. No. 367,817. Registered May 30, 1939. LADD LIME AND STONE COMPANY, Cartersville, Ga., a corporation of Georgia. Republished by registrant.

Bondo

FOR MASONRY MORTAR.

Claims use since October 1937.

Reg. No. 386,256. Registered Apr. 1, 1941. NATIONAL POLE AND TREATING COMPANY, Minneapolis, Minn. Republished by Minnesota and Ontario Paper Company, Minneapolis, Minn., a corporation of Minnesota.



The words "Super Cedar" are disclaimed apart from the mark as shown.

FOR TREATED CEDAR POLES.

Claims use since June 1940.

Reg. No. 387,134. Registered May 6, 1941. THE INSULITE COMPANY, Minneapolis, Minn. Republished by Minnesota and Ontario Paper Company, Minneapolis, Minn., a corporation of Minnesota.

ACOUSTILITE

FOR FIBER BOARD USED FOR SOUND DEADENING AND SOUND ABSORBING PURPOSES.

Claims use since Jan. 19, 1929.

Reg. No. 401,062. Registered Apr. 20, 1943. LOCKPORT COTTON BATTING CO., Lockport, N. Y., a corporation of New York. Republished by registrant.

Lo-K

FOR FIRE-PROOFED COTTON SHEET INSULATION MATERIAL.

Claims use since Sept. 5, 1942.

Reg. No. 407,670. Registered June 20, 1944. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

WESCOTE

FOR ASPHALT FELT ROLL ROOFING AND SHINGLES.

Claims use since Nov. 19, 1942.

Reg. No. 432,109. Registered Aug. 19, 1947. NATIONAL SCREEN COMPANY, INC., Suffolk, Va., a corporation of Virginia. Republished by registrant.

NATIONAL

FOR WINDOW SCREENS OF THE BUILT-IN TYPE AND SCREEN DOORS.

Claims use since 1937.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 51,556. Registered Apr. 17, 1906. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

MORAN'S

FOR BELT COUPLINGS.

Claims use since on or about Jan. 1, 1875.

Reg. No. 120,218. Registered Jan. 15, 1918. PURO SANITARY DRINKING FOUNTAIN CO., Haydenville, Mass. Republished by Reuben B. Hills, Haydenville, Mass.

PURO

FOR DRINKING FOUNTAINS AND PARTS THEREOF INTENDED FOR HUMAN BEINGS.

Claims use since Dec. 22, 1910.

Reg. No. 340,238. Registered Nov. 3, 1936. THE FLEX-O-TUBE CO., Detroit, Mich. Republished by Flex-O-Tube Company, Detroit, Mich., a corporation of Illinois.

FLEX-O-TUBE

The word "Tube" is disclaimed apart from the mark as shown.

FOR METALLIC HOSE COUPLINGS.

Claims use since Nov. 15, 1927.

Reg. No. 410,910. Registered Dec. 26, 1944. DARLING VALVE & MANUFACTURING COMPANY, Williamsport, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Trade Mark" are disclaimed apart from the mark as shown.

FOR METAL BOX STRAPPING.

Claims use since May 5, 1944.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 383,485. Registered Dec. 10, 1940. BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis., a corporation of Wisconsin. Republished by registrant.



FOR CASTINGS OF FERROUS METAL.
Claims use since on or about Nov. 7, 1939.

CLASS 15

OILS AND GREASES

Reg. No. 241,471. Registered May 1, 1928. PENNSYLVANIA REFINING COMPANY, Karns City, Pa., a corporation of Pennsylvania. Republished by registrant, present location Butler, Pa.



FOR MOTOR OILS.
Claims use since June 1, 1924.

Reg. No. 279,339. Registered Jan. 13, 1931. NOURSE OIL COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

NOURSITE

FOR MOTOR-LUBRICATING OILS AND GREASES.
Claims use since July 1925.

Reg. No. 348,947. Registered Aug. 17, 1937. PENNSYLVANIA REFINING COMPANY, Butler, Pa., a corporation of Pennsylvania. Republished by registrant.

INSECTI-SOL

FOR DEODORIZED KEROSENE.
Claims use since July 1, 1935.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 166,201. Registered Mar. 27, 1923. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.

RUTLAND

FOR STOVEPIPE PAINT ENAMEL NOW CALLED "BLACK ENAMEL," ASPHALT ROOF PAINT NOW CALLED "ASPHALT PAINT," AND TINNERS' RED ROOF PAINT NOW CALLED "RED METAL ROOF PAINT."
Claims use since some time in 1913.

Reg. No. 203,402. Registered Sept. 15, 1925. C. M. KIMBALL CO., Winthrop, Mass., a corporation of Massachusetts. Republished by registrant, present location Boston, Mass.

RED CAP

FOR FURNITURE POLISH.
Claims use since Jan. 6, 1925.

Reg. No. 203,403. Registered Sept. 15, 1925. C. M. KIMBALL CO., Winthrop, Mass., a corporation of Massachusetts. Republished by registrant, present location Boston, Mass.



The representation of a container cover or cap is disclaimed apart from the mark as shown. The cap or color is lined for the color red.
FOR FURNITURE POLISH.
Claims use since Jan. 6, 1925.

Reg. No. 239,060. Registered Feb. 21, 1928. WM. ZINSSER & CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

BULLS-I-NAMEL

FOR SHELLAC ENAMEL.
Claims use since Sept. 23, 1927.

CLASS 17

TOBACCO PRODUCTS

Reg. No. 432,256. Registered Aug. 26, 1947. CHRISTIAN PEPER TOBACCO COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

FIFTH AVENUE

FOR CIGARETTES AND SMOKING TOBACCO.
Claims use since on or about Jan. 24, 1905.

CLASS 19

VEHICLES

Reg. No. 196,094. Registered Mar. 10, 1925. BOND FOUNDRY AND MACHINE COMPANY, Manheim, Pa., a corporation of Pennsylvania. Republished by registrant.



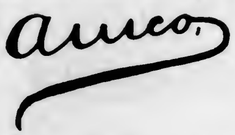
The representation of the goods and the words "Strength and Durability" are disclaimed apart from the mark as shown.
FOR TRUCK CASTERS.
Claims use since Aug. 25, 1924.

Reg. No. 210,390. Registered Mar. 16, 1926. ADOLPH SAURER, INC., New York, N. Y. Republished by Societe Anonyme Adolphe Saurer, Arbon, Switzerland, a corporation of Switzerland.



No claim is made to the word "Saurer" except in the distinctive manner in which it is shown in the drawing.
FOR TRUCKS AND PASSENGER AUTOMOBILES, AUTOMOBILE WHEELS, RADIATORS, CHASSIS, BODIES AND PARTS THEREOF.
Claims use since Mar. 15, 1923.

Reg. No. 227,361. Registered May 3, 1927. ASBESTOS MANUFACTURING COMPANY, Huntington, Ind., a corporation of Indiana. Republished by registrant.



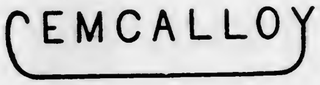
FOR ASBESTOS BRAKE LININGS, ASBESTOS BRAKE BLOCKS, ASBESTOS CLUTCH FACINGS, AND ASBESTOS DISKS.
Claims use since May 1, 1925.

Reg. No. 314,283. Registered June 26, 1934. BOND FOUNDRY AND MACHINE COMPANY, Manheim, Pa., a corporation of Pennsylvania. Republished by registrant.



The representation of a caster and the words "Reg. U. S. Pat. Off." and "Truck Casters" are disclaimed apart from the mark as shown. The drawing is lined for shading only.
FOR TRUCK CASTERS.
Claims use since on or about Feb. 5, 1934.

Reg. No. 343,555. Registered Feb. 23, 1937. CHRISTIANA MACHINE COMPANY, Christiana, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR BRAKE DRUMS.
Claims use since Dec. 17, 1935.

Reg. No. 419,361. Registered Feb. 12, 1946. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Clipper

FOR SEAT COVERS FOR MOTOR VEHICLES.
Claims use since June 18, 1945.

Reg. No. 421,830. Registered June 18, 1946. BOND FOUNDRY AND MACHINE COMPANY, Manheim, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR HAND TRUCKS.
Claims use since on or about Dec. 2, 1930.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 132,881. Registered July 6, 1920. ART LAMP MFG. CO., Chicago, Ill. Republished by Art Lamp Corporation, Chicago, Ill., a corporation of Illinois.



The word "Lamps" is disclaimed apart from the mark as shown.

FOR ELECTRICALLY-LIGHTED FLOOR LAMPS, CHAIR-LAMPS, TORCHÈRES, BRIDGE-LAMPS, LANTERNS, DAVENPORT-LAMPS, CANDELABRA, AND TABLE-LAMPS.

Claims use since June 1, 1919.

Reg. No. 288,872. Registered Nov. 10, 1931. JENSEN RADIO MANUFACTURING COMPANY, Chicago, Ill. Republished by Jensen Manufacturing Company, Chicago, Ill., a corporation of Nevada.

P M SPEAKER

The word "Speaker" is disclaimed apart from the mark as shown.

FOR RADIO LOUD SPEAKERS.

Claims use since May 19, 1931.

Reg. No. 344,512. Registered Mar. 30, 1937. CRESCENT INSULATED WIRE AND CABLE CO., INC., Trenton, N. J., a corporation of New Jersey. Republished by registrant.

CRESCENT

FOR ELECTRICAL WIRE, CABLE AND CONDUCTORS, BOTH INSULATED AND UNINSULATED, AND WIRE, CABLE, HARNESSES AND CORD SETS HAVING CONNECTORS, SOCKETS, AND/OR TERMINAL MEMBERS CARRIED THEREBY, OTHER THAN AUTOMOBILE HARNESS, AUTOMOBILE BATTERY CABLE LEADS, AUTOMOBILE HI-TENSION IGNITION CABLE, AUTOMOBILE TERMINALS FOR USE ON WIRE AND CABLE, AND AUTOMOBILE LIGHTING CABLE.

Claims use since Aug. 3, 1891.

Reg. No. 394,905. Registered May 5, 1942. JENSEN RADIO MANUFACTURING COMPANY, Chicago, Ill. Republished by Jensen Manufacturing Company, Chicago, Ill., a corporation of Nevada.

Hyperf

FOR LOUD SPEAKERS, EACH SAID LOUD SPEAKER INCLUDING AN ELECTRO-ACOUSTIC TRANSDUCER.

Claims use since July 23, 1941.

Reg. No. 394,906. Registered May 5, 1942. JENSEN RADIO MANUFACTURING COMPANY, Chicago, Ill. Republished by Jensen Manufacturing Company, Chicago, Ill., a corporation of Nevada.

Speech-Master

FOR LOUD SPEAKERS, EACH SAID LOUD SPEAKER INCLUDING AN ELECTRO-ACOUSTIC TRANSDUCER DRIVER UNIT AND PARTS THEREOF.

Claims use since Mar. 20, 1941.

Reg. No. 430,272. Registered June 10, 1947. ALLIED STORES CORPORATION, Wilmington, Del., Seattle, Wash., Syracuse, N. Y., and Paterson, N. J., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

AMBASSADOR

FOR RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATIONS.

Claims use since Apr. 11, 1946.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 377,971. Registered May 21, 1940. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

TRU- SHOT

FOR GOLF CLUBS AND GOLF BALLS.

Claims use since on or about Mar. 15, 1939.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 17,700. Registered Mar. 25, 1890. CATTARAUGUS CUTLERY COMPANY, Little Valley, N. Y., a corporation of New York. Republished by registrant.

W.W.WILSON.



LITTLE VALLEY.N.Y.

FOR BUTCHER, SKINNING, STICKING, BONING AND STEAK KNIVES, AND THE VARIOUS STEEL IMPLEMENTS AND KNIVES USED IN THE BUTCHERING BUSINESS.

Claims use since about July 1, 1887.

Reg. No. 63,389. Registered June 18, 1907. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a corporation of New York. Republished by registrant.



FOR POCKET-KNIVES, TABLE KNIVES AND FORKS, SHEARS, SCISSORS, RAZORS, BUTCHER-KNIVES, CARVING-KNIVES AND PRUNING-KNIVES.

Claims use since Sept. 1, 1904.

Reg. No. 73,447. Registered Apr. 20, 1909. JABEZ BURNS & SONS, New York, N. Y. Republished by Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York.



FOR COFFEE AND SPICE MILL MACHINERY AND ROASTERS FOR COFFEE.

Claims use since Apr. 1, 1908.

Reg. No. 79,400. Registered Sept. 6, 1910. BOND FOUNDRY AND MACHINE COMPANY, Manheim, Pa., a corporation of Pennsylvania. Republished by registrant.

SPIRO

FOR SHAFT COUPLINGS.

Claims use since Feb. 1, 1910.

Reg. No. 92,385. Registered July 8, 1913. THE AMERICAN MULTIGRAPH SALES COMPANY, Cleveland, Ohio. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

Flexotype

FOR PRINTING PRESSES (USING TYPE OR PLATES), FORM HOLDERS, TYPE LOCKING DEVICES, FEEDING APPARATUS, INKING ROLLERS, TYPESETTING AND DISTRIBUTING MACHINES, TYPE TRANSFER TOOLS, AND PARTS OF SUCH DEVICES.

Claims use since about May 15, 1909.

Reg. No. 95,599. Registered Mar. 3, 1914. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a corporation of New York. Republished by registrant.



FOR RAZORS.

Claims use since Apr. 1, 1906.

Reg. No. 111,660. Registered July 25, 1916. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a corporation of New York. Republished by registrant.

"FLEXO"

FOR CUTLERY — VIZ., BUTCHER-KNIVES AND POCKET-KNIVES.

Claims use since Aug. 19, 1915.

Reg. No. 122,816. Registered Sept. 17, 1918. PINE TREE MILKING MACHINE COMPANY, Chicago, Ill. Republished by Babson Bros. Co., Chicago, Ill., a corporation of Illinois.

PINE TREE

FOR MILKING-MACHINES.

Claims use since about March 1917.

Reg. No. 139,499. Registered Feb. 8, 1921. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a corporation of New York. Republished by registrant.

Little Injun

FOR PENKNIVES, JACKKNIVES, KITCHEN-KNIVES, BUTCHER-KNIVES, KITCHEN-FORKS, CARVING-KNIVES, CARVING-FORKS, RAZORS, CARVING-STEELS, AND TABLE-FORKS, TABLE-KNIVES, AND TABLE-SPOONS MADE OF BASE METAL.

Claims use since Oct. 13, 1919.

Reg. No. 166,404. Registered Apr. 3, 1923. THE DE VILBISS MANUFACTURING CO., Toledo, Ohio. Republished by The De Vilbiss Company, Toledo, Ohio, a corporation of Ohio.

DeVilbiss

FOR COMPRESSED-AIR SPRAYING MACHINES FOR APPLYING PAINTS, VARNISHES, LACQUER, ENAMELS AND THE LIKE, AND PARTS THEREOF, AND AIR-OPERATED AGITATORS, HOSE CLEANERS, AIR-REGULATING DEVICES, AIR-WASHING DEVICES, EXHAUST FANS AND HOODS USED THEREWITH, TURNTABLES, AND POWER-DRIVEN AIR-COMPRESSING OUTFITS (PORTABLE AND STATIONARY) FOR USE IN CONNECTION WITH SUCH MACHINES.

Claims use since 1911.

Reg. No. 198,619. Registered May 19, 1925. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Bondex

FOR LOOM PICKERS, CHECK STRAPS.

Claims use since December 1923.

Reg. No. 199,796. Registered June 16, 1925. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



No claim is made to the representation of the goods apart from the mark as shown.

FOR LEATHERED LOOM SUNDRIES, BUMPER, HOLD-UP, LUG, HARNESS, JACK, HEEL STRAPS.

Claims use since Apr. 28, 1920.

Reg. No. 209,517. Registered Feb. 23, 1926. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a corporation of New York. Republished by registrant.

FOREST QUEEN

FOR SHEATH KNIFE.

Claims use since Jan. 1, 1925.

Reg. No. 228,679. Registered June 7, 1927. UNION CONFECTIONERY MACHINERY CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

UNION
Rebuilt
Candy Machinery

The words "Rebuilt Candy Machinery" are disclaimed apart from the mark as shown.

FOR MACHINERY FOR THE USE OF BAKERS AND CONFECTIONERS IN MAKING CANDY AND CHOCOLATE.

Claims use since June 1, 1921.

Reg. No. 228,680. Registered June 7, 1927. UNION CONFECTIONERY MACHINERY CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

UNION

FOR MACHINERY FOR THE USE OF BAKERS AND CONFECTIONERS IN MAKING CANDY AND CHOCOLATE.

Claims use since June 1, 1921.

Reg. No. 240,680. Registered Apr. 3, 1928. GRUENDLER PATENT CRUSHER AND PULVERIZER COMPANY, St. Louis, Mo. Republished by Gruendler Crusher and Pulverizer Co., St. Louis, Mo., a corporation of Missouri.



All the words except "Gruendler" and the name of the corporation (both appearances), and the representation of the goods are disclaimed apart from the mark as shown.

FOR CRUSHERS, SHREDDERS, BREAKERS, PULVERIZERS, AND GRINDERS.

Claims use since some time in April 1920.

Reg. No. 253,798. Registered Mar. 5, 1929. THE SPEEDAUMATIC COMPANY, Chicago, Ill., now by change of name Speedaumat Addressing Machinery, Incorporated, assignor to Speedaumat Manufacturing Company, Chicago, Ill. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

Speedaumat

FOR PRINTING PLATES FOR ADDRESSING AND SIMILAR MACHINERY, EMBOSSING MACHINES, ADDRESSING MACHINES, MAILING MACHINES, AND GALLEY TRAYS.

Claims use since 1919.

Reg. No. 261,043. Registered Sept. 3, 1929. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

BONDIT

FOR SHAFT COUPLINGS.

Claims use since May 17, 1926.

Reg. No. 261,105. Registered Sept. 3, 1929. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

BONDTRU

FOR SHAFT COUPLINGS.

Claims use since Nov. 1, 1927.

Reg. No. 266,674. Registered Jan. 28, 1930. BURGESS-NORTON MFG. CO., Geneva, Ill., a corporation of Illinois. Republished by registrant.

B-N

FOR PISTON PINS, POWER TRANSMISSION CLUTCHES AND PARTS THEREOF.

Claims use since Apr. 1, 1919.

Reg. No. 275,169. Registered Sept. 16, 1930. JABEZ BURNS & SONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

STIRFLEX

FOR APPARATUS FOR MECHANICALLY COOLING ROASTED COFFEE AND OTHER MATERIALS.

Claims use since Apr. 1, 1930.

Reg. No. 275,550. Registered Sept. 23, 1930. J. L. FERGUSON COMPANY, Joliet, Ill., a corporation of Illinois. Republished by registrant.

"PACKOMATIC"

FOR PACKAGING MACHINERY—NAMELY, CARTON-SEALING MACHINES, MACHINES FOR AUTOMATICALLY FILLING PREDETERMINED AMOUNT OF PRODUCTS INTO RECEPTACLES, CARTON-FORMING MACHINES, CONTAINER-SEALING MACHINES, PACKING AND WRAPPING TABLES, SPECIAL MACHINERY MADE TO ORDER, DIES AND REPAIR PARTS THEREFOR.

Claims use since 1929.

Reg. No. 277,075. Registered Nov. 4, 1930. CATTARAUGUS CUTLERY COMPANY, Little Valley, N. Y., a corporation of New York. Republished by registrant.



FOR POCKET-KNIVES AND HUNTING KNIVES.

Claims use since Jan. 1, 1900.

Reg. No. 296,295. Registered Aug. 2, 1932. CATTARAUGUS CUTLERY COMPANY, Little Valley, N. Y., a corporation of New York. Republished by registrant.

"A Knife to WHITTLE KRAFT Make Things With"

No claim is made to the exclusive use of the slogan "A Knife to Make Things With."

FOR POCKET KNIFE.

Claims use since Nov. 20, 1931.

Reg. No. 321,389. Registered Jan. 29, 1935. MOTO-SWAY CORPORATION OF AMERICA, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MOTO-SWAY

FOR ROCKING DEVICES FOR AUTOMOBILES FOR ALTERNATELY LIFTING EITHER SIDE OF THE CHASSIS OR VEHICLES FOR RELEASING THE WEIGHT OFF THE SPRINGS SO AS TO SEPARATE THE SPRING TO PERMIT OILING OR GREASING BETWEEN SAID SPRING LEAVES.

Claims use since March 1933.

Reg. No. 327,764. Registered Sept. 3, 1935. CATTARAUGUS CUTLERY COMPANY, Little Valley, N. Y., a corporation of New York. Republished by registrant.

HIGH BALL

FOR KNIFE.

Claims use since Jan. 10, 1935.

Reg. No. 328,835. Registered Oct. 8, 1935. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

MULTDIGESTION

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SLUDGE TREATING SYSTEMS WHICH INCLUDE APPARATUS OR EQUIPMENT SUCH AS THICKENERS OR CLARIFIERS AND/OR DIGESTERS.

Claims use since Mar. 5, 1935.

Reg. No. 343,664. Registered Mar. 2, 1937. THE DORR COMPANY, INC., New York, N. Y. Republished by The Dorr Company, New York, N. Y., a corporation of Delaware.

TORQ

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS AND MORE PARTICULARLY FOR SEDIMENTATION APPARATUS SUCH AS THICKENERS AND CLARIFIERS.

Claims use since the third week of March 1936.

Reg. No. 362,669. Registered Nov. 29, 1938. G. N. COUGHLAN CO., Orange, N. J., a corporation of New Jersey. Republished by registrant, present location West Orange, N. J.

Easy-Aid

FOR PEA SHELLERS, KITCHEN SHEARS, JAR OPENERS, EGG SLICERS, PIE AND CAKE SERVERS, PARING KNIVES, GRAPEFRUIT KNIVES, SLICING KNIVES, EGG SLICER FRAMES, POT HOLDERS, BREAD KNIVES, CAN OPENERS, ICE PICKS, CAKE TURNERS, WIRE FORKS, BASTING SPOONS, SCOOPS, SALAD BALLERS, CORER AND PARERS, POTATO

MASHERS, BATTER WHIPS, GRATERS, MIXING SPOONS, PLATE SCRAPERS, VEGETABLE SERVERS, VEGETABLE BRUSHES, VEGETABLE MASHERS, KITCHEN FORKS.
Claims use since July 22, 1935.

Reg. No. 367,396. Registered May 16, 1939. CATTARAUGUS CUTLERY COMPANY, Little Valley, N. Y., a corporation of New York. Republished by registrant.

VANADALOY

FOR HOUSEHOLD CUTLERY OF BASE METAL—NAMELY, ALL KINDS OF KNIVES AND FORKS AND SPOONS, BUTCHER KNIVES, STICKING KNIVES, SKINNING KNIVES, BONING KNIVES, SLICING KNIVES, TRIMMING KNIVES, FISH KNIVES, POULTRY KNIVES, OYSTER KNIVES, PALLETTE KNIVES; HUNTING KNIVES, SOLID BLADE; HUNTING KNIVES, HINGED BLADE; CAKE SERVERS, CHEESE SERVERS.
Claims use since June 1, 1936.

Reg. No. 385,884. Registered Mar. 18, 1941. CATTARAUGUS CUTLERY COMPANY, Little Valley, N. Y., a corporation of New York. Republished by registrant.

Toll House

FOR CARVING SETS AND KNIVES.
Claims use since Nov. 2, 1940.

Reg. No. 399,318. Registered Dec. 29, 1942. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, Ohio, a corporation of Delaware. Republished by registrant.

ADDRESSOcote

FOR PRINTING DEVICES FOR USE IN ADDRESSING AND SIMILAR MACHINES—NAMELY, PRINTING PLATES BEFORE AND AFTER EMBOSSING FOR USE ALONE, PRINTING PLATES BEFORE AND AFTER EMBOSSING FOR USE IN FRAMES, AND FRAMES FOR SAID PLATES.
Claims use since on or about Nov. 22, 1938.

Reg. No. 399,839. Registered Feb. 2, 1943. JABEZ BURNS & SONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ROTA-PACT

FOR MACHINES FOR GRINDING, CRACKING, OR OTHERWISE TREATING COFFEE AND OTHER MATERIALS.
Claims use since July 1, 1942.

Reg. No. 430,314. Registered June 10, 1947. EARL L. CODDINGTON, Middletown, Ohio. Republished by registrant.

CYCLONE

FOR POWER OPERATED MACHINE FOR MOWING GRASS AND WEEDS.
Claims use since June 1939.

Reg. No. 431,234. Registered July 15, 1947. WINTERS BROTHERS COMPANY, Wrentham, Mass., a corporation of Michigan. Republished by registrant, present location Rochester, Mich.



The exclusive right to use the representation of a tap per se apart from its inclusion with other features of the mark is disclaimed apart from the mark as shown.
FOR TAPS AND DIES.
Claims use since June 25, 1946.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 425,528. Registered Nov. 26, 1946. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Wizard

FOR POWER DRIVEN MECHANICAL WASHERS AND IRONERS.
Claims use since July 2, 1937.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 148,546. Registered Nov. 15, 1921. TITMUS OPTICAL COMPANY, INC., Petersburg, Va., a corporation of Virginia. Republished by registrant.

PERFEX

FOR OPTICAL LENSES.
Claims use since on or about Aug. 15, 1918.

Reg. No. 247,106. Registered Sept. 18, 1928. TITMUS OPTICAL COMPANY, INC., Petersburg, Va., a corporation of Virginia. Republished by registrant.

VELVET-LITE

FOR OPTICAL LENSES.
Claims use since April 1927.

Reg. No. 289,134. Registered Nov. 17, 1931. TITMUS OPTICAL COMPANY, INC., Petersburg, Va., a corporation of Virginia. Republished by registrant.

BONVUE FULL VISION LENS

The words "Full Vision Lens" are disclaimed apart from the mark as shown.
FOR OPTICAL LENSES.
Claims use since on or about November 1930.

Reg. No. 338,821. Registered Sept. 15, 1936. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

NALCOMETER

FOR ELECTRICAL MEASURING DEVICES USED IN DETERMINING THE SOLIDS DISSOLVED IN BOILER WATER.
Claims use since Feb. 4, 1936.

Reg. No. 374,098. Registered Jan. 2, 1940. TITMUS OPTICAL COMPANY, INC., Petersburg, Va., a corporation of Virginia. Republished by registrant.

CONTRA-GLARE

The word "Glare" is disclaimed apart from the mark as shown.
FOR LENSES FOR USE IN MAKING UP EYE GLASSES AND SPECTACLES TO REGULAR OCULISTS' PRESCRIPTIONS.
Claims use since Jan. 11, 1939.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 167,785. Registered May 8, 1923. HARRY C. SCHICK, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.

Schicksnaps

FOR NECKLACE CLASPS AND FASTENERS.
Claims use since Jan. 15, 1922.

Reg. No. 288,966. Registered Nov. 10, 1931. BULOVA WATCH COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

NANETTE

FOR BRACELETS.
Claims use since on or about April 1930.

Reg. No. 313,905. Registered June 12, 1934. THE WILLIAMS AND ANDERSON COMPANY, Providence, R. I., a corporation of Rhode Island. Republished by registrant.



FOR JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES.
Claims use since Jan. 10, 1934.

Reg. No. 327,332. Registered Aug. 20, 1935. A. MICALLEF & COMPANY, Providence, R. I. Republished by A. Micallef & Company (1946), Providence, R. I., a partnership.

AoM

FOR JEWELRY FOR PERSONAL WEAR NOT INCLUDING WATCHES.
Claims use since Apr. 2, 1935.

Reg. No. 369,134. Registered July 18, 1939. HARRY C. SCHICK, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.



FOR NECKLACE CLASPS AND SNAPS AND OTHER ARTICLES OF JEWELRY, NOT INCLUDING WATCHES, MADE OF PLATINUM, GOLD, ROLLED AND FILLED GOLD, AND STERLING SILVER.
Claims use since Mar. 1, 1938.

Reg. No. 431,973. Registered Aug. 12, 1947. COLONIAL MFG. CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

MAGNIFIED

FOR JEWELRY FOR PERSONAL WEAR OR ADORNMENT—NAMELY, FINGER RINGS, EARRINGS, BROOCHES, BRACELETS, NECKLACES, JEWELRY CLIPS, AND LOCKETS.
Claims use since January 1942.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 362,669. Registered Nov. 29, 1938. G. N. COUGHLAN CO., Orange, N. J., a corporation of New Jersey. Republished by registrant, present location West Orange, N. J.

Easy-Aid

FOR PEA SHELLERS, KITCHEN SHEARS, JAR OPENERS, EGG SLICERS, PIE AND CAKE SERVERS, PARING KNIVES, GRAPEFRUIT KNIVES, SLICING KNIVES, EGG SLICER FRAMES, POT HOLDERS, BREAD KNIVES, CAN OPENERS, ICE PICKS, CAKE TURNERS, WIRE FORKS, BASTING SPOONS, SCOOPS, SALAD BALLERS, CORER AND PARERS, POTATO MASHERS, BATTER WHIPS, GRATERS, MIXING SPOONS, PLATE SCRAPERS, VEGETABLE SERVERS, VEGETABLE BRUSHES, VEGETABLE MASHERS, KITCHEN FORKS.
Claims use since July 22, 1935.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 339,491. Registered Oct. 13, 1936. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

NALCOLITE

FOR BASE-EXCHANGING MINERALS, SUCH AS THE COMPOUND SILICO-ALUMINATES OF THE ALKALINE METALS KNOWN AS ZEOLITES, EMPLOYED IN THE TREATMENT OF WATER SUCH AS FOR SOFTENING.
Claims use since Mar. 23, 1936.

Reg. No. 423,606. Registered Sept. 3, 1946. ALLIED STORES CORPORATION, Wilmington, Del., Seattle, Wash., Syracuse, N. Y., and Paterson, N. J., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

AMBASSADOR

FOR REFRIGERATORS AND HOME FREEZERS.
Claims use since Nov. 26, 1945.

Reg. No. 432,694. Registered Sept. 9, 1947. NORTH BROTHERS MANUFACTURING COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

"LIGHTNING"

FOR ICE CREAM FREEZERS, BOTH HAND AND MECHANICALLY OPERATED AND DESIGNED FOR HOME AND COMMERCIAL USE.
Claims use since 1888.

CLASS 33

GLASSWARE

Reg. No. 220,558. Registered Nov. 9, 1926. ALBERT PICK & COMPANY, Chicago, Ill. Republished by Albert Pick Company, Inc., Chicago, Ill., a corporation of Delaware.

Dur-Nok

FOR GLASS TUMBLERS.
Claims use since May 15, 1926.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 190,984. Registered Oct. 28, 1924. WOLF SAFETY LAMP CO. OF AMERICA, INC., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

WOLF

FOR SAFETY LAMPS, CARBIDE CAP LAMPS, CARBIDE HANDLAMPS.
Claims use since September 1913.

Reg. No. 351,534. Registered Nov. 2, 1937. ALLIED STORES CORPORATION, Wilmington, Del., and Seattle, Wash., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

allied

FOR HEATING AND COOKING STOVES, RANGES, AND HEATING FURNACES USING GAS, COAL, COKE, WOOD, OR OIL AS FUEL.
Claims use since Nov. 2, 1936.

Reg. No. 401,526. Registered May 25, 1943. PETRO-CHEM DEVELOPMENT COMPANY, New York, N. Y., a corporation of Delaware. Republished by registrant.

ISO-FLOW

The word "Flow" is disclaimed apart from the mark as shown.
FOR FLUID BURNING FURNACES.
Claims use since May 9, 1940.

Reg. No. 418,091. Registered Dec. 4, 1945. CALUMET AND HECLA CONSOLIDATED COPPER COMPANY, Boston, Mass., a corporation of Michigan. Republished by registrant.

TRUFIN

FOR FINNED TUBING FOR USE AS A HEAT EXCHANGING ELEMENT.
Claims use since Aug. 1, 1944.

CLASS 35

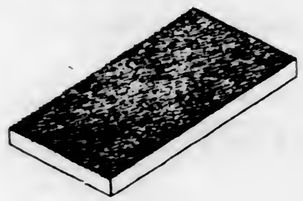
BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 171,509. Registered Aug. 7, 1923. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Bonbon

FOR FLAT AND ROUND LEATHER BELTING.
Claims use since Sept. 10, 1920.

Reg. No. 191,200. Registered Nov. 4, 1924. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



The representation of the goods is disclaimed apart from the mark as shown.
FOR FLAT AND ROUND LEATHER BELTING.
Claims use since about March 1921.

Reg. No. 197,614. Registered Apr. 21, 1925. GREENE, TWEED & Co., New York, N. Y., a corporation of New York. Republished by registrant.

Runwel

FOR PACKINGS FOR WEARING AND BEARING PARTS OF MACHINERY AND MECHANICAL DEVICES, BEING MADE OF ASBESTOS YARN LUBRICATED WITH A GRAPHITE GREASE LUBRICANT.
Claims use since April 1921.

Reg. No. 199,418. Registered June 9, 1925. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Bondex

FOR FLAT AND ROUND BELTING.
Claims use since December 1923.

Reg. No. 227,361. Registered May 3, 1927. ASBESTOS MANUFACTURING COMPANY, Huntington, Ind., a corporation of Indiana. Republished by registrant.

Amco

FOR ASBESTOS BRAKE LININGS, ASBESTOS BRAKE BLOCKS, ASBESTOS CLUTCH FACINGS, AND ASBESTOS DISKS.
Claims use since May 1, 1925.

Reg. No. 253,531. Registered Feb. 26, 1929. GREENE, TWEED & Co., New York, N. Y., a corporation of New York. Republished by registrant.

CUTNO

FOR PACKING FOR STUFFING BOXES THAT COME IN CONTACT WITH A FLUID CONTAINING CAUSTIC SODA OR OTHER CHEMICAL OF AN ALKALI NATURE.
Claims use since Oct. 1, 1928.

Reg. No. 253,532. Registered Feb. 26, 1929. GREENE, TWEED & Co., New York, N. Y., a corporation of New York. Republished by registrant.

PELRO

FOR PACKING FOR USE IN STUFFING BOXES THAT COME IN CONTACT WITH GASOLINE, ALCOHOL, NAPHTHA, AND OTHER DISTILLATES OF PETROLEUM.
Claims use since Oct. 1, 1928.

Reg. No. 282,191. Registered Apr. 14, 1931. KIRKHILL RUBBER CO., Los Angeles, Calif., a corporation of California. Republished by registrant.

PIGNOSE

FOR RUBBER WASHERS FOR FAUCETS.
Claims use since on or about Jan. 2, 1927.

Reg. No. 315,529. Registered July 31, 1934. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

KLERO

FOR PACKING FOR WEARING AND BEARING PARTS OF MACHINERY CONSISTING OF COTTON IMPREGNATED WITH A LUBRICANT.
Claims use since Mar. 1, 1934.

Reg. No. 390,719. Registered Sept. 30, 1941. DARLING VALVE & MANUFACTURING COMPANY, Williamsport, Pa., a corporation of Pennsylvania. Republished by registrant.

PUMCUP

FOR FABRIC CUPS FOR USE IN OIL WELLS AND PUMPS.
Claims use since May 6, 1941.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 104,146. Registered May 4, 1915. THE FRED. GRETSCH MFG. CO., New York, N. Y., a corporation of New York. Republished by registrant.



The word "Brand" is disclaimed apart from the mark as shown.
FOR VIOLIN-STRINGS, ACCORDIONS, CONCERTINAS, MOUTH-HARMONICAS AND CHROMATIC STANDARDS.
Claims use since 1900.

Reg. No. 187,744. Registered Aug. 12, 1924. THE FRED. GRETSCH MFG. CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

GRETSCH

FOR MUSICAL INSTRUMENTS—VIZ., BANJOS, TENOR BANJOS, BANJO MANDOLINS, GUITARS, MANDOLINS, UKULELES, BANJO UKULELES, DRUMS, AND CLARINETS, AND PARTS THEREFOR.
Claims use since 1912.

Reg. No. 245,846. Registered Aug. 21, 1928. THE FRED. GRETSCH MFG. CO., New York, N. Y., a corporation of New York. Republished by registrant, present location Brooklyn, N. Y.

"ZILDJIAN,,

FOR CYMBALS.
Claims use since about 1603.

Reg. No. 328,377. Registered Sept. 24, 1935. THE FRED. GRETSCH MFG. CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.



FOR DRUMS, CORNETS, TRUMPETS, BUGLES, TROMBONES, ALTO HORNS, BARITONE HORNS, BASS HORNS, CLARINETS, OBOES, FLUTES, GUITARS, BANJOS, UKULELES, HARMONICAS AND ACCESSORIES FOR BRASS BAND AND WOOD-WIND INSTRUMENTS.
Claims use since Apr. 22, 1935.

Reg. No. 347,503. Registered June 29, 1937. THE FRED. GRETSCH MFG. CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

GRETSCH BROADKASTER

FOR DRUMS, BANJOS AND GUITARS.
Claims use since Mar. 24, 1928.

CLASS 37

PAPER AND STATIONERY

Reg. No. 72,536. Registered Feb. 2, 1909. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

ABENAQUIS

FOR WRITING AND WRAPPING PAPER.
Claims use since Oct. 1, 1907.

Reg. No. 80,123. Registered Nov. 8, 1910. HOLLINGSWORTH & WHITNEY CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

TOTEM

FOR WRITING AND WRAPPING PAPER.
Claims use since June 1, 1910.

Reg. No. 126,501. Registered Aug. 26, 1919. THE WHITAKER PAPER COMPANY, Cincinnati, Ohio. Republished by Hollingsworth & Whitney Company, Boston, Mass, a corporation of Massachusetts.

BASIC

FOR WRITING AND WRAPPING PAPERS.
Claims use since Feb. 15, 1919.

Reg. No. 185,008. Registered June 3, 1924. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

1000

FOR ENVELOPES, LETTER PAPER, INCLUDING LETTERHEADS, BLANK BOOKS, BINDERS AND LOOSE LEAVES THEREFOR, PRINTED, LEGAL, ACCOUNT AND INDEX FORMS AND BLANKS, CHECKS, DRAFTS, NOTES AND BANKERS' FORMS AND NOTICES, STATEMENTS, APPLICATIONS AND CORRESPONDENCE; AND ALSO TYPEWRITER PAPER.
Claims use since about May 1, 1916.

Reg. No. 199,596. Regisered June 16, 1925. DEFIANCE SALES CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.



FOR ARTICLES OF STATIONERY — NAMELY, DRAWING AND TRACING PAPER, GUMMED TAPE, CROSS-SECTION PAPERS AND CLOTHS, FIELD BOOKS, PENCILS, PENCIL SHARPENERS, AND PENS.
Claims use since Nov. 22, 1922.

Reg. No. 227,549. Registered May 10, 1927. BRITTAINS LIMITED, Cheddleton, near Leek, England, a company organized under the laws of Great Britain. Republished by registrant, present location Cheddleton, England.

TOROSUS

FOR TISSUE PAPER GENERALLY, BUT MORE PARTICULARLY THOSE ADAPTED TO BE MADE INTO CARBON PAPER, STEREO TISSUES AND COPYING TISSUES.
Claims use since Oct. 29, 1926.

Reg. No. 298,882. Registered Nov. 8, 1932. BRITTAINS LIMITED, Cheddleton, near Leek, England, a British Corporation. Republished by registrant.

OCTOLIB

FOR TISSUE PAPERS GENERALLY, BUT MORE PARTICULARLY THOSE ADAPTED TO BE MADE INTO CARBONIZING TISSUES AND STEREO AND OTHER FINE TISSUES.
Claims use since Mar. 11, 1932.

Reg. No. 338,238. Registered Sept. 1, 1936. THE CERCLA CO., Chicago, Ill. Republished by General Binding Corporation, Chicago, Ill., a corporation of Illinois.

Cercla

FOR PERMANENT AND LOOSE-LEAF MECHANICAL BINDERS, BLANK BOOKS, DIARIES, STENOGRAPHER'S NOTEBOOKS, COMPOSITION BOOKS, DRAWING PADS, LEDGERS, INVENTORY BOOKS, CALENDAR DESK PADS, SCRAP BOOKS, COLUMNAR PADS, PHOTO ALBUMS, SALESMEN'S DATA BOOKS, ORDER BOOKS, TELEPHONE INDEXES, APPOINTMENT NOTEBOOKS, ADDRESS BOOKS, HAND BOOKS, SCHOOL WORK BOOKS, AND CHECK BOOKS.
Claims use since Feb. 17, 1936.

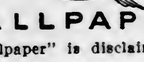
Reg. No. 342,493. Registered Jan. 19, 1937. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

TUFF-WHITE

The words "Tuff-White" are disclaimed apart from the mark as shown.
FOR MAILING AND CATALOG ENVELOPES.
Claims use since May 22, 1936.

Reg. No. 345,093. Registered Apr. 13, 1937. LOUISVILLE WALL PAPER CO., INC., Louisville, Ky., a corporation of Kentucky. Republished by registrant.

CARDINAL



WALLPAPERS

The word "Wallpaper" is disclaimed apart from the mark as shown.
FOR WALL PAPER.
Claims use since Nov. 4, 1936.

Reg. No. 350,220. Registered Sept. 21, 1937. CURTIS 1000 INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.



FOR CORRESPONDENCE, MAILING, AND FILING ENVELOPES.
Claims use since June 6, 1934.

Reg. No. 364,983. Registered Feb. 21, 1939. SAN-NAP-PAK MFG. COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SNP

FOR TOILET TISSUE.
Claims use since June 13, 1938.

Reg. No. 397,689. Registered Sept. 15, 1942. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, Ohio, a corporation of Delaware. Republished by registrant.

Systemat

FOR PLANOGRAPHIC PLATES OF TREATED PAPER.
Claims use since Mar. 5, 1942.

Reg. No. 416,748. Registered Sept. 25, 1945. PROTECTIVE PACKAGING CORPORATION, Newark, N. J., a corporation of New Jersey. Republished by registrant.

PROPACK

The word "Pack" is disclaimed apart from the mark as shown.
FOR WRAPPING PAPER AND PAPER WRAPPERS.
Claims use since January 1945.

Reg. No. 416,871. Registered Oct. 2, 1945. UNIVERSAL FOUNTAIN PEN & PENCIL CO., New York, N. Y., a firm. Republished by registrant.

Rite-O-Matic

FOR STYLOGRAPHIC PENS.
Claims use since Feb. 23, 1945.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 222,662. Registered Jan. 4, 1927. CARL D. NEWTON, doing business as The Fox Company, San Antonio, Tex. Republished by The Fox Company, San Antonio, Tex., a corporation of Texas.



FOR PHOTOGRAPHIC PRINTS.
Claims use since 1908.

Reg. No. 239,420. Registered Mar. 6, 1928. BUESCHER BAND INSTRUMENT CO., Elkhart, Ind., a corporation of Indiana. Republished by registrant.

TRUE-TONE
MUSICAL JOURNAL

The lining appearing in the drawing is for the purpose of shading.
FOR PERIODICAL PUBLICATION.
Claims use since 1894.

Reg. No. 280,398. Registered Feb. 17, 1931. CARL D. NEWTON, doing business as The Flying Film Co., San Antonio, Tex. Republished by Flying Film Company, Inc., San Antonio, Tex., a corporation of Texas.



FOR PHOTOGRAPHIC PRINTS.
Claims use since June 26, 1929.

Reg. No. 310,983. Registered Mar. 13, 1934. FLYING FILM COMPANY, INC., San Antonio, Tex., a corporation of Texas. Republished by registrant.



The word "Pictures" is disclaimed apart from the mark as shown.
FOR PHOTOGRAPHIC PRINTS.
Claims use since Dec. 3, 1932.

Reg. No. 367,161. Registered May 9, 1939. EYE-CATCHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

EYE' CATCHERS

FOR PUBLICATION ISSUED MONTHLY CARRYING ADVERTISING PRINTS.
Claims use since Feb. 7, 1938.

Reg. No. 369,043. Registered July 11, 1939. THE AMERICAN ASSOCIATION OF PORT AUTHORITIES, New Orleans, La., a corporation of Delaware. Republished by registrant.

WORLD PORTS

FOR MONTHLY PUBLICATION.
Claims use since March 1921.

Reg. No. 380,060. Registered Aug. 6, 1940. TRUESDAIL LABORATORIES, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

Chemistry in ACTION

FOR PRINTED HOUSE ORGAN, PUBLISHED BI-MONTHLY.
Claims use since February 1939.

Reg. No. 432,530. Registered Sept. 2, 1947. BOSCO COMPANY, INC., New York, N. Y., a corporation of New Jersey. Republished by registrant.

THE BOSCO KID!

FOR SERIES OF CARTOONS.
Claims use since May 8, 1946.

Reg. No. 432,874. Registered Sept. 16, 1947. NEHI CORPORATION, Columbus, Ga., a corporation of Delaware. Republished by registrant.

Teen-Talk

FOR MONTHLY PUBLICATION.
Claims use since on or about July 10, 1944.

CLASS 39

CLOTHING

Reg. No. 66,340. Registered Nov. 19, 1907. PARAMOUNT KNITTING COMPANY, Chicago, Ill. Republished by Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois.

COASTER

FOR HOSIERY.
Claims use since July 19, 1905.

Reg. No. 68,167. Registered Mar. 10, 1908. BROCKTON CO-OPERATIVE BOOT & SHOE CO., Brockton, Mass. Republished by Brockton Boot and Shoe Company, Boston and Brockton, Mass., a corporation of Massachusetts.

Co-operative

FOR LEATHER BOOTS AND SHOES.
Claims use since on or about Nov. 1, 1886.

Reg. No. 69,087. Registered May 19, 1908. PARAMOUNT KNITTING COMPANY, Chicago, Ill. Republished by Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois.



FOR HOSIERY.
Claims use since Oct. 24, 1904.

Reg. No. 154,737. Registered Apr. 18, 1922. WHITEHEAD HOSIERY MILLS, INC., Burlington, N. C. Republished by Seven Point Hosiery, Inc., Burlington, N. C., a corporation of North Carolina.

SEVENPOINTHOSE

The word "Hose" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since Jan. 1, 1915.

Reg. No. 156,171. Registered June 20, 1922. AULT-WILLIAMSON SHOE CO., Auburn, Maine. Republished by J. J. Grover Shoe Co., Inc., Haverhill, Mass., a corporation of Massachusetts.

CONSTANT AW COMFORT

FOR MEN'S AND WOMEN'S BOOTS AND SHOES OF LEATHER AND COMBINATIONS OF LEATHER AND FABRIC.
Claims use since March 1917.

Reg. No. 168,262. Registered May 15, 1923. LA CROSSE RUBBER MILLS CO., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.

LA CROSSE
RUBBER MILLS CO.
LA CROSSE, WIS. U.S.A.

The words "La Crosse, Wis. U. S. A." are disclaimed apart from the mark as shown.
FOR RUBBER BOOTS AND SHOES.
Claims use since July 1, 1921.

Reg. No. 170,087. Registered July 10, 1923. LA CROSSE RUBBER MILLS CO., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.

WISCONSIN RUBBER MILLS CO. LA CROSSE, WIS. U.S.A.

The words "La Crosse, Wis. U. S. A." are disclaimed apart from the mark as shown.

FOR RUBBER BOOTS AND SHOES.

Claims use since July 1, 1921.

Reg. No. 173,792. Registered Oct. 2, 1923. JOHN DAVID, New York, N. Y. Republished by John David, Inc., a corporation of New York.

The Nonchalant

FOR MEN'S DRESS SUITS, TUXEDO SUITS, FULL DRESS SUITS, DINNER, DANCE AND THEATRE JACKETS, RAINCOATS, OVERCOATS, HATS, SWEATERS, COATS, TROUSERS, VESTS AND KNICKERBOCKERS.

Claims use since Nov. 1, 1922.

Reg. No. 184,979. Registered June 3, 1924. COHN-GOLDWATER COMPANY, Los Angeles, Calif. Republished by Cohn-Goldwater Mfg. Co., Los Angeles, Calif., a corporation of California.

PALMDAYL

FOR MEN'S, BOYS', AND WOMEN'S DRESS, NEGLIGEE AND WORK SHIRTS, NIGHTSHIRTS, PAJAMAS, BOYS' BLOUSES, AND WOMEN'S BLOUSES.

Claims use since June 1922.

Reg. No. 193,754. Registered Jan. 6, 1925. LEWIS M. WEED CO. INC., Binghamton, N. Y. Republished by The Drybak Corporation, Binghamton, N. Y., a corporation of New York.

THE ORIGINAL DRYBAK DRY BACK or MONEY BACK

FOR KNEE OR FULL LENGTH AND LACE OR BUTTON BOTTOM BREECHES; COATS, SHEEP SKIN OR CLOTH HUNTING COATS, VESTS, HUNTING VESTS, DRESS, NEGLIGEE OR WORK SHIRTS, CAPS, MEN'S AND WOMEN'S OUTING SUITS, PANTS.

Claims use since Jan. 1, 1900, and before.

Reg. No. 194,655. Registered Feb. 3, 1925. JOHN DAVID, New York, N. Y. Republished by John David, Inc., New York, N. Y., a corporation of New York.

The Ultimate JOHN DAVID NEW YORK

The words "In Style," "Woolens," "Tailoring," and "New York" are disclaimed apart from the mark as shown.

FOR MEN'S SUITS, VESTS, COATS, TROUSERS, DRESS SUITS, OVERCOATS, RAINCOATS, SWEATERS, AND JACKETS.

Claims use since June 1, 1924.

Reg. No. 203,016. Registered Sept. 8, 1925. LEWIS M. WEED CO. INC., Binghamton, N. Y. Republished by The Drybak Corporation, Binghamton, N. Y., a corporation of New York.

TRAYL-TOGS

The word "Togs" is disclaimed apart from the mark as shown.

FOR MEN'S AND WOMEN'S SPORT CLOTHING—NAMELY, COATS, VESTS, PANTS, BREECHES, KNICKERBOCKERS.

Claims use since Oct. 1, 1922.

Reg. No. 213,560. Registered June 1, 1926. COHN-GOLDWATER MFG. CO., Los Angeles, Calif., a corporation of California. Republished by registrant.

BOSS

FOR WORK CLOTHING OR OUTER CLOTHING FOR MEN, OR WOMEN—NAMELY, OVERALLS AND SHIRTS, MACKINAW COATS, LEATHER COATS AND VESTS, HIKING PANTS, RIDING BREECHES, COTTON PANTS, CHILDREN'S PLAY SUITS.

Claims use since 1889.

Reg. No. 225,768. Registered Mar. 22, 1927. COHN-GOLDWATER MFG. CO., Los Angeles, Calif., a corporation of California. Republished by registrant.

UP-TOWNE

FOR MEN'S CLOTHING, IN PARTICULAR PANTS, VESTS, COATS, OVERCOATS; DRESS, NEGLIGEE, WORK, AND UNDER SHIRTS, THE UNDER SHIRTS BEING OF KNITTED AND TEXTILE FABRIC; AND CHILDREN'S PLAY SUITS.

Claims use since Apr. 6, 1926.

Reg. No. 229,651. Registered July 5, 1927. SHREVE & ADAMS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

RÉOSIL

FOR HOSIERY FOR WOMEN.

Claims use since Nov. 22, 1926.

Reg. No. 243,341. Registered June 19, 1928. THE DRYBAK CORPORATION, Binghamton, N. Y. Republished by The Drybak Corporation (1929), Binghamton, N. Y., a corporation of New York.

Lasticalf

FOR MEN'S, BOYS', WOMEN'S, AND CHILDREN'S BREECHES AND LEGGINS; MEN'S AND BOYS' TROUSERS AND PANTS.

Claims use since Sept. 1, 1927.

Reg. No. 248,868. Registered Oct. 30, 1928. CONTINENTAL UNDERGARMENT COMPANY, Brooklyn, N. Y. Republished by Continental Undergarment Co., Inc., Brooklyn, N. Y., a corporation of New York.

Surenne

FOR KNITTED, NETTED, AND TEXTILE FABRIC UNDERWEAR FOR MEN, WOMEN, AND CHILDREN.

Claims use since June 4, 1928.

Reg No 276,532 Registered Oct 21, 1930 VALLEY SHOE CORPORATION, St Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR FOOTWEAR—NAMELY, SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.

Claims use since Mar. 1, 1930.

Reg. No. 281,110. Registered Mar. 10, 1931. BELK-STEVENS COMPANY, Winston-Salem, N. C., a corporation of North Carolina. Republished by registrant.

Bloodhound

FOR OVERALLS FOR MEN AND BOYS.

Claims use since Oct. 23, 1930.

Reg. No. 285,388. Registered July 28, 1931. HAHN DEPARTMENT STORES, INC., Wilmington, Del. Republished by Allied Stores Corporation, New York, N. Y., a corporation of Delaware.

MILLAY

FOR HOSIERY.

Claims use since Mar. 2, 1931.

Reg. No. 285,588. Registered July 28, 1931. HENRY POLLAK, INC., New York, N. Y., a corporation of New York. Republished by registrant.

foulard

FOR WOMEN'S FELT HATS, UNTRIMMED.

Claims use since Aug. 11, 1930.

Reg. No. 287,852. Registered Oct. 13, 1931. SIMON SCHWOB, doing business as The Standard Tailoring Company and The Schwob Company, Columbus, Ga. Republished by Schwob Manufacturing Company, Columbus, Ga., a corporation of Georgia.

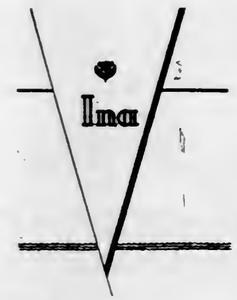
SCHWOBILT

The word "Clothes" is disclaimed apart from the mark as shown.

FOR MEN'S SUITS AND OVERCOATS.

Claims use since on or about Mar. 6, 1931.

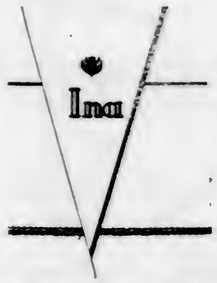
Reg. No. 289,722. Registered Dec. 1, 1931. HAHN DEPARTMENT STORES, INC., Wilmington, Del., and New York, N. Y. Republished by Allied Stores Corporation, New York, N. Y., a corporation of Delaware.



FOR HOSIERY.

Claims use since June 20, 1931.

Reg. No. 294,039. Registered May 17, 1932. HAHN DEPARTMENT STORES, INC., Wilmington Del. Republished by Allied Stores Corporation, New York, N. Y., a corporation of Delaware.



FOR WOMEN'S READY TO WEAR AND ACCESSORIES—NAMELY, SHOES OF LEATHER, RUBBER OR FABRIC, RIDING BOOTS, BATHING SHOES, COATS OF FABRIC AND/OR FUR, DRESSES, SUITS, OUTER SKIRTS, BLOUSES, NEGLIGEES, UNDERWEAR, CORSETS, SCARFS, PAJAMAS, SWEATERS, GLOVES AND MITTENS OF FABRIC OR LEATHER, HATS, RIDING HABITS, SKI SUITS, SNOW SUITS, SKATING SUITS, LEATHER COATS, JACKETS OF FABRIC AND LEATHER, BATHING SUITS, BATHING TRUNKS, BATHING WRAPS AND ROBES, BATHING CAPS.

Claims use since June 20, 1931.

Reg. No. 296,139. Registered July 26, 1932. W. KOTKES & SON, New York, N. Y., a firm. Republished by registrant.

WIL-KO

FOR WOMEN'S AND MISSES' DRESSES, SMOCKS, AND HOOVER APRONS AND WOMEN'S, MISSES' AND CHILDREN'S PAJAMAS.

Claims use since January 1931.

Reg. No. 303,798. Registered June 6, 1933. LUXITE SILK PRODUCTS Co., Milwaukee, Wis. Republished by Holeproof Hosiery Co., Milwaukee, Wis., a corporation of Wisconsin.

Luxite Slenderwear
SLENDERIZING UNDERWEAR

The words "Slenderizing Underwear" and "Slenderwear" are disclaimed apart from the mark as shown.

FOR UNDERWEAR AND FOUNDATION GARMENTS FOR WOMEN.

Claims use since Dec. 6, 1932.

Reg. No. 309,571. Registered Jan. 23, 1934. L. GIDDING & Co. INC., New York, N. Y. Republished by L. Gidding & Co., Bound Brook, N. J., a firm.

CHUBBETTE

FOR INFANTS' AND CHILDREN'S DRESSES AND FROCKS.

Claims use since April 1, 1933.

Reg. No. 310,927. Registered Mar. 13, 1934. S. LIEBOVITZ & SONS, INC., New York, N. Y. Republished by Trubenizing Process Corporation, New York, N. Y., a corporation of New York.

TRUBENIZED

FOR DRESS AND NEGLIGEE SHIRTS AND COLLARS.

Claims use since on or about Nov. 1, 1933.

Reg. No. 333,759. Registered Apr. 7, 1936. DONNYBROOK COAT Co., INC., New York, N. Y. Republished by Philip Shlansky & Bro., Inc., New York, N. Y., a corporation of New York.



FOR LADIES' COATS.

Claims use since June 1934.

Reg. No. 333,972. Registered Apr. 14, 1936. DONNYBROOK COAT Co., INC., New York, N. Y. Republished by Philip Shlansky & Bro., Inc., New York, N. Y., a corporation of New York.



The words "Donnybrook Modes" are disclaimed apart from the mark shown.

FOR LADIES' COATS.

Claims use since June 1934.

Reg. No. 336,103. Registered June 23, 1936. W. KOTKES & SON, New York, N. Y., a firm. Republished by registrant.

WILKSHIRE

The drawing is lined for the color blue.

FOR MAIDS AND NURSES UTILITY UNIFORMS.

Claims use since Jan. 1, 1935.

Reg. No. 337,260. Registered Aug. 4, 1936. JOHN DAVID, New York, N. Y. Republished by John David, Inc., New York, N. Y., a corporation of New York.

Belgrave Square

FOR SOCKS, MEN'S UNION SUITS, UNDERSHIRTS, UNDERDRAWERS, DRESS AND NEGLIGEE SHIRTS, NECKTIES, COLLARS, MEN'S HATS AND CAPS, LEATHER AND FABRIC GLOVES, MEN'S SUITS,

SWEATERS, OVERCOATS, RAINCOATS, MUFFLERS, PAJAMAS, BATH AND LOUNGING ROBES, AND BATHING SUITS.

Claims use since Jan. 20, 1936.

Reg. No. 339,626. Registered Oct. 13, 1936. PRESS BROTHERS DRESS CORPORATION, Hummelstown, Pa. Republished by Press Dress & Uniform Company, Hummelstown, Pa., a firm.



The words "Guaranteed Fabric" are disclaimed apart from the mark as shown.

FOR LADIES' AND CHILDREN'S DRESSES AND SMOCKS, UNIFORMS AND SLIPS, WOMEN'S AND MEN'S GYM SUITS, PAJAMAS, SHORTS, MEN'S OVERALLS, WORK SHIRTS, AND CHILDREN'S PLAY SUITS.

Claims use since May 25, 1936.

Reg. No. 350,918. Registered Oct. 12, 1937. SHREVE & ADAMS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SHARPIES

FOR HOSIERY.

Claims use since Apr. 15, 1937.

Reg. No. 351,911. Registered Nov. 16, 1937. THE SUPERB GLOVE COMPANY, Johnstown, N. Y., a firm. Republished by registrant.



The word "Gloves" is disclaimed apart from the mark as shown.

FOR MEN'S AND LADIES' DRESS AND STREET GLOVES MADE OF LEATHER.

Claims use since Feb. 1, 1935.

Reg. No. 353,006. Registered Dec. 21, 1937. HENRY GANS INC., New York, N. Y. Republished by Henry Gans, New York, N. Y., a co-partnership.



The words "Miss" and "Original Design with F. O. G. A." are disclaimed apart from the mark as shown.

FOR WOMEN'S AND MISSES' DRESSES.

Claims use since July 1, 1937.

Reg. No. 356,057. Registered Apr. 12, 1938. ALLIED STORES CORPORATION, Wilmington, Del., and Seattle, Wash., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

Kentcraft

The word "Kentcraft" is disclaimed apart from the mark as shown.

FOR MEN'S CLOTHING—NAMELY, COATS, LEATHER COATS, SPORT COATS, TOP COATS, OVERCOATS, FABRIC SUITS, GOLF SUITS, SWEATERS, AND SWEATER COATS, LEATHER AND FABRIC GLOVES, HOSE, LEATHER AND FABRIC JACKETS, BATHING TRUNKS AND SKI SUITS.

Claims use since Sept. 1, 1935.

Reg. No. 356,089. Registered Apr. 12, 1938. THE SUPERB GLOVE COMPANY, Johnstown, N. Y., a firm. Republished by registrant.

Superb
WHIP-LOCK

The word "Superb" is disclaimed apart from the mark as shown.

FOR LADIES' LEATHER GLOVES.

Claims use since Dec. 23, 1935.

Reg. No. 368,051. Registered June 6, 1939. FRENCH, SHRINER & URNER MANUFACTURING Co., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Idyle Tymers

FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF.

Claims use since Dec. 12, 1938.

Reg. No. 374,191. Registered Jan. 2, 1940. ALLIED STORES CORPORATION, Wilmington, Del., and Seattle, Wash., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

Cradle Craft

FOR DIAPERS, INFANTS' SLEEPING ROBES, TRAINING PANTIES, COTTON BANDS AND SHIRTS, WOOL AND RAYON BANDS AND SHIRTS, KIMONAS, NIGHTGOWNS AND DRESSES.

Claims use since Mar. 23, 1939.

Reg. No. 383,005. Registered Nov. 19, 1940. HOLMES, STICKNEY & WALKER, INC., Portland, Maine. Republished by Holmes Stickney, Inc., Portland, Maine, a corporation of Maine.

Footloose

FOR SHOES MADE FROM LEATHER, FABRIC, OR RUBBER, OR COMBINATIONS OF SAID MATERIALS.
Claims use since June 7, 1940.

Reg. No. 386,072. Registered Mar. 25, 1941. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

Luxureze

FOR MEN'S HATS.
Claims use since July 1940.

Reg. No. 395,456. Registered May 26, 1942. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

GLYCO-TITE

The word "Tite" is disclaimed apart from the mark as shown.
FOR MEN'S HATS.
Claims use since August 1933.

Reg. No. 396,992. Registered Aug. 11, 1942. J. MAIMON & SONS INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



The word "Slack" is disclaimed apart from the mark as shown.
FOR WEARING APPAREL—NAMELY, BOYS' AND MEN'S SLACKS, TROUSERS, SUITS, AND SPORT COATS.
Claims use since Jan. 1, 1942.

Reg. No. 399,653. Registered Jan. 26, 1943. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CHALET RIB

The word "Rib" is disclaimed apart from the mark as shown.
FOR MEN'S AND BOYS' UNDERWEAR.
Claims use since 1925.

Reg. No. 399,662. Registered Jan. 26, 1943. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

SKY FLEET

FOR MEN'S HATS.
Claims use since June 18, 1941.

Reg. No. 405,159. Registered Jan. 11, 1944. WELLS LAMONT CORPORATION, Chicago, Ill., a corporation of Minnesota. Republished by registrant.

MOE and JOE

FOR WORK GLOVES.
Claims use since Aug. 14, 1942.

Reg. No. 405,160. Registered Jan. 11, 1944. WELLS LAMONT CORPORATION, Chicago, Ill., a corporation of Minnesota. Republished by registrant.



FOR WORK GLOVES.
Claims use since Aug. 14, 1942.

Reg. No. 407,209. Registered May 23, 1944. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

RESISTOL
SELF-CONFORMING

The words "Self-Conforming" are disclaimed apart from the mark as shown.
FOR MEN'S HATS.
Claims use since Oct. 2, 1934.

Reg. No. 407,210. Registered May 23, 1944. BYER-ROLNICK COMPANY, Garland, Tex., a corporation of Texas. Republished by registrant.

RESISTOL
SELF-CONFORMING

The Most Comfortable Hat Made

The words "Self-Conforming" and "The Most Comfortable Hat Made" are disclaimed apart from the mark as shown.
FOR MEN'S HATS.
Claims use since Oct. 2, 1934.

Reg. No. 411,724. Registered Jan. 30, 1945. A. F. SAUER COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



The word "Togs" is disclaimed apart from the mark as shown.
FOR OVERALLS, SUNSUITS, AND ROMPERS FOR SMALL CHILDREN.
Claims use since July 24, 1944.

Reg. No. 414,429. Registered June 12, 1945. THE SCHIFF COMPANY, Columbus, Ohio. Republished by Shoe Corporation of America, Columbus, Ohio., a corporation of Ohio.

Friskies

FOR WOMEN'S SPORT AND PLAY SHOES MADE OF LEATHER AND ALSO FABRIC MATERIAL.
Claims use since on or about October 1943.

Reg. No. 414,533. Registered June 12, 1945. SOL SHERMAN, New York, N. Y. Republished by registrant.

CALIFORNIA SCENICS

The word "California" is disclaimed apart from the mark as shown.
FOR NECKTIES AND OUTER SHIRTS FOR MEN.
Claims use since Dec. 20, 1944.

Reg. No. 421,336. Registered May 28, 1946. M. SILBERT & SON, LTD., Los Angeles, Calif., a corporation of California. Republished by registrant.

Woman Crest
of California

The words "Woman" and "of California" are disclaimed apart from the mark as shown.
FOR LADIES' COATS, SUITS, JACKETS, AND SKIRTS.
Claims use since July 20, 1945.

Reg. No. 430,552. Registered June 17, 1947. THE SCHIFF COMPANY, Columbus, Ohio. Republished by Shoe Corporation of America, Columbus, Ohio, a corporation of Ohio.



The word "Medico" is disclaimed apart from the mark as shown.
FOR SHOES MADE OF LEATHER, FABRIC OR RUBBER, OR COMBINATIONS THEREOF.
Claims use since Dec. 5, 1938.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 151,737. Registered Feb. 14, 1922. DIADEM MFG. CO., Fitchburg, Mass. Republished by Diadem Inc., Leominster, Mass., a corporation of Massachusetts.

DIADEM

FOR COMBS, BARRETTES, FANCY PINS FOR THE HAIR, HAIRPINS, KNITTING NEEDLES, KNITTING PINS, CROCHET HOOKS, FANS FOR PERSONAL USE, YARN HOLDERS, STITCH HOLDERS, HAIR ORNAMENTS OF STEEL, WOOD, LEATHER, RUBBER, AND PYROXYLIN AND SUBSTITUTES THEREFOR.
Claims use since about 1907.

Reg. No. 335,323. Registered June 2, 1936. CARL W. RENSTROM, doing business as Tip-Top Products Company, Omaha, Nebr. Republished by Tip-Top Products Company, Omaha, Nebr., a corporation of Nebraska.

TIP-TOP

FOR NON-ELECTRICAL HAIR CURLERS.
Claims use since Aug. 5, 1934.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 177,466. Registered Dec. 18, 1923. THE UNITED PIECE DYE WORKS, Lodi, N. J., a corporation of New Jersey. Republished by registrant.



FOR DYED, PRINTED, AND FINISHED TEXTILE FABRICS, PRINTED SILK FOULARD, PRINTED CHIFFON, PRINTED CRAPE, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since May 1922.

Reg. No. 333,066. Registered Mar. 10, 1936. ERWIN COTTON MILLS COMPANY, West Durham, N. C., a corporation of North Carolina. Republished by registrant, present location Durham, N. C.



FOR SHEETINGS.
Claims use since July 22, 1925.

Reg. No. 346,366. Registered May 25, 1937. TOBLER, ERNST & TRABER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

KLEARPRINT

FOR SILK CLOTH, TAFFETA WEAVE IN THE PIECE.
Claims use since Nov. 16, 1936.

Reg. No. 346,783. Registered June 8, 1937. MARTIN DYEING & FINISHING COMPANY, Bridgeton, N. J., a corporation of New Jersey. Republished by registrant.

E-Z-SO

FOR WATER RESISTANT COTTON DUCK IN THE PIECE.
Claims use since Dec. 1, 1936.

Reg. No. 364,107. Registered Jan. 17, 1939. MARTIN DYEING & FINISHING COMPANY, Bridgeton, N. J., a corporation of New Jersey. Republished by registrant.

funqifoil

FOR WATER REPELLENT AND MILDEW RESISTANT CANVAS DUCK.
Claims use since June 15, 1938.

Reg. No. 374,190. Registered Jan. 2, 1940. ALLIED STORES CORPORATION, Wilmington, Del., and Seattle, Wash., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

CRADLE CRAFT

FOR QUILTED CRIB PADS, MUSLIN CRIB SHEETS, MUSLIN PILLOW CASES, KNITTED BATH BLANKETS, STOCKINETTE CRIB SHEETS, ALL-WOOL BLANKETS, RECEIVING BLANKETS, AND TERRY CLOTH BATH ENSEMBLE (TOWELS AND WASH CLOTHS).
Claims use since Mar. 23, 1939.

Reg. No. 381,267. Registered Sept. 17, 1940. ERWIN COTTON MILLS COMPANY, West Durham, N. C., a corporation of North Carolina. Republished by registrant, present location Durham, N. C.

ERWIN MILLS

The word "Mills" is disclaimed apart from the mark as shown.
FOR SHEETS, PILLOW CASES, SHEETINGS, TUBING, AND PIECE GOODS OF COTTON, RAYON (VISCOSE AND ACETATE), WOOL, LINEN, AND COMBINATIONS THEREOF.
Claims use since July 26, 1936.

Reg. No. 384,205. Registered Jan. 7, 1941. ERWIN COTTON MILLS COMPANY, West Durham, N. C., a corporation of North Carolina. Republished by registrant, present location Durham, N. C.

BluSurf

FOR DENIM IN THE PIECE FOR USE PRINCIPALLY IN SLACKS, CULOTTES, DRESSES, SHORTS, TROUSERS, ROBES, HATS, HALTER-SUITS, ROMPERS, OVERALLS, UNIFORMS, APRONS, SUNSUITS, AND PLAYSUITS FOR MEN, WOMEN, AND CHILDREN.
Claims use since Aug. 20, 1937.

Reg. No. 387,347. Registered May 13, 1941. ERWIN COTTON MILLS COMPANY, Durham, N. C., a corporation of North Carolina. Republished by registrant, present location Durham, N. C.



The word "White" is disclaimed apart from the mark as shown.
FOR SHEETS AND PILLOW CASES.
Claims use since June 15, 1939.

Reg. No. 396,631. Registered July 28, 1942. TOBLER, ERNST & TRABER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

NITEX

FOR WOVEN FABRICS FOR INDUSTRIAL AND TECHNICAL USE—NAMELY, STENCIL CLOTH FOR SCREEN PRINTING, AND BOLTING CLOTH FOR SIFTING AND STRAINING PURPOSES.
Claims use since Sept. 10, 1941.

Reg. No. 397,829. Registered Sept. 22, 1942. DRAPER BROTHERS COMPANY, Canton, Mass., a corporation of Massachusetts. Republished by registrant.

BLUE HILL

FOR TEXTILE BLANKETS.
Claims use since Apr. 1, 1938.

Reg. No. 407,488. Registered June 6, 1944. TERHUNE, YERKANCE & WOLFF, INC., New York, N. Y. Republished By Bell Company, Worcester, Mass., a corporation of Massachusetts.

FIELDSTONE

FOR WOOLEN FABRICS IN THE PIECE.
Claims use since Dec. 20, 1943.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 229,535. Registered June 28, 1927. CURRAN & JOYCE CO. INC., Lawrence, Mass., a corporation of Massachusetts. Republished by registrant.



FOR GINGER ALE.
Claims use since Feb. 3, 1927.

Reg. No. 235,999. Registered Nov. 29, 1927. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

SUM-R-AID

FOR POWDERS FOR MAKING NONALCOHOLIC, MALTLESS BEVERAGES.
Claims use since Mar. 7, 1927.

Reg. No. 332,164. Registered Feb. 4, 1936. MASSASOIT BEVERAGE CO., INC., Springfield, Mass., assignor to Florida Fruit Canners, Inc., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

HAVA-
NIP
FOOD & DRINK

The words "Food & Drink" are disclaimed apart from the mark as shown.
FOR NON-ALCOHOLIC BEVERAGES, SOLD AS SOFT DRINKS, SYRUPS, AND EXTRACTS FOR MANUFACTURING THE SAME.
Claims use since Mar. 1, 1933.

Reg. No. 349,615. Registered Aug. 31, 1937. TOLERTON & WARFIELD COMPANY, Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

ZEPHYR

The drawing is lined to indicate the color blue.
FOR SUMMER SOFT DRINK PREPARATIONS, FLAVORINGS, EXTRACTS AND SYRUPS.
Claims use since Apr. 1, 1936.

Reg. No. 384,971. Registered Feb. 11, 1941. TINY BEVERAGES, INCORPORATED, Richmond, Va., a corporation of Virginia. Republished by registrant.

Tiny

FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS FOR MAKING THE SAME.
Claims use since Aug. 12, 1940.

Reg. No. 385,858. Registered Mar. 18, 1941. TINY BEVERAGES, INCORPORATED, Richmond, Va., a corporation of Virginia. Republished by registrant.

Tin-ee

FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGE SOLD AS SOFT DRINK, AND SYRUPS FOR MAKING SAME.
Claims use since Oct. 8, 1940.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 35,599. Registered Dec. 18, 1900. THE MALTED CEREALS Co., Burlington, Vt. Republished by Maltex Company, Burlington, Vt., a firm.

Maltex



FOR FLOUR, BREAD, BISCUIT, CRACKERS, AND CEREALS.
Claims use since Oct. 15, 1900.

Reg. No. 52,289. Registered May 8, 1906. BURNHAM & MORRILL COMPANY, Portland, Maine, a corporation of Maine. Republished by registrant.

RED JACKET

FOR CANNED LOBSTERS.
Claims use since 1890.

Reg. No. 53,296. Registered May 29, 1906. WAYNE COUNTY PRESERVING CO., Newark, N. Y. Republished by Edgett-Burnham Company, Newark, N. Y., a corporation of New York.

NEWARK

FOR CANNED FRUITS AND VEGETABLES.
Claims use since 1870.

Reg. No. 53,297. Registered May 29, 1906. WAYNE COUNTY PRESERVING Co., Newark, N. Y. Republished by Edgett-Burnham Company, Newark, N. Y., a corporation of New York.

WAYNE BRAND

FOR CANNED FRUITS AND VEGETABLES.
Claims use since 1865.

Reg. No. 54,399. Registered June 26, 1906. WAYNE COUNTY PRESERVING Co, Newark, N. Y. Republished by Edgett-Burnham Company, Newark, N. Y., a corporation of New York.



FOR CANNED FRUITS AND VEGETABLES.
Claims use since 1880.

Reg. No. 63,300. Registered June 11, 1907. WAYNE COUNTY PRESERVING COMPANY, Newark, N. Y. Republished by Edgett-Burnham Company, Newark, N. Y., a corporation of New York.

WINSOM

FOR CANNED FRUITS AND VEGETABLES.
Claims use since 1905.

Reg. No. 65,051. Registered Sept. 3, 1907. H. F. HEMINGWAY & Co., Baltimore, Md. Republished by The Greencastle Packing Company, Greencastle, Pa., a corporation of Pennsylvania.

VESTIBULE BRAND

FOR CANNED FRUITS AND VEGETABLES.
Claims use since about June 10, 1895.

Reg. No. 65,086. Registered Sept. 3, 1907. MCCORMICK & Co., Baltimore, Md. Republished by McCormick & Co., Incorporated, Baltimore, Md., a corporation of Maryland.

BEE BRAND

FOR FLAVORING EXTRACTS.
Claims use since January 1898.

Reg. No. 67,038. Registered Jan. 14, 1908. ATMORE & SON, Philadelphia, Pa. Republished by Atmore & Son, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

KEYSTONE MINCE MEAT

FOR MINCE MEAT.
Claims use since Jan. 1, 1872.

Reg. No. 67,039. Registered Jan. 14, 1908. ATMORE & SON, Philadelphia, Pa. Republished by Atmore & Son, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

ATMORE'S SEEDLESS RAISINS MINCE MEAT

FOR MINCE MEAT.
Claims use since Jan. 1, 1872.

Reg. No. 69,599. Registered June 23, 1908. WAYNE COUNTY PRESERVING COMPANY, Newark, N. Y. Republished by Edgett-Burnham Company, Newark, N. Y., a corporation of New York.

E&B

FOR BOTTLED, CANNED, PRESERVED, EVAPORATED, AND PICKLED FRUITS AND VEGETABLES.
Claims use since June 1, 1907.

Reg. No. 70,419. Registered Aug. 25, 1908. MILTON C. PETERS, Omaha, Nebr. Republished by Allied Mills, Inc., Chicago, Ill., a corporation of Indiana.

JUNE PASTURE

FOR STOCK FOOD COMPOSED OF GROUND HAY TREATED WITH SACCHARINE SUBSTANCE.
Claims use since Apr. 1, 1907.

Reg. No. 73,956. Registered June 1, 1909. R. TWINING & CO., LTD., London, England, a corporation of England. Republished by registrant.



FOR TEA, COFFEE, COCOA AND CHOCOLATE.
Claims use since 1710.

Reg. No. 80,521. Registered Jan. 3, 1911. THE FREMONT KRAUT COMPANY, Fremont, Ohio, a corporation of Ohio. Republished by registrant.

SNOW DRIFT

FOR CANNED SAUERKRAUT.
Claims use since October 1908.

Reg. No. 88,827. Registered Oct. 29, 1912. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.

WHITE CAP

FOR CANNED FRUITS, CANNED VEGETABLES, BUCKWHEAT, AND WHEAT FLOUR COMPOUND, PEARL BARLEY, SPICES, COFFEE, OLIVES, SALMON, MACARONI AND RICE.
Claims use since about Jan. 1, 1886.

Reg. No. 106,924. Registered Nov. 9, 1915. AMERICAN BAKERIES CO., Atlanta, Ga. Republished by American Bakeries Company (1939), Atlanta, Ga., a corporation of Florida.

Merita TRADEMARK

The words "Trade Mark" are disclaimed apart from the mark as shown.

FOR CRACKERS, BISCUIT, WAFERS, COOKIES, BREAD, CAKE, CANDIES, PIES AND CRACKER MEAL.

Claims use since July 1910.

Reg. No. 109,615. Registered Apr. 11, 1916. THE MONARCH MILLING CO., Hutchinson, Kans. Republished by The Hunter Milling Company, Wellington, Kans., a corporation of Kansas.

American Gentleman

FOR WHEAT FLOUR.

Claims use since September 1914.

Reg. No. 109,616. Registered Apr. 11, 1916. THE MONARCH MILLING CO., Hutchinson, Kans. Republished by The Hunter Milling Company, Wellington, Kans., a corporation of Kansas.

American Lady

FOR WHEAT FLOUR.

Claims use since March 1906.

Reg. No. 121,131. Registered Apr. 9, 1918. E. DWIGHT MCCAIN, Frederick, Md. Republished by registrant.

HILL CREST

FOR FRESH APPLES, PEACHES, PEARS AND PLUMS.

Claims use since July 1, 1916.

Reg. No. 130,239. Registered Apr. 13, 1920. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

COUNCIL OAK

FOR CANNED FISH, PEARL-BARLEY, BREAKFAST-WHEAT, ROLLED OATS, CORN FLAKES, POPCORN, RICE, TAPIOCA, SPICES, JELLY-POWDER, EVAPORATED MILK, TABLE-SYRUP, SUGAR AND SHELLED NUTS.

Claims use since Jan. 1, 1911.

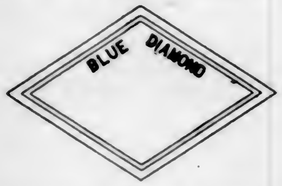
Reg. No. 130,424. Registered Apr. 20, 1920. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.



FOR RICE, PICKLES, AND OLIVES.

Claims use since Jan. 1, 1901.

Reg. No. 136,709. Registered Nov. 2, 1920. WOLTER BROS., Peoria, Ill., a firm. Republished by registrant.



FOR POTATOES IN THEIR NATURAL STATE.

Claims use since 1920.

Reg. No. 138,604. Registered Jan. 4, 1921. DAN VALLEY MILLS, Danville, Va., a corporation of Virginia. Republished by registrant.

DAN RIVER

FOR WHEAT FLOUR.

Claims use since December 1917.

Reg. No. 138,605. Registered Jan. 4, 1921. DAN VALLEY MILLS, Danville, Va., a corporation of Virginia. Republished by registrant.

DAN VALLEY

FOR WHEAT FLOUR.

Claims use since Sept. 1, 1894.

Reg. No. 140,122. Registered Mar. 8, 1921. FILICE & PERRELLI CANNING COMPANY, INC., Gilroy, Calif., a corporation of California. Republished by registrant, present location Richmond, Calif.

SAN FELIPE



The word "Brand" is disclaimed apart from the mark as shown.

FOR CANNED FRUITS AND CANNED VEGETABLES.

Claims use since July 1914.

Reg. No. 142,339. Registered May 10, 1921. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

First Prize BRAND

The word "Brand" is disclaimed apart from the mark as shown.

FOR CANNED FRUITS AND VEGETABLES, CANNED FISH, CANNED SOUPS, PEARL-BARLEY, CORN FLAKES, ROLLED OATS, RICE, TAPIOCA, TEA, COFFEE, DRIED FRUITS, FOOD-FLAVORING EXTRACTS, TABLE SAUCE, PEANUT-BUTTER, SPICES, PRESERVED FRUITS, PRESERVED BERRIES, PRESERVED VEGETABLES, OLIVES, POULTRY FOOD, CORN-STARCH, TABLE-SYRUP AND VINEGAR.

Claims use since Jan. 1, 1895.

Reg. No. 152,970. Registered Mar. 7, 1922. ROBB-ROSS CO., Sioux City, Iowa. Republished by Tolerton & Warfield Co., Iowa City, Iowa, a corporation of Iowa.



FOR FOOD-FLAVORING EXTRACTS, PEANUT BUTTER, VINEGAR, MUSTARD, TABLE SIRUP, JELLY POWDER, PANCAKE FLOUR, AND POWDERED SUGAR.

Claims use since June 1, 1920.

Reg. No. 157,686. Registered Aug. 15, 1922. G. W. HUME COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

MIRACLE BRAND

No claim is made to the word "Brand" apart from the mark shown in the drawing.

FOR CANNED FISH—NAMELY, CANNED SALMON; CANNED FRUITS—NAMELY, CANNED PEACHES; CANNED VEGETABLES—NAMELY, CANNED TOMATOES.

Claims use since Dec. 10, 1919.

Reg. No. 165,109. Registered Mar. 6, 1923. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.



FOR CANNED FISH, PEARL BARLEY, BREAKFAST WHEAT, POP CORN, RICE, TAPIOCA, JELLY POWDER, EVAPORATED MILK, TABLE SIRUP, FRUIT-POWDERED SUGAR, SUGAR, SHELLED NUTS, AND PEPPER.

Claims use since July 1, 1910.

Reg. No. 170,857. Registered July 24, 1923. SANDS, TAYLOR & WOOD CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Somerville, Mass.



FOR WHEAT FLOUR.

Claims use since Aug. 1, 1922.

Reg. No. 170,858. Registered July 24, 1923. SANDS, TAYLOR & WOOD CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Somerville, Mass.

EXCALIBUR

FOR WHEAT FLOUR.

Claims use since Aug. 1, 1922.

Reg. No. 179,190. Registered Feb. 5, 1924. ERNEST S. BAZLEY, doing business as Bazley Markets, Chicago, Ill. Republished by Bazley and Junedale Markets Co., Chicago, Ill., a corporation of Illinois.

JUNEDALE

FOR NUT OLEOMARGARINE.

Claims use since Apr. 13, 1920.

Reg. No. 182,354. Registered Apr. 8, 1924. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

OVERLAND

FOR MARMALADE, SWEETENED CHOCOLATE, FRUITS IN SIRUP IN CANS AND JARS, GELATINE, JAMS, JELLIES, AND HONEY.

Claims use since December 1916.

Reg. No. 192,794. Registered Dec. 9, 1924. TOLERTON & WARFIELD CO., Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

SUPERB

FOR SLICED BEEF, MINCEMEAT, CANNED SOUPS, RAW POP CORN, TAPIOCA, DRIED FRUITS, FOOD-FLAVORING EXTRACTS, PEANUT BUTTER, SPICES, FRUIT PRESERVES, JELLIES, MARMALADES, MUSTARD, OLIVES, CORNSTARCH, HONEY, SUGAR, SEEDED RAISINS, JELLY POWDER.
Claims use since Jan. 1, 1911.

Reg. No. 200,247. Registered June 30, 1925. SANDS, TAYLOR & WOOD COMPANY, Somerville, Mass., a corporation of Massachusetts. Republished by registrant.

ROUND TABLE

FOR WHEAT FLOUR.
Claims use since Sept. 23, 1914.

Reg. No. 200,271. Registered June 30, 1925. SANDS, TAYLOR & WOOD COMPANY, Somerville, Mass., a corporation of Massachusetts. Republished by registrant.

KING ARTHUR

FOR WHEAT FLOUR.
Claims use since October 1896.

Reg. No. 200,272. Registered June 30, 1925. SANDS, TAYLOR & WOOD COMPANY, Somerville, Mass., a corporation of Massachusetts. Republished by registrant.



FOR WHEAT FLOUR.
Claims use since October 1896.

Reg. No. 200,392. Registered June 30, 1925. SANDS, TAYLOR & WOOD COMPANY, Somerville, Mass., a corporation of Massachusetts. Republished by registrant.



FOR WHEAT FLOUR.
Claims use since Sept. 23, 1914.

Reg. No. 200,581. Registered July 7, 1925. DES MOINES WHOLESALE GROCER CO., Des Moines, Iowa. Republished by Twin City Wholesale Grocer Co., St. Paul, Minn., a corporation of Minnesota.



FOR APPLE BUTTER, CANNED FISH, CANNED FRUITS, OLIVE OIL, EVAPORATED CANNED MILK, CANNED VEGETABLES, PRESERVED FRUITS, COFFEE, PREPARED MUSTARDS, MINCEMEAT, CANNED PORK AND BEANS, PEANUT BUTTER, OLIVES, PICKLES, CATCHUP, CHILI SAUCE, SALAD DRESSING, TABLE SIRUP, AND VINEGAR.
Claims use since July 14, 1923.

Reg. No. 200,845. Registered July 14, 1925. ALBERT W. SISK & SON, Preston, Md., a firm. Republished by registrant.

PINE CONE

FOR CANNED PEACHES, APPLES, PEARS, STRINGLESS BEANS, LIMA BEANS, CORN, SWEET POTATOES, TOMATOES, AND TOMATO PRODUCTS.
Claims use since Jan. 20, 1925.

Reg. No. 204,655. Registered Oct. 20, 1925. LATIMER MAXCY, Frostproof, Fla. Republished by L. Maxcy Inc., Frostproof, Fla., a corporation of Florida.

EL MAXIMO

FOR CITROUS FRUIT—NAMELY, FRESH ORANGES, GRAPEFRUIT, TANGERINES, LEMONS, AND LIMES.
Claims use since Aug. 28, 1924.

Reg. No. 204,707. Registered Oct. 20, 1925. G. W. HUME COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

DAWN O'DAY

FOR CANNED FRUITS.
Claims use since May 27, 1925.

Reg. No. 206,970. Registered Dec. 15, 1925. DAN VALLEY MILLS, Danville, Va., a corporation of Virginia. Republished by registrant.

DAN VALLEY

FOR SELF-RISING WHEAT FLOUR.
Claims use since Mar. 30, 1922.

Reg. No. 207,031. Registered Dec. 15, 1925. EDGAR-MORGAN COMPANY, Memphis, Tenn. Republished by Happy Mills, Memphis, Tenn., a firm.

Get Happy!

FOR FEEDS AND FOODSTUFFS FOR POULTRY, CATTLE, HORSES, MULES AND HOGS.
Claims use since May 12, 1925.

Reg. No. 207,058. Registered Dec. 15, 1925. O. O. EATON, Watsonville, Calif. Republished by registrant.

EATONIA

FOR FRESH FRUITS AND VEGETABLES.
Claims use since June 1921.

Reg. No. 214,816. Registered July 6, 1926. EDWARD PRITCHARD, New York, N. Y. Republished by E. Pritchard, Inc., Bridgeton, N. J., a corporation of New Jersey.

"EDDYS"

FOR WORCESTERSHIRE SAUCE, JELLIES, FLAVORING EXTRACTS FOR FOODS, AND MALT AND APPLE VINEGAR.
Claims use since May 1, 1893.

Reg. No. 217,885. Registered Sept. 14, 1926. ALBERT W. SISK & SON, Preston, Md., a firm. Republished by registrant.

I·X·L

The applicants disclaim the color lines exhibited in the drawing, claiming only the three letters as shown.
FOR CANNED VEGETABLES.
Claims use since 1891.

Reg. No. 219,828. Registered Oct. 26, 1926. G. W. HUME COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant..

G. W. H.

FOR CANNED FRUIT—NAMELY, APRICOTS, PEARS, PEACHES; CANNED VEGETABLES—NAMELY, ASPARAGUS, SPINACH.
Claims use since May 11, 1926.

Reg. No. 222,352. Registered Dec. 28, 1926. E. PRITCHARD, INC., Bridgeton, N. J., a corporation of New Jersey. Republished by registrant.

PRIDE OF THE FARM

FOR CATCHUP, CHILI SAUCE, AND RELISH MADE OF CABBAGE, PICKLES, SPICES, AND VINEGAR.
Claims use since on or about Sept. 15, 1898.

Reg. No. 224,600. Registered Mar. 1, 1927. ERNEST S. BAZLEY, doing business as The Bazley Market, Chicago, Ill. Republished by Bazley and Junedale Markets Co., Chicago, Ill., a corporation of Illinois.

CLOVERLANE

FOR BUTTER.
Claims use since May 1, 1926.

Reg. No. 225,642. Registered Mar. 22, 1927. SEACOAST CANNING COMPANY, Eastport, Maine. Republished by R. J. Peacock Canning Co., Lubec, Maine, a corporation of Maine.



FOR CANNED FISH, SPECIFICALLY CANNED SARDINES.
Claims use since about 1905.

Reg. No. 226,619. Registered Apr. 12, 1927. SEACOAST CANNING COMPANY, Eastport, Maine. Republished by R. J. Peacock Canning Co., Lubec, Maine, a corporation of Maine.

HOME RUN



FOR CANNED FISH, SPECIFICALLY SARDINES.
Claims use since about October 1909.

Reg. No. 228,327. Registered May 31, 1927. CHARLES D. PRUNER, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

Golden Gate

The word "Brand" is disclaimed apart from the mark as shown. The drawing is lined for the color red.
FOR FRESH GRAPES, FRESH PLUMS AND FRESH PEACHES.
Claims use since September 1923.

Reg. No. 228,862. Registered June 14, 1927. SEACOAST CANNING COMPANY, Eastport, Maine. Republished by R. J. Peacock Canning Co., Lubec, Maine, a corporation of Maine.



FOR CANNED FISH, SPECIFICALLY SARDINES.
Claims use since about 1905.

Reg. No. 229,211. Registered June 21, 1927. ERNEST S. BAZLEY, doing business as The Bazley Market, Chicago, Ill. Republished by Bazley and Junedale Markets Co., Chicago, Ill., a corporation of Illinois.

JUNEDALE

FOR BACON.
Claims use since Mar. 1, 1926.

Reg. No. 230,495. Registered July 26, 1927. E. A. HOFFMAN CANDY CO. INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

Coquette

FOR CANDY.
Claims use since Jan. 10, 1927.

Reg. No. 232,264. Registered Sept. 6, 1927. STUART KNOX THOMAS, Hanford, Calif. Republished by registrant.

TREASURE

FOR FRESH DECIDUOUS FRUITS, FRESH GRAPES, FRESH VEGETABLES, FRESH CITROUS FRUITS, AND FRESH MELONS.
Claims use since May 20, 1926.

Reg. No. 235,936. Registered Nov. 29, 1927. RUDY-PATRICK SEED COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

OH-BOY
START'EM AND GROW'EM

FOR POULTRY FEEDS.
Claims use since 1925.

Reg. No. 235,937. Registered Nov. 29, 1927. RUDY-PATRICK SEED COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

OH-BOY
LAY 'EM

FOR POULTRY FEEDS.
Claims use since 1925.

Reg. No. 239,079. Registered Feb. 21, 1928. SEACOAST CANNING COMPANY, Eastport, Maine. Republished by R. J. Peacock Canning Company, Lubec, Maine, a corporation of Maine.



FOR CANNED FISH, SPECIFICALLY CANNED AMERICAN SARDINES.
Claims use since about June 1899.

Reg. No. 239,871. Registered Mar. 13, 1928. L. MAXCY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

Peter Piper

FOR FRESH CITRUS FRUITS.
Claims use since Oct. 20, 1927.

Reg. No. 240,113. Registered Mar. 20, 1928. WENATCHEE-OKANOGAN CO-OPERATIVE FEDERATION, Wenatchee, Wash., a corporation of Washington. Republished by registrant.



FOR FRESH APPLES.
Claims use since July 15, 1927.

Reg. No. 240,225. Registered Mar. 20, 1928. ROCKY HILL CORPORATION, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

SUBSTANTIAL

FOR FRESH CITRUS FRUITS.
Claims use since April 1918.

Reg. No. 240,706. Registered Apr. 3, 1928. ROCKY HILL CORPORATION, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

SOLID GOLD

FOR FRESH CITRUS FRUITS.
Claims use since June 1916.

Reg. No. 241,624. Registered May 1, 1928. ROCKY HILL CORPORATION, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

ROCKY HILL

FOR FRESH CITRUS FRUITS AND FRESH DECIDUOUS FRUITS.
Claims use since October 1919.

Reg. No. 242,931. Registered June 5, 1928. ROCKY HILL CORPORATION, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

EMBLEM

FOR FRESH DECIDUOUS FRUITS.
Claims use since September 1925.

Reg. No. 246,920. Registered Sept. 18, 1928. ROCKY HILL CORPORATION, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

Equality

FOR FRESH DECIDUOUS FRUITS.
Claims use since June 1922.

Reg. No. 247,766. Registered Oct. 2, 1928. FILICE & PERRELLI CANNING COMPANY, INC., Gilroy, Calif., a corporation of California. Republished by registrant, present location Richmond, Calif.

SOLIPAK

FOR CANNED FRUITS, CANNED VEGETABLES.
Claims use since Apr. 10, 1928.

Reg. No. 248,116. Registered Oct. 16, 1928. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

U-SERV-IT

FOR CANNED GRAPEFRUIT.
Claims use since Sept. 14, 1927.

Reg. No. 248,534. Registered Oct. 23, 1928. ROCKY HILL CORPORATION, Exeter, Calif. Republished by Rocky Hill Ranches, Exeter, Calif., a corporation of California.

La Suprema

FOR FRESH CITRUS FRUITS AND FRESH DECIDUOUS FRUITS.
Claims use since June 1916.

Reg. No. 254,187. Registered Mar. 12, 1929. TENNESSEE GROVE COMPANY INC., Winterhaven, Fla. Republished by Adams Packing Association, Inc., Auburndale, Fla., a corporation of Florida.

GOLDEN GLOBE

FOR FRESH CITRUS FRUITS.
Claims use since Sept. 11, 1928.

Reg. No. 254,636. Registered Mar. 26, 1929. H. F. BYRD, Winchester, Va. Republished by registrant.

VIRGINIA APPLES
H.F.BYRD
WINCHESTER, VA.

The drawing is lined for the colors red, white, and blue. The words "Virginia Apples" and "Winchester, Va." are disclaimed apart from the mark as shown.
FOR FRESH APPLES.
Claims use since Sept. 1, 1928.

Reg. No. 256,439. Registered May 14, 1929. L. MAXCY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

SKY BOY

FOR FRESH AND CANNED CITRUS FRUITS.
Claims use since Oct. 17, 1928.

Reg. No. 258,441. Registered July 9, 1929. L. MAXCY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

BOB CAT

FOR FRESH AND CANNED CITRUS FRUITS.
Claims use since Oct. 17, 1928.

Reg. No. 258,442. Registered July 9, 1929. L. MAXCY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

Manfilla

FOR FRESH AND CANNED CITRUS FRUITS.
Claims use since Oct. 17, 1928.

Reg. No. 259,280. Registered July 30, 1929. TOLERTON & WARFIELD COMPANY, Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

Pantry Pride

FOR FOOD PRODUCTS — NAMELY, PANCAKE FLOUR.
Claims use since Mar. 1, 1928.

Reg. No. 260,234. Registered Aug. 20, 1929. LINDSAY RIPE OLIVE COMPANY, Lindsay, Calif., a corporation of California. Republished by registrant.

TULCO

FOR CANNED OLIVES.
Claims use since Feb. 1, 1922.

Reg. No. 260,741. Registered Aug. 27, 1929. THE ARNOLD MILLING COMPANY, Sterling, Kans., a corporation of Kansas. Republished by registrant.

Gold Crop

FOR WHEAT FLOUR.
Claims use since March 1928.

Reg. No. 263,371. Registered Nov. 5, 1929. KNICKERBOCKER MILLS CO., New York N. Y., a corporation of New York. Republished by registrant.

Knickerbocker



FOR SPICES, PAPRIKA TEA, COFFEE, AND EDIBLE SEEDS.
Claims use since 1842.

Reg. No. 263,406. Registered Nov. 5, 1929. PACIFIC FRUIT EXCHANGE, San Francisco, Calif., a corporation of California. Republished by registrant.

PACIFIC FRUIT EXCHANGE

The drawing is lined to indicate the color red.
FOR FRESH DECIDUOUS FRUIT.
Claims use since Jan. 2, 1914.

Reg. No. 266,653. Registered Jan. 28, 1930. TALBOT PACKING & PRESERVING COMPANY, Easton and Cordova, Md. Republished by Easton Wholesale Grocery Company, Easton, Md., a corporation of Maryland.

LE GRANDE

FOR CANNED FRUITS, CANNED VEGETABLES AND TOMATO CATSUP.
Claims use since 1916.

Reg. No. 267,380. Registered Feb. 18, 1930. BURGOON & YINGLING, Gettysburg, Pa., a firm. Republished by registrant.

NATIONAL PARK

FOR CANNED PEAS, CANNED BEANS, CANNED TOMATOES, CANNED BEETS, AND CANNED PEARS.
Claims use since Sept. 1, 1920.

Reg. No. 273,133. Registered July 22, 1930. THE CANADIAN FISHERIES, LTD., Halifax, Nova Scotia, Canada, and Portland, Maine, a corporation of the Province of Nova Scotia. Republished by registrant.

SEASWEET

FOR CANNED LOBSTER.
Claims use since July 18, 1929.

Reg. No. 277,683. Registered Nov. 25, 1930. BURNHAM & MORRILL COMPANY, Portland, Maine, a corporation of Maine. Republished by registrant.

BURMOR

FOR CANNED VEGETABLES.
Claims use since July 16, 1930.

Reg. No. 277,973. Registered Dec. 2, 1930. THE DAN VALLEY MILLS, Danville, Va., a corporation of Virginia. Republished by registrant.

WHITE LEADER

FOR PLAIN AND SELF-RISING WHEAT FLOUR.
Claims use since Apr. 3, 1930.

Reg. No. 278,617. Registered Dec. 23, 1930. E. PRITCHARD, INC., Bridgeton, N. J., a corporation of New Jersey. Republished by registrant.

PRIDE OF THE FARM

FOR CATSUP, CHILI SAUCE; RELISH COMPOSED OF PEPPERS, CELERY, CELERY SEED, ONIONS, MUSTARD SEED, VINEGAR, SUGAR, SALT, AND CUCUMBERS; TOMATO JUICE, TOMATO PUREE.
Claims use since Sept. 15, 1898.

Reg. No. 278,770. Registered Dec. 30, 1930. L. MAXCY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

SUPER-SWEET

The word "Sweet" is disclaimed apart from the mark show in the drawing.
FOR FRESH CITRUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, AND TANGERINES.
Claims use since November 1929.

Reg. No. 284,153. Registered June 16, 1931. THE FREMONT KRAUT COMPANY, Pittsburgh, Pa., a corporation of Ohio. Republished by registrant, present location Fremont, Ohio.

SNOW-FLOSS

FOR CANNED SAUERKRAUT.
Claims use since October 1907.

Reg. No. 284,248. Registered June 23, 1931. THE ARNOLD MILLING COMPANY, Sterling, Kans., a corporation of Kansas. Republished by registrant.

THORO-BREAD

FOR WHEAT FLOUR, SELF-RISING FLOUR, GRAHAM FLOUR, WHOLE WHEAT FLOUR AND CORN MEAL.
Claims use since Sept. 19, 1908.

Reg. No. 300,683. Registered Jan. 31, 1933. O. O. EATON, Watsonville, Calif. Republished by registrant.

EATKRISP

FOR FRESH LETTUCE.
Claims use since Mar. 1, 1932.

Reg. No. 302,352. Registered Apr. 11, 1933. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

CITRA-SALAD

The word "Salad" is disclaimed apart from the mark as shown.
FOR CANNED ORANGE AND GRAPEFRUIT SECTIONS.
Claims use since Oct. 1, 1931.

Reg. No. 302,723. Registered Apr. 25, 1933. BURNHAM & MORRILL, Portland, Maine, a corporation of Maine. Republished by registrant.

Golden Dew

FOR CANNED VEGETABLES.
Claims use since Dec. 9, 1931.

Reg. No. 303,354. Registered May 23, 1933. BURNHAM & MORRILL COMPANY, Portland, Maine, a corporation of Maine. Republished by registrant.

Silver Dew

FOR CANNED VEGETABLES.
Claims use since Dec. 9, 1931.

Reg. No. 305,225. Registered Aug. 8, 1933. CANDY PRODUCTS CORPORATION, Owosso, Mich. Republished by Original Allegretti Inc., Chicago, Ill., a corporation of Illinois.

ORIGINAL ALLEGRETTI

FOR CANDIES.
Claims use since Feb. 1, 1903.

Reg. No. 311,940. Registered Apr. 10, 1934. WESTON BISCUIT CO., LTD., Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

Frigid-icies

FOR CAKE WAFERS.
Claims use since Mar. 1, 1932.

Reg. No. 314,306. Registered June 26, 1934. COAST FISHING COMPANY, Wilmington, Calif., a corporation of California. Republished by registrant, present location Los Angeles, Calif.

BALTO

FOR CANNED DOG FOOD.
Claims use since Mar. 15, 1931.

Reg. No. 324,215. Registered May 14, 1935. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

SILVER SHAKER

FOR GRAPEFRUIT JUICE AND BLENDED ORANGE AND GRAPEFRUIT JUICE FOR FOOD PURPOSES AND INCIDENTALLY USED AS AN ADJUNCT IN THE MIXING OF BEVERAGES.
Claims use since Oct. 1, 1934.

Reg. No. 328,745. Registered Oct. 1, 1935. MERCHANTS SERVICE CORP., Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

MICKY

FOR CANNED FOOD FOR DOGS AND CATS AND OTHER ANIMALS.
Claims use since Jan. 25, 1933.

Reg. No. 332,356. Registered Feb. 11, 1936. NORMAN W. STEWART, doing business as Bridgeton Canning Co., Bridgeton, N. J. Republished by Windsor Products Company, Inc., Bridgeton, N. J., a corporation of New Jersey.

SUNBLEND

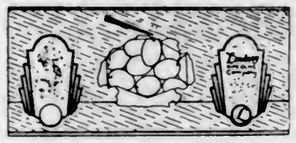
FOR TOMATO CATSUP AND TOMATO PUREE, CHILE SAUCE, TOMATO JUICE, CANNED VEGETABLES.
Claims use since July 9, 1935.

Reg. No. 334,659. Registered May 12, 1936. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.



FOR CANNED FRUITS AND CANNED FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Nov. 15, 1929.

Reg. No. 337,595. Registered Aug. 11, 1936. LINDSAY RIPE OLIVE COMPANY, Lindsay, Calif., a corporation of California. Republished by registrant.



No claim is made to the representation of a label or to the goods apart from the mark as shown.
FOR CANNED OLIVES.
Claims use since September 1932.

Reg. No. 343,678. Registered Mar. 2, 1937. NORMAN W. STEWART, doing business as Windsor Products Company, New York, N. Y. Republished by Windsor Products Company, Inc., Bridgeton, N. J., a corporation of New Jersey.



FOR WORCESTERSHIRE SAUCE.
Claims use since July 24 1936.

Reg. No. 343,716. Registered Mar. 2, 1937. THE GREENCASTLE PACKING COMPANY, Greencastle, Pa., a corporation of Pennsylvania. Republished by registrant.

GREN PAC

The word "Pac" is disclaimed apart from the mark as shown.
FOR CANNED FRUITS, CANNED VEGETABLES, APPLE SAUCE.
Claims use since June 1934.

Reg. No. 344,636. Registered Mar. 30, 1937. THE ESMERALDA CANNING CO., Circleville, Ohio, a corporation of Ohio. Republished by registrant.

COUNTRY COLONEL

FOR CANNED VEGETABLES.
Claims use since Nov. 6, 1936.

Reg. No. 348,780. Registered Aug. 10, 1937. GEORGE WESTON LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

CRACK-ETTES

FOR CRACKERS.
Claims use since August 1934.

Reg. No. 349,896. Registered Sept. 14, 1937. MAME PIERI, Buffalo, N. Y. Republished by registrant.

BUFF-LO-MAID

FOR BOTTLED GOODS—NAMELY, APPLE BUTTER, CHERRIES, JELLY, SPAGHETTI, MUSTARDS, PEPPERS, SALAD DRESSINGS, MAPLE SYRUPS AND ALL THE OTHER NAMED ITEMS IN THE REGISTRATION.
Claims use since June 1905.

Reg. No. 351,007. Registered Oct. 12, 1937. GEORGE WESTON, LTD., Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

CANUCK

FOR CREAM FILLED BISCUITS.
Claims use since November 1928.

Reg. No. 351,008. Registered Oct. 12, 1937. GEORGE WESTON, LTD., Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

FLORAL

FOR BISCUITS AND CRACKERS.
Claims use since November 1928.

Reg. No. 351,185. Registered Oct. 19, 1937. FINE FOODS, INC., Seattle, Wash., a corporation of Washington. Republished by registrant.

NATION'S GARDEN

FOR CANNED FRUITS AND CANNED VEGETABLES, CANNED BERRIES, CANNED KRAUT, AND TOMATO CATSUP.
Claims use since May 14, 1937.

Reg. No. 353,251. Registered Dec. 28, 1937. GEORGE WESTON, LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

FOR COOKIES.
Claims use since 1927.

Reg. No. 353,405. Registered Jan. 4, 1938. HARLINGEN CANNING COMPANY, Harlingen, Tex., a corporation of Texas. Republished by registrant.

BESTEX

FOR CANNED VEGETABLES, CANNED SAUERKRAUT AND CANNED FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Mar. 15, 1937.

Reg. No. 353,451. Registered Jan. 11, 1938. FINE FOODS, INC., Seattle, Wash., a corporation of Washington. Republished by registrant.

STANDBY

FOR MALT SYRUPS FOR FOOD PURPOSES.
Claims use since March 1933.

Reg. No. 353,807. Registered Jan. 18, 1938. KNICKERBOCKER MILLS CO., New York, N. Y., a corporation of New York. Republished by registrant.

ROYAL STANDARD

FOR CANNED FISH, CANNED VEGETABLES, CANNED FRUITS, SPICES, PAPRIKA, SEEDS FOR FOOD PURPOSES, CANNED BERRIES AND OLIVE OIL.
Claims use since 1883.

Reg. No. 353,947. Registered Jan. 25, 1938. GEORGE WESTON, LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

PICARDY

FOR CRACKERS.
Claims use since January 1929.

Reg. No. 354,432. Registered Feb. 15, 1938. RECORG SUPPLY CORPORATION, Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

BEL-DINE

FOR CANNED VEGETABLES, CANNED FRUITS, CANNED FISH, CANNED VIENNA SAUSAGE, FRUIT PRESERVES, SALAD DRESSING, PICKLE RELISH, MUSTARD, TOMATO CATSUP, CANNED PORK AND BEANS, COFFEE, COCOA, TEA, SPICES, OLIVE OIL, WHEAT FLOUR, AND FOOD FLAVORING EXTRACTS.
Claims use since June 15, 1935.

Reg. No. 356,349. Registered Apr. 26, 1938. GEORGE WESTON, LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

ROUND THE WORLD

FOR COOKIES.
Claims use since July 1, 1937.

Reg. No. 358,618. Registered July 19, 1938. FINE FOODS, INC., Seattle, Wash., a corporation of Washington, Republished by registrant.

JIGGLE JELL

The word "Jell" is disclaimed apart from the mark as shown.
FOR GELATINE DESSERT.
Claims use since Jan. 25, 1938.

Reg. No. 359,659. Registered Aug. 30, 1938. MERCHANTS SERVICE CORPORATION, Chicago, Ill., assignor to Recorg Supply Corporation. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

Moon Rose

FOR CANNED FRUITS, DRIED FRUITS, CANNED VEGETABLES, CANNED FISH, CANNED SHRIMP, CANNED OYSTERS, CANNED SOUPS, CANNED FRUIT JUICES FOR FOOD PURPOSES, CANNED TOMATO JUICE, CANNED SAUER KRAUT, CANNED CHILI CON CARNE, CANNED PORK AND BEANS, CANNED SPAGHETTI, CATSUP, COFFEE, TEA, COCOA, SPICES, CANNED APPLE SAUCE, CANNED CRANBERRY SAUCE, FRUIT PRESERVES, PICKLE RELISH, PASTRY, PANCAKE AND WHEAT FLOUR, CANNED HOMINY, AND SALAD DRESSINGS.
Claims use since June 15, 1935.

Reg. No. 367,220. Registered May 9, 1939. ASSOCIATED BISCUIT CO., doing business as Associated Biscuit Co., Inc., and Associated Biscuit Company, Inc., Salamanca, N. Y. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

SCHOOLDAY

FOR CRACKERS AND MORE PARTICULARLY GRAHAM CRACKERS AND GRAHAM WAFERS.
Claims use since on or about Nov. 10, 1938.

Reg. No. 367,772. Registered May 30, 1939. ASSOCIATED BISCUIT CO., doing business as Associated Biscuit Co., Inc., and Associated Biscuit Company, Inc., Salamanca, N. Y. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

FRESHEES

FOR CRACKERS IN VARIOUS SHAPES INCLUDING CRACKERS CONTAINING OR SPRAYED WITH A VEGETABLE OIL.
Claims use since on or about Oct. 8, 1938.

Reg. No. 367,976. Registered June 6, 1939. ASSOCIATED BISCUIT CO., doing business as Associated Biscuit Co., Inc., and Associated Biscuit Company, Inc., Salamanca, N. Y. Republished by Weston Biscuit Company, Inc., Passaic, N. J., a corporation of Delaware.

FRESHEE

FOR BAKERY GOODS—NAMELY, CRACKERS AND WAFERS.
Claims use since on or about Oct. 4, 1938.

Reg. No. 370,095. Registered Aug. 15, 1939. THE FOOD SERVICE, Decatur, Ill., a firm. Republished by registrant.

PURITAN MAID FOOD PRODUCTS

The words "Food Products" are disclaimed apart from the mark as shown.
FOR VARIOUS FOOD PRODUCTS, PARTICULARLY JELLY, HORSERADISH, BARBECUE SAUCE, PICKLES, MUSH, POTATO CHIPS, AND POTATO STICKS, I. E. A SPECIALLY PREPARED FOOD PRODUCT.
Claims use since Jan. 1, 1939.

Reg. No. 370,559. Registered Aug. 29, 1939. WINDSOR PRODUCTS CO. INC., Bridgeton, N. J., a corporation of New Jersey. Republished by registrant.

VANGUARD

FOR TOMATO CATSUP.
Claims use since Mar. 1, 1939.

Reg. No. 371,537. Registered Sept. 26, 1939. O. O. EATON, Watsonville, Calif. Republished by registrant.

VITA KIST

FOR FRESH VEGETABLES.
Claims use since Apr. 17, 1939.

Reg. No. 373,759. Registered Dec. 19, 1939. WINDSOR PRODUCTS COMPANY, INC., Bridgeton, N. J., a corporation of New Jersey. Republished by registrant.

ENN-ESS

FOR TOMATO CATSUP AND TOMATO JUICE.
Claims use since June 30, 1939.

Reg. No. 377,271. Registered Apr. 30, 1940. FINE FOODS, INC., Seattle, Wash., a corporation of Washington. Republished by registrant.

STANDBY

FOR FRESH DECIDUOUS FRUITS, CANNED FRUITS, CANNED VEGETABLES, CANNED SAUERKRAUT, CANNED EVAPORATED MILK, CANNED MALT SYRUP FOR FOOD PURPOSES, CANNED FRUIT JUICES FOR FOOD PURPOSES, CANNED FRUIT COCKTAIL, FRESH CITRUS FRUITS, CANNED VEGETABLE JUICES FOR FOOD PURPOSES, PEANUT BUTTER, CANNED FISH, ROLLED OATS, CANNED TOMATO SAUCE, AND TOMATO CATSUP.
Claims use since June 2, 1925.

Reg. No. 384,828. Registered Feb. 4, 1941. L. MAICY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

TROOPER

FOR FRESH AND CANNED CITRUS FRUITS.
Claims use since July 31, 1940.

Reg. No. 387,365. Registered May 13, 1941. WINSTON AND NEWELL COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.



FOR SALAD DRESSING, SANDWICH SPREAD AND EGG NOODLES.
Claims use since July 1, 1940.

Reg. No. 390,558. Registered Sept. 30, 1941. FINE FOODS, INC., Seattle, Wash., a corporation of Washington. Republished by registrant.

SNOBOY

FOR FRESH DECIDUOUS FRUITS AND VEGETABLES; CANNED FRUITS, VEGETABLES, FRUIT AND VEGETABLE JUICES FOR FOOD PURPOSES; FROZEN FRESH VEGETABLES AND BERRIES; DRIED VEGETABLES; RICE, COFFEE, TEA, CRACKERS, SALT, AND BREAKFAST CEREAL FOODS.
Claims use since Apr. 9, 1925.

Reg. No. 390,938. Registered Oct. 14, 1941. FRUIT GROWERS CO-OPERATIVE, Sturgeon Bay, Wis., a corporation of Wisconsin. Republished by registrant.

PRIDE of LAKES BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR CANNED CHERRIES.
Claims use since July 1928.

Reg. No. 396,921. Registered Aug. 11, 1942. GEORGE WESTON, LTD., Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

Weston's

FOR BISCUITS, CRACKERS AND COOKIES.
Claims use since 1887.

Reg. No. 397,088. Registered Aug. 18, 1942. MORSE AND SKINNER, Lodi, Calif., a co-partnership. Republished by registrant.

COLDAIRE

FOR FRESH FRUITS—NAMELY, FRESH GRAPES.
Claims use since Dec. 23, 1941.

Reg. No. 397,456. Registered Sept. 8, 1942. RECORD SUPPLY CORPORATION, Chicago, Ill. Republished by Paul M. Cooter, doing business as The Cooter Company, Chicago, Ill.

NU-CREST

FOR JAMS, JELLIES, FRUIT PRESERVES, MUSTARD, PEANUT BUTTER, TABLE SYRUP, PICKLES, CATSUP, VEGETABLE SHORTENING, MARASCHINO CHERRIES, AND COCOA.
Claims use since Oct. 1, 1937.

Reg. No. 397,560. Registered Sept. 8, 1942. ALBERT W. SISK & SON, Preston, Md., a firm. Republished by registrant.

ROCKRIDGE

FOR CANNED TOMATOES.
Claims use since September 1909.

Reg. No. 397,920. Registered Sept. 29, 1942. ALBERT W. SISK & SON, Preston, Md., a firm. Republished by registrant.

CHIEF COOK

FOR CANNED TOMATOES.
Claims use since February 1906.

Reg. No. 398,946. Registered Dec. 8, 1942. FRUIT GROWERS CO-OPERATIVE, Sturgeon Bay, Wis., a corporation of Wisconsin. Republished by registrant.

Hi-Dee-Ho

FOR CANNED CHERRIES.
Claims use since Oct. 30, 1940.

Reg. No. 399,854. Registered Feb. 2, 1943. FINE FOODS, INC., Seattle, Wash., a corporation of Washington. Republished by registrant.



FOR FOOD PRODUCTS—NAMELY, FRESH DECIDUOUS FRUITS, FRESH CITRUS FRUITS, FRESH BERRIES AND FRESH VEGETABLES.
Claims use since Apr. 9, 1925.

Reg. No. 402,363. Registered July 13, 1943. ROPER BROS., INC., Winter Garden, Fla., a corporation of Florida. Republished by registrant.

Molly Pitcher

FOR CANNED FRUITS AND VEGETABLES.
Claims use since Nov. 10, 1942.

Reg. No. 405,779. Registered Feb. 22, 1944. WM. T. CROWTHER & SON, INC., Boston, Mass. Republished by Wm. T. Crowther & Son, Inc., Boston, Mass., a corporation of Massachusetts, assignor to Massachusetts Canning Corporation, Boston, Mass., a corporation of Massachusetts.

BOMBO

FOR DOG FOOD.
Claims use since July 1, 1943.

Reg. No. 406,455. Registered Apr. 4, 1944. HAPPY MILLS, Memphis, Tenn., a firm. Republished by registrant.

CHEERFUL

FOR MIXED FEEDS FOR LIVESTOCK AND POULTRY.
Claims use since May 1, 1929.

Reg. No. 409,592. Registered Oct. 10, 1944. PACIFIC GAMBLE ROBINSON COMPANY, Seattle, Wash., a corporation of Delaware.



The words "Cinnamon Roast" and "Flavor" are disclaimed apart from the mark as shown.
FOR COFFEE.
Claims use since Mar. 9, 1944.

Reg. No. 418,333. Registered Dec. 18, 1945. ALBERT W. SISK & SON, Preston, Md., a firm. Republished by registrant.

CONFIDENCE

FOR CANNED VEGETABLES.
Claims use since 1911.

Reg. No. 418,681. Registered Jan. 8, 1946. GEORGE WESTON LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

George Inn

FOR COOKIES.
Claims use since 1933.

Reg. No. 420,304. Registered Apr. 2, 1946. COBB CANNING COMPANY, Cobb, Wis., a corporation of Wisconsin. Republished by registrant.

Pa's Pick

FOR CANNED PEAS.
Claims use since Aug. 21, 1945.

Reg. No. 421,465. Registered June 4, 1946. GEORGE WESTON, LIMITED, Passaic, N. J. Republished by Weston Biscuit Company Inc., Passaic, N. J., a corporation of Delaware.

Weston's

FOR BAKERY PRODUCTS—NAMELY, CRACKERS, COOKIES, BISCUITS AND WAFERS.
Claims use since 1887.

Reg. No. 429,837. Registered May 20, 1947. BROLITE COMPANY, Chicago, Ill., a co-partnership. Republished by registrant.

BROLITE

FOR CULTURE PREPARATION, THE PRINCIPAL INGREDIENTS OF WHICH ARE FLOUR, BUTTER, BUTTERMILK, WATER, SYRUP, MONO CALCIUM PHOSPHATE, SODIUM BICARBONATE, CERELOSE, SALT, NON-FAT, DRY MILK SOLIDS AND YEAST, AND THE PRODUCT IS ADDED TO BATCHES OF BAKERY GOODS IN WHICH FLOUR IS THE PRINCIPAL INGREDIENT, TO IMPROVE THE QUALITY AND FLAVOR OF THE BAKERY GOODS MADE THEREFROM.
Claims use since Nov. 1, 1929.

Reg. No. 432,250. Registered Aug. 26, 1947. SANTA CLARA FROSTED FOODS CO., Santa Clara, Calif., a corporation of California. Republished by registrant.



FOR FROZEN FRESH FRUITS, FROZEN FRESH VEGETABLES.
Claims use since Nov. 15, 1945.

CLASS 47

WINES

Reg. No. 343,000. Registered Mar. 9, 1937. BERINGER BROS., INC., St. Helena, Calif., a corporation of Nevada. Republished by registrant.



FOR WINES.
Claims use since 1876.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 114,576. Registered Dec. 19, 1916. JAMES THOMPSON & BRO., Louisville, Ky. Republished by Glenmore Distilleries Co., Owensboro, Ky., a corporation of Delaware.



FOR WHISKEY.
Claims use since Feb. 6, 1903.

Reg. No. 307,371. Registered Oct. 24, 1933. LANG BROTHERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



All of the words appearing on the drawing are disclaimed except "The Aberfoyle" and the corporate name of the applicant.
FOR WHISKEY.
Claims use since May 17, 1881.

Reg. No. 308,126. Registered Nov. 21, 1933. LANG BROTHERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



FOR WHISKEY.
Claims use since Dec. 30, 1880.

Reg. No. 309,162. Registered Jan. 2, 1934. LANG BROTHERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



The word "Whisky" is disclaimed apart from the mark as shown.
FOR WHISKEY.
Claims use since Oct. 12, 1908.

Reg. No. 311,557. Registered Mar. 27, 1934. LANG BROTHERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



All the writing appearing on the drawing is disclaimed except "Lang Brothers" and the initials "L B W."
FOR WHISKEY.
Claims use since Nov. 17, 1928.

Reg. No. 351,382. Registered Oct. 26, 1937. LANG BROTHERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



The words "Liqueur" and "Whisky" are disclaimed apart from the mark as shown.
FOR WHISKEY.
Claims use since Oct. 12, 1908.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 253,798. Registered Mar. 5, 1929. THE SPEEDAUMATIC COMPANY, Chicago, Ill., now by change of name Speedaumat Addressing Machinery, Incorporated, assignor to Speedaumat Manufacturing Company, Chicago, Ill. Republished by Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware.

Speedaumat

FOR PRINTING PLATES FOR ADDRESSING AND SIMILAR MACHINERY, EMBOSSING MACHINES, ADDRESSING MACHINES, MAILING MACHINES, AND GALLEY TRAYS.
Claims use since 1919.

Reg. No. 399,318. Registered Dec. 29, 1942. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, Ohio, a corporation of Delaware. Republished by registrant.

ADDRESSOcote

FOR PRINTING DEVICES FOR USE IN ADDRESSING AND SIMILAR MACHINES—NAMELY, PRINTING PLATES BEFORE AND AFTER EMBOSSING FOR USE ALONE, PRINTING PLATES BEFORE AND AFTER EMBOSSING FOR USE IN FRAMES, AND FRAMES FOR SAID PLATES.
Claims use since on or about Nov. 22, 1938.

REISSUES

SEPTEMBER 21, 1948

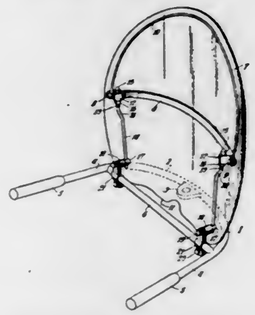
23,039

MOTORCYCLE WINDSHIELD

Anthony Thomas Comiskey, Sr., Chicago, Ill.

Original No. 2,396,493, dated March 12, 1946, Serial No. 595,401, May 23, 1945. Application for reissue February 15, 1947, Serial No. 728,776

9 Claims. (Cl. 296—78.1)



6. In a motorcycle windshield, a transparent, transversely curved screen, a brace extending across and secured to the back of said screen adjacent the middle portion thereof intermediate its top and bottom edges, a pair of supporting rods respectively having their upper end portions secured to said brace adjacent the side edges of said screen, said supporting rods depending from said brace in inwardly spaced relation to said edges of the screen and respectively having lower end portions engageable with clamps for securing the windshield to the handle bar structure of a motorcycle, the portions of said supporting rods intermediate said brace and said lower end portions being free of said screen and exposed but located in proximity to the back of said screen, the latter extending downwardly from said brace for substantially the entire lengths of said exposed supporting rod portions so as to thereby protect the same, said screen being of substantially self supporting rigidity and being supported from the handle bar structure mainly by said supporting rods and brace.

23,040

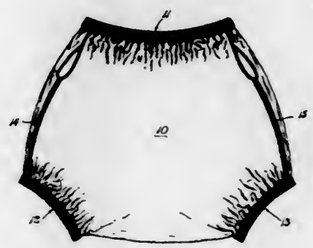
BABY PANTS

Le Roy H. Rand, Brooklyn, N. Y., assignor to Rand Rubber Company, Brooklyn, N. Y., a corporation of New York

Original No. 2,397,751, dated April 2, 1946, Serial No. 580,281, February 28, 1945. Application for reissue August 1, 1946, Serial No. 687,561

7 Claims. (Cl. 128—288)

1. Baby pants comprising a body portion of synthetic film material, a body opening, an elastic band stitched to said body opening with thread, said film being compounded of vinyl resin, plasticizer, calcium stearate, stearic acid, pigment, a silica gel, said film and said stitching cooperating to provide a relatively strong joint capable of withstanding repeated washings and ironings.



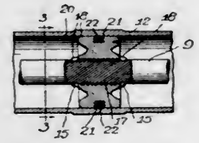
23,041

PISTON AND PISTON ROD ASSEMBLY

Thomas R. Smith, Newton, Iowa, assignor to The Maytag Company, Newton, Iowa, a corporation of Delaware

Original No. 2,361,244, dated October 24, 1944, Serial No. 479,077, March 13, 1943. Application for reissue July 19, 1945, Serial No. 605,961

11 Claims. (Cl. 309—17)



5. A piston and piston rod assembly comprising a piston rod having spiral grooves formed on an intermediate portion thereof, a piston provided with an opening having spiral grooves formed in its inner diameter and mating with the groove formed on the rod, a spiral key spring adapted to be threaded into the grooves on the piston rod and to receive the grooves in the piston for connecting the latter onto the rod, and means for locking the opposite sides of the piston to the piston rod and thereby form a unitary assembly.

PLANT PATENTS

GRANTED SEPTEMBER 21, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

806
ROSE PLANT
Peter Mordigan, San Fernando, Calif., assignor to The Conard-Pyle Company, West Grove, Pa., a corporation of Pennsylvania
Application February 26, 1947, Serial No. 731,022
1 Claim. (Cl. 47—61)

A new and distinct variety of hybrid tea rose plant characterized as to novelty by the extremely rare yellow color of its flowers on an unusually vigorous, well branched and well foliaged plant, substantially as shown and described.

807
IVY PLANT
Joseph Bach, Des Moines, Iowa
Application April 19, 1947, Serial No. 742,665
1 Claim. (Cl. 47—59)

A new and distinct variety of ivy plant, as herein shown and described, characterized particularly by its compact, branching growth; and by the conspicuous variegated coloring of its leaves, comprising a marginal area of a shade of white surrounding an area of grey-green having a contour of similar shape to that of the leaf and containing angular splashes of dark green.

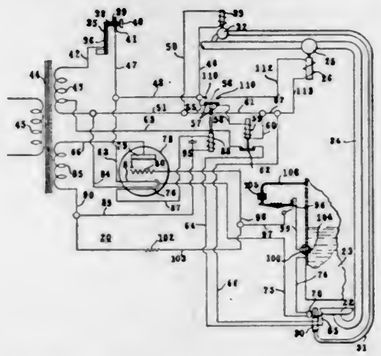
PATENTS

GRANTED SEPTEMBER 21, 1948

2,449,537
RECOVERY OF ACIDIC GASES
Arthur W. Hixson, Leonia, N. J., and Ralph Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, a membership corporation of New York
No Drawing. Application July 12, 1946, Serial No. 683,154
12 Claims. (Cl. 23—178)

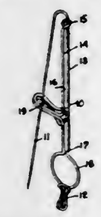
11. In a process for recovering sulfur dioxide from sulfur dioxide-containing gases the steps of adding solid sodium acid fluoride to a solution of ammonium bisulfite under conditions regulated to evolve sulfur dioxide and form solid sodium fluoride and a solution containing ammonium fluoride, recovering the evolved sulfur dioxide, separating the solid sodium fluoride from the solution containing the said ammonium fluoride, partially evaporating the said solution to vaporize water and ammonia and form a solution containing ammonium fluoride, recovering the vaporized ammonia, contacting the said ammonia with sulfur dioxide-containing gas in the presence of water to form an additional quantity of an ammonium bisulfite solution, contacting the solution containing the acid fluoride with solid sodium fluoride to reform the solid sodium acid fluoride and a fluoride solution of diminished acidity, separating the solid sodium acid fluoride from the fluoride solution and returning the said solution to the evaporation operation.

2,449,538
CONTROL APPARATUS
Harold S. Ackerman, Dayton, Ohio, assignor to Hubbard and Company, Pittsburgh, Pa., a corporation of Pennsylvania
Original application November 19, 1940, Serial No. 366,281. Divided and this application July 27, 1943, Serial No. 496,359
5 Claims. (Cl. 122—504)



4. In combination, a main fuel burning means; a tank containing water heated by the main fuel burning means; electrically operated means for controlling the supply of fuel to the main fuel burning means, said electrically operated means including an electric circuit; an electric tube including a cathode, plate and a grid, said cathode and plate being connected in said circuit; means for heating the cathode; means forming a second electrical circuit for controlling the voltage on the grid, said second mentioned circuit including a terminal disposed at a selected minimum water level of the tank and adapted to contact the water at said level, an electrical conductor connected through the tank with the water and through the water in the tank with the terminal when the water contacts said terminal, and a pair of additional electric circuit controlling devices also interposed in said second circuit, one of said electric circuit controlling devices comprising a switch and the other electric circuit controlling device comprising an element having a very high electrical resistance at atmosphere temperatures and decreasing the resistance when heated; means responsive to pressure in the tank for operating the switch; and means comprising a pilot fuel burning means for heating the other electric circuit controlling device.

2,449,539
NECKTIE SECURING DEVICE
Harry R. Birdsell, Cleveland, Ohio
Application February 16, 1945, Serial No. 578,191
4 Claims. (Cl. 24—60)

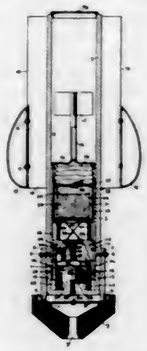


1. A tie securing device, comprising an elongated body part having a piercing tongue which, when the device is in use, is secured to the upper end of the body part, and a guard and holder for the tongue point mounted on its lower end, said tongue when closed in the guard lying close to the body to reduce thickness and bulk, said body part being formed to provide two parallel arms spaced apart and adapted to embrace and to receive in the slot between them the shank of a shirt button, said arms being joined to close the slot at its upper ends and also having outwardly extending portions at their lower ends forming a button-receiving eye, the opening in which communicates with the lower end of said slot by way of a restricted gateway, whereby, when the device is secured to the rear face of a tie in closed and in vertical position with said eye at its lower end, a shirt button may be passed through said eye and through the restricted gateway to a position in said slot in which it is then releasably confined against escape through the closed upper end of said slot.

2,449,540
AIRCRAFT FLARE
Joseph Albin, New York, N. Y.
Application June 9, 1942, Serial No. 446,364
18 Claims. (Cl. 102—35.6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

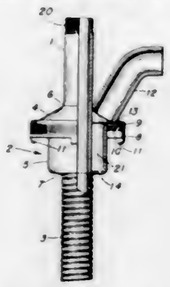
14. In a missile, a projector tube, a flare case fitting said tube, a candle and attached aerial

suspension means in said case, propelling charge means in said tube, means responsive to impact of said missile to detonate said propelling charge means and thereby project said case upwardly for a predetermined time, and explosive means in



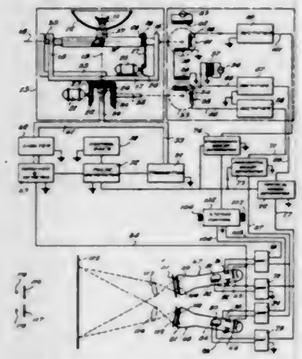
said case including a time train adapted to be ignited by said propelling charge means, to expel said candle and suspension means from said case at the end of a time determined by said time train, and simultaneously to ignite said candle.

2,449,541
DISCHARGE NOZZLE
Anthony Peter Arno, United States Navy
Application August 2, 1945, Serial No. 608,548
1 Claim. (Cl. 226—66)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



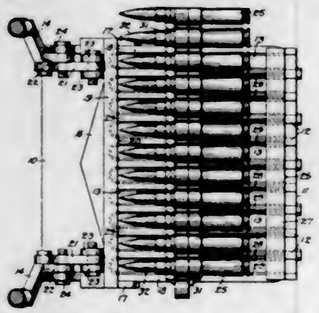
A container filling discharge nozzle comprising a main line, a flexible discharge hose secured to one end of said main line, cap means axially disposed about said main line and secured thereto, said cap means comprising a hub member having an overflow vent therein and a cup-shaped member with a flange portion abutting against said hub member to form a leak-proof chamber within said cap means, means secured to said cap means arranged to cooperate with the inlet of a container being filled to attach said cap means to the inlet, said cup-shaped member having a bottom wall extending a substantial distance below said inlet securing means, said bottom wall having a plurality of openings therethrough providing a fluid escape passage to said chamber and through said overflow passage, whereby the filling of the cointainer is limited to a level below its inlet determined by the depth of said cup-shaped member and thus provide a reservoir to drain the nozzle without overflowing while said nozzle is being removed.

2,449,542
RADIO OBJECT LOCATING DEVICE FOR PRODUCING STEREOSCOPIC IMAGES
Waldemar A. Ayres, Kew Gardens Hills, and Edward C. Streeter, Jr., Old Westbury, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application August 14, 1943, Serial No. 498,606
19 Claims. (Cl. 343—10)



3. In stereoscopic apparatus, a locator for determining the position of an object and the distance of said object from a surface, an indicator actuated by said locator for providing dual images of the position of said object, means for laterally separating said images according to said distance, and means for combining an image of said surface with said dual images.

2,449,543
LINK BELT UNLOADER
Arnold Baker, New Haven, Conn.
Application March 1, 1944, Serial No. 524,576
1 Claim. (Cl. 86—48)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



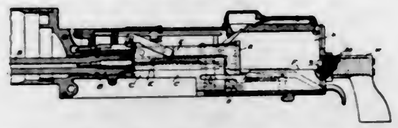
A link belt unloader for use with a link belt loader having a support for the rounds and links, means for urging the rounds rearwardly longitudinally on the support, and abutment means on the support rearwardly of the rounds, comprising a removable crossbar adapted to be positioned on said support against said abutment and having secured to the underside thereof a plurality of planiform vertical parallel plates extending at right angles to said bar and arranged to extend between the rounds with their front ends in position to engage the links and strip them from the rounds when said rounds are moved rearwardly, said crossbar being provided with means adjacent its ends for engaging said support to prevent lateral movement of the crossbar relative thereto and maintain the alignment of the plates between the rounds.

2,449,544
SPARE TIRE CARRIER ATTACHMENT FOR TRUCKS
Dana R. Ballard, Madera, Calif.
Application August 26, 1946, Serial No. 693,043
1 Claim. (Cl. 224—29)



In a tire carrier, a first channel and a second channel for attaching the carrier to truck frame, a bolt pivotally connected to the first channel, a bar having an aperture through which the bolt passes, the bar having a second aperture, a second bolt passing through the second aperture, a plate having an aperture through which the second bolt passes, arms attached to the plate, angle irons pivotally supporting the arms, and means supported by the angle irons to lock the arms in a raised position.

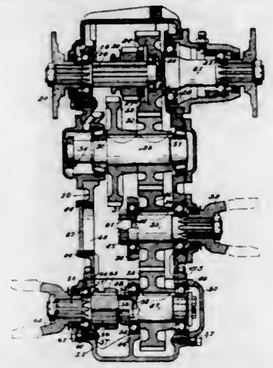
2,449,545
BREECH BLOCK RETURN MEANS FOR THE BROWNING MACHINE GUN
Charles E. Balleisen, Philadelphia, Pa.
Application January 25, 1945, Serial No. 574,600
2 Claims. (Cl. 89—199)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a machine gun, a breech casing having a forward and a rearward portion, a barrel movably mounted in the forward portion of the breech casing, a buffer means mounted in the rearward portion of the breech casing, a breech-bolt slidably mounted in said casing independently of said barrel and buffer means, said breech-bolt being freely movable rearwardly from said barrel on recoil toward the rearward portion and forwardly on counter-recoil away from the rearward portion towards the barrel, said barrel and said buffer means forming the limits of travel of said breech-bolt, said breech-bolt striking against said elastic buffer means on recoil and rebounding from said means in counter-recoil into cooperative relationship with said barrel, said buffer means being the sole means for absorbing the shock of recoil of the breech-bolt by arresting recoil movement thereof and for returning the breech-bolt to cooperative relationship with said barrel by imparting counter-recoil movement to the breech-bolt.

2,449,546
POWER TRANSMITTING MECHANISM
Lawrence R. Buckendale, Detroit, Mich., and Beverly W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich., a corporation of Ohio
Application January 24, 1944, Serial No. 519,508
11 Claims. (Cl. 74—343)

1. Power transfer mechanism for spaced vehicle driving axles, comprising a fixed housing structure, power output shafts for the respective axles, one of said shafts being operatively supported in one side wall of the housing structure, power transmission gearing for said shafts within the housing, means for operatively connecting said gearing with a source of power, the opposite side wall of the housing structure being



provided with spaced openings in axial alignment with said one power output shaft and with one of the transmission gear elements respectively, said openings removably receiving the other power output shaft and means for releasably establishing a driving connection between said gear element and the latter shaft or between the aligned output shafts.

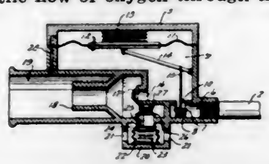
2,449,547
LUBRICATING OIL ADDITION AGENT
Gordon D. Byrkit, Niagara Falls, N. Y., assignor, by mesne assignments, to The Lubrizol Development Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application October 21, 1942, Serial No. 462,837
10 Claims. (Cl. 260—408)

1. As a hydrocarbon lubricating oil improving agent, a halogen-bearing synthetic material obtained by the condensation of a homogeneously halogenated waxy ester with an anhydrous metal salt of a carboxylic acid, said waxy ester being selected from the class consisting of naturally occurring solid and semi-solid waxy esters and synthetic carboxylic acid solid and semi-solid waxy esters, said homogeneously halogenated waxy ester containing a uniform number of halogen atoms per molecule, and said condensation reaction being carried out with an amount of the anhydrous metal salt insufficient to replace all of the halogen in said homogeneously halogenated waxy ester.

2,449,548
AUTOMATIC CONTROL SYSTEM FOR HIGH ALTITUDE PRESSURE SUITS
Henry L. Burns, Yellow Springs, Ohio
Application January 3, 1946, Serial No. 638,902
6 Claims. (Cl. 128—144)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An automatic pressure control system for high altitude flying comprising a pressure suit, a source of oxygen supply having a constant preregulated pressure flow, means for automatically regulating said pressure flow including a differential pressure responsive actuating means in opposing fluid pressure communication with the

source of oxygen supply and the pressure suit, and means mounted in said pressure suit for regulating the pressure within said pressure suit in accordance with the various altitudes and to maintain a constant pressure at a preselected altitude in altitudes higher than the preselected altitude whereby the flow of oxygen through the pressure



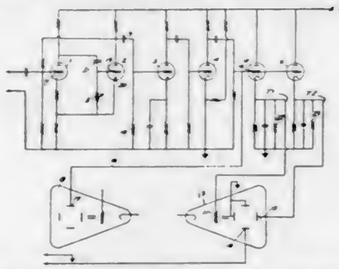
suit is controlled in accordance with the differential pressure acting on said pressure responsive actuating means by pressure in said pressure suit as determined by the suit pressure regulating means and the oxygen supply pressure to sufficiently supply oxygen to a wearer of the pressure suit in all altitudes.

2,449,549

SWEEP CIRCUIT FOR CATHODE-RAY TUBES

Maurice E. Byrne, United States Army, Lewiston, Idaho

Application September 14, 1943, Serial No. 502,271
5 Claims. (Cl. 315—9)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an oscilloscope circuit, a generator of square wave electrical impulses, means for variably controlling the duration of said square wave impulses, a circuit means for generating short electrical impulses at the beginning and end of each of said square wave impulses, a first tuned circuit and a second tuned circuit tuned to a frequency different from said first tuned circuit, means for applying at least one of said short pulses to said first and second tuned circuits whereby said tuned circuits are shocked into oscillation, and a cathode ray tube, of which the grid is connected to said first tuned circuit and one set of deflecting plates is connected to said second tuned circuit.

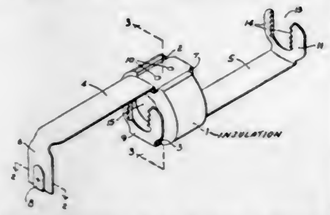
2,449,550

BATTERY ADAPTER

Robert L. Eichberg, Arlington, Va., and Homer R. Montague, Washington, D. C.

Application November 23, 1944, Serial No. 564,890
3 Claims. (Cl. 136—173)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

3. A battery adapter for holding a plurality of cells in parallel electrical connection having in combination a short solid cylindrical mounting member of relatively stiff and inflexible insulating material and having an axial bore therethrough, a pair of electrically conducting straps, each of said straps having an end thereof mounted on an opposite face of said cylindrical member, one end of each of said straps being bent over an end of said cylindrical member, said strap



ends being formed with a slot therein aligned with the bore of said cylindrical member, said slot being bordered with upstanding teeth, the other end of each of said straps being bent over and provided with a raised channel to receive the center electrode of a dry cell, the four bent over ends lying along a common axis.

2,449,551

TELESCOPE MOUNT

John C. Garand, Springfield, Mass., assignor to the United States of America as represented by the Secretary of War

Application June 1, 1945, Serial No. 597,052
3 Claims. (Cl. 33—50)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a firearm, in combination, a barrel having a longitudinal groove therein, a sight base having a substantially semi-cylindrical concave surface shaped to snugly engage said barrel, an inwardly projecting tooth on said sight base engageable in said barrel groove to angularly position said sight base thereon, said sight base having a transverse hole therethrough whereby an aligned hole may be produced in said barrel by utilizing said transverse hole as a jig, and an expanded dowel pin communicating between said aligned holes.

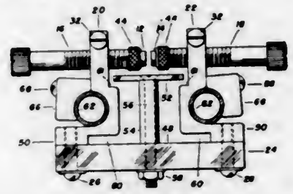
2,449,552

SPARK GAP

John E. Gorham, Spring Lake, and Harold A. Zahl, Long Branch, N. J.

Application January 14, 1943, Serial No. 472,353
14 Claims. (Cl. 250—38)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. A spark gap assembly comprising an insulation base, spaced brackets mounted thereon, electrodes carried by said brackets, a sputter plate disposed between said base and the adjacent ends of said electrodes, and a post supporting said sputter plate on said base, said sputter plate serving to prevent the accumulation of a continuous layer of sputtered metal on said base between said brackets, and the base portion of said brackets being so shaped or undercut as to further shield said insulation base against sputtered metal.

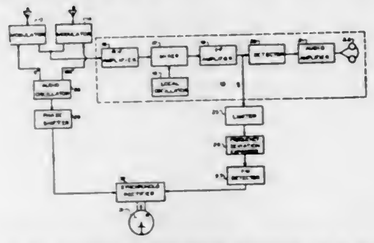


2,449,553

RADIO COMPASS

Paul G. Hansel, Red Bank, N. J.

Application September 14, 1945, Serial No. 616,442
1 Claim. (Cl. 343—121)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



A radio system comprising a plurality of spaced, non-directional aerials, a low-frequency sine-wave oscillator for independently modulating in opposite phase the respective outputs of said aerials, means for combining the modulated waves to derive a resultant phase-modulated wave, a signal-monitoring channel and a compass channel excited in parallel by said resultant wave, said compass channel comprising means for limiting the amplitude and expanding the degree of phase modulation of said resultant wave, a frequency-modulation detector connected to the output of said last named means for deriving a sine wave having a frequency equal to that of the output of said oscillator and a phase relative to said output which is dependent upon the direction and sense of arrival of the received wave, means to shift the phase of the output of said oscillator 90° to derive a second sine wave, a synchronous rectifier energized by said sine waves for deriving a direct current having a polarity and magnitude dependent upon the phase relation of said sine waves, and a polarized direct-current indicator energized by said current.

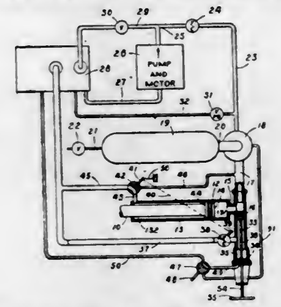
2,449,554

HYDROPNEUMATIC ACCUMULATOR TYPE POWER PLANT WITH DIFFERENTIAL SPEED MOTOR

Carlyle L. Helber, United States Navy, and Frederick B. Gross, Langley, Va.

Application April 19, 1938, Serial No. 202,898
2 Claims. (Cl. 60—51)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A power plant comprising a hydro-pneumatic accumulator, a power cylinder, a piston therein having a piston rod projecting from one end of the cylinder, said piston and rod dividing the cylinder into a large area, high power chamber, and a small area, low power chamber, a conduit of large cross-sectional area connecting the liquid space of the accumulator to the high power chamber to move the piston and piston rod at high speed and high power, a sump, a pump for delivering liquid from the sump to the accumulator to maintain a predetermined pressure therein, an exaust conduit connecting the high power chamber to the sump, a check valve in the exhaust conduit opening to permit flow from the sump to the



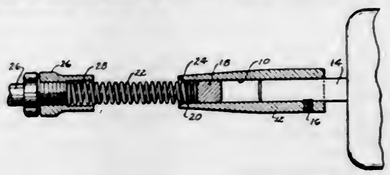
high power chamber, first valve means selectively operable to connect the high power chamber to the exhaust conduit or to the large area conduit, a passage of small cross-sectional area connecting the liquid space of the accumulator to the low power chamber, a large area passage connecting the low power chamber to the sump, second valve means selectively operable to connect the low power chamber to the small area passage or to the large area passage, and means responsive to movement of said second valve means to a position connecting the low power chamber to the small area passage for opening the check valve.

2,449,555

OVERLOAD RELEASE FLEXIBLE COUPLING

Werner B. Hopkins and Ture T. Oberg, Dayton, Ohio

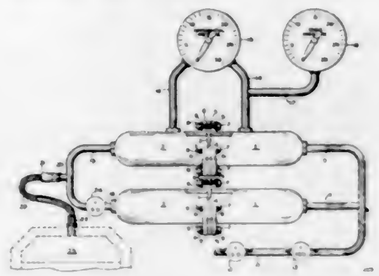
Application November 28, 1945, Serial No. 631,457
5 Claims. (Cl. 192—56)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A coupling of the character described adapted for a preselected direction of rotation, which comprises a driving member, a driven member normally coaxial with and axially spaced apart from said driving member, interfacing ends of said members being provided with cylindrically bored sockets, the socket of the driving member being of much less depth than the socket of the driven member and having a bellmouthed end, a coil spring formed of round wire, coiled to an outside diameter very slightly larger than the bore of said sockets and of a length to drivably connect said spaced apart driving and driven members when the end coils of said spring are contracted and seated in said sockets, the helix of

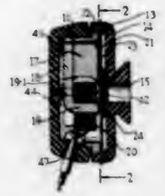
said spring being of such "hand" as will tend to enlarge the diameter of the spring when a load is applied thereto in said preselected direction of rotation, and the strength of the spring being such that a normal load applied in said preselected direction will enlarge the diameter of that part of the spring not contained in the sockets very slightly but a preselected overload applied in said preselected direction will enlarge the diameter of the spring to such an extent that the turns of the spring will press radially against the angle of the bellmouth and thereby remove the end of the spring from the driving member socket.

2,449,556
DIFFERENTIAL LEAKAGE INDICATOR
Henry B. Kirkley, Camden, N. J.
Application July 25, 1946, Serial No. 686,097
3 Claims. (Cl. 73—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



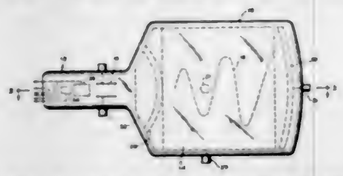
1. Apparatus for indicating leaks in an object, said apparatus comprising a conduit adapted to be connected at one end to the object and at the other end to a source of fluid under pressure, an obstruction in said conduit for restricting flow of fluid through said conduit, said obstruction having therethrough an orifice of small size compared with the size of the conduit, a differential-pressure gage connected to the conduit on opposite sides of said obstruction, and a static-pressure gage connected to the conduit on the side of said obstruction remote from the object.

2,449,557
ELECTROMAGNETIC EARPHONE RECEIVER
William F. Knauert, Yonkers, N. Y., assignor to Sonotone Corporation, Elmsford, N. Y., a corporation of New York
Application February 4, 1944, Serial No. 521,007
5 Claims. (Cl. 179—114)



1. In a telephone receiver: a vibratory diaphragm having a generally circular periphery; a cover wall including a sound outlet duct and extending over the outer side of the diaphragm and forming with it an acoustic transmitting space; a relatively massive driving structure comprising a substantially-rigid aligning member having a continuous, generally-circular, outwardly-projecting rigid seating ridge of curved cross-section against which a peripheral region of the inner side of said diaphragm rests and an electro-acoustic transducing structure secured to said aligning member and located opposite the inner side of said diaphragm; said transducer structure embodying means for exerting unidirectional forces on the central region of said diaphragm and for inducing with electric oscillations of the principal audio-frequency range corresponding vibratory forces exerted on said central region of said diaphragm; said seating ridge having a raised circular surface region engaged by a peripheral region of said diaphragm spaced radially inwardly away from the outer edge thereof; said diaphragm being held pressed against said seating ridge and being maintained in an operative vibrating position thereon solely by the magnetic forces which are exerted on the central portion of said diaphragm; said raised circular surface region of said seating ridge being adjoined by depressed inner and outer circular regions thereof arranged to give the portion of said ridge facing said diaphragm a curved convex cross-section which is so shaped that a raised circular region of said seating ridge shall maintain engagement with a continuous peripheral region of the diaphragm throughout the normal range of the vibratory amplitudes thereof.

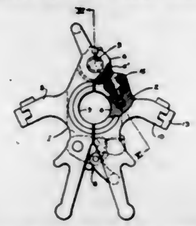
2,449,558
CATHODE-RAY TUBE
Harold H. Lanier, United States Navy, Langdale, Ala., and Robert E. Mueller, United States Navy, St. Louis, Mo.
Application December 14, 1945, Serial No. 635,120
18 Claims. (Cl. 250—164)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In the operation of the cathode ray tube including an electron gun and a fluorescent screen disposed parallel to the axis of the gun, the method of examining a wave form which includes accelerating electrons to form a beam extending generally parallel to and disposed somewhat behind the screen, and intermittently projecting a substantial length of the deflected beam laterally against the screen for observation.

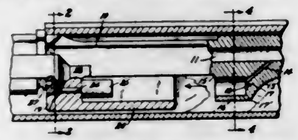
2,449,559
WELL PIPE ELEVATOR
Chester A. Lundeen, Los Angeles, Calif., assignor to Byron Jackson Co., Vernon, Calif., a corporation of Delaware
Application April 6, 1945, Serial No. 586,888
1 Claim. (Cl. 294—90)

In a well pipe elevator, a pair of pipe encircling members, means pivotally interconnecting said members for relative swinging movement into open and closed positions, a U-shaped frame pivotally mounted on one of said members, a roller journalled between the legs of said frame, resilient means urging said frame about its pivot to move said roller toward the axis of pivotal connection between said members and acting on said frame in line with said roller, said frame, roller, and resilient means being within the boundaries of and protected by said member, a cam on the other of said members comprising a portion concentric to the pivot axis of said members and a



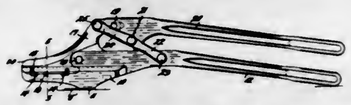
portion extending in a direction having its major component radial to said axis, said latter portion being engageable with said roller when said members are in open position to yieldingly retain said members in open position, said latter portion of said cam being disposed and arranged to force said roller away from said axis against the action of said spring means upon application of a force of predetermined magnitude to said members in closing direction.

2,449,560
GAS OPERATION OF FIREARMS ACTION SLIDES
Samuel W. Marshall, Jr., United States Army
Application July 12, 1944, Serial No. 544,617
1 Claim. (Cl. 89—193)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



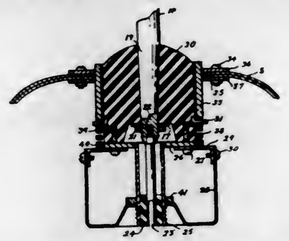
In a gun of the character described, a barrel having a bore terminating at its rear end in a cartridge chamber, a gas cylinder fixed with said barrel and parallel thereto adjacent said chamber, said cylinder having its rear end open, an operating slide guided for movement along said barrel in a rectilinear path parallel with said bore, said path having a greater length than said cylinder, a piston fixed to said slide in a position coaxial with said cylinder and adapted to enter said cylinder during the final portion of the forward travel of said slide, said piston having a loose gas-free fit in said cylinder, there being a first conical recess in the forward face of said piston and having a base diameter slightly less than the diameter of said piston whereby to leave an abutment ring on said face, there being a second conical recess in the forward end wall of said cylinder and having a smaller base diameter than said first recess, there being a rectilinear passageway in a plane containing the axes of said bore and cylinder and extending from the bore of said barrel, rearwardly at an acute angle to said bore and opening through the head of said cylinder outside the base circumference of said second recess, the apex angles of said recesses being of the order of 120°.

2,449,561
SHEAR
Francis L. McGary and Charles E. McGary, Hardinsburg, Ky.
Application October 3, 1944, Serial No. 556,968
6 Claims. (Cl. 30—251)



1. In a shear, a handle, a blade rigid with the handle, a blade pivotally connected to said handle and having a rearward extension, a toggle having pivotally connected links one of which is pivoted to said handle, the other one of said links being pivoted to a rearward extension of said second-named blade, and a handle pivotally mounted on the pivot between the links of the toggle, the last-named handle having a pin-and-slot connection with said rearward extension of the second-named blade.

2,449,562
ANTENNA
Allen S. Meier, Xenia, Ohio, assignor to the United States of America as represented by the Secretary of War
Application October 3, 1944, Serial No. 557,038
2 Claims. (Cl. 250—33)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

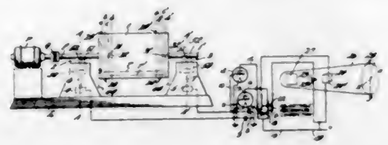


. 1. An antenna and mounting assembly, comprising in combination an antenna having a radially projecting flange spaced from the input end thereof, a socket into the bore of which said antenna is removably disposed with the antenna flange engaging one end thereof and having a frusto-conical outer surface, a dielectric mount that is apertured to receive and provide a mating seat for said socket, means for drawing said socket securely into the aperture in said mount, means engaging said socket for drawing the antenna flange tightly against the end of said socket that is contacted thereby and which means continues to provide an antenna contact, electrical conducting means upon which said mount is secured, and a case in electrical connection with the electrical connecting means and continuing to provide a contact therefor.

2,449,563
BALANCING MACHINE
Nicolai Minorsky, Bethesda, Md., assignor to Gyro-Balance Corporation, Greenwich, Conn., a corporation of Connecticut
Application May 4, 1943, Serial No. 485,656
3 Claims. (Cl. 29—1)

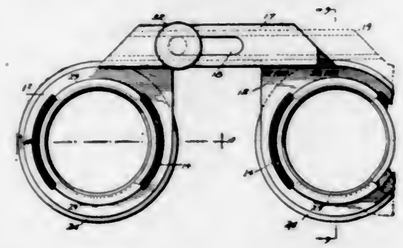
3. A method of balancing a rotor which comprises supporting said rotor at axially spaced

points, affixing weights to said rotor at points spaced from the axis and in a plurality of different planes which include the axis of rotation, rotating said rotor, obtaining a piezo-voltage at each of said points of support proportional to the pressure reactions due to unbalance at said points, amplifying said voltages and converting



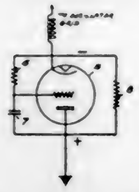
them into a combined visual image which exhibits both the magnitudes and directions of said forces, and selectively removing portions of said weights during rotation, and in accordance with said indication until said image narrows to a point, which corresponds to a state of balance of the rotor, all without interrupting the rotation thereof.

2,449,564
EYEPIECE ADAPTER
Andrew G. Mouisdale, Abingdon, and John N. Bruce, Baltimore, Md.
Application February 2, 1944, Serial No. 520,820
1 Claim. (Cl. 128—140)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



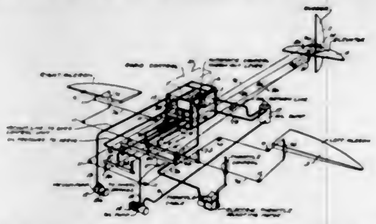
An adapter of the class described, comprising in combination: a bridge member having a lens-frame member extending below one end of said bridge member, the junction of said bridge member and said frame member being in extent substantially of the order of the radius of said frame member, a right-angle transverse edge at the other end of said bridge member, and a rearwardly projecting flange extending along each of the longitudinal margins of said bridge member: a companion bridge member having a companion lens-frame member positioned below the opposite end of said companion bridge member, and a pair of like flanges arranged to slidably interfit with said first-mentioned flanges; each of said bridge members being in extent substantially of the order of the diameter of said frame member; an indicia scale arranged along said opposite end of said companion bridge member for cooperation with said edge; and means for holding said bridge members in selective longitudinal adjustment with each other, said holding means being arranged for coaction with said scale and with said flanges to maintain rigid alignment and interpupillary distances between said frame members.

2,449,565
RADIO SYSTEM
John C. Noble, Bath Township, Greene County, and Ben F. Hardt, Dayton, Ohio
Application March 31, 1944, Serial No. 528,918
2 Claims. (Cl. 179—171.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



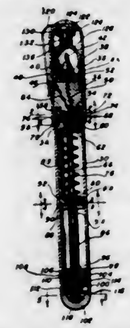
1. In combination with a self-quenched oscillator, an amplitude modulator to produce random pulse signals by random triggering of the quench circuit of the oscillator, said modulator comprising a triode vacuum tube in the circuit between the grid of the oscillator and ground, and means to inject thermal noise voltages into the control grid of the tube.

2,449,566
AIRCRAFT FLIGHT STABILIZING CONTROL UNIT AND SYSTEM
Charles L. Paulus, Dayton, Ohio
Application July 10, 1945, Serial No. 604,282
4 Claims. (Cl. 244—76)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a flight attitude determining unit for aircraft, a movable flight attitude controlling reference member, gyroscope means for determining the reference position of said movable flight attitude controlling reference member, a second flight attitude controlling reference member movable to and from a predetermined cooperating reference relation relative to the first-mentioned flight attitude controlling reference member, servo motor means having an actuated part adapted to be connected to a flight attitude controlling surface of an aircraft for actuation of the flight attitude control surface, a follow-up operating connection between said actuated part of the servo motor means and the second flight attitude controlling reference member constructed and arranged to move the second flight attitude controlling reference member in excess of the movement of the actuating part of the servo motor means, means normally operating the servo motor means in one direction when the first and second flight attitude controlling reference members are in said predetermined cooperating relation to each other to move the second flight attitude controlling reference member in one direction out of cooperative relation with respect to the first flight attitude controlling reference member, means operable while the first and second flight attitude controlling reference members are out of cooperative relation to each other to reversely actuate the servo motor means to actuate the follow-up connection to reversely move the second flight attitude controlling reference member back into cooperative controlling relation with the first flight attitude controlling reference member, whereby the second flight attitude controlling reference member and servo motor means are continuously oscillated back and forth relative to mean reference positions, relative to the position of the first flight attitude controlling reference member and the degree of oscillation of the second reference exceeds the degree of oscillation of the servo motor means.

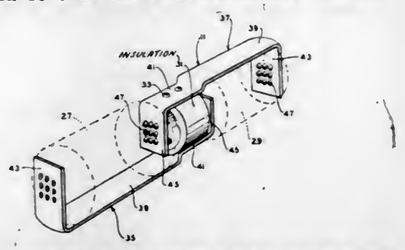
2,449,567
FOUNTAIN PEN
Ludwig F. Perwas, Bronx, N. Y.
Application April 4, 1946, Serial No. 659,591
6 Claims. (Cl. 120—47)



1. In a fountain pen, the combination, which comprises, a tubular housing, plugs threaded in opposite ends of the housing, a head with a conical-shaped outer surface and having a socket in the end carried by the plug at the writing end of the housing, a conical-shaped pen point freely positioned in the socket of the head, resilient means urging the point outward to the writing position, means adjusting the pressure of the resilient means, a piston in the housing, a valve in the piston, a tubular piston rod extending from the piston through the plug in the opposite end of the housing, a cap on the outer end of the piston rod threaded on the plug through which the rod extends, and a tubular vent extending through the piston rod and to a point at the inner end of the head, said head having an outlet passage therethrough communicating with the said tubular vent.

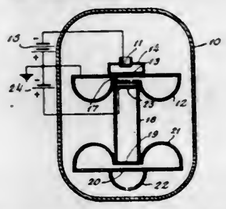
2,449,568
BATTERY MOUNT
Morris A. Shriro, Elberon, and Michael B. Kraus, Jr., Red Bank, N. J.
Application October 3, 1944, Serial No. 557,042
4 Claims. (Cl. 136—173)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. In a mount for two batteries, an insulating support, two yokes secured to opposite sides of said support and wholly supportable thereby, each yoke being made up of electrically conducting material and being substantially U-shaped and including a base and two arms which are springably joined to said base and which extend outwardly from said base at substantially right angles, the two arms of each yoke being provided respectively with gripping contact surfaces facing in the same direction, the said yokes being relatively positioned so that their bases are substantially parallel and so that the proximal arm of each yoke is disposed intermediate the two arms of the other yoke and so that the gripping contact surface



on the proximal arm of each yoke opposes the gripping contact surface on the distal arm of the other yoke, so that the two batteries may be positioned respectively with their electrodes in contact with said two pairs of opposing gripping contact surfaces and may be mechanically supported entirely by said yokes and electrically connected in parallel by said yokes.

2,449,569
ELECTRON BEAM APPARATUS
Russell H. Varian, Wantagh, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application January 18, 1943, Serial No. 472,788
13 Claims. (Cl. 315—5)

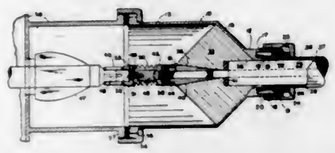


1. High frequency velocity modulation electron discharge tube apparatus, comprising means including a cathode for producing an electron beam, a cavity resonator positioned along the path of said beam and adapted to contain a confined electromagnetic field for interaction with said beam, drift-space means beyond said resonator defining a field-free drift space surrounding the path of said beam beyond said resonator, said beam path being evacuated except for residual gas, and positive-ion-repelling means along said path for producing a potential gradient having its more positive portion closer to said cathode, thereby shielding said drift space from said cathode to prevent draining of the positive ions of said gas from said drift space whereby dispersion of said electron beam is minimized.

2,449,570
ELECTRICAL CONNECTOR
Richard J. Violette, Washington, D. C.
Application August 8, 1945, Serial No. 609,707
6 Claims. (Cl. 174—35)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

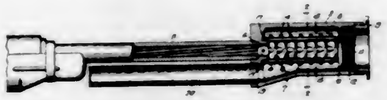
1. A connector for solid dielectric coaxial cables comprising a tubular housing of electrical con-

ducting material fixedly secured and electrically connected to the outer conductor of said cable at one end thereof, flexible connector means within said housing to electrically connect the inner conductor of said cable to the central output terminal contact of an electron discharge tube, said last named means including a bellows member operative to absorb the mechanical stresses incident to lateral and longitudinal dis-



placement of said tube contact with respect to the axis of said inner conductor, a tapered dielectric member concentrically supporting said connector means within said housing and operative to provide an impedance match between said cable and said housing, and fastening means movably mounted on said housing for securing the housing to the shield structure normally enclosing said electron discharge device.

2,449,571
SILENCER FOR FIREARMS
Brooks Walker, Piedmont, Calif.
Application January 31, 1945, Serial No. 575,528
4 Claims. (Cl. 89—14)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

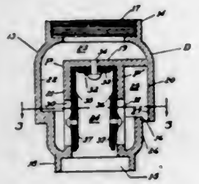


1. In a silencer attachment for a firearm having a rifled barrel, said attachment comprising a hollow body adapted to be connected to the muzzle of said barrel as a continuation thereof and having a central axis, a block of resilient material, a rigid ring bonded to the periphery of said block, a removable retaining member mounted in the outer end of said body and engaging the ring to removably attach the block and ring to said body, and a shoulder on said body against which the inner edge of the ring is held by said retaining member.

2,449,572
POLYSILOXANE RESINS
Charles E. Welsh, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application August 11, 1944, Serial No. 549,135
14 Claims. (Cl. 260—46.5)

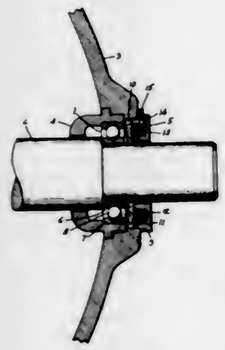
1. A composition of matter comprising a heat-hardenable hydrocarbon-polysiloxane resin containing an average of more than one and less than two hydrocarbon groups per silicon atom, and, as a curing catalyst for the said resin, a small amount of a metal salt of an organic acid soluble in said resin, the said catalyst being present in an amount sufficient to convert the said resin to a heat-hardened, tack-free state.

2,449,573
SAFETY DEVICE FOR FLUID SUPPLY LINES
William Sears White, Denver, Colo.
Application August 31, 1943, Serial No. 500,624
6 Claims. (Cl. 277—60)



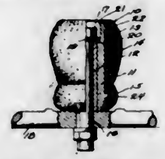
1. A safety device, for a fluid system of the type which includes a flush valve disposed in a line leading to a plumbing fixture, comprising a casing having an inlet and an outlet; a partition in said casing between said inlet and outlet and having a port therein; a second partition disposed between said outlet and a chamber leading to an opening in said casing communicating with the atmosphere, said second partition having a port therein; and means for closing said ports comprising a U-shaped strip of flexible material extending over said ports within said outlet portion and fastened to one of said partitions at a point between said ports.

2,449,574
LUBRICATED BEARING
Donald F. Wilcock, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application January 28, 1947, Serial No. 724,827
6 Claims. (Cl. 308—187)



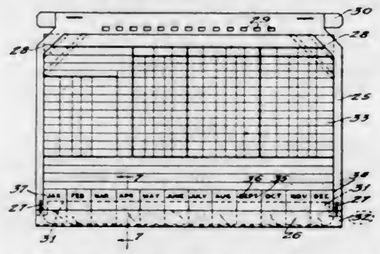
1. In a machine, a rotatable shaft, an anti-friction bearing unit supporting said shaft, means for supporting said bearing unit, porous means adjoining said bearing unit for permitting the passage of oil while preventing the passage of grease to said bearing unit, walls defining an enclosure about said shaft and adjoining said porous means, lubricating grease in said enclosure, a recess formed in at least one of the walls defining said enclosure, and means including an oil wick located in said recess for supplying oil to said grease.

2,449,575
CUSHIONED KNOB
Seymour K. Wilhelm, United States Army Detroit, Mich.
Application October 25, 1945, Serial No. 624,631
6 Claims. (Cl. 74—557)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A cushioned steering wheel or similar knob comprising a rigid core, a relatively narrow first cushioning layer disposed about said core adjacent its upper end, a second cushioning layer disposed about said core and overlaying the first layer, a binder secured about said second layer adjacent the lower end thereof, said first layer and binder cooperating to produce a bulbous enlargement of the second layer and a wear resistant cover secured over said cushioning layers and stitched together to cause the same to conform to the shape of said second layer.

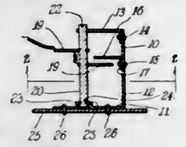
2,449,576
VISIBLE INDEX SIGNAL MEANS
Charles E. Attwood, Chicago, Ill., assignor to Acme Visible Records, Inc., Chicago, Ill., a corporation of Delaware
Application August 25, 1944, Serial No. 551,114
3 Claims. (Cl. 129—16.7)



1. A visible index record device comprising a card holder, a transparent sheath embracing the lower marginal edge portion of said card holder, a record card supported on said holder and extending within said sheath, an elongated signal strip of contrasting color to said card extending within the sheath, and means to secure said signal strips against displacement from said sheath the lower portion of said record card being formed with a plurality of downwardly projecting tongues severally adapted to be positioned in overlying or underlying relationship to said signal strip for signalling cooperation therewith.

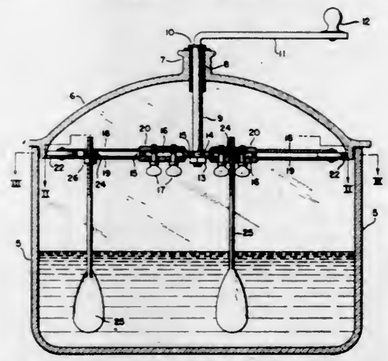
2,449,577
ELECTRICAL CONDENSER
Christopher E. G. Bailey, Bournemouth, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application October 9, 1942, Serial No. 461,469
In Great Britain October 10, 1941
6 Claims. (Cl. 175—41.5)

1. A temperature-responsive electrical condenser unit comprising a first electrode consisting of two substantially parallel metal vanes spacedly positioned in staggered relationship with respect to each other in parallel noncoincident planes, a second electrode consisting of a metal vane spacedly interposed between the first vanes in a plane parallel to the planes of said first vanes, a



rotatable shaft member having one of said electrodes secured thereto to alternately position one of said first vanes and said second electrode adjacent one another, and temperature-responsive means for moving one of said electrodes relative to the other in a direction perpendicular to the planes of the vanes.

2,449,578
STIRRER FOR COOKING VESSELS
Louis L. Barr, Pittsburgh, Pa.
Application February 27, 1947, Serial No. 731,371
1 Claim. (Cl. 259—122)

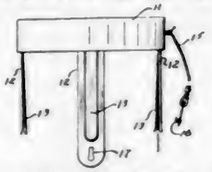


A stirring device comprising a lid adapted to rest upon the upper edge of a pot and having a depending circular flange at its lower edge, of materially less diameter than the smaller diameter of the pot-engaging area of the lid, a vertical shaft extending centrally through the lid, to approximately the lowermost plane thereof, a bracket non-rotatably secured to the lower end of the shaft, stirring devices carried by said bracket and depending therefrom into position to stir the contents of a pot on which the lid is placed, and anti-friction rollers carried by said bracket, on vertical axes, in position to engage the inner annular surface of the said flange and support the shaft against lateral movement.

2,449,579
SLEEVE CUFF HOLDING DEVICE
James A. Barnes, Keokuk, Iowa
Application October 1, 1946, Serial No. 700,535
5 Claims. (Cl. 2—309)

1. A shirt cuff holder comprising an arcuately curved body portion of metallic strip material, a plurality of metallic gripping elements depending from said body portion at the curved periphery thereof, one of said gripping elements being formed with a slot, a flexible member secured to

said body portion at a point removed from said last-mentioned gripping element, and a fastener



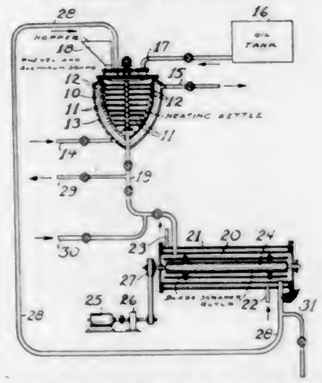
element carried by said flexible member and adapted to lockingly engage with said slot.

2,449,580

LUBRICATING GREASE COMPOSITION

Alan Beerbower, Westfield, and John C. Zimmer, Union, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application December 29, 1945, Serial No. 638,431
3 Claims. (Cl. 252—37)



1. Process for preparing a lubricating grease which comprises thoroughly mixing at a temperature sufficiently high to cause the soap to dissolve in the oil, a viscous hydrocarbon oil, grease forming proportions of an aluminum soap of a saturated fatty acid containing between about 10 and 22 carbon atoms in the molecule, and 0.075 to 3% of resorcinol based on the total composition, rapidly cooling the heated mixture in a flowing stream by artificial chilling substantially below the normal transition temperature of about 140° F., and then allowing the mass to stand.

2,449,581

QUANTITATIVE DETERMINATION OF UNSATURATED ALDEHYDES

Joseph E. Bludworth, Max O. Robeson, and Harry A. Truby, Jr., Corpus Christi, Tex., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application March 27, 1945, Serial No. 585,208
4 Claims. (Cl. 23—230)

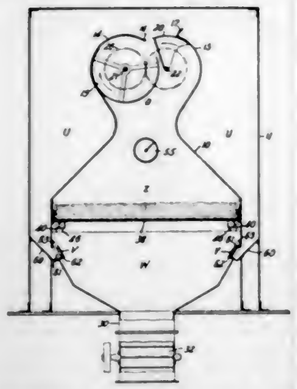
1. Process for the quantitative determination of unsaturated aliphatic aldehydes, which comprises titrating a solution of said unsaturated aliphatic aldehyde in an inert organic solvent containing a double bond addition catalyst with a standardized solution of bromine dissolved in said inert organic solvent until the reaction of bromine with the aldehyde ceases, as indicated by the persistence of the yellow color of bromine in the solution for an appreciable length of time.

2,449,582

PULSATING PNEUMATIC STRATIFIER

Jean Albert Brusset, Blairmore, Alberta, Canada

Application August 3, 1945, Serial No. 608,793
6 Claims. (Cl. 209—468)



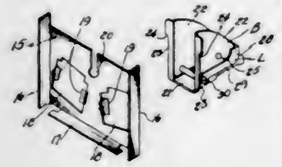
1. In apparatus for classifying a mixture of materials according to specific gravity, a horizontally elongated housing having a slot opening at the top thereof substantially parallel to the longitudinal axis of the housing, a reciprocating inclined pervious deck mounted in said housing intermediate the top and bottom of the latter, intermeshing oppositely rotatable and interacting vane and sleeve members within said housing adjacent to and coextensive with said slot opening and cooperating with the latter to establish successively vacuum and pressure conditions above said deck, and means for imparting reciprocating motion to said deck substantially in the plane thereof in timed relation to establishment of said vacuum and pressure conditions.

2,449,583

CORD LOCK AND BRACKET

Fred J. Burns, Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y.

Application April 22, 1947, Serial No. 743,095
8 Claims. (Cl. 160—173)



1. A cord lock mechanism for Venetian blinds comprising a bracket adapted to span and be securely mounted in a head box, a plurality of pairs of spaced-apart securing members on said bracket, and a cord lock unit engageable with said securing members and shiftable to position for either right or left hand blind operation.

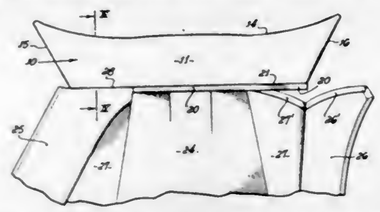
2,449,584

SHIRT COLLAR CONSTRUCTION

Samuel Burton, Los Angeles, Calif.

Application July 1, 1946, Serial No. 680,631
2 Claims. (Cl. 2—139)

1. An improvement in the construction of shirts of the collar-attached type comprising: a foldable collar unit free from stitching along its fold line characterized by absence of raw, unfinished edges and comprising a pair of virtually identical collar surface elements of equal width internally stitched together along the point and back margins of the



collar to form blind seams, the raw edges delineating the marginal edge of the collar normally attachable to a shirt being bound and enclosed with a tape, said tape terminating at the point margin of the collar whereby said collar may be attached to a shirt through said bound edge.

2,449,585

SUPPRESSION OF CORROSION IN FERROUS ALLOY VESSELS IN THE TREATMENT OF HYDROCARBONS

Elza Q. Camp, Goose Creek, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J., a corporation of Delaware

No Drawing. Application August 19, 1946, Serial No. 691,655
8 Claims. (Cl. 196—50)

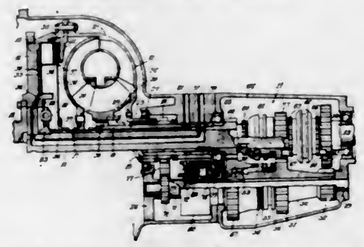
1. A method for treating a hydrocarbon feed stock comprising the steps of subjecting the feed stock in a vapor phase in contact with a ferrous alloy reaction vessel to a high temperature to cause non-catalytic reaction thereof and maintaining a carboxylic acid in the feed stock while it is in the reaction zone to suppress corrosion of said vessel.

2,449,586

TRANSMISSION AND CONTROL THEREFOR

Harold E. Carnagua, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application August 15, 1942, Serial No. 454,971
24 Claims. (Cl. 74—189.5)



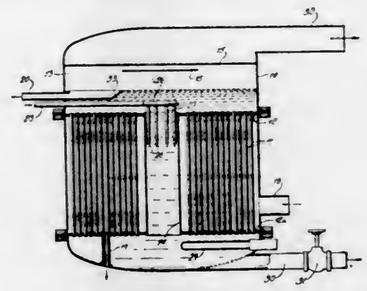
1. In a transmission; the combination of an input shaft; an output shaft; a power train operatively connecting said shafts; a positive type clutch for completing said power train; a hydrodynamic power transmitting device in said power train between said clutch and said input shaft and capable of slipping; said hydrodynamic device producing torque when driven such that the engagement of the positive clutch is rendered difficult when the input shaft is being driven; and means for rendering facile the engagement of said positive clutch including gear means driven from said input shaft and a friction clutch for driving from said input shaft the driven element of said hydrodynamic device in a reverse direction, and a roller clutch in said power train between said positive type clutch and said hydrodynamic device for freeing one element of the positive type clutch with respect to the driven element of the hydrodynamic device on such reverse rotation of the driven element of the hydrodynamic device.

2,449,587

VERTICAL HEATING AND CIRCULATING TUBE STILL

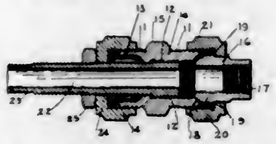
John M. Chambers, Boston, Mass., assignor to Arthur D. Little, Inc., Cambridge, Mass., a corporation of Massachusetts

Application December 15, 1944, Serial No. 568,374
2 Claims. (Cl. 202—237)



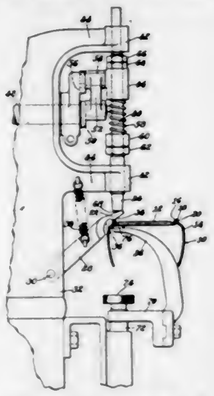
1. Distillation apparatus for the separation of vapor from a solution which comprises a vertically disposed vaporization chamber, a heat exchanger within said vaporization chamber in the form of a heating chest which is disposed between the upper and lower portions of said vaporization chamber and which consists of upper and lower walls, a plurality of vertically extending conduit passages extending through said heating chest and said walls in open communication with solution within said vaporization chamber above and below said heating chest, and a single vertically extending down-comer passage centrally located in said chest and of substantially larger flow capacity than the individual conduit passages of said plurality of conduit passages for returning solution from the portion of said vaporization chamber above said heating chest to the portion of said vaporization chamber below said heating chest, said heating chest separating the said upper and lower portions of said vaporization chamber from each other except for said conduit passages and said down-comer passage, means for introducing a fluid at a temperature above the boiling point of solution within said vaporization chamber into said heating chest to heat and boil solution within said conduit passages by out-of-contact heat exchange through the walls of said conduit passages, means for removing vapor from the upper portion of said vaporization chamber, outlet means for withdrawing residual concentrated solution from the said vaporization chamber, and feed means for supplying fresh solution into said vaporization chamber, said feed means being arranged to forcibly discharge a stream of incoming fresh feed downwardly into said down-comer passage in the normal downward direction of flow of solution within and through said down-comer passage.

2,449,588
ADJUSTABLE PIPE UNION
Floyd R. Clafford, Park Ridge, Ill.
Application August 13, 1946, Serial No. 690,110
2 Claims. (Cl. 285—2)



1. A pipe union for connecting an end of a pipe to a tail pipe, comprising a tail piece nut adapted to be mounted upon said tail pipe, said nut for a portion of its length being interiorly threaded, a barrel exteriorly threaded for a portion of its length adjacent each of its ends adapted to be mounted upon said pipe, one of the threaded ends of said barrel being in threaded engagement with the threaded portion of said nut, a second nut adapted to be mounted for rotational movement upon said pipe, said last-named nut for a portion of its length being interiorly threaded, the threaded portion of said second-named nut being movable upon rotation into threaded engagement with the other threaded end of said barrel, and means for locking said second-named nut in position on said pipe.

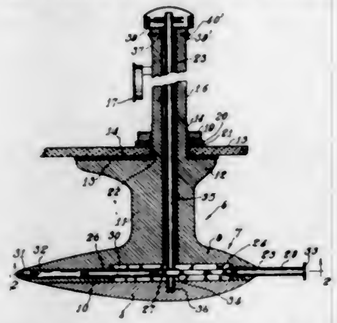
2,449,589
MACHINE FOR OPERATING ON SHOES
George Clarke, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application May 23, 1946, Serial No. 671,723
In Great Britain June 11, 1945
1 Claim. (Cl. 12—51)



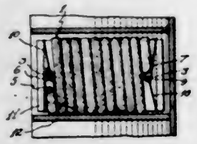
A beating machine comprising a work support, a plunger mounted for reciprocation toward and away from the support, a hammer pivoted upon the frame of the machine and having a work-engaging portion positioned between the plunger and the work support, and a spring operative to maintain the hammer in engagement with the plunger.

2,449,590
BOAT SPEEDOMETER
Roger C. Colpaert, Detroit, Mich.
Application May 24, 1946, Serial No. 672,126
2 Claims. (Cl. 73—186)

1. A speedometer for a boat having a bottom panel comprising a streamlined body adapted to be positioned in the water beneath said panel in fore and aft manner and having a reduced portion adapted to rise through and be sealed in an opening formed in said panel into the interior of the boat, a forwardly spring-pressed plunger working horizontally in said body, said plunger having a water pressure head against which the water presses on forward motion of the boat to move said plunger rearwardly an amount corresponding to the forward speed of the boat, a vertical rotary shaft extending through said reduced portion and into said body, means operatively connecting said shaft and plunger to turn said shaft in opposite directions in accordance with the position and movement of said plunger, a lateral rheostat contact fixed on the upper part of said shaft, a circular rheostat resistance element supported on the upper part of said reduced portion for engagement by said contact.



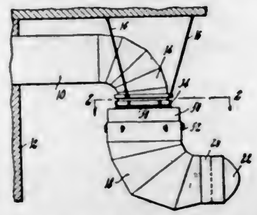
2,449,591
PROTECTIVE PACKING MEANS
Kibbey W. Couse, Newark, N. J.
Application August 30, 1944, Serial No. 551,936
2 Claims. (Cl. 206—46)



1. Means for protecting containers and their contents at least during shipment comprising, a normally flat narrow two-ended belt like hollow air tight tubular body of flexible material adapted to be spirally wound in continuous contact against some part of a container during shipment and capable of assuming various shapes to suit conditions, said body having an air valve whereby the body may be inflated after being placed in protective position with respect to the container.

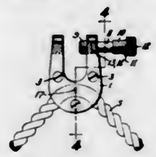
2,449,592
DISTRIBUTOR FOR AIR-BORNE FIBERS
Joseph D. Daddario, Franklin, Mass.
Application April 17, 1947, Serial No. 742,181
2 Claims. (Cl. 19—146)

1. A device for distributing air-borne fibers in a blending room, comprising a delivery pipe having a vertical portion opening downward, a collar with an outturned radial flange secured to the end of said portions, a series of spaced studs projecting radially from said collar above said flange, a vertical roller rotatably mounted on each said stud with an anti-friction bearing, a series of spaced studs projecting up from said flange near the periphery thereof, a horizontal roller rotatably mounted on each said upwardly projecting studs, each said horizontal roller having a portion of its periphery projecting slightly beyond the edge of said flange, a lower collar ro-



tatably surrounding said flange and engaging the projecting portions of said roller peripheries, said lower collar having an inturned radial flange at the upper end thereof resting on said vertical rollers, a pipe elbow extension secured to said lower collar and rotatable therewith, and an adjustable deflector at the lower end of said extension.

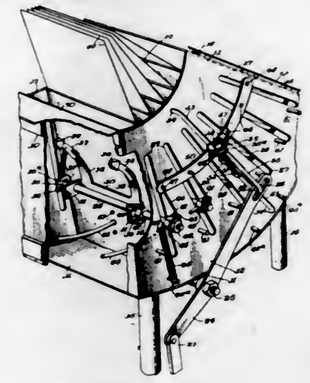
2,449,593
JIB SHEET SHACKLE
Frederick H. Drake, Boonton, N. J.
Application February 20, 1948, Serial No. 9,902
4 Claims. (Cl. 24—115)



1. A jib sheet shackle comprising two complementary plates of approximately U-form, the bases of the U-form plates being relatively deep as measured along the axis of symmetry of the plates, said bases having complementary grooves therein to receive a jib sheet, screw means for detachably securing said plates to each other, alined complementary grooves in the legs of said U-form plates, said alined grooves being threaded, and a bolt having axially spaced threaded portions for engagement in said threaded grooves of the plates, the bolt between said threaded portions being free from threads.

2,449,594
COLLATOR
Joseph M. Druliner, North Hollywood, Calif., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif., a corporation of Delaware
Continuation of application Serial No. 500,504, August 30, 1943. This application June 24, 1946, Serial No. 678,774
9 Claims. (Cl. 270—58)

1. A collator comprising an arcuate series of bins having open and unobstructed inner ends, adapted to hold stacks of sheets respectively, and radially arranged around a common center so that when the sheets are partially ejected through said open inner ends the exposed end margins of the sheets substantially meet at said common center and hence may be grasped together in connection with conjoint withdrawal of the sheets from the bins, means for partially ejecting the sheets from the stacks, and a unitary back stop means extending transversely of all of the bins, and means supporting said stop means in various



positions of adjustment with respect to the inner ends of the bins whereby the working depths of all of the bins may be equally varied in order to adapt the bins to accommodate stacks of sheets that vary in length.

2,449,595
REINFORCED PLASTIC MATERIAL
William D. Ellis, III, Atlanta, Ga.
Application August 19, 1944, Serial No. 550,281
7 Claims. (Cl. 154—43)

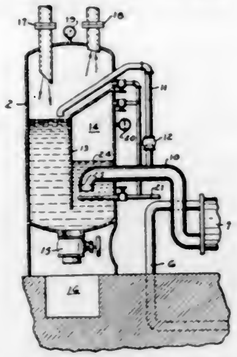


6. A laminated plastic of interbonded layers, each layer comprising a mat of warp strands of relatively large diameter composed of relatively long, loosely interengaged untwisted fibers, said strands being disposed in parallel relation, helically extending threads wrapped about the strands binding the fibers of each strand together filling threads interlacing the warp strands, the strands of each layer extending in parallel relation with respect to the strands of the remaining layers and a hardened plastic which binds the web elements and layers together.

2,449,596
SLUDGE PUMPING APPARATUS
Sigge H. Ericson, Brooklyn, N. Y.
Application August 20, 1946, Serial No. 691,841
5 Claims. (Cl. 103—5)

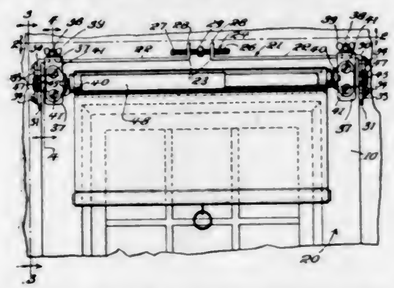
1. An apparatus for pumping viscous material from the inside of a ship into an overside receptacle comprising, in combination, an upright tank, a transmission line communicating with the upper part of said tank, means for introducing air into the inlet end of the transmission line, means for creating a vacuum in the tank to suck the material into the tank, a baffle space

in the lower part of the tank hermetically sealed off from the upper part of the tank and means



for creating a pump suction from the lower part of the baffle space inside the tank.

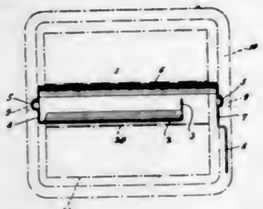
2,449,597
WINDOW BLIND AND CURTAIN ROD HOLDER
Roy R. Ferrenberg, Latrobe, Pa., assignor of twenty-five per cent to Sue Switzer, Latrobe, Pa.
Application January 24, 1945, Serial No. 574,241
1 Claim. (Cl. 248—252)



A device of the character described, comprising a tension bar extending along the upper casing of a window having depending portions adapted to engage the outer edges of said casing, tension means included in said bar to cause said portions to grip said casing, said tension bar including relatively flat portions having their inner ends bent upward to receive said tension means, said flat portions having slots relatively spaced from their outer ends to adjustably support longitudinally thereof L-shaped brackets having means connected thereto for supporting a window blind thereon and T-shaped hangers provided on the outer ends of said flat portions to support means for supporting a curtain rod thereon and means for securing said hanger to said flat portions.

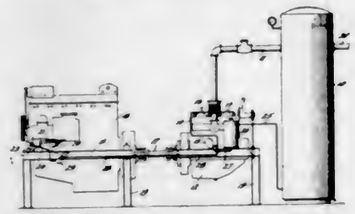
2,449,598
TOILET PAPER HOLDER ATTACHMENT
Anestis Foltis, Jackson Heights, N. Y.
Application April 16, 1946, Serial No. 662,644
2 Claims. (Cl. 242—55.2)

1. A holder for a hollow roll of paper, comprising a body to support said roll, said body having the form of an elongated flat piece of metal bent at several points, and having parallel overlapping sides, said body having transverse supporting parts at each end, one of said parts connecting



said sides, said parts having projections in line with the axis of the holder, one of said parts being flexible and resilient, and extending laterally beyond the body and having a free extremity.

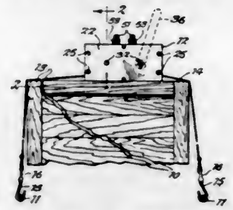
2,449,599
AIR CONTROLLED THROTTLE
Joel B. Fulton, High Point, N. C., assignor to R. L. Brinson Company, trading as Transport Apparatus and Device Company, High Point, N. C.
Application May 28, 1946, Serial No. 672,736
1 Claim. (Cl. 230—3)



In combination: a storage tank for compressed air, an air compressor for suppyling air to the tank, unloader valves on said compressor, an internal combustion engine driving said compressor, a throttle valve for said engine, resilient means operating to advance the throttle valve, pneumatic means mounted on said engine and operable by a pressure increase to retard the throttle valve, an air pressure governor mounted on the compressor, a conduit establishing communication between the governor and the tank, conduits extending from said governor to the unloader valves and to the pneumatic means to unload the compressor and to retard the throttle valve when a predetermined maximum pressure is attained, and a quick release valve interposed in the conduit between the governor and pneumatic means and spaced therebetween, said valve being arranged to open on a fall in air pressure to a predetermined point and cause the quick release of air from the pneumatic means to permit the quick and unopposed action of the resilient means upon the engine throttle.

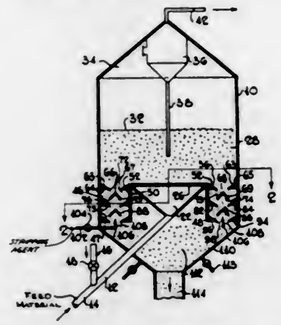
2,449,600
CARGO TIE DOWN
John F. Geiger, Buffalo, N. Y.
Application August 1, 1944, Serial No. 547,613
5 Claims. (Cl. 248—361)

1. A portable and self-contained tie-down device for securing cargo, comprising a box-like structure having apertured end walls, cables having free ends extending through said end walls in opposite directions, and means within the structure for securing each of said cables at various extended lengths, said last named means including locking members mounted on said structure and manually operable to secure said cables against movement with respect to the box and



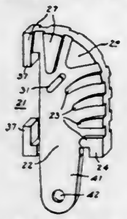
to release each of said cables separately, whereby said device may be applied to various types of cargo and carriers and be located in a plurality of positions between the free ends of said cables and with respect to said cargo and carrier.

2,449,601
APPARATUS FOR CONTACTING SOLIDS AND GASEOUS FLUIDS
Edwin J. Gohr, Summit, Homer Z. Martin, Roselle, and Charles W. Tyson, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application September 16, 1944, Serial No. 554,514
2 Claims. (Cl. 23—288)



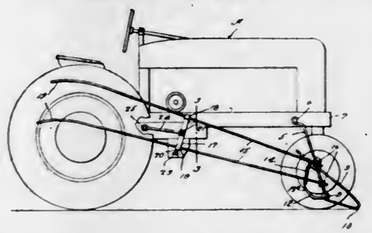
1. An apparatus of the character described including a cylindrical vessel vertically arranged and adapted to contain a dense dry fluidized liquid-simulating mixture of contact particles and gaseous fluid, a centrally disposed horizontally arranged circular distribution perforated plate in the lower portion of said vessel, means for introducing gaseous fluid into said vessel for passage upwardly through said plate, a skirt depending from said plate and concentric with the wall of said vessel and forming an annular space therewith, means for introducing contact particles into said vessel, means for withdrawing gaseous fluid from the upper portion of said vessel, means for introducing a gaseous fluid into the lower portion of said annular space, baffle means in said annular space to provide a tortuous path through said space, said baffle means comprising several pairs of annular baffle members arranged in vertically spaced relation, each pair of annular baffles being so arranged as to deflect the contact particles to a single annular opening substantially centrally of said annular space and annular baffle members of angular cross-section arranged centrally of said annular space and substantially mid-way between each pair of annular baffle members and the next lower pair of annular baffle members said annular space communicating with the lower portion of said vessel above said plate whereby the dense fluidized particle mixture passes down into said space and over said baffle means and means for withdrawing stripped particles from the lower portion of said annular space.

2,449,602
STOKER TUYÈRE
Fred B. Hall, Worcester, Mass., assignor to Riley Stoker Corporation, Worcester, Mass., a corporation of Massachusetts
Application December 12, 1942, Serial No. 468,860
6 Claims. (Cl. 110—44)



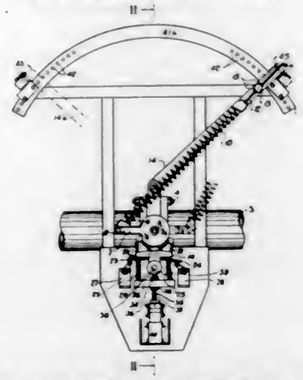
1. A tuyère block for an underfeed stoker comprising an upright web, a series of spaced ribs on the web extending generally horizontally to form channels for the discharge of air from the inner edge of the block, spaced upright ribs on the web adjacent its upper edge, a triangular boss on the web adjacent its upper inner portion or nose, and an angularly positioned rib on the web adjacent the corner of the boss remote from the nose.

2,449,603
CORNSTALK LIFTING DEVICE
Lester Hammon, Poplar Bluff, Mo.
Application August 30, 1944, Serial No. 551,885
2 Claims. (Cl. 56—119)



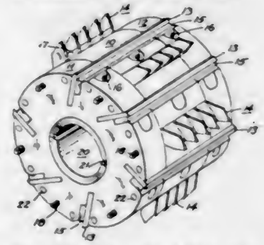
1. In combination with a tractor, a device for lifting fallen or leaning stalks of corn in the field and delivering the same to a corn husker in a substantially upright position, said device comprising a substantially upright elongated bracket, means attaching the upper end of said bracket to one side of the tractor frame near the front of the latter, said bracket being provided at its lower end with a transverse horizontal spindle, a nose member pivoted for rocking movement on said spindle, said nose member being normally yieldingly tilted in a direction to engage its forward end portion with the ground, a pair of spaced elongated rods, means securing the forward ends of the rods to said bracket above said spindle, means connecting the rods intermediate their ends to maintain them in spaced relation, and means attached to said connecting means and secured to said side of the tractor frame rearwardly of the bracket to support the rods in rearwardly and upwardly inclined position, said rods extending to a point adjacent the rear end of the tractor.

2,449,604
QUICK-ACTING VALVE
James O. Jackson, Crafton, Pa., assignor to Pittsburgh-Des Moines Company, a corporation of Pennsylvania
Application April 11, 1946, Serial No. 661,224
17 Claims. (Cl. 137—139)



1. In a quick acting valve device, a valve body, a valve disk mounted for rotation within such body and having a mounting shaft, one end of which extends through and beyond said body, a lever attached to such shaft end and extending at right angles to the axis of rotation of said disk, a member rotatable with said disk and having spaced pawl engaging notches defining two stop positions for said disk, spring actuated pawls for alternately engaging said notches to latch said disk in its two stop positions, a spring stressing agent movable to either side of a line perpendicular to the axis of rotation of said disk and intermediate its stop positions, a spring having one end operatively connected to said lever and the other end operatively connected to said pivoted agent, and a device for unlatching said notched member; the constructure and arrangement being such that when the valve disk is latched in one stop position and said agent is moved to bias said spring toward the other stop position to stress the spring, and the valve disk is unlatched, said disk will be rotated to its second stop position and said spring, after passing its position of least stress, will again be stressed, and such stressing is utilized to eliminate shock due to stopping rotation of the valve disk.

2,449,605
ROTARY CYLINDRICAL SPLITTER AND PLANER HEAD
Gilbert P. Kelton, Dorris, Calif.
Application October 12, 1946, Serial No. 702,918
2 Claims. (Cl. 144—230)



1. A splitter head of the character described having a cylindrical head member made up of three separable sections, a center section and two end sections, pockets for splitter knives formed in the center section only, slots for planer blades extending through all of the sections, and gib screws carried by the end sections for securing the planer blades in their slots.

2,449,606
FLEXIBLE COVER FOR TIRE REPAIR VULCANIZERS AND METHOD OF MAKING
Herman T. Kraft, Akron, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application December 7, 1945, Serial No. 633,427
8 Claims. (Cl. 18—18)

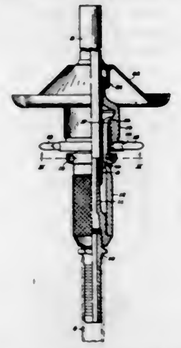


2. A flexible cover for a tire repair vulcanizer comprising a rubber body molded to arch form, rigid bars at the ends of said body, and a steel wire reinforcing cable in said body extending back and forth in a series of convolutions from one end thereof to the other and looped over said bars, said convolutions converging from the central portion of the rubber body to the ends thereof.

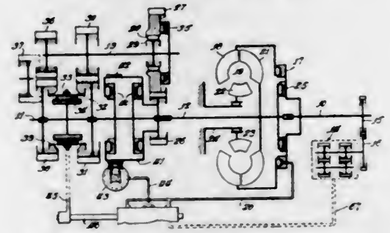
8. The herein described method of making a flexible tire vulcanizer cover which comprises winding a steel cable in closely spaced helical convolutions about spaced parallel bars each having a stretched coil spring thereon so that successive convolutions of the cable lie between successive convolutions of the spring, fixing the central portions of the cable convolutions by adhering thereto a strip of rubber, releasing the ends of the coil springs to cause the ends of the cable convolutions to be drawn closer together, removing the bars, inserting short bars in the loops of the cable, removing the coil springs, completing the cover by covering the cable with rubber, and vulcanizing said cover while it is held under tension.

2,449,607
PIPE COUPLING
Anthony La Riccia, Cleveland Heights, and Thomas W. Plante, Cleveland, Ohio
Application September 18, 1945, Serial No. 617,002
8 Claims. (Cl. 285—171)

1. A coupling comprising a nozzle adapted for connection at its rear end to a fluid-supply pipe and for detachable seating engagement at its front end with a second pipe, a coupling member connected to the nozzle, gripping elements pivoted to said coupling member and movable radially thereof into position to engage the outer surface of said second pipe, and means movable axially on said coupling member to force the gripping elements into tight engagement with said second pipe.



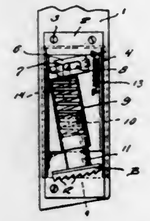
2,449,608
TRANSMISSION AND CONTROL THEREFOR
Braudice Byron Le May, Jr., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application March 8, 1943, Serial No. 478,365
21 Claims. (Cl. 192—3.2)



1. In a transmission, the combination of input and output shafts, a power train between said shafts, a clutch in said power train, a second clutch in said power train, a control mechanically connected with said first-named clutch for engaging the clutch, power operated means for actuating said second clutch, a power operated power control connected with and adapted to move the first-named control, a source of power connected with said power operated means and said power operated power control, said power operated power control being disposed operatively between said power source and said power operated means for engaging said second clutch when said first clutch is engaged and disengaging said second clutch when said first clutch is disengaged.

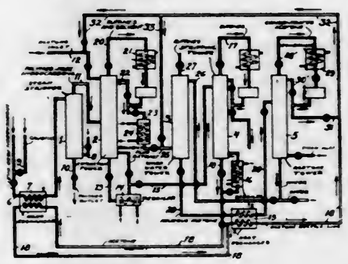
2,449,609
LADDER FOOT
Otto A. Linder and Edward J. Klause, Philadelphia, Pa.
Application January 21, 1947, Serial No. 723,290
3 Claims. (Cl. 228—63)

1. In combination with a ladder or the like a removable foot therefor of the character described comprising, a rectangular plate secured to the lower leg of said ladder, vertical flanges bordering said plate, a U-shaped member slidably mounted within said flanges, resilient means retaining said sliding member upwardly retracted between said flanges, a bracket secured to said sliding member, a T-shaped member carried by said bracket with the leg of said T in an outwardly extended position, a cylindrical tube secured to said sliding



member, a ground engaging foot resiliently carried within said tube, and said T leg being adapted to be lowered and locked against the resilient means to position said foot in an extended ground engaging position for the purpose described.

2,449,610
EXTRACTIVE DISTILLATION OF BUTANES AND BUTENES WITH ACETONE SOLVENT
John D. Long, Westfield, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application April 1, 1943, Serial No. 481,403
5 Claims. (Cl. 202—39.5)

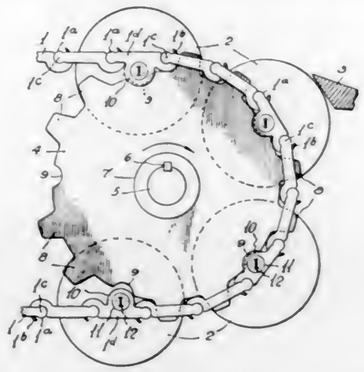


5. A process for separating a mixture containing butenes, butanes and high boiling hydrocarbons comprising distilling said hydrocarbon mixture in the presence of acetone, recovering a distillate fraction richer in said butanes together with a minor proportion of said acetone, recovering a major proportion of the acetone richer in the butenes and high boiling hydrocarbons as a bottoms product, distilling the bottoms product to recover the acetone and high boiling hydrocarbons, adding at least a portion of the acetone and high boiling hydrocarbons recovered from the bottoms product to the distillate fraction prior to recovering any acetone therefrom and then washing the distillate fraction with water to recover acetone free from high boiling hydrocarbons.

2,449,611
ENDLESS CONVEYER FOR FRUIT GRADING MACHINES
McSherry Lupton, Winchester, Va.
Application December 6, 1945, Serial No. 633,144
6 Claims. (Cl. 198—183)

1. In an endless conveyor assembly having two spaced chains and a conveyor surface of a plurality of rollers carried by and between said

chains, axles extending beyond the ends of each roller, each of said chains comprising a closed loop of a plurality of interconnected links, certain of said links having lugs located on that side thereof within the loop of said chains, and said



lugs having journal bearings at right angles to the plane of the respective chains, said roller axles being mounted in said journal bearings whereby the conveyor surface is composed of a plurality of parallel rollers.

2,449,612

SYNTHETIC RUBBERLIKE MATERIALS

William C. Mast, Philadelphia, Chessie E. Rehberg, Glenside, and Charles H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application October 27, 1944, Serial No. 560,586
5 Claims. (Cl. 260—78.3)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

5. A process of preparing a synthetic rubber comprising heating a mixture containing, as monomeric components, an alkyl acrylate and an ester of an alkenyl lactate and a polybasic carboxylic acid in the proportion, by weight, of from 80 to 98% of the acrylate to at least 2% of the ester, to effect copolymerization of the monomeric components, compounding the resulting copolymer with a rubber vulcanizing agent selected from the group consisting of sulfur and benzoyl peroxide, and heating the compounded mixture to effect vulcanization.

2,449,613

REACTIONS OF INORGANIC POLYISOCYANATES AND POLYISOTHIOCYANATES

Henry Charles Miller, Claymont, and Burt Carlton Pratt, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 17, 1943, Serial No. 491,220
18 Claims. (Cl. 260—22)

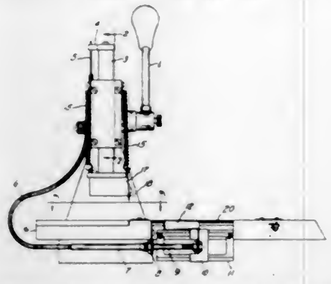
1. Process for improving vegetable oil modified alkyd resins containing a plurality of groups containing active hydrogen which comprises reacting the same, in an essentially anhydrous system, at 20—200° C. with from 0.5 to 10%, based on the weight of the same, of silicon tetraisocyanate.

2,449,614

EQUIPMENT FOR ATTACHING PRICE TAGS TO GREETING CARDS

Neil S. Nageotte, Lansing, Mich.

Application February 27, 1947, Serial No. 731,389
1 Claim. (Cl. 93—88)



A machine for attaching price tags to greeting cards, comprising a handle rotatably attached to a support, a shaft attached to the said handle, the said shaft passing through the said support, a gear securely attached to the said shaft, a toothed bar vertically and movably attached to the said support, the teeth of the said bar meshing with the teeth of the said gear, and the rotatable movement of the said handle causing the said toothed bar to move downwardly and upwardly when the handle is moved counterclockwise and clock-wise, respectively, a block attached to the lowermost end of the said toothed bar, the said block having a flat lower surface, when brought downwardly toward the base to compress a clip positioned thereunder the said block and thereupon the said base, the said compression of the said clip causing a tag to be firmly attached to a card, a cutting blade securely attached to the side of the said block for detaching a tag from the continuous strip, a pair of coil springs attached at one end to the said block and attached at their other end to the upper portion of the said support, and causing the said toothed bar to be drawn upwardly, a wire enclosed in a flexible tube, a tubular arm attached to one end of a wire, the other end of the said wire being securely fastened to an extending member, the said extending member being securely attached to the upper portion of the said toothed bar, the said tubular arm being slidably attached to a finger, the said finger being attached to a carrier, the said tubular arm, the said finger, and the said carrier moving horizontally back and forth as the extending member is moved up and down, substantially as shown.

2,449,615

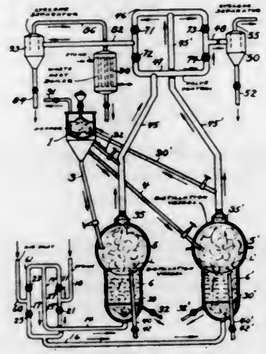
DISTILLATION OF OIL SHALE UNDER FLUIDIZED CONDITIONS

Edward B. Peck, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application August 14, 1942. Serial No. 454,756
2 Claims. (Cl. 202—14)

1. A continuous method of distilling shale to recover valuable hydrocarbons therefrom, which comprises establishing a fluidized mass of finely divided spent shale to which has been imparted a heat content adequate for distillation of raw shale, maintaining the mass in fluidized condition by discharging into it a gasiform material, feeding into said fluidized mass finely divided raw shale for rapid, intimate admixture therewith and distillation primarily by the heat already imparted

to the spent shale, withdrawing spent shale in amount corresponding in general to the amount of raw shale added, withdrawing steam and products of distillation derived from the raw shale by the distillation effect of the hot spent shale, diverting the feed of raw shale to another hot fluidized mass of spent shale when the heat content of the fluidized mass of spent shale being used for distillation has dropped to a point where it is no longer effective for such purpose, passing an oxygen-containing gas into the mass of spent shale from which the feed of raw shale has been di-



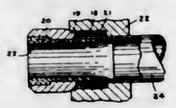
verted, whereby the fluidized state is maintained and combustion of residual carbonaceous components of the spent shale is caused to take place, withdrawing products of combustion, and again feeding raw shale into the fluidized mass of spent shale when it has reached the proper temperature for further use in distillation, the finely divided raw shale to be distilled being preheated by contact with hot gases from combustion of the spent shale, generated from the spent shale occupying its original place, said hot gases being passed into the finely divided raw shale so as to pass upwardly therethrough.

2,449,616

SURFACE CONDENSER

Samuel Pennella, Pompton Lakes, N. J.

Application April 5, 1946, Serial No. 660,000
4 Claims. (Cl. 285—45)



1. A protector for the ends of condenser tubes comprising a sleeve of semi-flexible material having the property of swelling when wetted, an annular head about a portion of said sleeve, said sleeve and head having cooperating annular shoulders thereon for limiting the insertion of the sleeve into the head.

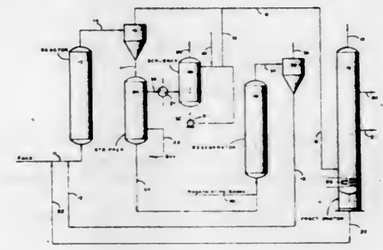
2,449,617

CATALYTIC CRACKING PROCESS

Nick P. Peet, Goose Creek, Tex., assignor to Standard Oil Development Company, a corporation of Delaware

Application June 5, 1945, Serial No. 597,662
6 Claims. (Cl. 196—52)

1. A catalytic cracking process including the steps of contacting a vaporized hydrocarbon feed stock with a powdered solid catalyst in a reaction zone to cause a substantial cracking of the hydrocarbon feed stock, removing a mixture of hydrocarbon vapors and powdered catalyst from the reaction zone and separating it into a light fraction comprising at least a major portion of hydrocarbon vapors and a heavy fraction comprising a substantial portion of powdered catalyst, bringing the heavy fraction into contact with a heated inert gas in a stripping zone to strip residual hydrocarbons therefrom said stripping gas being nonreactive with said residual hydrocarbons and with the catalyst under conditions in the stripping zone, removing a gaseous fraction from the stripping zone, removing spent catalyst from the stripping zone and passing it



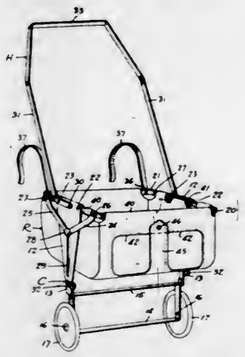
to a regeneration zone, regenerating said spent catalyst in the regeneration zone and admixing said regenerated catalyst with hydrocarbon feed stock being passed to the reaction zone, passing the gaseous fraction removed from the stripping zone to a scrubbing zone and there intimately contacting it with a lean oil to obtain a fixed gas fraction and a scrubbing oil fraction, separately removing the fixed gas fraction and the scrubbing oil fraction from the scrubbing zone, admixing at least a portion of said scrubbing oil fraction with said light fraction removed from the first separating zone and fractionally distilling the mixture in a distillation zone to separate it into a plurality of liquid hydrocarbon fractions.

2,449,618

FOLDABLE CART AND CAR SEAT

Lena L. Pritchard, Los Angeles, Calif.

Application January 31, 1947, Serial No. 725,469
6 Claims. (Cl. 280—36)



1. A device of the class described comprising: a two-wheeled frame; front and rear U-shaped frame members pivotally mounted on said frame

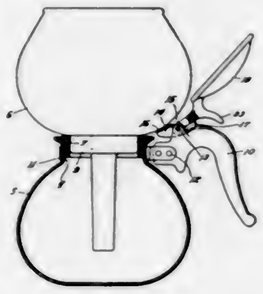
to occupy an extended position wherein they co-act to form a rectangular frame, and a folded position wherein the members are disposed flatly at opposite sides of said wheeled frame to co-act therewith in forming a flat, compact parcel; links pivotally connected at one end to said frame members and pivotally connected together at the other end with a pin and slot connection of the latter with said wheeled frame so as to symmetrically guide and brace the frame members; an open-topped flexible receptacle supported by said frame members; and a U-shaped handle having side members pivotally mounted on said wheeled frame for adjustment of the handle to occupy an extended position for grasping by an operator to wheel the device about, or a folded position wherein the wheeled frame and frame members when folded, are received between the side members of the handle for carrying of the device by the handle.

2,449,619

SEAL BREAKER FOR COFFEE MAKERS

Ludwig Reichold, Winsted, Conn., assignor to The Silex Company, Hartford, Conn., a corporation of Connecticut

Application August 26, 1944, Serial No. 551,291
4 Claims. (Cl. 99—292)



1. For a coffee maker of the character described having a lower and an upper bowl, a handle for said lower bowl having a projection thereon, an inverted U-shaped lever pivotally mounted on said projection with a portion of said lever extending over a portion of said handle and the sides of said lever straddling the said projection and pivotally attached thereto, extensions on said sides, and a cover, movable relative to said lever, pivotally mounted on said projection over the lever and adapted to engage said extensions for operating said lever to raise said upper bowl.

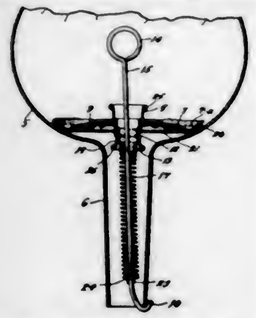
2,449,620

FILTERING DEVICE FOR COFFEE MAKERS

Ludwig Reichold, Winsted, Conn., assignor to The Silex Company, Hartford, Conn., a corporation of Connecticut

Application September 22, 1944, Serial No. 555,279
12 Claims. (Cl. 210—162)

1. A filtering device of the character described comprising an upper perforated plate, a lower perforated plate, cooperating means on said upper and lower plates for securing them together to clamp a sheet of strainer material therebetween, and a spring member attached to said upper plate and extending through an opening in said lower plate for securing said filtering device against the bottom of a container; the said lower plate being slidable over said spring member to permit separation therefrom from the upper plate for replacement of said strainer sheet.

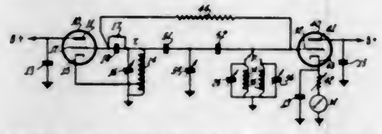


2,449,621

COMPARISON OF RADIO FREQUENCY CIRCUIT LOSSES

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application September 30, 1942, Serial No. 460,203
9 Claims. (Cl. 175—183)



3. Means for comparing circuit losses in a number of resonant circuits including means for introducing selectively into said circuits a radio frequency voltage of the frequency to which said circuits are resonant, means for deriving a direct potential proportional to said radio frequency voltages, means for rectifying solely the voltage developed across said circuits which exceeds in amplitude the amplitude of said direct potential and means for determining the magnitude of said rectified voltages.

2,449,622

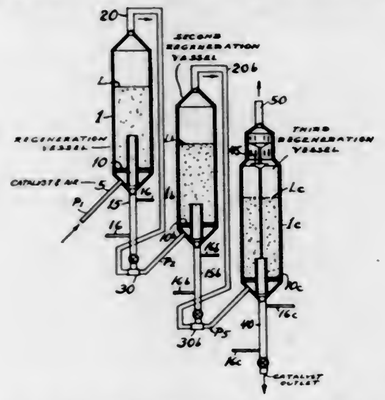
MULTIPLE STAGE REGENERATION OF SPENT CATALYSTS

Bruno E. Roetheli, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application May 15, 1943, Serial No. 487,188
5 Claims. (Cl. 252—242)

1. In the regeneration of powdered catalyst materials contaminated with at most about 1% by weight of carbonaceous deposits the method which comprises passing a mixture of said contaminated catalyst and the total amount of oxygen-containing gas necessary for regeneration of the contaminated catalyst at elevated temperatures and pressures into a first regeneration zone, regulating the linear velocity of said oxygen-containing gas to form a highly fluidized turbulent bed of catalyst in the lower portion of said zone, withdrawing catalyst particles and regeneration gases from said first regeneration zone and passing said withdrawn catalyst particles and regeneration gases into another regeneration zone maintained at a pressure which is lower than that of the first regeneration zone and in which

the catalyst is maintained at a higher temperature than in said first regeneration zone and regulating the linear velocity of the regeneration



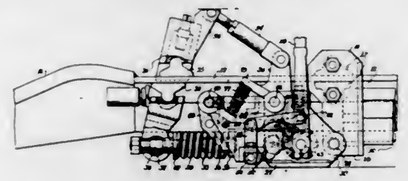
gases passing through said second regeneration zone to form a highly fluidized turbulent bed of catalyst particles in the lower portion of the latter regeneration zone.

2,449,623

FEEDING DEVICE FOR SHAKER CONVEYERS

William W. Sloane, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application October 17, 1946, Serial No. 703,816
6 Claims. (Cl. 198—220)



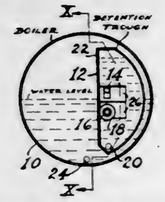
1. In a feeding mechanism for shaker conveyors and in combination with an extensible trough having a shovel on its forward end, a reciprocating trough, a connecting frame transversely pivoted to said reciprocating trough, a carrier member, friction gripping means carried by said carrier member for engagement with said extensible trough during alternate strokes of the conveyor, to extensibly or retractibly move said extensible trough with respect to said reciprocating trough, a link pivotally connecting one end of said carrier member with said connecting frame, another link pivotally connecting the opposite end of said carrier member with said connecting frame, two spaced holding cams, each of said cams being selectively operable to hold one of said links for positive movement with the conveyor during alternate strokes of the conveyor and cause said link to exert a force on said carrier member to engage said grip blocks with said extensible trough during alternate strokes of the conveyor, and a stopping means for each of said links, operable upon the strokes of the conveyor opposite from the extending or retracting strokes thereof to positively disengage said gripping means from said extensible trough, said stopping means being selectively movable into position to serve as a stop for the link positively moved by one of said respective cams and to permit relatively free movement of said other link.

2,449,624

BOILER DETENTION TROUGH

James F. Spaht, Baton Rouge, La., assignor to Standard Oil Development Company, a corporation of Delaware

Application December 7, 1944, Serial No. 567,107
4 Claims. (Cl. 210—14)



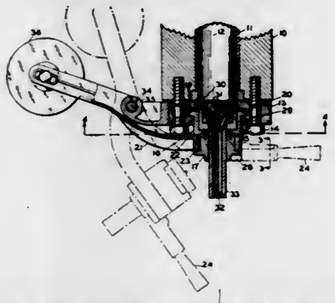
1. A process for removing scale forming constituents from natural water, comprising supplying an aqueous solution of an alkali metal phosphate to a confined treatment zone within a boiler, and subject to heat therefrom, supplying natural feed water to said zone in admixture with a quantity of water from said boiler, said boiler water containing alkaline constituents in sufficient quantity to form in situ with said alkali metal phosphate a tri-alkali metal phosphate sufficient to react with substantially all the scale forming constituents in the natural water, entirely within said treatment zone, and continuously removing reaction products from the lower portion of said zone while discharging the treated water from the upper portion thereof.

2,449,625

DIE ASSEMBLY

Joseph Stuart, II, Wilmington, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War

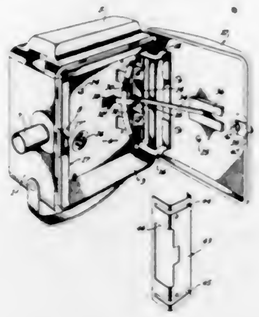
Application December 29, 1945, Serial No. 637,950
3 Claims. (Cl. 18—12)



1. In an extrusion die assembly, a support head adapted to be rigidly attached to the head of an extrusion cylinder, said support head having a central opening axially therethrough, an annular groove extending outwardly from said central opening, and recesses extending from one end of said central opening to said annular groove; a hollow retainer for holding the components of an extrusion die, said retainer having flanges thereon of a size to pass through said recesses to said annular groove and to fit within said groove,

to attach said retainer to said support head upon rotation of the said retainer with respect to said support head; and components of an extrusion die carried by said retainer.

2,449,626
MAGAZINE TYPE CAMERA
Robert A. Suthann, Los Angeles, Calif.
Application October 4, 1946, Serial No. 701,106
8 Claims. (Cl. 88—17)



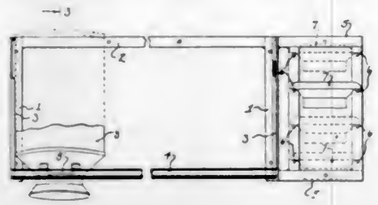
1. A portable motion picture camera including a housing provided with a magazine chamber having a bottom, top, end walls and one side wall, the other side wall being open to provide a loading port, an aperture plate within and carried by one end wall of said magazine chamber, a cover for said loading port hinged to the other end of the chamber opposite the aperture plate, a vertical pin adjacent the hinge of said cover and means, within the magazine chamber for pressing a film magazine against the aperture plate, said means including a bowed leaf spring provided with apertured ends mounted upon the vertical pin for partial rotation thereon, the ends of said spring being longitudinally movable along said pin, and a lateral finger, integral with the spring arranged to contact a side of a magazine within the chamber to eject such magazine upon movement of the spring from its normal position.

2,449,627
OIL PROSPECTING METHOD
William J. Sweeney, Summit, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Original application December 14, 1937, Serial No. 179,676. Divided and this application August 9, 1941, Serial No. 406,220
3 Claims. (Cl. 23—230)

2. A method of geochemical oil prospecting comprising sinking a bore, disposing an adsorbent for hydro-carbon gases therein in such relation to said bore that the gases in said bore have access to the adsorbent, removing said adsorbent and analyzing the gases adsorbed for the presence of significant gases.

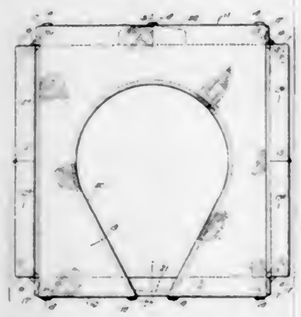
2,449,628
MILK CAN DRYING RACK
Edward P. Swintosky, Kewaunee, Wis.
Application May 6, 1946, Serial No. 667,639
1 Claim. (Cl. 211—75)

A rack of the character described comprising a pair of horizontally spaced L shaped brackets each having a vertical and a horizontal leg, a strap connected to the vertical legs of the bracket, bowed brace rods, each connected to the vertical legs and the horizontal legs of the bracket at a point adjacent the outer ends of the horizontal legs, a rail secured to the horizontal legs and



brace-rods adapted to engage the outer handle of an inverted milk can, the strap being adapted to engage the bottom edge of an inverted can, a skeleton extension connected to the vertical leg of said brackets and pairs of rods extending from the extension adapted to support can tops.

2,449,629
CHILD'S FOLDING SEAT
Edward B. Thompson, Downers Grove, Ill.
Application April 5, 1946, Serial No. 659,982
2 Claims. (Cl. 4—239)

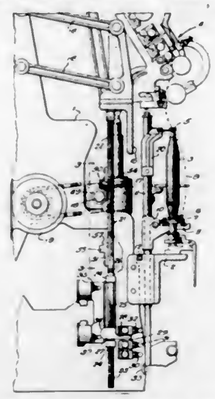


1. A child's collapsible seat of the character described, including: a non-separable collapsible peripheral frame of a size of the same order as a conventional toilet seat, and comprising rigid front and back members and a pair of side members permanently pivotally connected to the front and back members, each side member being hinged in the center in such manner as to be collapsible inwardly only; and a seat member of flexible sheet material having an opening therethrough and adapted to be fastened to the front and back members of the frame.

2,449,630
SPINNER CONTROL MECHANISM
John C. Van Riper, Radburn, N. J., assignor to John H. Hays, Morristown, N. J.
Application November 6, 1947, Serial No. 784,451
9 Claims. (Cl. 57—79)

1. Control mechanism for ring spinners having a draft section vertically movable in increments equal to the upward movement of the ring rail comprising, a control rod vertically depending from the draft section, means to start and means

to stop the movement of the draft rail carried by the control rod, and means carried by the ring

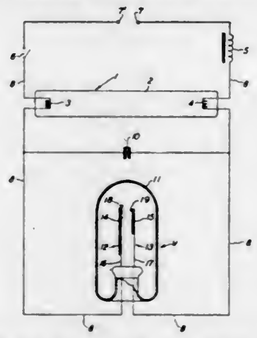


rail assembly to actuate said start and stop means.

2,449,631
OIL COMPOSITION
John C. Zimmer, Union, and Raphael Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 18, 1945, Serial No. 623,186
6 Claims. (Cl. 252—58)

1. A composition of matter consisting essentially of an oleaginous vehicle with a tendency to foam during processing, use or manufacture, and 0.0001 to 10% by weight of a foam inhibiting additive consisting essentially of a liquid non-volatile polymer of a chloro-fluoro substituted olefin of 2 to 10 carbon atoms, said polymer containing 10 to 50 carbon atoms per molecule and having a major part of its normal hydrogen content replaced with said halogens.

2,449,632
GLOW DISCHARGE SWITCH
Daniel Johannes Hindericus Admiraal, Eindhoven, Netherlands, assignor to General Electric Company, a corporation of New York
Application December 5, 1946, Serial No. 714,217
In the Netherlands February 13, 1946
7 Claims. (Cl. 200—113.5)



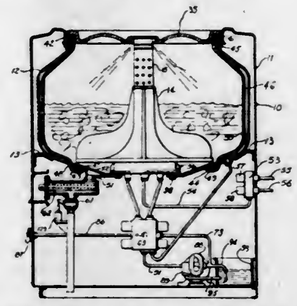
1. A glow switch of the discharge type comprising an envelope containing in ionizable medium and a pair of laminated bimetallic members each having a discharge supporting surface, one of said members being substantially longer than the other and constructed of thicker laminations to produce rapid engagement between the members upon establishment of a glow discharge therebetween and to effect engagement therebetween during at least a part of the return travel during the cooling period by virtue of the difference in the respective temperature-deflection characteristics.

2,449,633
HEADWEAR
Nathan Albert, Jack Albert, and Eli Albert, New York, N. Y.
Application December 24, 1943, Serial No. 515,531
1 Claim. (Cl. 2—172)



A cap having a crown provided with a front visor, a folded band extending from the ends of said visor around the back of said crown and having an inner layer attached at its bottom edge to the bottom edge of said crown and at the top continuing into an outer layer superimposed upon said inner layer and separate therefrom at its bottom edge, and said outer layer having narrow tabs extending slightly inwards of the ends of said visor, a strip of cloth material extending along the back of and attached to said visor, and means for releasably connecting said tabs with said strip, said means comprising buttonholes formed in said tabs and engageable with complementary buttons mounted on said strip, and an elastic strip adjustably mounted in position between the buttons on first named strip for controlling the size of the crown of said cap.

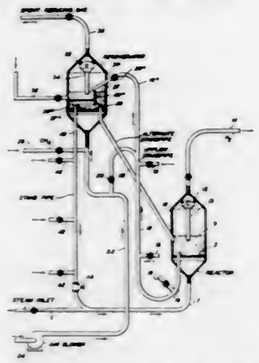
2,449,634
AUTOMATIC WASHING MACHINE
Henry Baade, Cleveland, Ohio, assignor to Visioneering Company, Inc., Cleveland, Ohio, a corporation of Delaware
Application June 10, 1946, Serial No. 675,540
11 Claims. (Cl. 68—12)



1. An automatic washer comprising a tub having a cover secured thereto, an agitator member journalled in said tub for oscillatory movement, a hydraulic motor secured to said agitator for oscillating same, an electrically operated control valve having two tandem valves received in two pairs of opposed valve chambers formed therein, a drain pipe, a solenoid operated valve in said drain pipe, a timer switch for controlling the

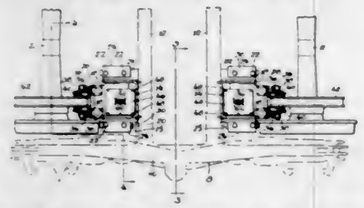
operation of the automatic washer, means connecting said timer switch to said control valve and adapted to position the tandem valves thereof as desired at predetermined portions of an operative cycle to effect desired operation, automatic means controlled by said timer switch for rotating same through a cycle, means connecting said control valve to said motor for flow of liquid thereto for operation thereof and for receiving spent liquid from said motor, means connecting said timer switch to said solenoid valve for actuating same to drain said tub at predetermined points in a cycle, liquid supply means, means connecting said liquid supply means to said tub for filling same and being operated by said timer switch, a flexible diaphragm secured within said tub at the upper and lower extremities thereof to form an enclosure therewith, means connecting said control valve to the enclosure within said tub so that liquid can be inserted therein to expand said diaphragm so as to force it against material in said tub and expel liquid therefrom, and pressure booster means connected to said control valve for receiving liquid therefrom and supplying liquid under pressure thereto, said control valve and said hydraulic motor and the enclosure formed by said flexible diaphragm forming with their connecting means a closed liquid flow circuit.

2,449,635
PRODUCTION OF HYDROGEN
Frank T. Barr, Summit, N. J., assignor, by mesne assignments, to Standard Catalytic Company, a corporation of Delaware
Application October 9, 1946, Serial No. 702,301
In Canada March 19, 1943
3 Claims. (Cl. 23—214)



1. A continuous process for producing hydrogen by reacting steam with metalliferous reducing agents which comprises contacting steam in a hydrogen generation zone at a steam reducing temperature and an elevated pressure of between about 70 and 1500 lbs. per sq. in. gage with a dense, turbulent, ebullient mass of a finely divided solid metalliferous reducing agent fluidized by an upwardly flowing gas to form a well defined upper level, recovering hydrogen overhead from said level, withdrawing fluidized spent solid agent downwardly from said mass, passing withdrawn spent agent under the pseudo-hydrostatic pressure of a fluidized column of said spent agent upwardly to an elevated regeneration zone, contacting said spent agent in said regeneration zone with a fluid regenerating agent at a regenerating temperature and at a pressure substantially lower than said elevated pressure, in the form of a second dense, turbulent, ebullient mass of a finely divided solid fluidized by an upwardly flowing gas to form a well defined upper level, withdrawing fluidized regenerated solid reducing agent downwardly from said second mass, and passing withdrawn regenerated agent under the pseudo-hydrostatic pressure of a second fluidized column of said regenerated agent to said generation zone, said second column having a height not exceeding about 200 ft. and an apparent density of about 50 to 250 lbs. per cu. ft., and the differential between said elevated and lower pressures as determined by said height, amounting to about 70–300 lbs. per sq. in.

2,449,636
BRAKE CYLINDER MOUNTING
Walter H. Baselt, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application July 2, 1945, Serial No. 602,830
20 Claims. (Cl. 188—153)



1. In a brake arrangement for a railway car truck comprising a truck frame including a side rail at each side thereof and a transversely extending member connected to said rail at each side of the transverse center line of said frame, and spaced wheel and axle assemblies supporting said frame adjacent respective ends thereof, the combination of brake means for each assembly comprising a yoke supported by the adjacent member and including spaced arms with ledges on the remote sides thereof, a cylinder housing projecting at its upper extremity into said yoke and comprising torque arms removably connected to respective ledges, a pair of brake levers fulcrumed to said housing and carrying brake shoes, a cartridge cylinder unit in said housing comprising a cylinder and spaced pistons therein bearing against respective levers, said unit being slidably disengageable from said housing and removable from the top thereof without dismantling said levers, and a brake rotor connected to said assembly and disposed between said shoes for braking engagement therewith.

2,449,637
METHOD AND APPARATUS FOR MANUFACTURING FLUORESCENT LAMPS
Harold D. Blake and Wilford J. Winninghoff, Cleveland Heights, Ohio, assignors to General Electric Company, a corporation of New York
Application September 6, 1946, Serial No. 695,264
17 Claims. (Cl. 316—1)

1. The method of manufacturing electric fluorescent lamps in a sequence of operations which comprises heating a partially manufactured lamp, having a bulb with a coating of a fluorescent material and a binder on the interior thereof and having a passage through to said interior, to cause the binder to burn and be separated from the coating, exhausting the lamp through the passage directly following the heating operation before said lamp cools appreciably to remove all

exhaustible materials therefrom, introducing into the lamp immediately after the final exhaustion thereof an ionizable gas and a discharge support-



ing material through the passage, and thereafter sealing the passage in the lamp to permanently seal said lamp.

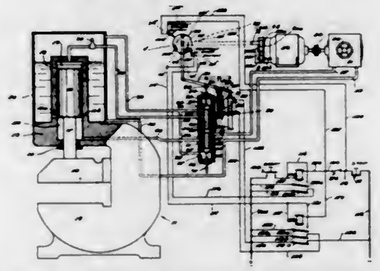
2,449,638
SUBSTITUTED GLYCINAMIDES
William F. Bruce, Havertown, and Joseph Seifter, Willow Grove, Pa., assignors to Wyeth Incorporated, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application May 10, 1946, Serial No. 668,786
3 Claims. (Cl. 260—558)

3. A physiologically active compound comprising essentially a compound from the group consisting of compounds having the general formula

$$R_1NHCH_2CONHR_2$$

where R_1 stands for an aralkyl having 3 carbon atoms in the alkyl chain and R_2 stands for a diarylalkyl; and the non-toxic salts of said compounds.

2,449,639
HYDRAULIC PRESS SYSTEM WITH CONTROL MEANS YIELDING HIGH-SPEED OPERATION THEREOF
Earl Cannon, Rockville Centre, N. Y., assignor to E. W. Bliss Company, Brooklyn, N. Y., a corporation of Delaware
Application January 13, 1943, Serial No. 472,184
6 Claims. (Cl. 60—52)

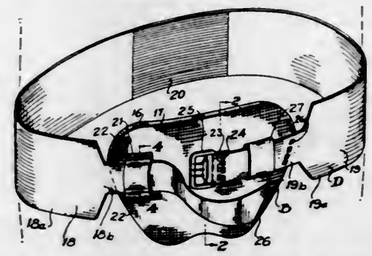


1. In a hydraulic, material-forming press system, the combination of a distributing valve having a movable valve element shiftable from either to the other of an operating range of movement adapted to control delivery of liquid to a hydraulic press so as to continuously operate the latter, and an idling range of movement adapted to control delivery of liquid to such a press so as to cause the press to open and remain open, means for continuously actuating said valve element, and means for shifting the latter from either to the other of the two said ranges of movement thereof, the said actuating means comprising a valve gear, and a motor connected through said valve gear to said valve for operating the latter, the said shifting means comprising an oscillating lever, connected to said valve element and constituting a part of said valve gear, and means for varying the fulcrum-point of said lever, the latter means comprising a solenoid having a core to which the lever is pivotally connected at its fulcrum-point.

2,449,640
SOLUTIONS OF RIBOFLAVIN
Jesse Charney, New York, N. Y., assignor to Wyeth Incorporated, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application June 11, 1946, Serial No. 676,097
6 Claims. (Cl. 167—81)

1. A liquid solution for oral or parenteral use comprising riboflavin in solution in a liquid medium selected from the group consisting of water and propylene glycol, in a concentration higher than that obtainable in said medium alone, and a monohydroxy, monoalkoxy benzaldehyde solubilizing agent, the monoalkoxy group containing not more than 5 carbon atoms therein.

2,449,641
ABDOMINAL SUPPORT
John Cidissen, Los Angeles, Calif.
Application August 9, 1946, Serial No. 689,497
1 Claim. (Cl. 128—96)



An abdominal support, including: a sheet of inflexible material of concavo-convex form; a pad of compressible material covering the concavo side of said sheet; said sheet having perforations therein; and a belt having its buckle end secured to the convex side of said sheet by stitching extending through said perforations; and a belt loop secured to the convex side of said sheet by stitching extending through other perforations in said sheet, and receiving the other end of said belt.

2,449,642
WELL WASHER AND TESTER
William H. Coons, Lomita, Calif.
Application April 13, 1946, Serial No. 661,944
1 Claim. (Cl. 166—20)

In a device of the class described, an inner barrel adapted to be supported by a string of drill pipe supporting a catcher adapter, a catcher supported by said catcher adapter operable to engage a well casing when said device is rotated in respect to said casing, a valve opening in said catcher adapter, a ball valve adapted to seat on and close said opening, a valve actuating member supported by said inner barrel having a shoulder

thereon, means connecting said actuating member and said valve to open said valve, a floating barrel slidable upon said inner barrel, a pair of expansible collars spaced apart, one of said expansible collars attached to said inner barrel adjacent the upper end of said floating barrel, an expander attached to the upper end of said floating barrel, adapted to expand said last-mentioned expansible collar against said casing, the other of said expansible collars mounted upon an



adapter slidable on said inner barrel and an expander attached to the lower end of said floating barrel adapted to expand said last-mentioned expansible collar, said adapter being affixed to said catcher adapter, whereby locking said catcher and lowering said inner barrel will force said mandrels to expand said expansible collars and seal off a section of said casing and to close said valve, ports opening through said inner and floating barrels forming a passage from the interior of said barrels to said sealed off section of said casing.

2,449,643

BENZONITRILE PRODUCTION FROM BENZENE OR DIPHENYL AND HCN

John N. Cosby, Morristown, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York

No Drawing. Application April 26, 1946, Serial No. 665,339

6 Claims. (Cl. 260—465)

1. The process for the production of benzonitrile which comprises heating a reaction mixture containing hydrocyanic acid gas and vapors of a compound from the group consisting of benzene and diphenyl at temperatures in the range 500° C. to 1100° C., at which temperatures the hydrocyanic acid and said compound react forming benzonitrile, said reaction mixture initially containing 1 to 10 mols hydrocyanic acid for every 1 mol benzene plus ½ to 5 mols hydrocyanic acid for every 1 mol diphenyl.

2,449,644

PRODUCTION OF N.N DIBUTYL PHENETHYLAMINE

Joseph D. Danforth, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application October 19, 1944, Serial No. 559,476

1 Claim. (Cl. 260—577)

A process for the production of an aryl alkyl amine which comprises reacting styrene with dibutylamine at a temperature of from about 0° C. to about 150° C. in the presence of a catalyst comprising essentially the reaction product of metallic sodium with dibutylamine.

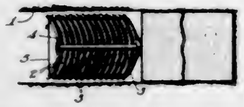
2,449,645

BLASTING PLUG

James Q. du Pont, Wilmington, Del., and Earl R. Jones, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application February 13, 1947, Serial No. 728,264

4 Claims. (Cl. 102—30)



1. A blasting plug comprising a plurality of disk-shaped bodies of flexible material having a resilient lamella paired with each of said bodies of flexible material and securely attached thereto, said resilient lamellae being of diameters less than the bodies of flexible material; and releasable means holding both disks of flexible material and the resilient lamellae in deformed position of reduced diameter, said plug being adapted in deformed position to allow ready insertion in a blast hole of predetermined diameter and on subsequent release of said rupturable means to become tightly wedged against the walls of said hole.

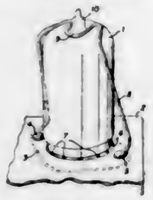
2,449,646

VACUUM TUBE LOCK

Kurt Emde, Itasca, Ill., assignor to Zenith Radio Corporation, a corporation of Illinois

Application November 23, 1945, Serial No. 630,441

1 Claim. (Cl. 250—27.5)



A chassis for a radio set comprising, a vacuum tube socket mounted in said chassis for engaging a vacuum tube having a tubulation extending therefrom, a resilient elongated member of single-piece spring wire construction having opposite ends adjacent said chassis on opposite sides of said socket, means fastening rigidly each of said opposite ends to said chassis, said means also fastening said socket to said chassis, said member having an intermeditte resilient part extending above said socket, said intermediate part having a W-shaped portion pressed by the resilience of said member over the top of a tube mounted in said socket with the center opening of the W-shaped portion extending partly around said tubulation, the center apex of the W-shaped portion lying substantially further from said socket than the side legs thereof, said resilient member thus pressing said W-shaped portion over the top of a tube in said socket to engage the tubulation of said tube in the center apex of said W-shaped portion to thereby prevent disengagement of said tube and socket by

shock and vibration forces, whereby the side legs of said W-shaped portion tend to snap over the top of said tube in said socket and yet are easily moved aside for easy insertion and removal of a tube from said socket.

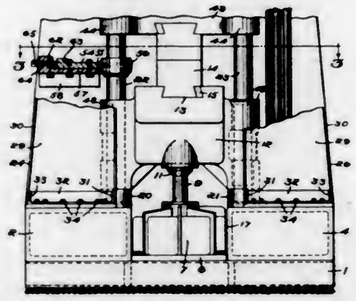
2,449,647

DROP HAMMER

Reginald P. Fitzgerald, Braintree, Mass., assignor to Pneumatic Drop Hammer Company, Braintree, Mass., a corporation of Massachusetts

Application May 21, 1945, Serial No. 594,967

2 Claims. (Cl. 78—37)



1. A double-acting drop hammer having a base, pairs of front and rear vertical standards mounted on said base, an overhead beam connecting said standards, parallel vertical cylindrical columns intermediate of the front and rear standards of the respective pairs mounted at their ends in sockets in said base and overhead beam, a vertically movable hammer, and a cooperating vertically movable anvil having end portions fitting and slidably mounted on the respective columns, a member mounted upon adjacent walls of one of said pairs of standards approximately in the plane of impact of said anvil and hammer provided with parallel horizontal guideways, an adjusting member for the adjacent column having annular means embracing the column and an extension slidably fitting said guideways, acting to prevent forward or rearward deflection of said column, means for forcing said adjusting member longitudinally of said guideway to bend said column in a direction lengthwise of said hammer and anvil, and means for locking said member in adjusted position, and cooperating means mounted upon the other pair of standards engaging the column adjacent thereto at approximately the plane of impact of the hammer for preventing forward or rearward deflection of said standard.

2,449,648

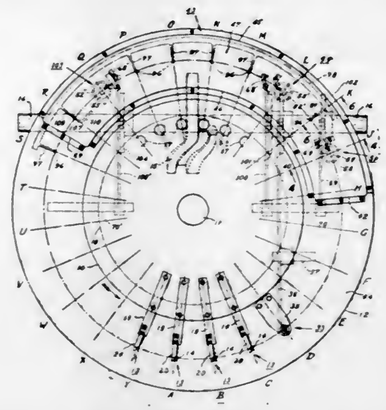
METHOD OF AND APPARATUS FOR MANUFACTURING FLASH LAMPS

John Flaws, Jr., East Cleveland, Ohio, assignor to General Electric Company, a corporation of New York

Application February 26, 1944, Serial No. 524,081

11 Claims. (Cl. 117—102)

6. In the manufacture of photoflash lamps, the method of providing discrete heavy coatings of a fulminating material on the end portions of closely spaced parallel metal wire supports which method comprises, immersing the said end portions of the supports in a liquid suspension of the fulminating material to form a heavy coating on the supports and a bridge of said material across the supports, and then directing a blast of air substantially longitudinally of and between said



supports to sever the said bridge of suspension material and redistribute it on the said supports.

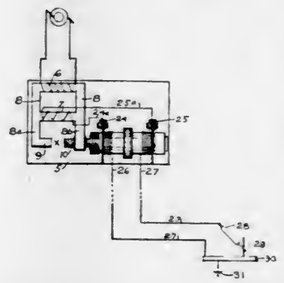
2,449,649

WELDING TRANSFORMER

James Donovan Forney, Fort Collins, Colo.

Application October 8, 1945, Serial No. 621,146

1 Claim. (Cl. 171—119(777))



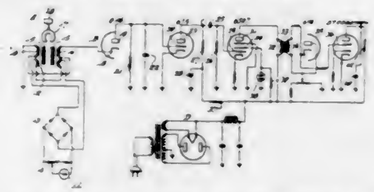
In an adjustable welding transformer having a primary and a secondary core and a magnetic shunt about the secondary core, said shunt comprising an air gap, one of the poles of the air gap having a threaded opening, a threaded member of magnetic material positioned in the opening in operative engagement with the threads in the sides thereof, whereby when said member is rotated its end will move relative to the other pole, a drum mounted on the outer end of the magnetic member and interconnected therewith by means permitting relative axial movement but preventing relative rotary movement, two flanges of electrically conducting material secured to the drum in spaced relation, an electrical conductor connected to each flange and wound around the conductor in opposite directions, whereby the drum can be rotated in either direction by means of said conductors, a winding on the secondary core, and a stationary conductor in electrical contact with each flange, the ends of the secondary winding being electrically connected with the stationary contacts.

2,449,650
INCANDESCENT LAMP AND METHOD OF MANUFACTURE
Alfred Greiner, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application October 1, 1947, Serial No. 777,239
9 Claims. (Cl. 176—29)



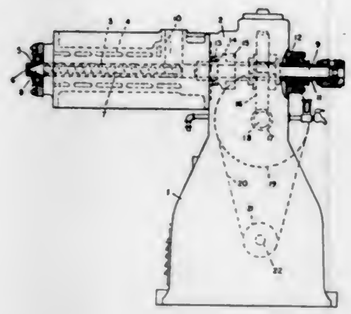
1. An electric incandescent lamp comprising a sealed double-ended glass envelope having tubular end portions, a pair of metal end contact caps fusion-sealed to the ends of said envelope, each of said end caps having its end wall provided with an apertured indentation, a filament in said envelope, a pair of lead-in conductors connected to the ends of said filament and each extending outwardly through the aperture and into the indentation recess of a respective one of said end caps, and a quantity of metallic fusible material filling the recess and aperture in each end cap and securing the associated conductor thereto.

2,449,651
ELECTRONIC CIRCUIT FOR TRIGGERING STROBOSCOPIC DEVICES
Claude M. Hathaway, Denver, Colo., assignor to Marcellus S. Merrill, Denver, Colo.
Continuation of application Serial No. 446,611, June 11, 1942. This application March 11, 1946, Serial No. 653,511
8 Claims. (Cl. 315—194)



1. An electronic circuit for generating sharply defined impulses from sine wave currents, including in combination, a rectifier for rectifying the sine wave currents and having an output circuit, an amplifier including a thermionic tube having a grid coupled to the output circuit of the rectifier, means included in said output circuit for modifying the wave shape of the rectified currents, a second amplifier including another thermionic tube having a plate, coupling means between said tubes including means for differentiating the rectified and modified currents to produce a wave shape having a single peak per cycle in definite phase relation with the sine wave currents, a coupling transformer having primary and secondary windings, said second thermionic tube having a plate circuit including the primary winding of said coupling transformer, said plate circuit forming another differentiating circuit for more sharply peaking said wave shape, a second rectifier connected in parallel with said secondary winding of said coupling transformer and having an output circuit, and an output circuit electrically coupled to the output circuit of said second rectifier.

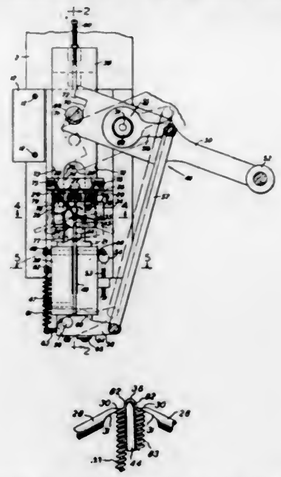
2,449,652
EXTRUSION PRESS
Allen L. Heston, Akron, Ohio, assignor to National Rubber Machinery Company, Akron, Ohio, a corporation of Ohio
Application October 29, 1945, Serial No. 625,363
5 Claims. (Cl. 18—12)



1. In an extrusion press, the combination with a machine body provided with a cylindrical chamber terminating in an extrusion orifice, and a bearing fixed with respect to the position of said orifice, of an extrusion screw assembly rotatably supported by said machine body, said assembly comprising a screw provided with a working portion extending into said chamber and a guiding portion having a rear end terminating without said machine body, a driving quill slidably keyed on said guiding portion and likewise having a rear end terminating without said machine body, an axial thrust bearing on said quill adapted to engage said fixed bearing, and means in engagement with the rear ends of said quill and guiding portion of said screw member for adjustably securing said quill and screw member in desired axial relationship, whereby the position of the forward end of the working portion of said screw may be adjusted axially with respect to said orifice.

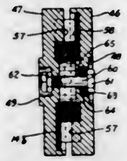
2,449,653
FILAMENT FORMING APPARATUS
Elmer B. Isaac, deceased, late of University Heights, Ohio, by Dorothy J. Isaac, administratrix, University Heights, and Francis J. Rippl, Cleveland, Ohio, assignors to General Electric Company, a corporation of New York
Application July 27, 1946, Serial No. 686,656
17 Claims. (Cl. 153—2)

7. Apparatus for shaping coiled wire into lamp filaments comprising support means, an anvil mounted on said support means and adapted to project into the pitch space in a turn of the wire coil, and a pair of fingers mounted on said support means with coil-engaging ends thereof in normally adjacent side-by-side relation opposite the anvil and adapted to project into respective pitch spaces of successive turns of the wire coil, said fingers and anvil being mounted to receive therebetween a turn of the wire coil with the anvil projecting into the wire coil from one side thereof and within the pitch space of said coil turn and with said fingers projecting into the coil from the opposite side thereof and respectively within the pitch spaces at either side of said coil turn, said fingers being further mounted for pivotal movement about a common axis adjacent their said coil-engaging ends to swing oppositely away from each other and



around opposite sides of the anvil to bend the wire coil therearound.

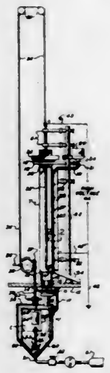
2,449,654
SHAFT COUPLING
Robert Edison Edouard Jessop, West Vancouver, British Columbia, Canada
Application December 21, 1943, Serial No. 515,159
In Canada December 23, 1942
3 Claims. (Cl. 64—13)



1. A shaft coupling comprising a pair of flanges, a recess formed in the inner surface of each flange, each recess having at least three sides, a correspondingly shaped resilient pad adapted to fit snugly into said recesses, a plurality of recesses formed in the opposite faces of the pad, said recesses extending part way through the pad, ribs formed in the flange recesses fitting snugly into the pad recesses, a bolt extending freely through one flange and removably secured to the other, and a resilient washer between the bolt and the flange through which it freely extends, said bolt resiliently retaining the flanges and pad together.

2,449,655
COATING APPARATUS FOR TUBULAR OBJECTS
Raymond L. Keiffer, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application May 11, 1944, Serial No. 535,164
1 Claim. (Cl. 91—18)

In apparatus of the character described, the combination of means for supporting and rotating a vitreous bulb; external contact means for making linear external contact with the bulb wall across a zone to be internally coated comprising a longitudinally slit tube with a fibrous strip mounted in its slit for bearing against the bulb outside the tube, and means for supplying conductive liquid to said tube to keep the strip moist therewith; an internal corona discharge electrode, with means for moving it through the bulb across said zone while the bulb is supported and rotated as



aforesaid; means for applying between said contact means and said electrode an electrical potential high enough to produce a corona discharge through the space between said electrode and the bulb wall; and means for introducing the finely divided material in dispersion into the field of potential around the electrode inside the bulb.

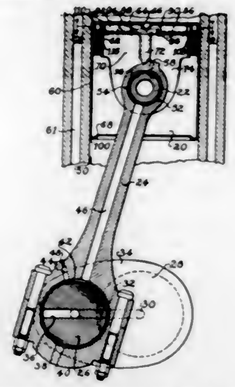
2,449,656
PROCESS OF MINIMIZING THE PRODUCTION OF FOAM IN STEAM GENERATORS
Robert W. Kell, Oak Park, Ill., assignor to National Aluminate Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application November 3, 1943, Serial No. 508,864
5 Claims. (Cl. 252—321)

1. Process of minimizing the production of foam in and the priming of steam generators operating under superatmospheric pressures which comprises incorporating with a water therein containing an amount of total solids tending to produce foaming and priming, a quantity of a disulfonamide of a straight chain alkyl sulfonic acid containing more than 11 carbon atoms and a polyamine in sufficient amount to substantially inhibit priming and foaming, said sulfonamide not being appreciably soluble in water but capable of being dispersed in water and being substantially nonvolatile with steam.

2,449,657
PISTON
Floyd F. Kishline, Kenosha, Wis., assignor to Nash-Kelvinator Corporation, Kenosha, Wis., a corporation of Maryland
Application June 19, 1942, Serial No. 447,636
19 Claims. (Cl. 309—14)

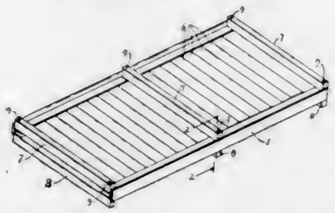
1. A piston comprising an outer cylindrical stamping, the side walls of said stamping being extruded inwardly of said stamping to form aligned apertures along a diameter of the piston, an inner stamping nested within said outer stamping and secured to said outer stamping, depending portions on said inner stamping spaced inwardly from said outer stamping and apertured

and flanged in alignment with the extruded and flanged portions of said outer stamping, and



bearing sleeves positioned in said aligned apertures at each end of said diameter.

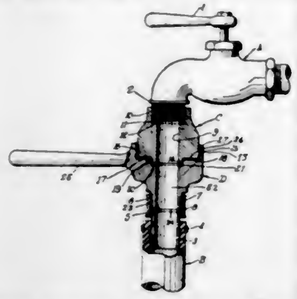
2,449,658
DRYING TRAY
Pasquale La Macchia, Gilroy, Calif.
Application November 12, 1947, Serial No. 785,394
3 Claims. (Cl. 34—238)



1. A drying-tray comprising, sheet metal side members of suitable length and width, each side member having its side edges turned inwardly upon itself and then outwardly in spaced and parallel relation to each other, bottom slats disposed in opposing slots so formed, spacing and tie members having a thickness greater than the first named inwardly turned portions of the side members seated at their ends upon the opposite sides of the opposed outwardly turned portions of the side members, and means binding the adjacent ends of the tie members and side members into one integral whole.

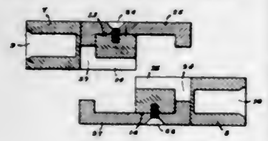
2,449,659
QUICK COUPLING FOR HOSE
Russell C. Lane, San Carlos, Calif.
Application August 7, 1945, Serial No. 609,383
1 Claim. (Cl. 285—175)

A quick coupling for a hose comprising a male member attachable to a water faucet and having outwardly extending pins and a cylindrical flange encircling a passage in the member and extending beyond an end of the member for providing an inner circular rim for a washer-receiving face, a washer encircling the flange and bearing against the face, a female member attachable to a hose and having a flange receiving the male member, the female flange having bayonet slots for receiving the pins, a radially and outwardly extending handle carried by the female member, said female member having a face for bearing against the washer, and having a cylindrical recess for receiving the male member flange, and a second washer placed in the female member



recess and bearing against the male member flange to cooperate with the first washer for making a stepped water-tight seal between the male and female members, both washers lying within a cylindrical area bounded by the pins.

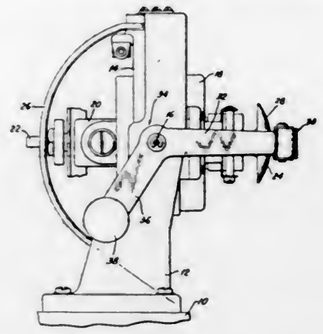
2,449,660
CABLE CONNECTOR
William M. Lawhorne, Primos, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 26, 1945, Serial No. 607,156
2 Claims. (Cl. 173—328)



1. In a device for connecting electric cables, a cylindrical terminal member, a recess extending axially inwardly of one end of said terminal member and adapted to receive the end of an electric cable, two longitudinal channels formed in the periphery of said terminal member diametrically opposite to one another and extending inwardly from the other end of said terminal member, a recess extending transversely of said terminal member and communicating with the inner end of said longitudinal channels, an arm affixed in one of said longitudinal channels and extending beyond the end of said terminal member, a lug on the free end of said arm, said lug projecting radially inwardly of said terminal member, and a resilient insulating sleeve slidably fitted and frictionally held on said terminal member.

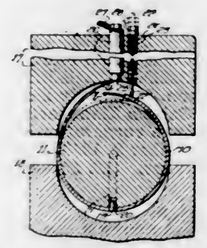
2,449,661
MAGNETIC LEVELING DEVICE FOR GYROSCOPIC ROTORS
Ward Leathers and George S. Di Monico, Brooklyn, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 29, 1945, Serial No. 638,397
2 Claims. (Cl. 74—5)

1. The combination with a freely suspended gyroscopic rotor, of means for normally urging the rotor to a position wherein its rotational axis is substantially horizontal, said means comprising a pendulously supported member, means pivotally supporting said member from the horizontal plane of the gyroscopic rotor axis, said member having balanced effective masses on each side of the vertical plane of its suspension the resultant center of gravity of which is below said plane, a mass of non-magnetic metal mounted on the rotor of the gyroscope and rotatable therewith, and a permanent magnet mounted on said pendulously supported member and forming an increment of one of said balanced masses, said magnet having a pole cooperating with said mass



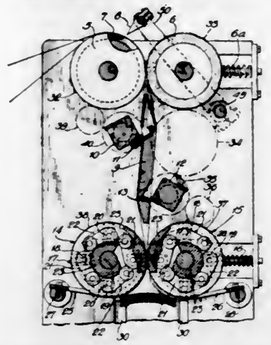
of non-magnetic metal and the magnetic axis of said pole being normally maintained coincident with said horizontal plane of the gyroscopic rotor axis, said mass of non-magnetic metal presenting to said pole a convex surface of a radius of curvature less than the distance from the axis of pivotal support for the pendulous member to the cooperating pole surface of the magnet whereby progressive displacements of said magnet from said horizontal plane will effect corresponding decrease in the strength of the magnetic field applied to said non-magnetic mass of metal.

2,449,662
JOURNAL BEARING SLEEVE
Stanley R. Leeson, Dallas, Tex.
Application February 12, 1945, Serial No. 577,542
5 Claims. (Cl. 308—237)



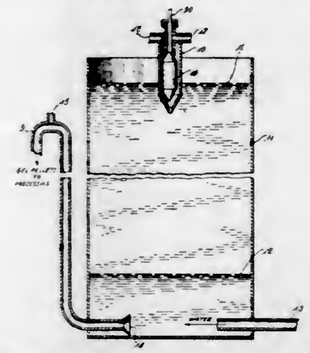
1. As a new article of manufacture, a journal bearing comprising a hardened metal strip of predetermined dimensions, formed into a sleeve about a journal and having step cut ends secured in overlapped relationship, whose combined thickness is equal to that of said strip, the shoulder adjacent one end being spaced from the opposite end of said strip to define an oil sump longitudinally of said sleeve.

2,449,663
INTERFOLDING
Nicholas Marcalus, West Englewood, N. J.
Continuation of application Serial No. 423,291, December 17, 1941. This application September 28, 1946, Serial No. 700,129
14 Claims. (Cl. 270—39)



1. An interfolding machine comprising rollers adapted to advance a twin web, feed means for separately partially severing each web, a pair of interfolding rollers receiving such partially severed twin web both provided with nipper jaws and movably mounted tucker blades, and with rockshafts to effect the rocking motion of the movable jaws and the blades respectively, said rollers being circumferentially grooved, and said blades and nipper jaws being both notched in registry with such grooves, and oscillating presser fingers adapted to enter the annular space provided by said registering grooves and notches for removing the webs from said nipper jaws.

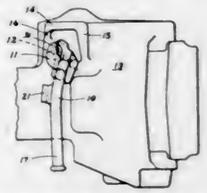
2,449,664
PREPARATION OF SPHEROIDAL SILICA-ALUMINA GEL PARTICLES
Milton M. Marisic, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application April 19, 1944, Serial No. 531,815
1 Claim. (Cl. 252—317)



A process for preparing spheroidal particles of silica-alumina hydrogel having a high solids concentration which comprises mixing sodium silicate solution containing about 212 grams silicon dioxide per liter and sodium aluminate solution containing about 23.6 grams aluminum oxide per liter in a volume ratio of 8000 parts silicate so-

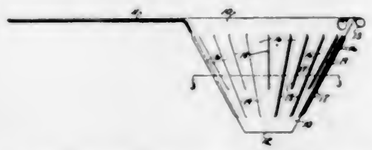
lution to 5440 parts aluminate solution, mixing the resultant silicate-aluminate solution while agitating with an amount of acid giving a resultant pH of about 6.0, introducing the so formed hydrosol into a body of oil wherein it separates into spheroidal globules of hydrosol and maintaining said globules in said oil until they set to firm hydrogel spheroids.

2,449,665
UNCOUPLING MECHANISM
William J. Metzger, East Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application January 3, 1945, Serial No. 571,134
7 Claims. (Cl. 213—146)



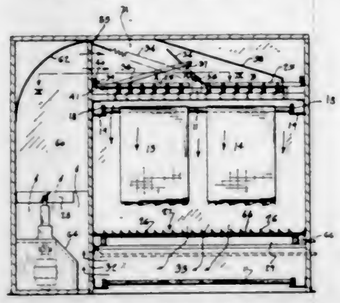
1. An operating handle for the rotary uncoupling mechanism of a car coupler, said handle, described in relation to its normal position when the coupler is locked, comprising an approximately vertical gripping portion terminating at its upper end in an open link portion for engagement with the eye of the uncoupling mechanism rotor, said link portion having a generally U-shaped end arranged to embrace one side of the eye with the base of the U toward the coupler, and said U-shaped end having a projecting portion at the lower corner of the base of the U for engagement with a portion of the eye of the uncoupling mechanism to maintain the gripping portion spaced from the side of the coupler, an outwardly extending portion of the U-shaped end adapted to coact with the coupler mechanism in limiting forward pivoting of the handle about a vertical axis.

2,449,666
CULINARY STRAINER FOR PURÉEING FOOD
Nicholas Moseley, Sandy Hook, Conn.
Application January 11, 1945, Serial No. 572,376
6 Claims. (Cl. 146—172)



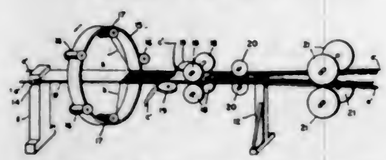
1. A culinary strainer constructed and arranged for puréeing or saucing food, and including a hollow conical body slitted substantially longitudinally to divide the said body into a plurality of panels, the said panels being transversely biased in a direction substantially circumferentially of the body to provide an egress-passage between the leading-edge of one of said panels and the trailing-edge of the next-succeeding panel, and the said egress-passage being directed in a generally-circumferential direction.

2,449,667
DRYING MACHINE
Ralph C. Parkes, Glenside, Pa.
Application March 14, 1946, Serial No. 654,376
5 Claims. (Cl. 34—222)



1. The combination with a drying machine including a structure defining a drying chamber adapted to receive two separate materials to be dried simultaneously, a wall structure defining a compartment having an inlet for admitting a fluid-drying medium, there being a first set of passages leading from said compartment to said chamber for directing a portion of said drying medium towards one of said materials, and a second set of passages for directing another portion of said drying medium towards the other of said materials, and means for delivering a fluid-drying medium under pressure to said compartment, there being exhaust openings leading from said chamber, of control means for regulating the flow of said drying medium to said material, said control means including a first set of shutters for obstructing or non-obstructing said first set of passages, a baffle connected to, and movable jointly with said first set of shutters, means for jointly actuating said first set of shutters and said baffle, said baffle being so arranged that when said first set of shutters are moved towards their non-obstructing position said baffle moves towards a position in which it partly obstructs the flow of said fluid-drying medium from said inlet to said second set of passages and vice versa, and means for actuating said second set of shutters towards their obstructing or non-obstructing positions independently of said first set of shutters and said baffle.

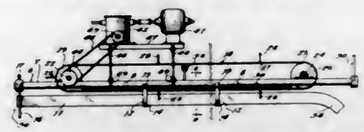
2,449,668
METHOD OF AND APPARATUS FOR MAKING BRUSHES
Ruben O. Peterson, University Heights, Ohio, assignor to The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application November 9, 1943, Serial No. 509,585
9 Claims. (Cl. 300—21)



1. In a method of making a brush element of the character described, the steps which consist in winding the brush material in the form of one or more strands around a mandrel, relatively moving the latter axially while the material is

being wound thereon, preliminarily confining and binding such wound material exteriorly of said mandrel along a line thereon parallel with such direction of movement, then severing such wound material along a line spaced from such first-mentioned line, removing the material thus preliminarily bound from said mandrel and finally completing the binding of such wound material along such line.

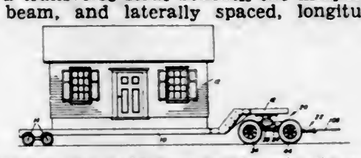
2,449,669
GARMENT CONVEYER
Alfred J. Pohlers, Joliet, Ill.
Application June 22, 1946, Serial No. 678,621
3 Claims. (Cl. 198—168)



3. In a portable garment conveyor adapted to be angularly positioned as a complete unit within a building for transferring garments mounted upon wire garment hangers from one floor level to an upper floor level, a pair of side frame members arranged in spaced parallel relation, transverse frame members secured to said side frame members, a driving shaft journaled on one end of said side frame members, a driven shaft journaled on the other end of said side frame members, sprockets mounted on said driving and driven shafts and disposed between said side frame members, an endless chain mounted on said sprockets, pusher members mounted at spaced intervals along said chain, a supporting bar secured to one of said side frame members and disposed directly below said chain to receive the hook portion of wire garment hangers, said pusher members being bifurcated at their outer ends to straddle said supporting bar, a guide plate secured to said transverse frame members in spaced parallel alignment above said supporting bar to engage the lower flight of said chain against upward movement relative to said supporting bar, an electric motor supported on said side frame members, a power transmission means connecting said motor to said driving shaft, each of said pusher members being recessed to provide a flat front face and an inverted U-shaped shoulder to receive and prevent upward displacement of the hook portion of a garment hanger from said supporting bar, the front face of each of said pusher members during movement upwardly along an inclined plane being disposed in substantially a vertical plane, and stop means provided on said supporting bar to engage the hook portion of a garment hanger, said stop means being disposed adjacent the lower end of the upwardly moving flight of said chain and in the path of movement of the pusher members.

2,449,670
HOUSE MOVING DOLLY
John Rapp, Rapid City, S. Dak.
Application July 8, 1947, Serial No. 759,500
1 Claim. (Cl. 280—116)

In a trailer, a wheeled truck pivotally supporting the front end of a wheeled trailer, said truck including a longitudinal beam, front and rear axles secured transversely beneath said beam and a swiveling connection carried intermediate said beam and secured to the front end of a trailer, reinforcing rods secured to said rear axle and to said beam forwardly of said swiveling connection, a transverse strut beneath the midpoint of said beam, and laterally spaced, longitudinal



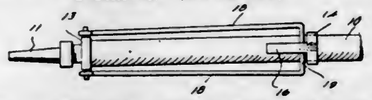
trusses engaging said strut and terminally secured to the upper ends of said beam.

2,449,671
PYRETHRUM EXTRACT AND PROPELLANT SOLUTION CONTAINING IT
William W. Rhodes, Westtown, Pa., assignor to Kinetic Chemicals, Inc., Wilmington, Del., a corporation of Delaware
No Drawing. Application July 30, 1943, Serial No. 496,837
5 Claims. (Cl. 167—24)

1. An extract consisting of a fluorinated solvent from the class consisting of $CHClF_2$ and C_2HClF_4 the boiling point of which is −10.2° C. and the parts of pyrethrum flowers soluble therein.

4. A propellant solution substantially free from green coloring matter whose essential ingredients are a fluoro-chloro derivative of an aliphatic hydrocarbon of the group consisting of methane and ethane, gaseous at atmospheric temperature and pressure, only those parts of pyrethrum flowers soluble in a solvent of the group consisting of $CHClF_2$ and C_2HClF_4 which has a boiling point of −10.2° C. and as a minor constituent sesame oil.

2,449,672
SAND BLAST NOZZLE CONTROL
William A. Rich, Leipsic, Ohio
Application May 27, 1947, Serial No. 750,660
3 Claims. (Cl. 51—11)

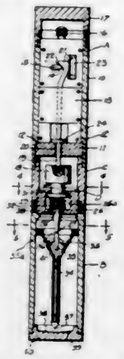


1. In combination with a hose and a nozzle, means for controlling the movement of the nozzle, comprising a swivel fixed to the hose adjacent the nozzle, a clamp fixed to the hose rearwardly of the swivel, and means for resiliently joining the swivel and the clamp, whereby the hose may be flexed between the swivel and the clamp.

2,449,673
EXTRACTION AND ISOLATION OF DIGITOXIN
Harry Rosen, Drexel Hill, Pa., assignor to Wyeth Incorporated, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application August 20, 1946, Serial No. 691,873
20 Claims. (Cl. 260—210)

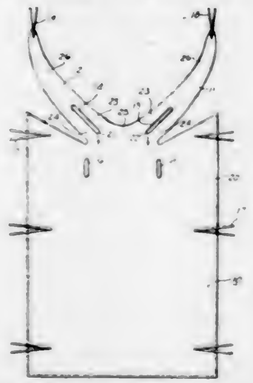
1. In a process for the extraction and isolation of substantially pure crystalline digitoxin from crude sources, the steps comprising extracting digitalis leaves with a mixture comprising a major amount of a lower alcohol and a minor amount of water, in which mixture digitoxin is soluble, treating the resulting liquid extract containing dissolved digitoxin with a tannin- and extractive-precipitant in a concentration sufficient to precipitate tannins, ballast and vegetative extractive materials but insufficient to precipitate digitoxin, removing the precipitated materials and excess precipitant, and recovering substantially pure crystalline digitoxin from the treated liquid.

2,449,674
INCLINATION INDICATING DEVICE
Fred H. Schmidt, Dallas, Tex., assignor, by direct and mesne assignments, to Eastman Oil Well Survey Company, Denver, Colo., a corporation of Delaware
Application July 12, 1945, Serial No. 604,653
7 Claims. (Cl. 33—205.5)



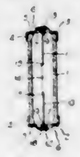
1. An inclination indicating device including, a casing adapted to be lowered through a well bore, a record disk mounted in the lower portion of the casing, a longitudinally movable marking element above the disk and adapted to move downwardly into engagement therewith to mark the same, means for mounting said element to undergo universal movement within the casing whereby its position relative to the center of the disk is controlled by gravity, a permanent magnet mounted to undergo longitudinal movement within the casing and adapted to act upon the marking element for normally maintaining the same in a raised position spaced above the disk, and means for imparting movement to said magnet to remove the marking element from the influence thereof and thereby allow said element to drop by gravity into engagement with the disk to mark the same.

2,449,675
BLANKET WRAPPER
Lawrence V. Schowalter, Cleveland, Ohio
Application June 27, 1947, Serial No. 757,535
4 Claims. (Cl. 128—134)



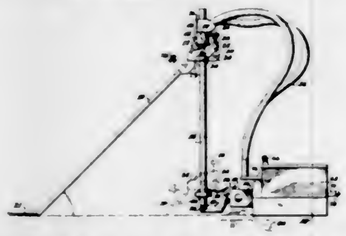
1. A baby wrapper blanket, comprising a blanket body having a first and second loopable cross strap member, each cross strap member having an arm slit therethrough, said first cross strap extending outwardly to one side of the blanket, said first cross strap having an end, a slit in said blanket body near a side thereof opposite the side direction in which the first cross strap extends, the first cross strap end being loopable under the blanket to enwrap the baby and extend through said slit in the blanket body opposite the first cross strap, said second cross strap extending outwardly to the side opposite from the first cross strap, said second cross strap having an end, a slit in said blanket body near a side thereof opposite the first slit, the second cross strap end being loopable under the blanket to enwrap the baby and extend through said opposite side slit.

2,449,676
METHOD OF MANUFACTURING ELECTRIC INCANDESCENT LAMPS
August W. Seitz, Euclid, Ohio, assignor to General Electric Company, a corporation of New York
Application October 1, 1947, Serial No. 777,337
5 Claims. (Cl. 316—19)



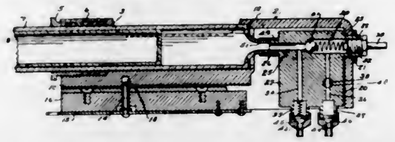
1. The method of manufacturing an electric incandescent lamp which comprises sealing an apertured metal end cap to one end of a double-ended glass envelope, fastening a lead-in conductor to another metal end cap to project from the inner side thereof, introducing an extended lead-in conductor through the apertured end cap and the associated envelope to project beyond the open end thereof, connecting the projecting ends of the lead-in conductors to the opposite ends of a filament, sealing the open end of the envelope to the said other end cap, and then exhausting the envelope through the aperture in the said apertured end cap and sealing the said aperture with metallic fusible material while the envelope is in exhausted condition.

2,449,677
WELDING ROD FEEDER
Paul H. Setzler, Hamilton, Ohio
Application April 30, 1946, Serial No. 666,065
16 Claims. (Cl. 219—8)



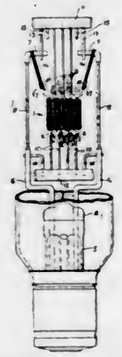
1. An apparatus for depositing a weld upon a work surface comprising: a base, a welding rod holder, said holder arranged to engage one end of a welding rod and sustain the rod at a fixed angle to the work surface, a substantially vertical post for guiding said holder relative to the work surface for feeding the rod downwardly by gravity, and an electrode operated post engaging device on the holder for regulating the descent of the holder by disengagement with the post as the rod is deposited upon the work surface.

2,449,678
CONTROL SYRINGE
Lester B. Stallcup, Phoenix, Ariz.
Application June 6, 1946, Serial No. 674,860
3 Claims. (Cl. 128—218)



3. Apparatus for intravenous administration of anesthetic including in combination with a hypodermic syringe provided with a cylindrical barrel, a scale thereon and an axial stem, a case having means for attachment to an operating chair, a horizontal bore adapted to receive said hypodermic syringe barrel, a gland packing adapted to secure the inner end of said syringe barrel operable on the inner end of said case, a scale viewing window in the upper side thereof, and an annular shoulder to receive the outer end of said syringe barrel; a valve block retained in the outer end of said case having a horizontal bore alined with said syringe stem, and connected therewith, an outwardly opening check valve therein, a tube nipple at the outer end of said bore, an angularly disposed channel connecting with said axial bore between said syringe and the check valve therein leading to a tube nipple on the outer face of said block having an inwardly opening check valve therein, an angularly disposed channel thru said block connecting to said axial bore outward from said check valve therein and leading outward thru said block to its lower edge face and to a tube nipple having an inwardly opening check valve, and a manually operable plug valve operable in said channel between said check valve and its juncture with said axial bore.

2,449,679
LAMP FILAMENT SUPPORT AND CONNECTION
Irving H. Van Horn, East Cleveland, Ohio, assignor to General Electric Company, a corporation of New York
Application November 30, 1944, Serial No. 565,825
5 Claims. (Cl. 176—39)



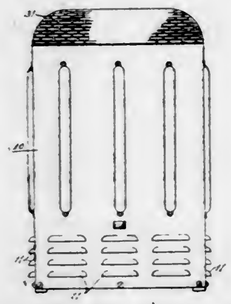
1. An electric lamp comprising a mount including supporting structure and a coiled filament, and a spud for tensioning coil convolutions of said filament attached to said supporting structure and provided with screw threads in screw mesh and frictional engagement with other coil convolutions of said filament, the said screw mesh frictional interengagement providing the sole electrical and mechanical connection of the spud to the filament.

2,449,680
VEHICLE TOW BAR
Peter T. Wak, Jr., and Arthur J. Carpenter, Lake Orion, Mich.
Application January 31, 1947, Serial No. 725,548
2 Claims. (Cl. 280—47)



1. A vehicle tow bar comprising an elongated handle, a pair of arms extending from an end of said handle and having spaced vehicle-engaging portions, at least one of said arms being pivoted to swing to and from the other arm to engage the arms with and disengage them from a vehicle, a member slidable on the handle, a control element for the pivotal arm projecting from the pivotal end of such arm, means on said sliding member for camming said element away from the handle responsive to sliding of said member toward the arms, whereby the pivotal arm is swung toward the companion arm, and a coiled spring extending from the pivotal arm to the sliding member and urging the sliding member along the handle toward the arms.

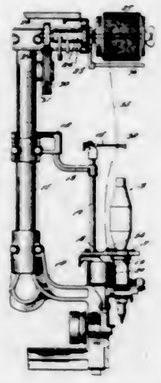
2,449,681
AIR PURIFIER
Ray Wilson, Chicago, Ill., assignor to Richard R. Cook, Chicago, Ill.
Application July 23, 1947, Serial No. 762,966
2 Claims. (Cl. 21—74)



1. An air purifier comprising a closed cabinet, a plurality of openings adjacent the base of said cabinet adapted to permit the entry of air into said cabinet, a pair of ultraviolet lamps mounted within said cabinet above said openings, a plurality of flat metallic parallel plates mounted within said cabinet above said lamps and positioned transversely thereto, said plates electrically connected to said cabinet, a plurality of flat metallic parallel plates slidably and insulatedly mounted within said first plates, said second plates connected to an electrical source of supply

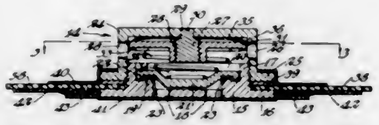
adapted to maintain a high negative charge on said second plates with respect to said first plates, an electric fan mounted within said cabinet above said plates, said electric fan and said ultraviolet lamps connected to a suitable electrical source of supply, and a plurality of openings adjacent the top of said cabinet adapted to permit the exit of air from said cabinet, said electric fan adapted to draw air through said plurality of openings adjacent the base of said cabinet, into said cabinet past said ultraviolet lamps, through said parallel plates and out said plurality of openings adjacent the top of said cabinet for purification of said air.

2,449,682
YARN WINDER
Albert E. Winslow, Norwich, Conn., assignor, by mesne assignments, to Universal Winding Company, Cranston, R. I., a corporation of Massachusetts
Original application September 11, 1943, Serial No. 501,963, now Patent No. 2,385,046, dated September 18, 1945. Divided and this application December 9, 1944, Serial No. 567,389
3 Claims. (Cl. 242—35.5)



1. In a yarn handling machine, a frame means to support a plurality of yarn packages in said frame with their axes parallel and extending toward the front of the machine whereby a package may be withdrawn axially toward the operator, said package support being rotatable, a pulley for each package support to rotate the same, a belt extending along said frame the back outer surface of which engages several of said pulleys to serve as a common means to drive the same.

2,449,683
DIFFERENTIAL PRESSURE VALVE
John D. Akerman and Mihkel Schonberg, Minneapolis, Minn.
Application April 16, 1943, Serial No. 483,292
1 Claim. (Cl. 137—53)

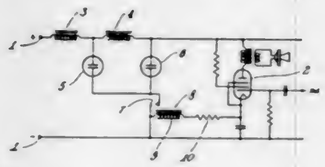


A differential pressure valve, comprising a casing, a valve seat in said casing, a valve head movable into and out of engagement with said seat and disposed in said casing, a plug in said casing having a portion exposed outwardly thereof, said plug being rotatable relative to said casing and having a threaded portion extending into said casing, a spring cap threaded on said plug, a spring interposed between said cap and said valve head, a cap retainer in said casing having yieldable frictional engagement with said cap to retain the latter against jarring and rotation about said plug, and said cap retainer comprising a spring finger supported by said casing and said frictional engagement being provided by a yielding contact between said cap and spring finger.

2,449,684
AQUEOUS POLYVINYL CHLORIDE/POLYSTYRENE DISPERSIONS
Reginald George Robert Bacon, Harold Taylor, and Leonard Wood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application February 12, 1945, Serial No. 577,584. In Great Britain January 12, 1944
1 Claim. (Cl. 260—29.6)

Aqueous polymer dispersions suitable for use in the production of articles by dipping which comprise, in aqueous dispersion, polyvinyl chloride, from 10 to 100 parts by weight of polystyrene of molecular weight from 20,000 to 120,000 per 100 parts by weight of polyvinyl chloride, and a plasticiser compatible with said polymer mixture.

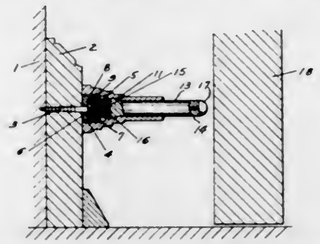
2,449,685
RADIO RECEIVER OR AMPLIFIER ARRANGED TO BE FED FROM DIRECT CURRENT MAINS
Johannes Augustinus Josephus Bouman, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application May 9, 1946, Serial No. 668,425
In the Netherlands August 28, 1940
3 Claims. (Cl. 250—27)



1. An electronic circuit arrangement for operation from a direct current supply, comprising a filter having the input thereof connected to said supply and comprising a unipolar electrolytic capacitor, an electron discharge tube having an anode and a cathode and being connected across the output of said filter, a relay having an exciting winding and contactors associated therewith to be closed when said relay is energized, and means connecting said contactors to said electrolytic capacitor to connect same into said circuit arrangement, said exciting winding being interposed in the anode-cathode circuit of said electron discharge tube whereby said relay is energized to connect said capacitor into said circuit arrangement only when said filter is connected to said supply with correct polarity.

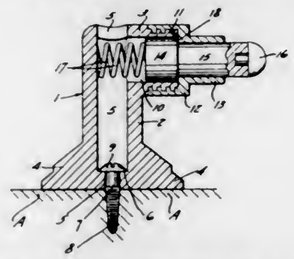
2,449,686
DOOR STOP
Steven S. Brinda, Minneapolis, Minn.
Application August 19, 1946, Serial No. 691,444
2 Claims. (Cl. 16—85)

2. In a device of the class described, an anchoring plug having an axial opening therethrough, said opening being enlarged at one end to form a recess, screw means in the bottom of said recess and through said opening for securing said anchoring plug to a wall, a post having an axial passage therethrough, said passage being enlarged adjacent its inner end to provide an internal shoulder, means in the enlarged end of said post for removably securing said post to said anchoring plug, a plunger in said axial pas-



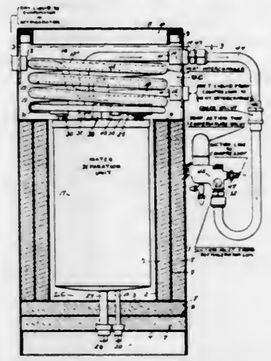
sage projecting outwardly from said plug, a circumferential flange on said plunger adapted to engage the internal shoulder of said post and limit the outward movement of said plunger, a coil spring having one end seated in the recess of said anchoring plug and having its opposite end in contact with the inner end of said plunger and tending to bias said plunger in an outward direction, and a resilient cushioning pad on the outer end of said plunger.

2,449,687
DOOR STOP
Steven S. Brinda, Minneapolis, Minn.
Application November 20, 1946, Serial No. 711,024
1 Claim. (Cl. 16—85)



In a device of the class described, a post having an axial passage therethrough, said passage being reduced adjacent its base to provide a shoulder, an offset arm adjacent the upper edge of said post, an axial passage through said arm intercepting the passage in said post, a removable sleeve secured to said arm and having a reduced outwardly extended end portion, a head mounted for reciprocal movements in the passage of said arm, a plunger secured to said head and mounted for reciprocal movements in the reduced end portion of said sleeve and having its outer end projecting outwardly therefrom, and spring means biasing said head and plunger in an outward direction.

2,449,688
DEHYDRATOR FOR REFRIGERATING SYSTEMS
Clinton C. Brinkoeter, San Antonio, Tex., assignor to Ed Friedrich, Inc., San Antonio, Tex., a corporation of Texas
Application November 27, 1944, Serial No. 565,396
8 Claims. (Cl. 62—115)



1. A dehydrator for refrigerating systems containing a refrigerant in a refrigerating circuit, said dehydrator including: a casing; a water separation unit in said casing; a heat interchanger in said casing; operative connections between said heat interchanger and said water separation unit, by virtue of which the refrigerant to be dehydrated is first passed through one part of said heat interchanger, then through said water separation unit, and then through another part of said heat interchanger; and means whereby said heat interchanger may have its terminals operatively connected in the refrigerant circuit of the refrigerating system.

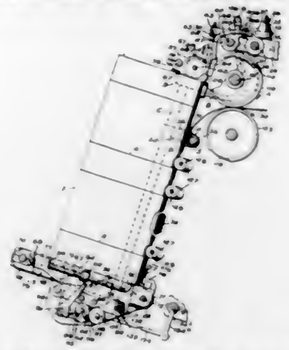
2,449,689
LUBRICANT
Paul H. Carnell, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
No Drawing. Application December 3, 1945, Serial No. 632,614
6 Claims. (Cl. 252—28)

4. A composition for the lubrication of valves used in service where an acid selected from the group consisting of HCl and HF is in process consisting of a chlorinated paraffin wax prepared from a paraffin wax having a melting point between approximately 125° and 130° F. and containing about 42% by weight of chlorine, and sufficient solid thickening agent selected from the group consisting of graphite and asbestos to impart a desired consistency to the lubricant composition to effectively seal valves lubricated with said composition against leakage when used in said service.

2,449,690
MECHANISM FOR FEEDING SHEETS OF STIFF FIBROUS MATERIAL
Fred H. Chapman, Pepperell, Mass., assignor to The International Paper Box Machine Company, Nashua, N. H., a corporation of New Hampshire
Application August 21, 1945, Serial No. 611,756
30 Claims. (Cl. 271—26)

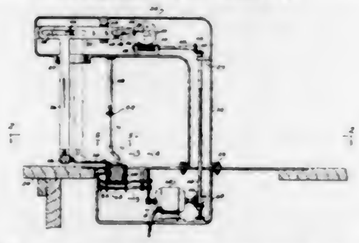
7. Blank-feeding mechanism having means for supporting a stack of flat blanks of stiff material

inclined to the verttical in proximity to mechanism for forwarding individual blanks, movable vacuum mechanism having means operable upon application of suction to engage the face of the end portion of the foremost blank and operable upon application of suction to arch the same away from the next adjacent blank, means for actuating said vacuum mechanism to deflect and present the end of said foremost blank to said forwarding mechanism, a reciprocating stop member, and means for actuating the same to insert it in the arch of the foremost blank in contact with the face of the next adjacent blank and



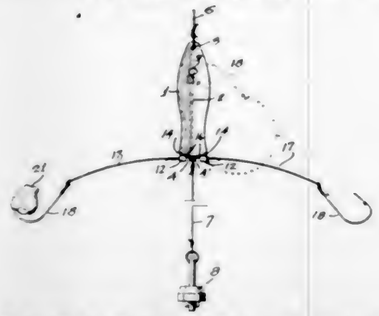
prevent deflection of the next adjacent blank from the stack, feeding means for advancing the upper ends of the foremost blanks of the stack comprising a shaft having mounted thereon rotatable spaced toothed cylindrical members engaging the upper ends of said blanks at opposite sides of the vacuum mechanism means for rotating said shaft, and frictional means on said shaft engaging said rotatable cylindrical members operable to advance and position the blank next to the deflected blank in a position properly to be engaged by the next operation of said vacuum mechanism.

2,449,691
REWEAVING MACHINE
Mildred T. Deal, Cleveland, Ohio
Application October 10, 1947, Serial No. 779,055
11 Claims. (Cl. 139—33.5)



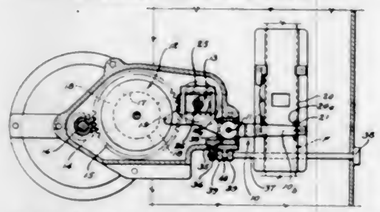
1. A re-weaving machine, comprising in combination, a table member supporting a piece of fabric to be rewoven, an oscillating member mounted on the table member and capable of intermittently raising and lowering the said piece of fabric, a comb member mounted on the table member and supporting a patch, the ravelled ends of which are to be woven into the said piece of fabric, and a latch-type needle mounted on the table member movable in and out of the said oscillated fabric and engageable with a thread of the patch and capable of drawing it through the fabric.

2,449,692
SPOON LEADER
Bruno E. Eichendorff, San Francisco, Calif.
Application February 26, 1946, Serial No. 650,235
2 Claims. (Cl. 43—28)



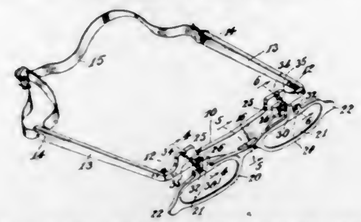
1. A spoon leader comprising an elongated polished plate apertured at both ends and bent along a median line longitudinally to form reflective faces and having lateral tubular members formed therefrom on opposite sides of one end of said plate and also having notches in opposite edges of said plate and immediately adjacent said tubular members.

2,449,693
KINETOGRAPH MOVEMENT
Henry N. Fairbanks, Beverly Hills, Calif., assignor to Mitchell Camera Corporation, West Hollywood, Calif., a corporation of Delaware
Application September 24, 1945, Serial No. 618,159
8 Claims. (Cl. 88—18.4)



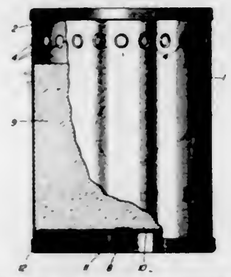
1. In kinetograph movements of the type which embody a film guide, a film engaging and moving lever which lies in a plane substantially parallel to the plane of the film guide and which extends in length transversely of the length of the film guide, the lever being pivoted for swinging film-moving motion in said parallel plane and also in a plane at substantially right angles thereto to engage and disengage the lever with the film, and means for moving the lever in the last mentioned plane; the improvement which comprises the combination of a lever actuating unit of the nature of a cam mounted on a fixed axis and acting to swingingly oscillate the lever in its film-moving motion in said parallel plane, the engagement of the cam with the lever being such that the lever is adjustably movable lengthwise with relation to the cam, an adjustably movable pivotal mounting for the lever comprising a pivot element permitting swinging motion of the lever about two transverse axes which are fixed with relation to the lever, and a pivot carrying member which is adjustably shiftable toward and away from the cam axis, and means for adjustably setting the position of the carrying member to shift the lever and thereby adjust the point of cam engagement on the lever.

2,449,694
EYEGLASS
Edward Froelich, New York, N. Y.
Application November 9, 1945, Serial No. 627,656
1 Claim. (Cl. 2—14)



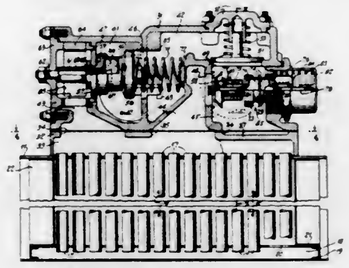
In an eyeglass having a rigid bridge piece with means for holding the bridge piece at the front portion of the head of the wearer, and having a bridge to rest on the nose of the wearer, a pair of spaced forwardly extending abutments on the bridge piece, a lens frame, a pair of spaced pintle hinges connecting the lens frame with the bridge piece, said pintles being in alignment with each other and substantially parallel with the bridge piece and the lens frame, and a pair of spaced projections on the lens frame resting on said abutments in the non-use position of the lens frame, the combination of a pair of spaced upwardly extending pairs of projections on the bridge piece, each latter pair above each abutment, and each pair having a horizontal bar, a pair of horizontal bars on said lens frame with each bar adjacent one of said lens frame projections and supported thereby, and each bar substantially parallel with one of said bridge piece bars, a member at the front of the bridge piece centrally of the same against which the lens frame abuts when in use position, and a pair of coiled springs, each having one end connected with a bridge piece bar and the other end with a lens frame bar, disposed close to each hinge, the longitudinal axis of each spring being disposed below the pintle axis when the lens frame is in use position, and being disposed above the pintle axis when holding the lens frame in non-use position, whereby the lens frame is held by the spring against the bridge piece when in non-use position, and held by the spring against the bridge piece when in use position.

2,449,695
FUMIGATING PACKAGE
Arthur L. Galloway, Louisville, Ky., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky., a corporation of Delaware
Application September 13, 1946, Serial No. 696,770
3 Claims. (Cl. 21—108)



1. A fumigating package comprising a container, a body of porous, gas traversable combustible material capable when ignited of burning and of liberating fumigating gases disposed within the container, means adjacent one surface of said body for releasing gas from the container and means adjacent another surface of said body for igniting the same said container, aside from said means for releasing gas, being gas tight.

2,449,696
OIL TEMPERATURE REGULATOR
Walter H. Geddes and Phillip W. Schanke, Dayton, Ohio, assignors to United Aircraft Products, Inc., Dayton, Ohio, a corporation of Ohio
Application December 14, 1943, Serial No. 514,300
7 Claims. (Cl. 257—2)

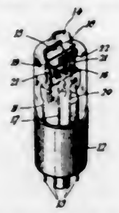


1. In a liquid temperature regulator for controlling the temperature of a liquid which is progressively heated and which circulates under pressure to and from the heat generating means, said regulator being arranged for the passage of the liquid therethrough and having a manifold head formed with an inlet and an outlet; means in the regulator defining a liquid cooling passageway communicating at its opposite ends with said inlet and said outlet; a first conduit in said head leading from said inlet to said outlet in by-passing relation to said cooling passageway; a second conduit leading from said inlet to said outlet in by-passing relation to said cooling passageway and in continuous communication with said passageway; first and second valves in said first and second conduits respectively, each settable to effective and ineffective positions, in the former of which it blocks by-passing of the liquid; independently operable thermal means acting in response to rising liquid temperatures to move said first valve to effective position and then to move said second valve to effective position, and a check valve between said outlet and the terminals of said second conduit and said cooling passageway preventing the application of back pressure thereto from said outlet.

2,449,697
IONIZATION CHAMBERS, GEIGER-MÜLLER TUBES, AND THE LIKE
Arnold Graves, Surbiton, and Travis Jack Dawes, Bridgefield, Farnham, England, assignors to Alltools, Limited, Brentford, Middlesex, England, a company of Great Britain
Application March 19, 1946, Serial No. 655,461
In Great Britain April 12, 1945
1 Claim. (Cl. 250—27.5)

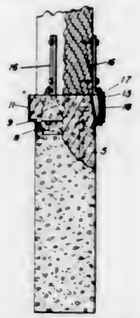
An ionisation counter tube, for use in estimating and detecting alpha and beta particles and gamma radiation, comprising a single ionisation chamber having an outer envelope and containing a filling of inert gas, a press sealed into the envelope, and two electrodes only mounted on the press, said electrodes being a cathode in the form of a

segment of a cylinder disposed with its concave surface facing a wall of the envelope and an anode



coaxial with said cathode and said cathode being substantially insensitive to photons of wavelength adjacent the visible portion of the spectrum.

2,449,698
POLE BUTT
Leonard Hartley, Mount Shasta, Calif.
Application August 17, 1945, Serial No. 610,892
2 Claims. (Cl. 72—84)



2. A reinforced concrete pole-butt having a pair of coaxially arranged rings positioned one above the other and at the upper end thereof, said rings being connected by a flange forming a ledge underlying a portion of said concrete, means for securing the lower end of a pole to said rings, said means including bolts secured to said pole and positioned adjacent the upper of said rings and engaging the lower surface of said flange, and a plurality of partitions secured to the upper of said rings and extending to and engaging with said flange to form bolt-receiving spaces.

2,449,699
TOURIST FILM GUIDE
John M. Higgins, Boulder City, Nev.
Application May 11, 1943, Serial No. 486,550
1 Claim. (Cl. 40—28)



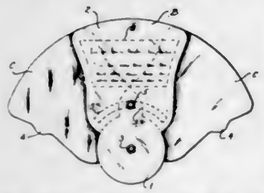
In a film viewing casing having a pair of juxtapositioned eye pieces with magnifying lenses therein and an outwardly extending base web, rectangular shape in plan with a continuous vertically disposed peripheral flange around the outer edge, the combination, which comprises, a rectangular shaped frame comprising a base with a vertically disposed peripheral flange positioned inside of the flange of the casing and having an outer recess to receive the said flange of the casing, said frame having an opening through the base thereof and a longitudinally extending slot to receive a film or the like, a transversely disposed screw extending across the frame midway between the ends thereof, a traveling nut threaded on said screw having comparatively thin bars extending at the sides parallel to the sides of the frame, said bars having guides on the ends thereof slidably mounted on opposed edges of the base at the ends of the opening therethrough, a longitudinally extending screw in one side of the frame, a plurality of traveling nuts on said longitudinally extending screw carrying comparatively thin transversely disposed bars with guides on the outer ends thereof slidable on the edge at the side of the base at the side of the opening therethrough, film actuating sprockets on a shaft transversely positioned in one end of the frame, and means manually rotating the said shaft and screws from the exterior of the frame.

2,449,700
FISH LURE
Irvin R. Hubbard, Beaver Dam, Wis., assignor, by decree of court, to Harriette E. Hubbard
Application August 9, 1943, Serial No. 497,987
5 Claims. (Cl. 43—46)



1. A fishing lure comprising an elongated body of buoyant material, the body having a front end face in a plane perpendicular to its length, said front face having a straight downwardly and rearwardly extending channel which is continued through the side of the body, and a hook having the shank portion embedded in the body and extending lengthwise thereof from the lower end of said channel upwardly and rearwardly through the opposite end of the body at substantially the longitudinal center of the body, said shank having an eye at the forward end.

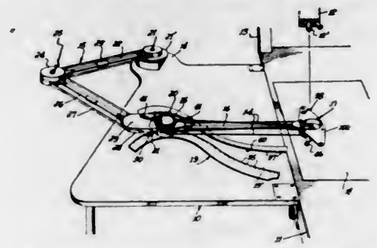
2,449,701
FOLDING HAND FAN
Michael Imperial, University City, Mo., assignor to Skinner & Kennedy Stationery Company, St. Louis, Mo., a corporation of Missouri
Application February 7, 1946, Serial No. 645,982
1 Claim. (Cl. 230—269)



A folding hand fan comprising opposed flat front and back cover sections and two overlapped flat side sections interposed between said front and back cover sections, a single means for pivotally connecting all of said sections together at one end, whereby said sections are adapted to be swung one over another in their own planes into

substantially fully overlapped relation between said front and back cover sections and are adapted to be swung away from each other into spaced apart relation so as to extend beyond opposite side edges of said front and back cover sections, said back cover section having printed matter on the back face thereof, and a single means for permanently securing said opposed front and back cover sections together against relative pivotal movement and for preventing said side sections from swinging entirely clear of said opposite side edges of said cover sections, all of said sections being of substantially the same size and shape, whereby said front and back cover sections are adapted to provide at the front and back of the fan substantially complete coverage for said side sections in the fully overlapped position thereof and are also adapted to provide complete coverage at both the front and back of the fan for the space formed between said side sections in the spaced apart position thereof.

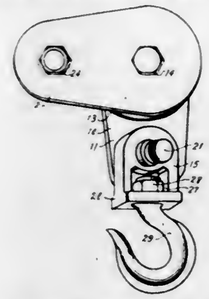
2,449,702
ANIMATING DEVICE
Ubbe E. Iwerks, Van Nuys, Calif., assignor to Walt Disney Productions, Burbank, Calif., a corporation of California
Application December 8, 1944, Serial No. 567,282
15 Claims. (Cl. 88—16)



1. A device for regulatably controlling the movement of silhouettes, cutouts, models and other objects in the field of view of a motion picture camera comprising a movably mounted arm, one end of said arm being located in the field of view of a camera, the other end of said arm being located over a chart, a guide head rotatably mounted on the end of the arm adjacent the chart, an object head rotatably mounted on the arm at the other end for holding the object to be photographed and a connecting means between said heads whereby rotary movement of one is translated to the other, said chart having a line tracing the path of movement of the object to be photographed and having spaced indications thereon graduated to correspond with the number of frames of a motion picture film selected to reproduce the sequence of movement, and a guide pin on the guide head to be moved along said line tracing the path of movement in accordance with the spaced indications.

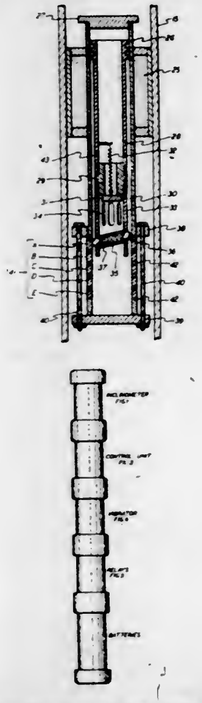
2,449,703
SNATCH BLOCK
Cloyd B. Johnson, Tulsa, Okla.
Application May 14, 1945, Serial No. 593,654
5 Claims. (Cl. 254—193)

1. A snatch block including a pair of side plates having a pulley journalled therebetween, a cross bolt passing transversely through the plates, a clevis journalled on the bolt between the plates, a nut fixed to one of the plates receiving one end of said bolt, the clevis having a reduced bore in which the bolt is slidable and an enlarged bore,



and means on the bolt disposed in the enlarged bore of the clevis for limiting the sliding movement of said bolt in the clevis.

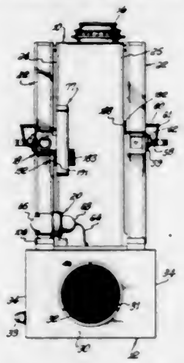
2,449,704
INCLINOMETER
Philip Jones, Los Angeles, Calif.
Application June 26, 1944, Serial No. 542,056
11 Claims. (Cl. 33—205.5)



2. In an inclinometer having a pointed pendulum, a sliding table and electromagnetic means for driving said table against said point to produce a record of point position on a record element placed on said table: means for controlling the operation of said electromagnetic means, comprising: a sealed reservoir containing a liquid; a piston arranged to be raised by a solenoid and to subside slowly through said liquid by gravity; contact points arranged in the wall of

said reservoir and brush means carried by said piston and arranged to connect said contact points in pairs; a vibrator unit affording electrical contacts on acceleration thereof; an electric circuit including said vibrator unit, said solenoid and one pair of said contact points, whereby on the connecting of said points by said brush means said piston is retrieved and held in a relatively elevated position so long as said inclinometer is subject to acceleration, and a second electrical circuit arranged to energize said electromagnetic means and to produce said record when said inclinometer comes to rest and said piston subsides to bring said brush means into contact with a second pair of said contact points.

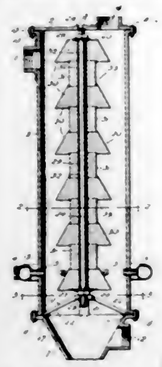
2,449,705
SOUND PICTURE MAGAZINE PROJECTOR OF THE CONTINUOUSLY MOVING FILM TYPE
Richard Jones, Burbank, Calif., assignor to Walt Disney Productions, Burbank, Calif., a corporation of California
Application November 14, 1944, Serial No. 563,381
16 Claims. (Cl. 88—16.2)



1. In a moving picture projector including a stationary housing and power means exposed on each side thereof, the combination of interchangeable self-contained film magazines each comprising a casing including a reel for film to be projected and a reel for projected film rotatably mounted in the casing, a drive sprocket mounted within the casing and a projection aperture adjacent thereto, a releasable connection between the drive sprocket and a source of power on one side of the housing, and a clamp having elements located one on each side of the housing adapted to hold one magazine on one side of the housing for a projecting operation and the other magazine on the other side for a rewinding operation.

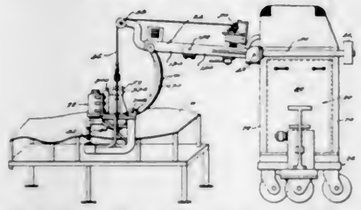
2,449,706
GALVANIC WATER PROCESSING APPARATUS
Theodore C. Jones, Louisville, Ky.
Application January 10, 1945, Serial No. 572,146
3 Claims. (Cl. 204—248)

1. In a water processing apparatus, a vertically elongated galvanic pile comprising vertically spaced frusto-conical positive electrodes entirely free from contact with each other and all having their smaller ends disposed upwardly, the peripheries of all of said positive electrodes being steeply inclined to shed any precipitate settling thereon, cyclindrical negative electrodes between said positive electrodes and of no greater diameter than the smaller upper ends of said positive electrodes, said positive and negative electrodes being axially alined vertically, and means extending



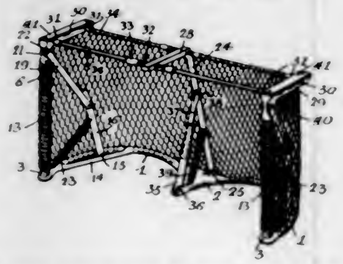
through said positive and negative electrodes and holding said positive electrodes in contact with said negative electrodes.

2,449,707
WELDING MECHANISM
Chester F. Leathers, Detroit, Mich.
Application July 17, 1944, Serial No. 545,322
2 Claims. Cl. 219—4)



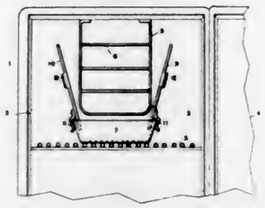
1. In a welding system, a portable welder, a hanger for mechanically supporting the welder, said hanger including bus-bar means through which power is delivered to the welder, means forming an adjustable supporting connection between the welder and the hanger, and flexible conductor means for electrically connecting the welder to the hanger.

2,449,708
HOCKEY GOAL
Leslie Bertrand Lindsay, Kirkland Lake, Ontario, Canada
Application February 14, 1947, Serial No. 728,562
6 Claims. (Cl. 273—127)



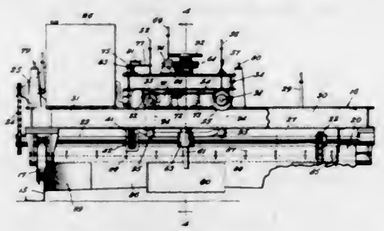
1. A goal comprising a base having two ends, a pair of posts at the ends thereof, each post including a lower section fixed to the base and an upper section articulated to the lower section, spring means maintaining the upper sections in alinement with the lower sections, and a net attached to said base and posts.

2,449,709
REFRIGERATOR DEFROSTING DEFLECTOR
James V. Mesite, Baltimore, Md.
Application January 16, 1948, Serial No. 2,776
5 Claims. (Cl. 62—1)



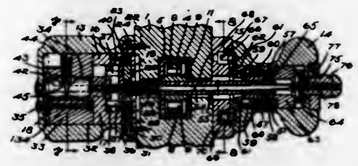
1. In a household refrigerator having a plurality of walls for enclosing a food storage space therein, an evaporator supported thereon from a top wall thereof; a shelf supported from the lateral walls thereof; a drip tray having a bottom and side walls supported on said shelf beneath the evaporator; a pair of shield elements one for each lateral surface of the evaporator, each comprising a substantially planar sheet having proximate the lower edge thereof and secured thereto a plurality of clip elements for attachment to the side walls of the drip tray, said clip elements having a base portion, an upstruck spacer portion, and a flange portion, whereby a channel is provided between the flange portion and the opposed portion of the shield surface for the reception of said walls of the drip tray.

2,449,710
CONCRETE SPREADING APPARATUS
Arthur E. Miller and George K. Viall, Milwaukee, and Rudolph F. Lindow, Wauwatosa, Wis., assignors to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application March 15, 1945, Serial No. 582,862
20 Claims. (Cl. 94—44)



1. In apparatus for spreading concrete deposited upon a road bed, a main frame traversable longitudinally along the road bed; a carriage mounted on said frame for movements transversely of the bed; means for reciprocating said carriage upon the frame; a spreading blade mounted by the carriage for movements about a vertical axis; means operable to rotate the blade about said axis during said transverse movements of the carriage; and means for controlling said rotating means whereby at the volition of the operator the blade may be either rotated or maintained in any determined angular relation to the carriage during the transverse movements of the latter.

2,449,711
DOOR LOCK
Joseph H. Milligan, Framingham, Mass.
Application May 24, 1945, Serial No. 595,510
11 Claims. (Cl. 70—215)



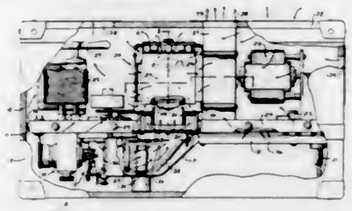
1. A door knob structure for a door having the usual door latch, said door knob structure comprising a knob-supporting member, means stationarily securing said member to the outside of the door, an outer knob mounted on said knob-supporting member, a key-actuated locking means for normally locking the outer knob to the knob-supporting member, a latch-actuating spindle adapted to extend through the door and to be operatively coupled to the door latch, means separate from said key-actuated locking means for normally connecting the spindle to the outer door knob, whereby turning movement of the knob when unlocked will turn the spindle, an inner door knob mounted on and connected to the spindle on the inside of the door and by which the spindle may be turned, and means operative from the inside of the door to disconnect said spindle from the outer knob thereby releasing said spindle for turning movement by the turning movement of the inner knob and simultaneously rendering the outer knob, when unlocked, ineffective to turn the spindle.

2,449,712
HEATING ELEMENT SUPPORT
Harry A. Mulvany, Berkeley, Calif.
Application April 26, 1946, Serial No. 665,076
6 Claims. (Cl. 201—74)



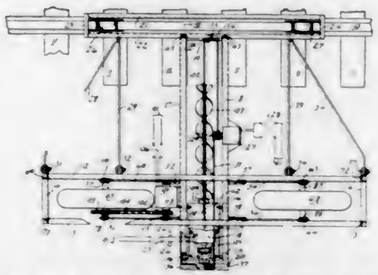
1. An electric heating element support comprising a rectangular shaped base member, a vertically disposed rib formed on one face of the base member and extending substantially from end to end thereof, a finger formed at each end of the rib and spaced from the base member to form a recess at each end of the rib, a head member at each end of the base and spaced away from the adjacent finger, and a lug on each head member extending partially into the recess at the adjacent end of the rib.

2,449,713
COOLING SYSTEM FOR PORTABLE MOTION-PICTURE PROJECTORS
Otto R. Nemeth, Chicago, Ill., assignor, by mesne assignments, to Helene Curtis Industries, Inc., a corporation of Illinois
Application June 14, 1945, Serial No. 599,491
6 Claims. (Cl. 88—24)



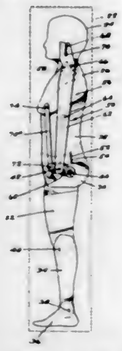
1. In combination in a motion picture projector of the character described, means providing a casing enclosure, a lamp housing disposed in substantially the central portion of the housing and having an air inlet opening at the top thereof disposed within the upper portion of the housing, a pair of drive motors located on respectively opposite sides of the lamp housing, air inlet openings in the casing adjacent to one of said motors, means for effecting suction circulation of air into said lamp housing through said top inlet to draw air from within the casing and force an inflow of cooling air through said casing inlet openings, for cooling said one motor, the remaining motor being disposed in a position substantially below the top of the lamp housing and having an impeller fan, and said casing having an exhaust opening adjacent to said impeller fan for the discharge of air from within the housing past said remaining motor and to supplement the cooling action of air circulating within the housing by forcing circulation of air in the lower part of the housing in addition to the circulation in the upper part of the housing induced by suction of air into the lamp housing.

2,449,714
BALLAST STRIPPER
Dennis M. Praytor and Knox Kershaw, Birmingham, Ala.
Application March 29, 1946, Serial No. 658,123
7 Claims. (Cl. 37—104)



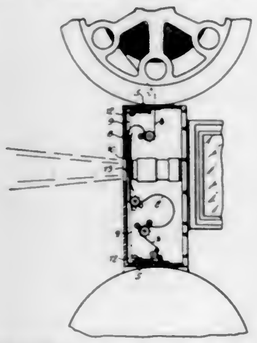
1. In apparatus for stripping ballast from between the cross ties in a railroad track, a main frame extending alongside the track, supporting wheels for the main frame at least one of which is motor driven, transverse frame members joined to the main frame and overhanging the ends of the cross ties, and a reciprocable motor driven augur carried by the transverse frame and adapted to enter between the cross ties.

2,449,715
POSTURE DEMONSTRATING DEVICE
Albert Bruce Puddicombe, North Hollywood, Calif., assignor to Bernard H. Stauffer, Los Angeles, Calif.
Application August 19, 1946, Serial No. 691,536
2 Claims. (Cl. 35—29)



1. In a device of the character described, two articulated parts formed in simulation of corresponding parts of the human body, and means to move said parts to and from a normalcy compatible with accepted standards of correct human posture when in standing position, said means comprising two metal straps, one of said straps being hingedly joined to a head part and a trunk part of said device, the other of said straps being hingedly joined to the chest part of said device, both of said straps also being hingedly connected with the hip part of said device, and a lost motion means operating between said hip part and said trunk part, whereby upon clockwise rotation of said hip part said trunk part is extended, a principal fulcrum means extending through the hip part of said device and a standard to support said fulcrum, and with it said device in operative position.

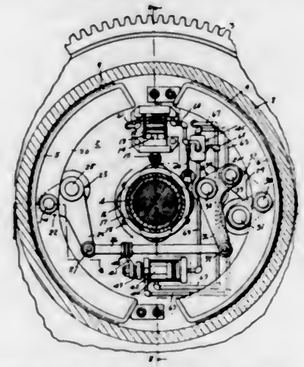
2,449,716
AUTOMATIC FIREGUARD FOR MOTION-PICTURE PROJECTORS
Jules Francis Reney, Victoria, British Columbia, Canada
Application September 27, 1946, Serial No. 699,854
1 Claim. (Cl. 88—17)



The combination with the housing of a film feeding mechanism of a motion picture projecting machine, of guide frames mounted on the top and bottom walls of the housing in covering

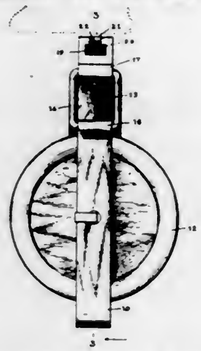
relation to the openings through which the film passes, said frames having transverse slots in register with said openings for passage of the film and inturned longitudinal edges forming guide flanges, shutters slidably mounted in the guide flanges of said frames having a cutting edge for severing the film when moved across the slots of the frames, brackets attached to said frames and said shutters in longitudinal alinement, rods fixedly attached to the brackets of said shutters and slidably mounted in the brackets of said frames, compression springs mounted on said rods between said brackets adapted to move said shutters to sever the film and close the openings, a flexible wire having its ends connected to the brackets of said shutters adapted to hold said springs under compression and said shutters retracted, means for guiding said wire parallel to the film and adjacent thereto, and a fusible link interposed in said wire adjacent the film at the point of exposure.

2,449,717
HYDRAULIC CLUTCH
Charles A. Robertson, San Francisco, Calif.
Application March 10, 1945, Serial No. 581,999
4 Claims. (Cl. 192—85)



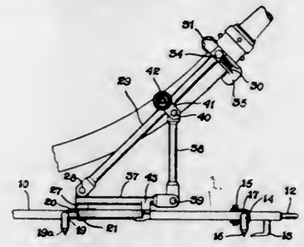
1. A clutch of the character described comprising a fluid pressure pump in a fluid pressure circuit for pumping fluid under pressure through said circuit upon actuation of said pump, a cylinder having a piston reciprocable therein, a pair of fluid pressure conduits, one end of each of said conduits communicating with one end of said cylinder, a control valve in said circuit with which the opposite ends of said conduits communicate arranged and adapted to admit fluid under pressure from said circuit into one or the other ends of said cylinder for causing movement of said piston in one direction or the other as desired, a rotary drive member carrying a friction element movable in opposite directions, means connecting said element with said piston for causing movement of said element in one direction or the other according to the direction of movement of said piston, means securing said pump, cylinder, conduits, circuit and valve to said drive member for rotation therewith, a driven member coaxial with said drive member positioned for frictional engagement with said element upon said movement of the latter in one direction, and means connected with said valve for actuating the same from a point remote from said drive and driven members, and means carried by said driven member for actuating said pump upon relative rotation between said driven and said driving members.

2,449,718
SNATCH BLOCK
Charles H. Bue, Fargo, N. Dak.
Application October 29, 1945, Serial No. 625,222
2 Claims. (Cl. 254—194)



1. A snatch block for stringing wires comprising a frame, a wire supporting sheave rotatably mounted in said frame, a bail of substantially inverted U-shape having vertical side limbs connected by a transverse limb, one of the vertical limbs being longer than the other vertical limb, means pivotally connecting the longer limb to the frame, the shorter vertical limb being spaced from the frame to provide an open side to permit a wire to engage said sheave, and a link pivoted on the short vertical limb of the bail below the transverse limb and engageable with said frame to close the open side of the bail, said bail having a substantially T-shaped slot, said slot being formed with a wide section in the short vertical limb and a narrow section in the transverse limb for detachably connecting an insulator hanger button to the snatch block to support the same, the parts being constructed and arranged so that the snatch block can be detachably connected to the hanger button without interfering with the connection of the link with the bail.

2,449,719
NOZZLE HOLDER
Edward C. Rumsey, deceased, late of Detroit, Mich., by Lillian Gray Rumsey, executrix, Detroit, Mich., assignor to Lillian Gray Rumsey
Application October 17, 1946, Serial No. 703,902
5 Claims. (Cl. 248—80)



1. Nozzle holder construction including a longitudinal center bar, a spike on the rear end of said center bar, a pair of arms hinged to said center bar adjacent its front end for folding alongside the bar and extending at right angles thereto, a hose supporting leg pivotally connected at its rear end to an intermediate portion of said center bar for swinging upward therefrom,

jaw means on the front end of said leg for holding a hose, means detachably connecting said jaw means to the front end of said center bar, and means mounted on said center bar for holding said leg in upwardly adjusted position.

2,449,720
SAND PUMP
James J. Santiago, Los Angeles, Calif., assignor, by mesne assignments, to Grant Oil Tool Company, Los Angeles, Calif., a corporation of California
Application June 15, 1945, Serial No. 599,549
1 Claim. (Cl. 166—19)



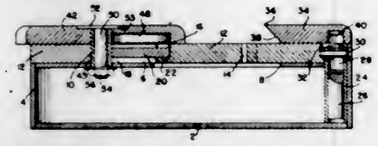
A well sand pump comprising a barrel adapted to be thrust down into the sand, a plunger in the barrel and including a sand-receiving chamber vertically reciprocable into and out of the sand, means for retaining accumulated sand in said chamber, said plunger having an upper portion extending out of the barrel, a coil spring about said upper portion of the plunger, and means normally confining the upper end of said spring to cause the spring to resist downward movement of the plunger relative to the barrel, the last mentioned means being releasable to relieve said resistance of the spring.

2,449,721
BAILER UNLOADING RACK
James J. Santiago, Los Angeles, Calif., assignor to Grant Oil Tool Company, Los Angeles, Calif., a corporation of California
Application September 4, 1945, Serial No. 614,155
3 Claims. (Cl. 166—19)



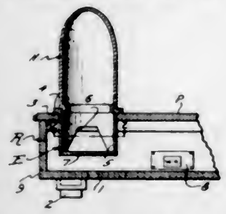
1. Apparatus for use in dumping a fluid charge from a well bailer having parts relatively rotatable to dump the charge, a floor-supported standard, a vertically inclined continuously open side cradle carried by said standard and adapted to receive and support the bailer in inclined position, and means forming within the cradle an open end recess adapted to receive and hold one of said bailer parts against movement relative to the other part, said means also presenting upwardly facing shoulders upon which the bailer is rested.

2,449,722
BANK OR JEWELRY BOX
Clinton W. Saathoff, San Antonio, Tex.
Application November 15, 1946, Serial No. 710,052
2 Claims. (Cl. 232—4)



1. A bank having a top formed with a large opening, a lid for the opening having a circular counterbore forming an arcuate shoulder and a longitudinal slot communicating with the bore, said lid having a slot by which coins and the like can be dropped into the bank and means in the longitudinal slot pivotally securing the lid to the bank, a circular weight in the bore, a cover for the lid formed with a lower eccentric circular cavity and pivotally mounted on said latter means, said eccentric cavity being angularly disposed from the bore when the cover and lid are longitudinally aligned with one another, whereby rotation of the cover from its normally aligned position along the lid will align the cavity with the weight and inversion of the bank will cause the weight to fall into the cavity and retrograde movement of the cover will retain the weight in the cavity when the bank is returned to upright position, and means in the bank engageable with the lid for preventing sliding movement of the lid when the bank is inverted and until the bank is returned to upright position.

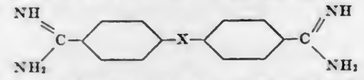
2,449,723
BOTTLE WARMING DEVICE
Louis Schworm, Jr., Washington, D. C.
Application August 30, 1945, Serial No. 613,598
3 Claims. (Cl. 219—38)



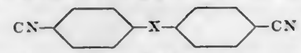
1. A bottle warming device of the character stated comprising a receptacle, means for heating liquid therein, a cover for said receptacle, said cover having an opening therein, a cup-like container insertable through said opening to extend into the receptacle, said container having a wall opening to admit liquid and steam from the receptacle into the container, the container having an encircling top flange, said flange and container being formed for the establishment of a relatively tight engagement between their opposing surfaces, the container being designed to receive a bottle, and a relatively long cover adapted to enclose said bottle and having tight detachable connection with the container.

2,449,724
MANUFACTURE OF AMIDINES
Wallace Frank Short and Maurice William Partridge, Nottingham, England
No Drawing. Application March 8, 1948, Serial No. 13,744. In Great Britain July 11, 1945
3 Claims. (Cl. 260—564)

1. A process for the preparation of a thiocyanate salt of an amidine of the formula

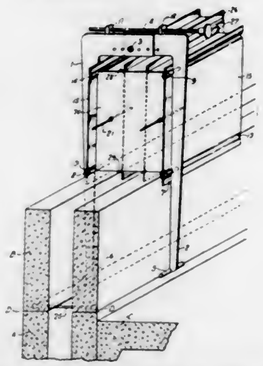


which comprises heating a dinitrile of the formula



with ammonium thiocyanate to a temperature of the order of 180–240° C., X being a member of the group consisting of —O— and —O(CH₂)₃O—.

2,449,725
FORM FOR MOLDING CONCRETE WALLS
Frazeur S. Slater, Chicago, Ill.
Application April 26, 1945, Serial No. 590,336
7 Claims. (Cl. 25—131)



5. A mold adapted for use in the construction of a plastic wall comprising a plurality of sections in the form of a tier with the junctions between adjacent sections at the outer face of the tier being substantially parallel straight grooves, said mold comprising a pair of plates each having a rib on its inner face extending parallel and adjacent to the lower edge of the plate to provide an overlap portion between the rib and the said edge of the plate, each plate also having a rib on its inner face extending parallel to the aforementioned rib and spaced above the aforementioned rib a distance equal to the distance between the grooves in said tier, said ribs serving to form the said junction groove between adjacent sections, a clamp in the form of an inverted U straddling the outer sides of said plates for retaining said plates in parallel spaced relation to receive a plastic therebetween and to define the section being formed, the legs of said U clamp extending beyond the lower overlap edge of each of said plates, and upper, lower and intermediate registering means carried by each of said legs and spaced vertically from each other a distance substantially equal to the distance between said junction grooves in said tier, said upper and intermediate registering means interengaging the plates in said ribs and said lower registering means being adapted to engage the two previously formed sections in their junction grooves whereby each mold plate may be accurately positioned with respect to the second previously formed section regardless of the extent the last formed section has settled whereby upon pouring the plastic between said plates the overlapping portion and rib of each of each of said plates is adapted to cooperate with the plastic to complete and perfect the last previously formed section in case of shrinkage.

2,449,726
DIRECT COATING OF SILVER ON IRON OR STEEL
Alfred Daniel Slatkin, Toronto, Ontario, Canada, assignor to Arthur F. Cutten
No Drawing. Application July 12, 1945, Serial No. 604,725
2 Claims. (Cl. 204—46)

1. The process of applying directly to a ferrous metal cathode a coating of silver comprising; placing said ferrous metal cathode in an aqueous bath having sodium cyanide 8 to 15 ounces, silver cyanide ¼ to 2 ounces, sodium chloride ¼ to 2 ounces, potassium carbonate ⅛ to 1 ounce, to a gallon of water; placing an iron anode in said bath and passing an electrical current of a value between 30 to 200 amperes per square foot of surface area of the cathode, between said anode and cathode.

2,449,727
CASING FOR REMOVABLY ENCLOSING IDENTIFYING TAGS
Doris K. Sloane, New Bedford, Mass.
Application November 25, 1943, Serial No. 511,724
4 Claims. (Cl. 40—10)



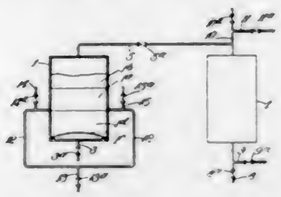
1. A device for removably enclosing thin rigid identifying tags having a hole centrally of and adjacent one end thereof comprising a casing having complementary front and rear walls of thin soft flexible material of suitable contour closely to surround the tag, means permanently uniting the marginal edge portions of the sides and lower ends of said complementary walls but leaving at the upper end an open mouth to permit the introduction and removal of the tag, alined apertures in the complementary walls centrally of and adjacent the mouth thereof, an endless flexible suspension member of sufficient length to encircle the neck of the wearer extending through said alined apertures and the hole in the tag therebetween operable when thus assembled and the casing and tag supported by the flexible suspension member to close and retain said mouth closed but to permit opening of the mouth and withdrawal of the tag therethrough by slackening the suspension member without detaching the suspension member from the casing or from the tag.

2,449,728
ARTIFICIAL HAND AND ARM
Hans J. Snethun, Vancouver, British Columbia, Canada
Application January 24, 1946, Serial No. 643,021
4 Claims. (Cl. 3—12)



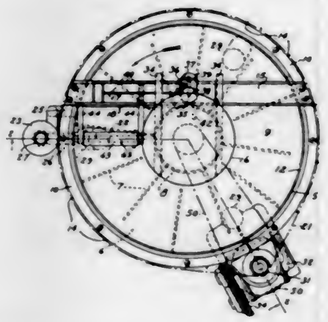
1. An artificial hand and arm comprising upper and lower arm portions having side bars pivoted to each other to form by an elbow joint the side bars of the upper arm portion being formed with slots eccentric to the pivots of the elbow joints, a hand at the front end of the lower arm portion having fingers movable to opened and closed positions, and actuating rods slidable longitudinally of the side bars of the lower arm portion and having front ends connected with the fingers and their rear ends engaged in the slots formed in the side bars of the upper arm portion whereby the actuating rods will be shifted longitudinally along the lower arm portion and cause movement of the fingers to a closed position when the lower arm portion is swung about the elbow joint to a raised position.

2,449,729
PROCESS FOR THE PRODUCTION OF INDUSTRIAL OR POWER GASES
Michael Steinschlaeger, London, England
Application December 29, 1944, Serial No. 570,482
In Great Britain September 24, 1942
6 Claims. (Cl. 48—197)



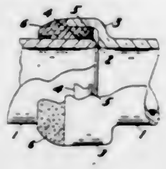
6. A process for the production of industrial and power gases in which a bed of solid fuel or a mixture of solid fuel with oil is subjected to alternate blowing and gas making periods in a generator provided with a grate, which comprises subjecting the fuel in the generator to blowing, withdrawing blowing gases from the generator, mixing the said withdrawn gases with another fuel and with an oxidizing gas, passing the mixture thus obtained through a regenerator to heat the same, thereafter passing steam through said regenerator to produce superheated steam, mixing said superheated steam with oil, the said superheated steam being at a sufficiently high temperature and possessing sufficient sensible heat to crack the oil, passing steam through the generator in a downward direction to make gas, withdrawing the made gas from the generator between the lower boundary of the reaction zone and the grate, and mixing said made gas with oil to carburet the same, the carburetting of the made gas being effected solely by the sensible heat of the made gas and the undecomposed steam.

2,449,730
SLUSH ICE MAKING MACHINE
William H. Taylor, Waukesha County, Wis., assignor to The Vilter Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 20, 1944, Serial No. 564,241
17 Claims. (Cl. 62—106)



1. In combination, a casing having a flat annular freezing surface, means for constantly maintaining said surface at freezing temperature, means for constantly feeding liquid upon and throughout the area of said surface, and a constantly revolving scraper for planing the congealed liquid from the surface and for conveying the removed product toward the center of the annulus.

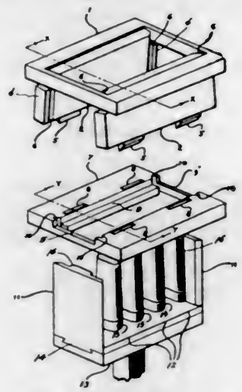
2,449,731
GROWTH POISONING SEWER JOINT
Robert F. Therrien, Toledo, Ohio
Application March 29, 1946, Serial No. 658,365
2 Claims. (Cl. 285—115)



1. A duct drain section bell end providing an opening, a complementary drain section having an end thereof in the bell, an endless copper ring having a cylindrical sleeve portion extending from a radial flange, said ring in its endless extent having snug bearing with one of the sections at the sleeve portion and snug bearing contact with the other section at said flange thereby to form a tight seal between the sections, and a sealing cement of greater radial thickness than the ring flange, said cement extending into the bell covering the ring and providing ring-concealing reinforcement.

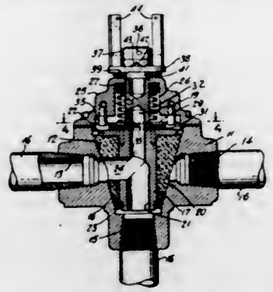
2,449,732
MOLD FOR FORMING CEMENTITIOUS BLOCKS
Clayton B. Voege, Indianapolis, Ind.
Application January 11, 1946, Serial No. 640,529
3 Claims. (Cl. 25—121)

1. A mold comprising a top table, a carrying head, a bed plate carried by the head, opposed walls for the mold cavity carried by the head, opposed walls for the mold cavity carried by the



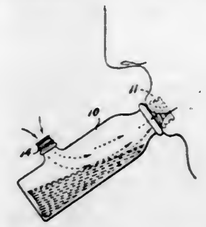
table, and means for maintaining the walls of the mold in assembled relation.

2,449,733
VALVE ACTUATING MECHANISM
Herbert C. Wilkening, Dayton, Ohio, assignor to United Aircraft Products, Inc., Dayton, Ohio, a corporation of Ohio
Application April 22, 1944, Serial No. 532,223
2 Claims. (Cl. 251—97)



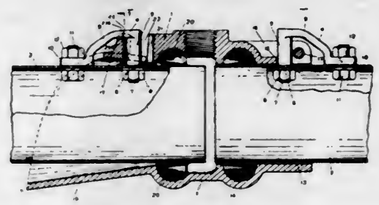
1. In a fluid distributing mechanism having a body and a valve in said body movable in rotary and axial directions, said valve having an operating shaft extending from said body and through which shaft motion is imparted to said valve; actuating mechanism for said shaft including an angular head fixed to said shaft outside body; an actuator ring surrounding said shaft adjacent said head; spring means urging said actuator ring and said head into contacting relation; projecting lugs on said actuator ring arranged alongside said head and operative during rotary movement of said actuator ring to engage and turn said head and said shaft, said lugs occupying initially a position spaced from said head whereby a lost motion period intervenes between the start of rotary motion of said actuator ring and the time of engagement of said lugs with said head; and complementary cam means carried by said actuator ring and said head for effecting axial motion of said head and said valve operating shaft during said lost motion period, said means including rolling members carried by said ring, and grooves in said head receiving said rolling members.

2,449,734
MEDICINAL ATOMIZER
Oscar Otto Wunsch, Gulfport, Miss.
Application June 9, 1947, Serial No. 753,485
1 Claim. (Cl. 128—173)



A liquid medicament container and inhalator consisting of a bottle having a reduced neck at the top thereof adapted to be inserted into the mouth of a patient, said neck having an opening leading to the interior of the bottle, a removable closure closing and sealing said opening, a nipple located in the side of the bottle near the bottom thereof and having an opening leading to the interior of the bottle, and a removable closure adapted to close and seal the nipple opening; both of said openings being of substantial dimensions and being clear of all obstructions so that there may be a free flow of air therethrough; the interior of said bottle being entirely free of all obstructions including tubes so that the bottle will contain nothing except the liquid medicament and air; the inhalator being adapted to be partly filled with liquid medicament and tilted and held with the upper end open and inserted in the mouth of the patient and the nipple opening exposed to the atmosphere, so that the patient by mouth suction may draw air in through the nipple opening and over the considerable surface of liquid caused by tilting of the bottle, whereby vapor will be picked up from said liquid medicament before the air flows into the patient's oral and nasal cavities.

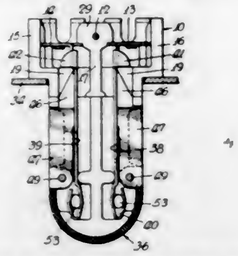
2,449,735
IRRIGATION PIPE COUPLING
Chris Wyss, Tillamook, Oreg.
Application April 16, 1946, Serial No. 662,443
4 Claims. (Cl. 285—175)



1. A pipe coupling comprising in combination, a coupling member, a pipe end to be coupled therewith and having an outstanding pin secured adjacent its end, said coupling member being formed to receive a pipe end and having a slot for receiving the outstanding pin on the pipe end and including a locking member extending across said slot for retaining the pipe pin in said slot, said pipe pin including a brace portion extending angularly therefrom and being secured to said pipe in spaced relation from the pin proper to brace the pin relative to the pipe wall

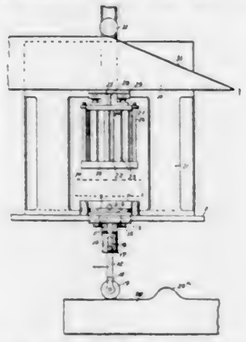
and prevent deformation of said pipe wall, said brace portion being positioned to overlie said locking member to secure said pin in said slot against accidental displacement therefrom.

2,449,736
ELECTRICAL CONNECTION OF SEPARABLE CHARACTER
Samuel Bogen, New York, N. Y.
Application August 23, 1946, Serial No. 692,455
2 Claims. (Cl. 173—328)



1. In a separable electrical connection, a prong member provided with parallel projecting contact prongs, a socket member provided with openings adapted to receive said prongs and with interior contacts engageable by said prongs, each of said prongs comprising a metallic strip whose forward end is provided at its opposite edges with parallel latching wings arranged at substantially right angles to the plane of said strip, means for mounting said prongs so that they will deflect as spring latches, said openings in the socket member being provided with oblique walls for camming said prongs into deflected positions as they are inserted, latch-engaging shoulders at the inner ends of said oblique walls and adapted to be engaged by the rear edges of said latching wings when the prong member is inserted to its full extent, and wedge-shaped projections on the prong member adapted to fit within said openings and bear against said oblique walls when the prong member is in its fully inserted position.

2,449,737
SLICING, CUTTING, AND CORE-REMOVING MACHINE
Edward W. Bridge, Philadelphia, Pa.
Application October 8, 1946, Serial No. 701,967
3 Claims. (Cl. 146—42)



1. In a fruit slicing and coring machine wherein is provided a turntable on which the operating units are mounted, the improvement which comprises a dump plate hinged to the turntable at its periphery and normally resting on the top of the table, a die plate mounted on said dump plate, a shield around the dump plate and open at the hinge side of the same for discharge of cuttings on said die plate, and cam operated means separate from the dump plate hinge but engaging the plate for raising said dump plate to dump the cuttings over the periphery of the turntable.

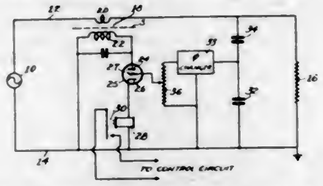
2,449,738
OIL EMULSION TREATER
George E. Dake, Parkersburg, W. Va., and Joe A. Lyne, Houston, Tex., assignors to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a corporation of West Virginia
Application April 14, 1944, Serial No. 531,106
18 Claims. (Cl. 210—52.5)



1. In an oil and water separator, a pair of substantially vertical casing units one within the other and spaced to form therebetween a vertically elongated fluid path, the inner casing unit having an open lower end communicating with the lower end of said fluid path for the flow of fluid therefrom into said inner casing unit, means for introducing a mixture of oil and water into said path at a point spaced a substantial distance above the lower end thereof, heating means within the lower portion of said inner casing unit, baffle means arranged in the inner casing unit above said heating means, an oil outlet communicating with the inner casing unit at a point spaced above the bottom thereof, and a water outlet communicating with said outer casing unit adjacent the bottom thereof.

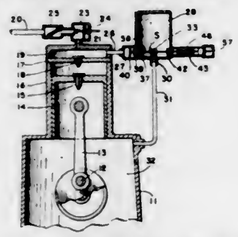
2,449,739
APPARATUS FOR DETECTING VARIATIONS IN LOAD IMPEDANCES
William S. Duttera, Lynbrook, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application May 19, 1945, Serial No. 594,761
3 Claims. (Cl. 177—311)

1. In a circuit including a source of high frequency energy and a load, means for deriving a potential proportional to the current drawn by said load, means for deriving a potential proportional to the voltage across said load, means for applying one of said potentials to the anode-cathode circuit of a thermionic discharge tube, means for applying the other of said potentials to a control electrode of said thermionic discharge tube, means for so adjusting the amplitude and phase of one of said potentials with respect to the other that under normal conditions a minimum current flows in the anode-cathode circuit of said



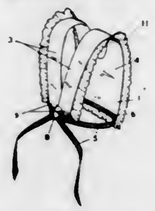
thermionic discharge tube, and means responsive to an increased flow of current in said anode-cathode circuit for controlling an alarm circuit.

2,449,740
PRESSURE UNLOADER FOR COMPRESSORS
Joseph Felser, Jr., Guam, Marianas Islands
Application August 14, 1947, Serial No. 768,695
7 Claims. (Cl. 230—21)



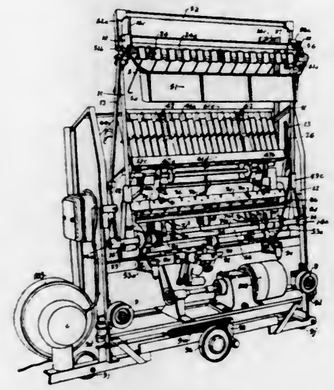
1. For use with a motor-driven gas condensing compressor having a suction side and a discharge side, a pressure unloading device characterized by a pressure receiving casing, a first conduit between the casing and the discharge side of the compressor, a second conduit between the casing and the suction side of the compressor, a valve controlling the first conduit, a valve controlling the second conduit, said valves being unitarily associated with a valve operating rod and so correlated than when one valve is open the other is closed, and spring means for moving the rod and its valves against pressure in the first conduit only when pressure in that conduit is less than the power of the spring means.

2,449,741
BABY HARNESS FOR CHAIRS
Genevieve M. Fitzpatrick, Portland, Oreg.
Application August 5, 1947, Serial No. 766,171
2 Claims. (Cl. 2—49)



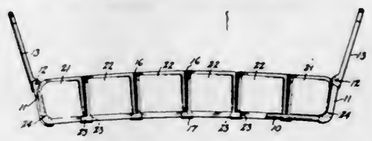
1. A baby harness for securing a child in a chair or the like, comprising an elongated sheet that is bifurcated from one end through a major portion of its length to form a full width portion at one end with the bifurcations forming straps extending therefrom, the full-width portion being of a width to cover the chest of the child for service as a bib and the straps being of a length to extend over the shoulders and down the back of the child, a ring member uniting the free ends of the straps, a tie member secured to and across the bib-forming full width portion, and being of a length to extend around the body of the child, through said ring member and about the back of a chair.

2,449,742
METHOD AND APPARATUS FOR DOFFING SPINNING FRAMES AND THE LIKE
George Alfred Rea Foster and James Gregory, Didsbury, Manchester, England, assignors to The British Cotton Industry Research Association, Didsbury, Manchester, England, a British association
Application November 27, 1945, Serial No. 631,114
In Great Britain November 30, 1944
15 Claims. (Cl. 57—53)



5. In a doffing apparatus for ring spinning, doubling and twisting frames, means for engaging and raising the full bobbin with the result that some of the yarn thereon unwinds over the lower end of the bobbin on to the spindle, means for catching or picking up the yarn below the bobbin as it so unwinds, and thereby limiting the amount of yarn which winds onto the spindle so that this yarn is readily pulled away with the full bobbin at the succeeding doffing, means for gripping and severing picked up portion of the yarn in such a way as to hold the end leading to the spindle and thence to the traveller and release the end leading to the bobbin.

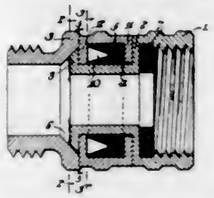
2,449,743
GRID FOR ICE TRAYS
Robert Lay Hallock, Larchmont, N. Y.
Application April 2, 1936, Serial No. 72,250
23 Claims. (Cl. 62—108.5)



6. A grid including a longitudinal member adapted to be bowed, a lever handle pivotally associated with said member and adapted first

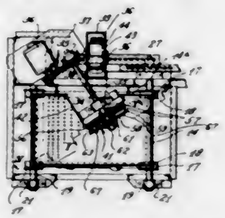
for releasing the grid from a tray and then for bowing said member, said lever handle being movable through a given arc, and a part attached to and movable in correspondence with the lever handle having a first abutment engageable with a tray at a given point in the lever arc for release of the grid from the tray and a second abutment engageable with another part of the grid at a further given point in the arc of travel of the lever handle to cause the grid to be bowed.

2,449,744
SWIVEL COUPLING
Pierre M. Hardwick, Los Angeles, Calif.
Application May 14, 1946, Serial No. 669,487
2 Claims. (Cl. 285—97.9)



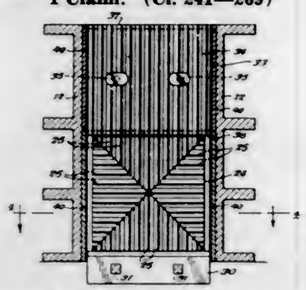
1. In a swivel coupling, in combination, a tubular coupling element threaded at one end thereof and provided at its opposite end with a pair of longitudinally spaced inwardly projecting radial flanges forming an inwardly presenting gasket-receiving channel within said element, a second tubular coupling element telescoped within said first coupling element, said coupling members being adapted for relative rotation about the longitudinal axis of the coupling, means for securing said couplings against relative axial displacement including a pair of annular flanges and a longitudinally extending sleeve portion therebetween formed integrally on said second coupling element to provide an outwardly presenting channel within which said gasket-receiving channel is nested, and an expansible gasket disposed within the space formed between said nested channels.

2,449,745
SHOT BLASTING MACHINE
Walter E. Jewell, Los Angeles, Calif.
Application April 1, 1947, Serial No. 738,516
4 Claims. (Cl. 51—13)



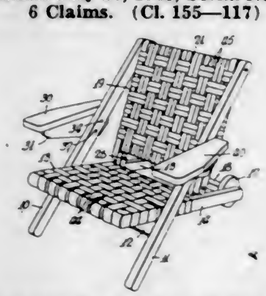
1. A shot blasting machine comprising a rotatable tumbling drum having a generally horizontal axis, a generally horizontal rotatable shaft projecting into the drum at one end thereof and at an acute angle to the drum axis, and a narrow shot-throwing wheel disposed on the shaft inside of the drum so that a shot pattern may be thrown diagonally across the drum to cover the entire axial length of the drum.

2,449,746
WEAR PLATE FOR JAW CRUSHERS
Revere P. Kinkel, South Porcupine, Ontario, Canada, assignor to Buffalo Ankerite Gold Mines, Ltd., South Porcupine, Ontario, Canada
Application May 6, 1944, Serial No. 534,401
1 Claim. (Cl. 241—269)



In a crusher having a stationary jaw and a movable jaw which is movable toward and from said stationary jaw, the combination of a wear plate of hard material for one of said jaws, said wear plate being of the width of said jaw and of a height equal to said width, said wear plate having its material engaging face divided by diagonals into four areas and having corrugations in each of said areas extending substantially perpendicular to the adjacent edge of said plate, to approximately said diagonals.

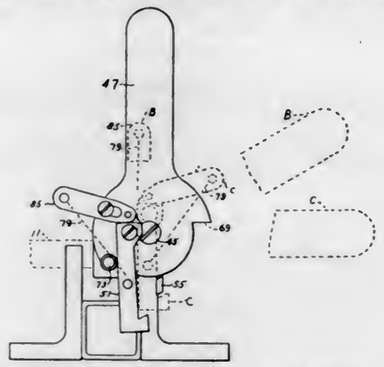
2,449,747
LOUNGE CHAIR
Ferdinand Kramer, Port Chester, N. Y.
Application July 27, 1945, Serial No. 607,284
6 Claims. (Cl. 155—117)



2. In a lounge chair of the character described, a bracing frame slanting rearwardly upwards and provided with a seat support, the lower end of said frame defining a front support for the chair, a seat frame slanting forwardly upwards and intersecting said bracing frame at the level of said seat support, the lower end of said seat frame defining a rear support for the chair, a back frame pivoted at its upper edge to the upper end of said bracing frame and at its lower edge to a midportion of the seat frame rearwardly of said intersection, and means for releasably securing the seat frame, at selected different regions thereof, to said seat support.

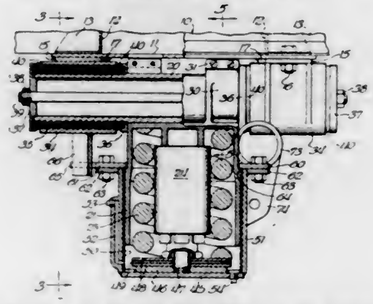
2,449,748
SNAP-ACTION LATCH FOR WORK HOLDING VISE
Homer G. Luft, Dearborn, Mich.
Application September 11, 1944, Serial No. 553,647
2 Claims. (Cl. 81—25)

1. Snap action holding means comprising, a stationary structure, a member movably secured to said structure, a latch control disc having a central aperture, a pivot passing into said member through said aperture in the control disc for pivotally securing said disc on a portion of said member which is movable toward or away from said structure, a second pivot secured in and extending from said disc in a relation axially spaced from and parallel to the first mentioned pivot, a latch having an apertured end pivotally mounted on said second pivot on said disc, the free end of said latch having a hook projection extending therefrom in the plane of rotation of the latch, a projection extending from said stationary structure to be engaged by said latch and its hook



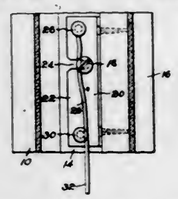
projection when the member is adjacent the structure, a spring secured at one end to an intermediate portion of said latch, a lever, means pivotally securing one end of said lever to the pivoted end of the latch, means securing the other end of said spring to the free end of said lever, slidable connection means between said disc and said lever for turning the lever relatively to the latch to draw the spring to one side or the other and to snap the latch to one side or the other as the disc and the latch are relatively rotated, and a stop for engaging the latch on the side opposite from the side which engages said stationary projection for holding the latch and limiting its movement relative to the disc as the latter is rotated on its pivot.

2,449,749
FIFTH WHEEL ASSEMBLY
Robert W. Pointer, Portland, Oreg.
Application November 28, 1945, Serial No. 631,290
20 Claims. (Cl. 280—110)



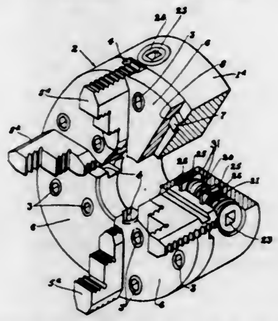
1. In a vehicle front axle fifth wheel construction, a longitudinal trunnion supporting a vehicle frame for tilting movements relative to said axle, and pivotal means for mounting said trunnion for relative rotation in said axle comprising a vertical cylinder in said axle, a barrel in said cylinder carrying said trunnion, and resilient means bearing in the bottom of said cylinder supporting said barrel for vertical and rotative movement relative to said cylinder.

2,449,750
FASTENER FOR STORM WINDOWS AND THE LIKE
Rollen Redmond, Arlington, Mass.
Application September 28, 1946, Serial No. 700,089
2 Claims. (Cl. 292—303)



1. A fastener for storm sash or the like comprising a base having provision for securing it to the face of the sash and including a plate projecting therefrom to lie along the inner edge of the window casing, the plate having an open-sided notch to receive a pin projecting from the casing, a yieldable arm pivoted at one end of the plate to swing transversely to the casing and means on the plate for releasably engaging the arm adjacent its other end with its middle portion across the notch to engage such a pin received in the same.

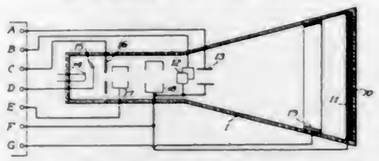
2,449,751
LATHE CHUCK
George V. Rogers, Waterford, Conn.
Application February 5, 1946, Serial No. 645,617
2 Claims. (Cl. 279—112)



1. A lathe chuck comprising a body section having a plurality of radial recesses, a front plate section detachably secured to the body section and provided with radial jaw-receiving slots, one for each recess, which slots extend through the front plate section from the front face thereof to the back face, thereby dividing said front plate section into identical sectors, a chuck jaw slideably mounted in each slot, a jaw-actuating screw in each radial recess, the threads of each screw engaging teeth in the corresponding jaw, and each screw having a necked-out portion, and the recess for each screw having a peripheral groove regis-

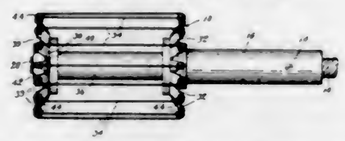
tering with said necked-out portion, a two-part thrust bearing encircling the necked-out portion of each screw, and comprising a front section and a back section, the peripheral portion of said thrust bearing being retained in said groove, the sectors of the front plate section bearing against the front section of each thrust bearing and clamping the two thrust bearing sections together and retaining them in said groove.

2,449,752
CATHODE-RAY TUBE
Thomas N. Ross, near Seattle, Wash.
Original application January 7, 1946, Serial No. 639,616. Divided and this application June 20, 1947, Serial No. 755,939
13 Claims. (Cl. 250—164)



1. A cathode ray tube having associated therewith a screen structure of a nature susceptible of permanent alteration in its sensitivity to electron bombardment by initial bombardment.

2,449,753
FISH SCALING DEVICE
John F. Sawyer, Millis, Mass.
Application February 24, 1944, Serial No. 523,698
6 Claims. (Cl. 17—5)



1. In a fish scaling device, a rotatable head comprising an axially extending element having means at one end for securing it to a power shaft to rotate therewith, a plurality of end members spaced apart on said axial element and having resilient portions extending radially outward from said axial element, means securing said end members in their spaced relation and against rotation on said axial element, a series of wires extending from one to another of said end members in general parallelism with the axis of rotation of the head and in spaced relation around said axis, and means removably securing end portions of the individual wires to said resilient portions of said end members.

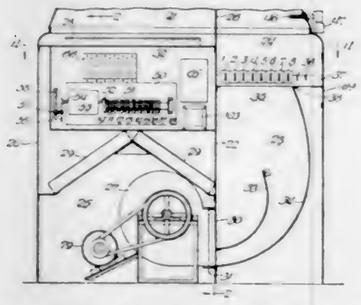
2,449,754
FITTING FOR CONNECTING PIPES BY WELDING
Oskar Seitz, Baden, Switzerland
Application August 25, 1945, Serial No. 612,587
In Switzerland December 20, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 20, 1963
7 Claims. (Cl. 285—111)

1. A universal pipe fitting for connection by welding between pipe ends of the same or different diameters including a unitary connecting member having at least one integral extension nipple of substantially tapering form comprising demarked integral severable sections each having a diameter at the point of demarcation corresponding to a standard pipe size whereby upon the severance of any selected one of which an end



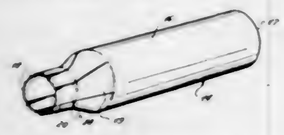
surface will be provided on the remaining unsevered part of the nipple of a diameter appropriate for connection by welding to a pipe end of corresponding diameter.

2,449,755
ELECTRIC HEATING AND VENTILATING UNIT
Riley H. Taylor, Portland, Oreg.
Application November 20, 1945, Serial No. 629,852
20 Claims. (Cl. 219—39)



1. An electric furnace comprising a cabinet containing a plenum chamber and an air return chamber in side by side relation therewithin, a blower in said air return chamber for blowing air from said air return chamber through said plenum chamber, a bank of heating units disposed in closely spaced relation across the cross section of said plenum chamber, a single air outlet in said plenum chamber, a filter in said air return chamber, an air inlet for said return chamber having a single source of air supply, and a damper in said inlet to control the rate of air flow produced by said blower.

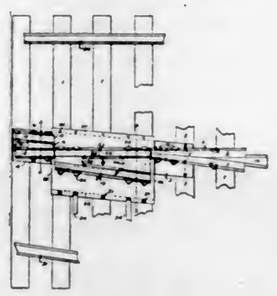
2,449,756
TAIL PIPE EXTENSION
Herbert L. Trautmann, Los Angeles, Calif., assignor to Cal-Pan Corporation, Alhambra, Calif., a corporation of California
Application February 18, 1947, Serial No. 729,371
1 Claim. (Cl. 285—183)



A tail pipe extension comprising a generally tubular body member that is open at one end, and a plurality of overlapping axially parallel strips

formed on the other end of the tubular member and reduced in diameter with respect to the tubular member to form an adjustable tail pipe connection.

2,449,757
TRANSVERSELY SLIDING RAILWAY FROG
Anthony L. Vissat, Pittsburgh, Pa.
Application November 27, 1944, Serial No. 565,253
1 Claim. (Cl. 246—392)



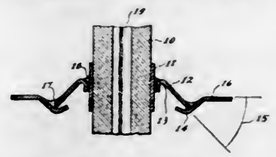
A railway frog construction of the class described comprising the combination of a fixed flat rolled steel base plate provided with lubricating channels on the top face thereof, a pair of flat rolled steel end plates fixed on respective end portions of said base plate, a flat rolled steel frog plate mounted on said base plate between said pair of end plates and being of a width considerably greater than the width of said base plate, the top surface of said frog plate being disposed on the plane of the top surfaces of said end plates, a lubricating element carried by said frog plate operable for supplying lubrication to said channels, a pair of converging pointed rolled steel rail members having a pointed end portion fixed on one of said pair of end plates, the terminal of said pointed end portion overlapping and seating on the adjacent end portion of said frog plate, a pair of converging spaced rolled steel rail members having the end portions thereof fixed on the other of said pair of end plates, the terminals of said spaced end portions overlapping and seating on the adjacent end portion of said frog plate, a pair of rolled steel rail sections fixedly assembled on said frog plate in spaced relation to each other and having the ends thereof spaced from respective ends of said frog plate, a pair of filler blocks disposed between and secured to respective end portions of said rail sections for reenforcing and maintaining the spaced relation of the latter, said frog plate being laterally adjustable in one direction on said base plate to position one of said pair of rail sections in alignment with the terminal of said pointed rail members and with the terminal of one of said pair of spaced rail members, said frog plate being laterally adjustable in the other direction on said base plate to position the other of said pair of rail sections in alignment with the terminal of said pointed rail members and with the terminal of the other of said pair of spaced rail members, and a stop bar fixed at each bottom side edge portion of said frog plate and extending throughout the length of the latter for engaging respective side edges of said base plate to limit the lateral adjustment movements of said frog plate on said base plate to distances providing the exact alignments of said rail sections with the terminal of said pointed rail members and with respective terminals of said pair of spaced rail members.

2,449,758
BED EQUIPMENT
Elsa Helena Clementine Wikmark, Stockholm, Sweden
Application August 14, 1944, Serial No. 549,436
In Sweden February 5, 1942
4 Claims. (Cl. 5—334)



1. Bed equipment comprising a casing consisting of a top portion and a bottom portion, each having two opposite parallel edges, means detachably securing each of the two parallel edges of the top portion to a corresponding parallel edge of the bottom portion, a top quilt and a bottom quilt, each having opposite parallel edges arranged parallel to said parallel edges of the top and bottom portions of the casing, each quilt being attached to a corresponding portion of the casing along lines parallel to but located at a distance from said parallel edges, and top and bottom sheets each having opposite parallel edges arranged parallel to the parallel edges of the quilts, each of said sheets covering the inner surface of the corresponding quilt and each being of greater width between its parallel edges than the dimension between the parallel edges of the corresponding quilt, the edge portion of each sheet adjacent each of said parallel edges thereof being folded between the edge portion of the corresponding quilt adjacent said parallel edge thereof and the corresponding casing portion.

2,449,759
ELECTRICAL SEAL
Harry O. Barschdorf, Adams, Mass., assignor to Sprague Electric Company, North Adams, Mass., a corporation of Massachusetts
Application May 5, 1944, Serial No. 534,192
10 Claims. (Cl. 189—36.5)

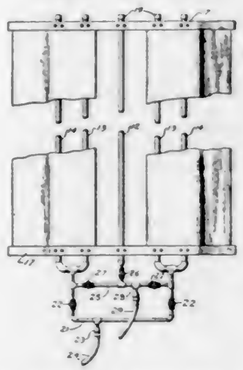


1. A ceramic cylinder having a metallic layer circumferentially bonded to the surface thereof, said metallic layer being bonded to and circumferentially enclosed by a strain-absorbing flange comprising a conical frustum, one end of which provides a circular band adjacent the cylinder and the opposite end of which is bonded to a metal surface.

2,449,760
APPARATUS FOR RELIEVING STRESS IN WELDED PLATES
Clay P. Bedford, Berkeley, Calif., assignor to The Kaiser Company, Oakland, Calif., a corporation of Nevada
Application September 14, 1944, Serial No. 554,131
1 Claim. (Cl. 266—2)

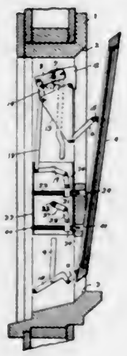
Apparatus for relieving residual stresses in metal plates joined by a weld comprising, a plurality of inverted channel-shaped frame members adapted to be supported on said plates, a pair of substantially parallel heat retaining

hoods secured to and spaced apart by said frame members so as to provide an open space therebetween, each of said hoods including a vertically disposed inner baffle portion and an angularly disposed outer baffle portion, fluid discharge means supported within said open space by said frame members extending along a substantial length of said weld in such a manner as to deliver a cooling fluid to said weld and to a tension zone immediately adjacent to said weld and lying on both sides thereof, a plurality of longitudinally aligned burners supported by said frame members within



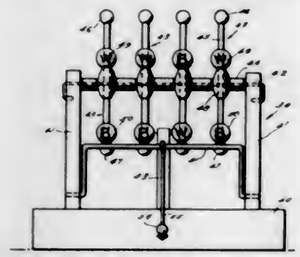
each of said hoods and extending substantially the length of said weld, each of said burners having a plurality of fluid discharge jets, the jets in the burner close to the vertically disposed inner baffle being directed substantially vertically downwardly and the discharge jets in the burner disposed toward the outer baffle being directed outwardly at an angle so that the greatest heat under the hood is applied to the plates directly adjacent the lines of demarcation between the tension and compression zones, and the heat applied is gradually reduced as the distance from these lines increases.

2,449,761
WINDOW SASH MOUNTING AND OPERATING MECHANISM
Robert E. Bemis, Houston, Tex.
Application July 25, 1945, Serial No. 606,985
8 Claims. (Cl. 268—108)



5. The combination with a window casing and a window sash therein; of a transverse shaft on the casing, cross heads fixed on the shaft, lift levers pivoted at one end to the casing and whose other ends are pivoted to the lower portion of the sash, links connecting said levers to corresponding ends of the cross heads, swinging plates pivoted at their upper ends relative to the casing, links connecting the lower ends of the plates to the sash, links connecting the other ends of the cross heads to said plates, said cross heads being effective to swing said levers and plates about their pivots as the shaft is rotated back and forth to move the sash away from, and in sealing relation with, the casing, means for rocking said shaft comprising an arm fixed thereto, a link connected to the arm and means for manually reciprocating the link longitudinally back and forth to rock the shaft.

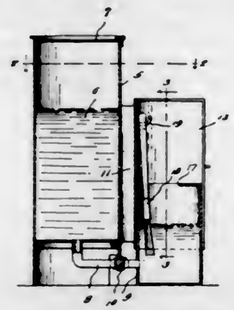
2,449,762
CHANCE SPINNER DEVICE
John Henry Biehl, Westmont, N. J.
Application March 15, 1944, Serial No. 526,529
4 Claims. (Cl. 273—138)



3. Spinner means adapted for use in designating plays employable in connection with a base-ball game apparatus of the class described comprising horizontal base means adapted to be mounted on or used in connection with a prescribed base-ball game apparatus of the type shown and described, a pair of vertical uprights connected to and rising from said base means, a horizontal shaft supported between said uprights, a spinner swingably mounted between its ends on said shaft, said spinner including a rod, shoulder-forming elements secured to the respective outer ends of said rod, indicator balls, said balls being freely slidable on the rod-ends between the shaft and shoulder-forming elements, said rod being freely swingable through a circle of 360°, impact means pivotally mounted between the lower portions of the uprights and swingable through an arc and swingable in the path of rotation of the outer ends of said rod, return means for said impact means for returning and retaining said means in a predetermined ready-to-use position, and manual operating means connected with said impact means.

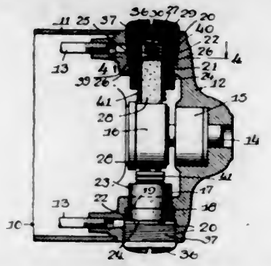
2,449,763
MUCILAGE CONTAINER
Frank G. Blackman, Bluefield, W. Va.
Application June 29, 1945, Serial No. 602,299
2 Claims. (Cl. 222—425)

1. A device of the class described comprising a reservoir adapted to contain liquid and having a substantially air-tight lid, a cylindrical receptacle, a feed pipe connecting the reservoir to the receptacle and having a valve therein to admit a limited volume of liquid to the receptacle, and a pair of hingedly connected semi-cylindrical cover sections closed at their tops and adapted for closing against the sides of the receptacle in tight fitting engagement therewith, and means within



the cover sections for suspending a brush in the liquid of the receptacle.

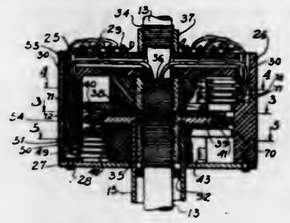
2,449,764
BRUSH HOLDER
Gary G. Bluemink, Racine, Wis., assignor to The Dumore Company, Racine, Wis., a corporation of Wisconsin
Application April 10, 1946, Serial No. 660,887
10 Claims. (Cl. 171—323)



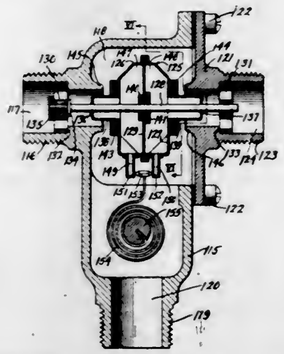
1. A brush supporting construction comprising a motor housing having an aperture, an outwardly facing shoulder in said aperture, a brush holder disposed within said aperture, a flange on said brush holder engaging said shoulder to limit the inward motion of said brush holder with respect to said motor housing, means interlocking with the outer portion of said aperture and limiting the outward motion of said brush holder to maintain the same in a fixed position with respect to said motor housing, a brush slidably mounted in said brush holder, and a spring confined between said brush and said interlocking means to urge said brush inwardly, said brush holder including an insulating sleeve to insulate said brush from said motor housing.

2,449,765
MULTIPLE CIRCUIT STAND LAMP
Paul L. Brattain, Azusa, Calif.
Application January 2, 1945, Serial No. 571,084
1 Claim. (Cl. 200—8)

A rotary multiple circuit switch comprising a housing, a rotatable member extending axially thereof, a disc fixed upon the rotatable member within the housing, a pawl carried by said disc and projecting above the upper face thereof, a pawl carried by said disc and projecting from the lower face thereof, a pair of rotors, one disposed on each side of said disc and freely rotatable around the axis thereof, a continuous circular row of ratchet teeth projecting from the opposed faces of said rotors, one set of teeth to be engaged by the upwardly projecting pawl, and the other set of teeth to be engaged by the lower projecting pawl, the respective sets of teeth and pawls being faced in opposite directions, and providing for movement of the rotors a desired increment of rotation in opposite directions, a plurality of electric contact segments arranged circumferentially on each of said rotors, the contact segments on each of the rotors being separated from each other by intermediate dielectric surfaces, a set of contact fingers mounted within the switch housing and standing in the path of travel of the contact segments and dielectric surfaces of each of said rotors as the same is rotated, and a separate group of electric circuits including each set of contact fingers and adapted to be completed successively by the contact segments of the rotor directly associated therewith and interrupted by the intermediate dielectric segments of said rotor.



2,449,766
MEANS FOR PRODUCING UNIFORM FLUID MIXTURES
Clyde A. Brown, Chicago, Ill., assignor to Dole Valve Company, Chicago, Ill., a corporation of Illinois
Application March 1, 1944, Serial No. 524,546
4 Claims. (Cl. 236—12)



1. A mixer valve comprising a housing, an inlet in said housing for each of two fluids under pressure, valve means associated with each of said inlets, an outlet in said housing for the mixed fluid, a mixing chamber in said housing, a fluid container within the housing, a flexible membrane separating the container into adjoining fluid chambers each of which communicates with an inlet, a drain for each fluid chamber, pilot valve means in each drain, said pilot valve means

being mounted to selectively open one drain and close the other, said membrane being secured substantially at its center thereby to enable the container to shift bodily as the membrane is deformed, said valve means being operable by movement of said container to alternately open one inlet and close the other in varying degree, thereby to control the admission of fluid to the mixing chamber.

2,449,767
STRETCHER WITH SKELETAL TRACTION FACILITIES
Charles C. Carpenter, Grand Forks, N. Dak.
Application August 2, 1945, Serial No. 608,439
7 Claims. (Cl. 128—84)



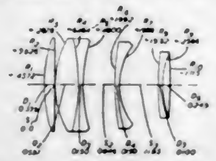
1. A stretcher having skeletal traction facilities comprising a body supporting member, a plurality of handle members extending longitudinally and outwardly from the ends of said body supporting member and an anchoring element to which a traction tie may be secured connected with one of said handle members and extending inwardly and laterally therefrom in spaced relation to the adjacent end of said body supporting member and having a hooked extremity, spaced inwardly some distance from said handle member whereby substantially straight line strain may be applied to a limb of the human body.

2,449,768
HEAT-TREATING MAGNESIUM-ALLOY DIE CASTINGS
Robert C. Cornell, Jackson, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
No Drawing. Application August 1, 1946, Serial No. 687,703
4 Claims. (Cl. 148—21.90)

2. A heat-treatment for pressure die-cast articles formed of a solution-heat-treatable magnesium-base alloy containing from 4 to 12 per cent by weight of aluminum as the major alloying element which consists in heating the as-cast article at an aging temperature in the range of 325° to 700° F. for a time sufficient to effect substantial precipitation, and then subjecting the article to solution-heat-treatment at a temperature of at least 715° F.

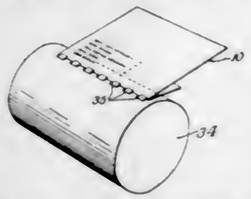
2,449,769
MODIFIED OPTICAL OBJECTIVE HAVING A SIMPLE DIVERGENT COMPONENT AIR SPACED BETWEEN TWO COMPOUND CONVERGENT COMPONENTS
Arthur Cox, Leicester, England, assignor to Taylor, Taylor & Hobson Limited, Leicester, England, a company of Great Britain
Application April 18, 1946, Serial No. 663,087
In Great Britain March 13, 1946
12 Claims. (Cl. 88—57)

1. An optical objective corrected for the spherical and chromatic aberrations, coma, astigmatism and field curvature, and comprising a simple divergent member, a front convergent member consisting of a simple convergent component disposed in front of and slightly separated from a compound convergent component, and a rear convergent member in the form of a doublet having a biconvex convergent element cemented to a meniscus divergent element made of a material having mean refractive index lower than and Abbé V number at least 10 higher than those of the material of the associated convergent element, the axial air separation between the di-



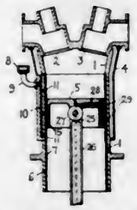
vergent middle member and the convergent front member lying between .07 and .12 times the equivalent focal length of the objective, whilst the axial air separation between the divergent middle member and the convergent rear member lies between 1.0 and 2.0 times that between the divergent middle member and the convergent front member.

2,449,770
METHOD OF RUNNING DIRECT PROCESS GUMMED UNITS
Harold L. Dempsey, Columbus, Ohio, assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application April 2, 1945, Serial No. 586,123
3 Claims. (Cl. 101—131)



1. In the method of duplicating from reverse copy whereby to transfer like and unlike copy from a master to a plurality of moistened copy card unit strips of like width, the steps of placing general data constituting the like copy on one area of a master and uniformly spaced lines of specialized data constituting said unlike copy on another adjacent area of said master, preparing an assembly of unit strips in overlapped stepped relation detachably fastened together with the offset portion of each card of said strip of a width to receive a line of said specialized data, and with the general data receiving portions of aid overlapped cards covered by the cards overlapping the same, folding the master back on itelf between the area having the general data thereon and the area having the specialized data thereon with the general data carrying area underneath, pressing the moistened card assembly with its offset portions in alignment with the lines of specialized data on said specialized data carrying area into engagement with the exposed face of said master to thereby transfer a line of specialized data respectively to each of said card offsets, separating said cards from each other by detaching said cards from said assembly, reversing said master in such folded condition so as to have the area thereof with the general data thereon uppermost, and placing the individual moistened cards successively against the area of said master then exposed to thereby imprint said general data upon said cards.

2,449,771
LINER FOR ENGINE CYLINDERS
Charles H. Dolan, II, Old Greenwich, Conn.
Application September 28, 1945, Serial No. 619,161
9 Claims. (Cl. 309—3)



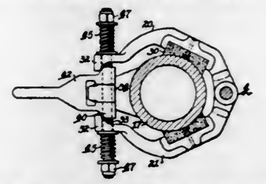
4. A cylinder for an engine or the like comprising a tubular insert in its bore, the insert being made of a metal capable of forming an amalgam with mercury; a layer of mercury on the inner surface of the insert, the insert having a plurality of openings in communication with a common channel in the wall of the cylinder; a tube extending from the common channel to the outside; and a compression cup at the end of the tube for forcing mercury into the cylinder through the channel and openings.

2,449,772
HERMETICALLY SEALED SUBMERSIBLE PUMPING STRUCTURE
Frederick C. Gilman, Pompton Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware
Application March 1, 1945, Serial No. 580,469
7 Claims. (Cl. 103—87)



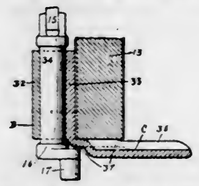
1. In a submersible pumping structure, a housing, a rotative drive crank in said housing, a rotative driven crank in said housing, a fluid-tight wall between said drive crank and said driven crank and having a deformable portion, said fluid tight wall being connected in fluid tight relationship to said housing, and a nutating operating connection between said drive crank and said driven crank for transmitting rotary motion from the drive crank to the driven crank, said operating connection extending through said deformable portion and being fixedly connected therewith to provide a fluid-tight joint between the deformable portion and said operating connection, said drive crank and driven crank being positioned to rotate about a common axis, said nutating operating connection comprising a shaft-like member arranged with its longitudinal axis at an angle to said common axis, said deformable portion being fixed to said shaft-like member in a plane at right angles to the longitudinal axis of the shaft-like member, said driven crank having a bell-like contour conforming to the contour of said deformable portion and being spaced slightly therefrom.

2,449,773
SPINDLE BRAKE
Robert Hargreaves and Albert O. Roy, Whitinsville, Mass., assignors to Whitin Machine Works, Whitinsville, Mass., a corporation of Massachusetts
Application May 18, 1946, Serial No. 670,730
1 Claim. (Cl. 188—166)



A spindle brake comprising a pair of pivoted arms encircling the spindle and having braking pads to engage said spindle and having cam end surfaces, springs to apply braking pressure to said arms and pads, a rod extending loosely through the ends of said arms and on which said springs are loosely mounted, a hand lever loosely mounted on said rod and between the outer ends of said arms and provided with axially projecting cam lugs engageable with the cam surfaces at the outer ends of said arms to force said arms apart, and abutting means on the opposite ends of said rod to resist the outward thrust of said springs.

2,449,774
RETRACTABLE KEEPER FOR DOOR FASTENERS
Stacy B. Haseltine, La Grange, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application June 18, 1947, Serial No. 755,417
5 Claims. (Cl. 292—241)



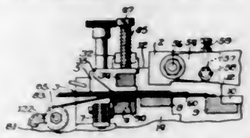
1. In a door fastener for a hinged door of a container, the combination with a rotary operating bar mounted on the door; of a pivoted keeper mounted on the container; a cam arm on said door engageable with the keeper to swing the same to operative position; and crank means on said bar engageable with the keeper.

2,449,775
CATALYTIC SYNTHESIS OF HYDROCARBONS
Wealtha Eloise Hendriksen, New York, N. Y., assignor to Hydrocarbon Research, Inc., New York, N. Y., a corporation of New Jersey
No Drawing. Application August 24, 1946, Serial No. 692,938
9 Claims. (Cl. 260—449.6)

2. The process for the catalytic synthesis of compounds of the class consisting of hydrocar-

bons and oxygenated hydrocarbons by the reduction of a carbon oxide with hydrogen, which comprises passing synthesis gas containing essentially carbon oxide and hydrogen, under reaction conditions, in contact with a catalyst mass containing a metal of the iron group having a minor proportion of tellurium alloyed therewith.

2,449,776
UNIT STRIP ASSEMBLY METHOD AND APPARATUS
Arthur L. Hess, Cincinnati, Ohio, assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application February 24, 1944, Serial No. 523,661
12 Claims. (Cl. 270—58)

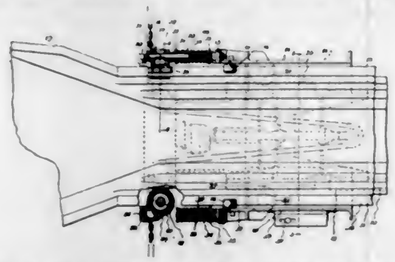


1. In a machine of the character described, the combination with a sheet feeding device of mechanism operable to position and hold envelopes, sheets, cards and the like delivered thereto by said device in overlapped relation with a portion of each envelope, sheet or card exposed at one side of the assembled group, and means operable by said mechanism to press an adhesive tape in contact with one side face of the assembled group while being held in overlapped relation by said mechanism.

5. In a machine of the character described having means to arrange units such as envelopes, sheets, cards and the like in overlapped relation with a like portion of each unit beneath the top one exposed to receive a legend, means to secure the units together as they are so arranged, comprising a pair of gummed tape spools, a framework supporting said spools, guide rollers on said framework guiding tape from said spools to the unit arranging means, and moistening means on said framework for engaging the gummed tape, said moistening means comprising a first moistener adjacent to each spool adapted to initially moisten the tape, and a second moistener for each tape spaced a substantial distance along the path of movement of the tape from the first moistener and adjacent to the arranging means.

2,449,777
FEEDING MECHANISM FOR SHAKER CONVEYERS
John H. Holstein, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application June 21, 1946, Serial No. 678,379
18 Claims. (Cl. 198—220)

1. In a feeding device for shaker conveyors, a reciprocating trough, an extensible trough, and means for moving said extensible trough relative to said reciprocating trough including two friction grip blocks reciprocably moved by one of said troughs and disposed on each side of the other of said troughs for engagement therewith during alternate strokes of the conveyor, fluid operated means for moving said grip blocks to a gripping position to engage said other trough, valve means for supplying fluid under pressure to and releasing fluid from said fluid operated means during alternate strokes of the conveyor, and means for operating said valve means including a shoe, a control lever for moving said shoe into position to cause relative movement between said valve means and said shoe during reciproca-



tion of the conveyor, and an operative connection between said shoe and said valve means.

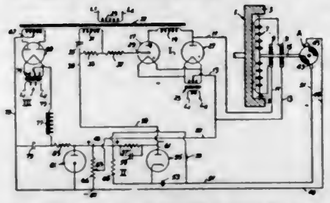
2,449,778
CLOTHES POLE AND CAP THEREFOR
Frank John Hyde, Sharon, Pa.
Application August 30, 1946, Serial No. 694,000
2 Claims. (Cl. 248—353)



2. In a cap for a clothes pole, including an inverted cup-shaped member including a closed end and a substantially cylindrical side wall terminating in a free edge, and means mounting said member on one end of a clothes pole with said side wall concentrically disposed about said pole; the improvement comprising a radially outwardly-directed flange formed on said free edge of said member, said flange being formed with at least one longitudinally-extending groove therethrough, at least one clothes line-engaging hook, said hook including a substantially straight shank portion, means mounting said portion on said cap, said shank portion including a lower end extending through said groove and downwardly along said pole in laterally-spaced relation thereto, said lower end terminating in a laterally-directed loop, said loop terminating in an upwardly-directed hook portion, said hook portion being laterally spaced from said shank portion and inwardly inclined thereto.

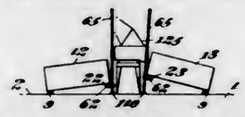
2,449,779
SPEED CONTROL FOR DYNAMOELECTRIC APPARATUS
Ralph L. Jaeschke, Kenosha, Wis., assignor to Martin P. Winther, Waukegan, Ill., as trustee
Application February 21, 1947, Serial No. 730,059
10 Claims. (Cl. 172—284)

1. An electronic speed control for dynamoelectric apparatus having a rotating shaft and an exciter coil adapted variably to control the speed of said shaft, comprising a grid-controlled rectifier means adapted variably to excite said coil, a frequency-modulator circuit for producing electrical impulses of substantially constant amplitude proportional in frequency to the speed of the shaft, a frequency-responsive conversion circuit fed by said modulator circuit and adapted to produce a variable D. C. potential dependent on the frequency of said impulses, and a source of substan-



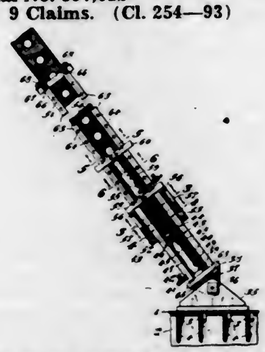
tially constant D. C. potential connected in opposition to said variable D. C. potential to produce a grid-controlling potential, said grid-controlling potential being applied to the grid-controlled rectifier means variably to energize said coil to maintain substantially constant the speed of said shaft.

2,449,780
WING RAISING DEVICE FOR FLOATING DRY DOCKS
William Howe Jameson and E. Leland Durkee, Bethlehem, Pa., assignors to Bethlehem Steel Company, a corporation of Pennsylvania
Application March 18, 1944, Serial No. 527,091
23 Claims. (Cl. 114—45)



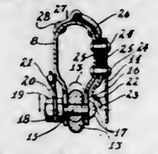
22. A dry dock having a pontoon hull, a wall section thereon having hinged connection with said hull, a column supported on the hull and movably connected to said wall section, and power means coupled to act upon said column to move said wall section about said hinged connection to upright or horizontal position.

2,449,781
APPARATUS FOR LIFTING MASSIVE OBJECTS
William Howe Jameson and E. Leland Durkee, Bethlehem, Pa., assignors to Bethlehem Steel Company, a corporation of Pennsylvania
Original application March 18, 1944, Serial No. 527,091. Divided and this application June 5, 1945, Serial No. 597,612
9 Claims. (Cl. 254—93)



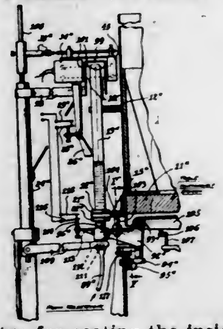
1. A jack strut comprising, a load support comprising withdrawable pins, a pivotally movable strut fulcrum support, a jacking column adapted to engage said pins selectively at a plurality of apertures spaced along its axis and comprising an abutment slab at its lower end, a hydraulic jack cylinder secured to said strut fulcrum support, and a hydraulic jack ram operable within said jack cylinder and comprising at its upper exterior end an abutment cap and an upwardly extending guide member, the said jacking column being adapted for telescopic engagement with said guide member and in abutting engagement with said abutment cap.

2,449,782
BICYCLE STOPLIGHT
Chester C. Knitter, Chicago, Ill.
Application November 19, 1946, Serial No. 710,766
1 Claim. (Cl. 200—52)



In a device of the character described including bicycle brake means provided with a brake lever, electrical contact means of hemispherical configuration secured to the said brake lever, a pair of guiding ears on the bicycle frame adjacent the free end of the said brake lever and provided with elongated slotted portions confining the said electrical contact means to limited movement, single resilient contact means of partially spherical configuration secured to the said bicycle frame and insulated therefrom, a protective cover plate secured over the said resilient contact means, and binding post means on the said electrical contact means and the said resilient contact means for effective connection to an electrical circuit, the actuation of the said brake lever effectuating a closed circuit, the said circuit remaining open normally and during the period when the said brake means is in inoperative position.

2,449,783
APPARATUS FOR COATING THE INSIDE SURFACES OF TUBULAR VITREOUS ENVELOPES
Alfred H. Laidig, Bloomfield, and Frederick T. May, Verona, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 30, 1943, Serial No. 504,372
9 Claims. (Cl. 91—18)



1. Apparatus for coating the inside surface of a light-pervious vitreous envelope comprising

means to hold the envelope vertically, means for automatically feeding coating fluid thereto through its lower end, means for directing a beam of light through its upper end portion, means for automatically terminating the flow of said fluid when it intercepts said light beam, and means for then automatically withdrawing said fluid.

2,449,784
SAFETY DEVICE FOR MOTORISTS
Kerupe Hrant Liman, Rye, N. Y.
Application February 26, 1947, Serial No. 731,166
2 Claims. (Cl. 116—114)



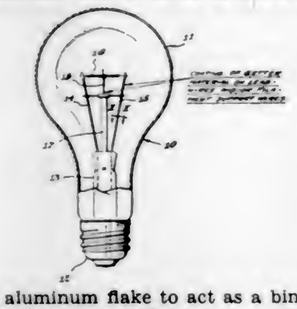
1. A device of the class described comprising a pin pointed at its upper end, a supporting plate connected to the lower end of said pin, a neck band carried by the plate for holding the plate in position in front of the wearer's neck, and a knob having a bore flared toward one end removably carried by the pointed end of said pin, said pointed end projecting slightly outward from said knob when in one position and said knob being invertible to encase said pointed end when the device is not in use.

2,449,785
COMPOSITION AND PROCESS FOR CURING LUMBER AND PRODUCT
Alfred Lippman, Jr., and Rock L. Comstock, Weeks, and Edward B. Benjamin, New Orleans, La., assignors to Bay Chemical Company, Inc., New Orleans, La., a corporation of Louisiana
No Drawing. Application April 1, 1943, Serial No. 481,478
21 Claims. (Cl. 117—147)

17. As a product of manufacture, lumber having surface layers thereof impregnated with a composition consisting essentially of approximately 1 to 8% of alkaline alkali metal phosphate, approximately 3 to 8% of alkali metal sulfate and approximately 84 to 96% of alkali metal chloride.

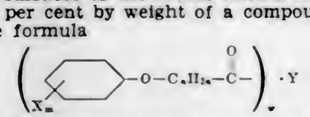
2,449,786
GETTER
George H. Lockwood and Donald F. Way, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 5, 1943, Serial No. 478,116
8 Claims. (Cl. 316—25)

1. A getter for incandescent electric lamps consisting essentially of a major proportion of at least one free powdered metal selected from the group consisting of zirconium, thorium, and cerium, admixed with a minor proportion of degreased aluminum flake to act as a binding and auxiliary clean-up agent.



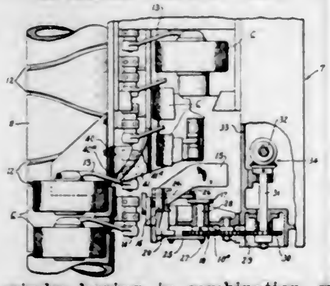
2,449,787
PRESERVATION OF CELLULOSIC MATERIALS
Frederick J. Meyer, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
No Drawing. Application October 9, 1944, Serial No. 557,931
7 Claims. (Cl. 117—138.5)

1. The process of protecting textile materials of cellulosic origin against attack by mildew and rot which includes the step of depositing on the fibrous surfaces of the textile material from 0.5 to 10.0 per cent by weight of a compound having the formula



wherein X represents a halogen selected from the group consisting of chlorine, bromine, and iodine, Y represents a member of the group consisting of hydrogen, ammonium and a salt-forming metal, *n* is an integer from 1 to 3, inclusive, *m* is an integer not greater than 5, and *w* represents an integer equal to the valency of Y.

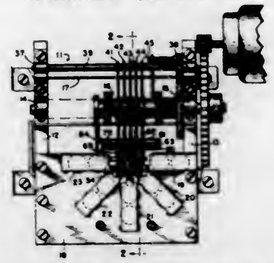
2,449,788
WINDER
Burt A. Peterson, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application February 7, 1945, Serial No. 576,546
13 Claims. (Cl. 242—35.5)



1. A winder having, in combination, a drum, a plurality of winding units each comprising a pivotal cheese support, and a traveling mechanism having means operative to swing the cheeses of successive units from thrown-out position into running position relative to said drum including a lifting device and an actuator therefor, said device being movable by said actuator directly into

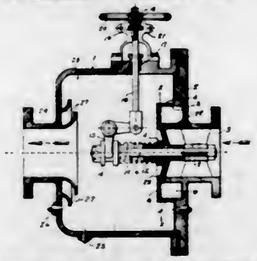
engagement with each of the cheeses in their thrown-out positions to lift the same upwardly and rearwardly toward their running position.

2,449,789
MECHANICAL DECIPHERING SYSTEM
Albert H. Reiber, deceased, late of Evanston, Ill., by Emily Y. Reiber, executrix, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application July 29, 1943, Serial No. 496,552
10 Claims. (Cl. 178—22)



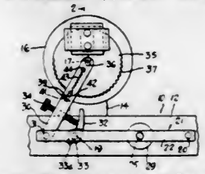
1. In combination, means for sensing the coded record of a tape perforated according to a predetermined plan, a device for deciphering telegraphic messages electrically connected to said means, said device comprising signal controlled means responsive to received telegraph signals, a plurality of cams rotated in timed relation with the receipt of signals by said signal controlled means, a corresponding plurality of cam followers, a plurality of pairs of levers, one pair associated with each cam follower, a series of magnets connected to said sensing means for determining the positionment of said levers, one of said magnets associated with each pair of levers, means controlled by said signal controlled means for also governing the positionment of said levers, and means actuated by said cam followers under the combined influence of said tape sensing means and said signal controlled means to control printer functions.

2,449,790
SEPARATOR
Joseph F. Sebald, Bloomfield, N. J., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware
Application March 17, 1945, Serial No. 583,192
11 Claims. (Cl. 183—82)



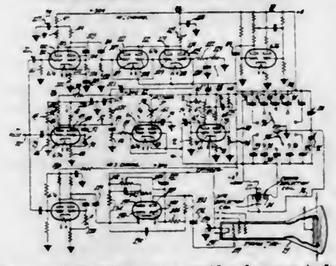
1. In a separator of the centrifugal type, a housing having an inlet for gas or vapor, a plurality of arcuate nozzles in said housing forming curved flow passages to impart centrifugal force to the vapor or gas flowing therethrough, said nozzles including vanes adjustably carried by said housing and subject to movement under variations in the quantity flow of vapor into the housing to vary the cross-sectional area of the curved flow passages to produce relatively constant velocity of vapor or gas through the passages through wide variations of flow rate of vapor or gas to the separator, and means for applying a compression load to said vanes to provide a predetermined differential pressure between the vapor or gas entering the housing and the separation space in the interior of the housing.

2,449,791
WORK HOLDER FOR LAPPING LATHES
Henry H. Silverman, Jamaica, N. Y.
Application December 10, 1946, Serial No. 715,272
1 Claim. (Cl. 51—238)



A device including a support having a plurality of holes therein, a horizontal carrier including a plurality of rods slidably mounted in said holes, a frame having a plurality of bars fixedly mounted on the rods, said bars being spaced from each other to provide a vertical opening therebetween, a screw connected to the support and passing through the bars in parallel relation to the rods, a nut on the screw fitted in said space for actuating the frame toward and away from the support, and arm fitted in said space, a pivot pin for the lower end of the arm passing through the bars, an adjusting screw for angularly setting the arm carried by the latter, the frame having a seating portion for the end of the screw, a disc mounted on the arm at the upper end thereof for angular movement in the plane of the disc, which plane is parallel to the frame, the disc having teeth along the lower edge thereof, means carried by the arm for selectively releasably engaging the teeth to set the disc, a work table mounted on the disc at the upper part thereof for angular movement about a pivot at right angles to the plane of the disc, the work table having a depending flange, a frame element connected to the disc and extending around the flange in spaced relation thereto, and set screws in the frame above and below the pivot of the work table and engaging the flange to cause angular setting movement of the work table.

2,449,792
CATHODE-RAY TUBE SCANNING CIRCUIT
Richard L. Snyder, Jr., Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 31, 1946, Serial No. 644,524
10 Claims. (Cl. 315—22)



1. The combination of a cathode ray tube having a cathode and a ray control grid and a pair

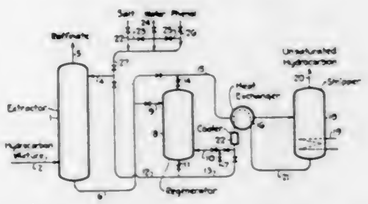
of ray deflecting coils, a pair of tuned circuits each including a different one of said coils, means responsive to an electrical pulse for producing oscillations in the first of said tuned circuits, means responsive to said electrical pulse producing in the second of said tuned circuits oscillations which are in quadrature with the oscillations of said first tuned circuit, and means responsive to said electrical pulse for biasing off the ray of said tube at the end of a predetermined number of said oscillations.

2,449,793

EXTRACTION OF UNSATURATED HYDROCARBONS AND SELECTIVE SOLVENT THEREFOR

Mott Souders, Jr., Piedmont, and Frederic A. French, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application September 22, 1947, Serial No. 775,494
19 Claims. (Cl. 260—677)



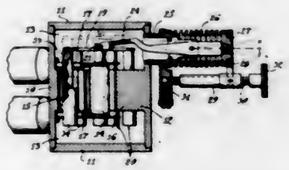
13. A process for the separation of unsaturated hydrocarbons from a hydrocarbon mixture containing the same which comprises contacting said hydrocarbon mixture with a solution of a silver salt of a sulfonated aromatic compound in phenol and a material chosen from the group consisting of water and ethylene glycol.

2,449,794

ELECTRON DISCHARGE DEVICE

Howard L. Steele, Jr., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 12, 1944, Serial No. 558,298
15 Claims. (Cl. 250—27.5)



1. A cavity resonator with a side wall, tuning means therefor comprising a prong in said cavity resonator, means at an end of said cavity resonator supporting said prong, said means being rotatable for revolving said prong within the confines of said cavity resonator and varying the capacitative relation of the prong to said side wall, said prong having one side in direction of rotation of one material and the other side in direction of opposite rotation of another material, and means connected to said means for rotating said prong.

2,449,795

PIPE COUPLING

Crawford K. Stillwagon, Houston, Tex., assignor to Well Equipment Mfg. Corp., Houston, Tex., a corporation of Texas

Application February 14, 1944, Serial No. 522,331
1 Claim. (Cl. 285—194)



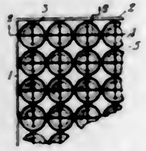
A pipe coupling formed of clamp members hinged together at one side, releasable means for securing said members together around adjacent pipe ends at the other side, inside teeth at the ends of each member for engaging the respective pipe ends, an annular seal ring adapted to surround the adjacent ends of the pipe sections within the coupling and sealing the joint between said adjacent ends, said seal ring being formed of resilient material and having an inside, annular cavity provided with an inside annular slit extending inwardly from the cavity through the wall of the gasket, an annular band formed of rigid material within, and extending entirely around, said cavity and provided with an annular inside radial flange which extends inwardly through the slit beyond the inside of the gasket to form a yieldable stop.

2,449,796

DOOR MAT

Joseph Suskind, Newport News, Va.

Application March 14, 1945, Serial No. 582,667
7 Claims. (Cl. 15—238)



1. A door mat comprising a multiplicity of cup shaped bottle cap members and means to secure said members in spaced substantially co-planar relationship; said means including wire members, said cup shaped bottle cap members having flanges that extend upwardly from a closed bottom portion, said wire members extending through apertures in said flanges, said apertures lying below the upper edges of said flanges and above each bottom portion.

2,449,797

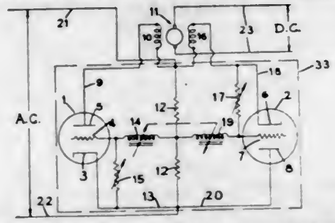
ELECTRONIC CONTROL CIRCUIT

George A. Waldie, Worthington, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware

Original application October 20, 1943, Serial No. 506,983. Divided and this application September 20, 1947, Serial No. 775,215
2 Claims. (Cl. 318—297)

1. In combination in an electrical control circuit for varying the rate and direction of rotation of a direct current motor having an armature, a direct current source for exciting said armature, and first and second field windings associated with said armature, the combination of a first and second triode each having a cathode, an anode, and a grid, an alternating current supply including first and second leads, means connecting said first lead to one end of each of said field windings,

means connecting said second lead to the cathode of said first triode and to the anode of said second triode, means connecting the other end of said first field winding to the anode of said first triode, means connecting the other end of said second field winding to the cathode of said second triode, a variable resistor connected between the cathode and grid of each of said triodes, a pair



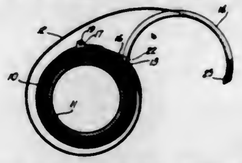
of fixed resistors connected in series across said first and second leads, a first variable reactor connected between an intermediate point between said fixed resistors and the grid of said first triode, and a second variable reactor connected between said intermediate point and the grid of said second triode, and mechanically operated means for simultaneously differentially adjusting said reactors.

2,449,798

HOSE CLAMP

Edwin L. Weber, Venice, Calif.

Application October 18, 1943, Serial No. 506,682
5 Claims. (Cl. 24—19)



1. A clamp of the character described which includes: an elongated flexible strap adapted to wrap around the article to be clamped; an arcuate saddle attached to the inner end of said strap and having a portion adapted to act as a fulcrum; and an arcuate clamping arm underlying and supporting said strap having its outer end attached to the outer end of said strap, and its inner end adapted to seat on the fulcrum of said saddle, whereby said clamping arm may be rotated inwardly about said fulcrum to draw and retain said strap over said fulcrum and said arm along the entire length of the latter and about said article being clamped.

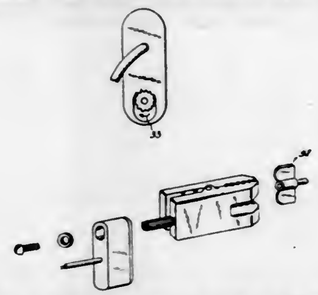
2,449,799

SWITCH ARRANGEMENT

Octavio Jose Alvarez and Ertogroul Osman, New York, N. Y., assignors of one-half to Alvarez Patent Corporation and one-half to Ertogroul Osman, both of New York, N. Y.

Application September 18, 1946, Serial No. 697,685
6 Claims. (Cl. 200—153)

3. A switch comprising switch means including two terminals and a switch member adapted to make contact between said terminals when said switch means are in contact making position and to break said contact when said switch means are in contact breaking position; actuating means including a clamp member adapted to be attached to operating means and a shaft member connected to said clamp member and adapted to turnably support said switch means; and gear means interposed between said shaft member and said switch means and constructed so as to be adapted to transmit motion impulses from said shaft member to said switch



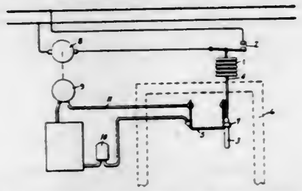
means only when said switch means are supported by said shaft member in said contact breaking position but not when said switch means are supported by said shaft member in said contact making position.

2,449,800

REFRIGERATION CONTROL APPARATUS

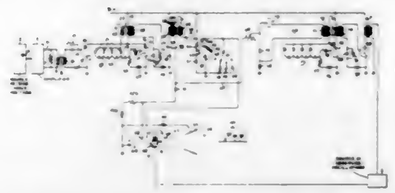
Edgar H. Ayers, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application December 8, 1944, Serial No. 567,268
3 Claims. (Cl. 62—4)



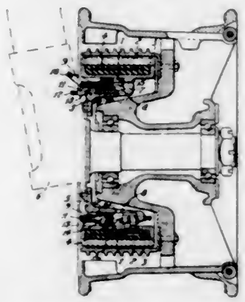
1. The combination with a refrigerator provided with a cooling compartment, an evaporator in said compartment and means including driving means for maintaining a predetermined low temperature in said evaporator, of temperature responsive means comprising a sealed container provided with a movable portion and elongated member, a gas in said container adapted to be gasified at the normal temperatures of the air in said cooling compartment between predetermined maximum and minimum values but condensed to a liquid at temperatures substantially as low as the temperature of said evaporator, control means for said driving means operated by said movable portion in response to changes in the pressure of said gas to start and stop said driving means, and means mounting said elongated member in an upright position in said cooling compartment with an upper portion of said elongated member of predetermined length in good thermal relation with said evaporator and a lower portion of said elongated member extending downward into said cooling compartment so that the wall of said upper portion is maintained by said evaporator at a low temperature at which said gas is condensed on said wall and runs down said wall to the lower portion of said tubular member where it is gasified by the higher temperature of the air in said cooling compartment thereby to provide a rapid transfer of heat from said air to said gas and control of said driving means in response to the temperature of said air.

2,449,801
OSCILLOGRAPH APPARATUS
Frank J. Bias, Scotia, and Harold W. Lord, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application November 17, 1944, Serial No. 563,920
2 Claims. (Cl. 315—24)



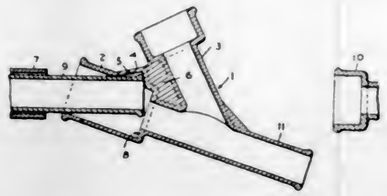
1. An apparatus for analyzing the characteristics of transient electric waves derived from a triggered wave source comprising, in combination, means for projecting an electron beam against a sensitive surface, means for deflecting said beam along a first axis in response to said waves to be analyzed, a source of recurrent potential pulses each of predetermined duration, beam deflecting means controlled by said pulses for sweeping said beam across said surface along a second transverse axis during each of said pulses, each sweep being initiated at the leading edge of a pulse, means for integrating said pulses to produce a voltage which increases in one direction throughout said interval, means responsive to increase in said voltage above a predetermined value to initiate a delayed trigger pulse, means for triggering said wave source in response to said delayed pulse, and means for adjusting the rate of increase of said voltage thereby to adjust the delay between initiation of said sweep and triggering of said source.

2,449,802
FLUID PRESSURE OPERATED BRAKE AND THE LIKE
Henry James Butler, Beechcroft, Sutton Coldfield, England, assignor to Dunlop Rubber Company Limited, London County, England, a company of Great Britain
Application May 31, 1946, Serial No. 673,380
In Great Britain June 5, 1945
6 Claims. (Cl. 188—152)



1. Brake apparatus which comprises a rotatable brake drum, a fixed support, brake shoes on said support, said brake shoes being secured against rotation and movable toward and from said brake drum, an expansible element between said support and said brake shoes, an annular fluid chamber on said support and communicating with said expansible element, said chamber having a narrow extension and a piston slidable in said chamber, said piston having a narrow extension extending into the extension of said chamber, the extension of said chamber having a fluid inlet.

2,449,803
CUTIN FITTING
William J. Collison, San Diego, Calif.
Application August 9, 1946, Serial No. 689,486
1 Claim. (Cl. 285—210)

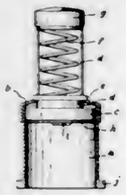


As a new article of manufacture, a cut-in fitting comprising a pipe having a hub at one end and a branch portion partly overhanging said hub, said hub provided within its side edges and on its top with an outwardly-extending transversely-positioned oblong bulge portion, said oblong bulge portion being provided with a pipe-receiving recess, and an integral longitudinally-extending web on the outside of said branch portion and integral with only the middle of the inner face of said oblong bulge portion, substantially as shown and described.

2,449,804
NITROALCOHOL ESTERS OF ACRYLIC ACID AND INTERPOLYMERS PRODUCED FROM THE SAME
Gaetano F. D'Alelio, Northampton, and James W. Underwood, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
No Drawing. Original application February 1, 1940, Serial No. 316,816. Divided and this application December 22, 1944, Serial No. 569,424
11 Claims. (Cl. 260—83)

1. An aliphatic nitroalcohol ester of acrylic acid.

2,449,805
AUTOMATIC CUPPING DEVICE
Cesar Develay and Gaston Marcel Galvier, Paris, France
Application February 1, 1947, Serial No. 725,800
In France February 25, 1946
1 Claim. (Cl. 128—300)

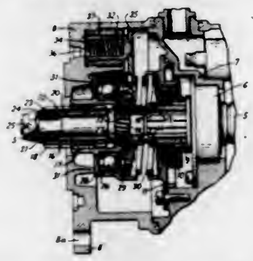


An automatic cupping device comprising a cylinder which is intended to be applied by its open under end upon the body of the patient and a piston movable in said cylinder and secured to a member formed as a pipe closed by a plug at its upper end and sliding through an opening of the cylinder top cover, said pipe containing a compression spring resting by its upper end upon the pipe plug and by its lower end upon a key supported by the cylinder cover and being able to glide into two opposite longitudinal slots of the pipe, the lowering of the latter compressing the spring and the pipe being maintained in that position by a yoke pivoting over the cylinder cover, and the piston being raised when the pipe is unlatched operating thus a cupping effect as the lower side of the piston.

2,449,806
COLD HOBBABLE STEEL
Maurice C. Fetzer, Wyomissing, and William H. Kemper, Temple, Pa., assignors to The Carpenter Steel Company, Reading, Pa., a corporation of New Jersey
No Drawing. Application June 12, 1945, Serial No. 599,120
3 Claims. (Cl. 75—126)

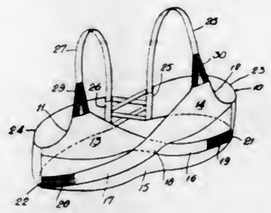
1. A cold hobbable steel containing carbon about 0.05 to 0.15 per cent, manganese about 0.10 to 1.00 per cent, silicon about 0.10 to 0.25 per cent, chromium about 4.00 to 10.00 per cent, vanadium up to 0.50 per cent, a metal selected from the group consisting of molybdenum and tungsten in the proportion of about 0.90 to 3.0 per cent molybdenum and about 1.5 to 3.0 per cent tungsten and the balance substantially iron, said steel having a Rockwell C hardness of about 25–43 when air cooled from 1700°–1900° F., a hot hardness of about 325–360 Brinell at 800° F., after air cooling from 1700°–1900° F., and when case hardened providing a case having a Rockwell C hardness of about 60–65 when air cooled from 1700°–1900° F.

2,449,807
COUPLING MEANS
Jakob R. Frei, Sidney, N. Y., assignor to Bendix Aviation Corporation, New York, N. Y., a corporation of Delaware
Application May 14, 1943, Serial No. 487,025
2 Claims. (Cl. 64—24)



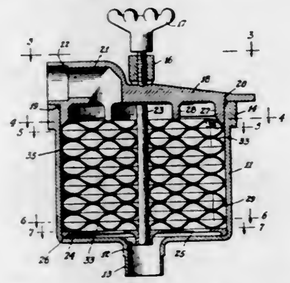
1. In apparatus of the class described, a pair of rotatable members having external splines thereon, the splines on at least one of said members being spiral, a coupling sleeve having two sets of internal splines operatively meshing with said external splines, an annular element surrounding said coupling sleeve, means, such as a roller or ball thrust bearing, for connecting said sleeve to said element for axial movement therewith and substantially frictionless rotary movement relative thereto, yieldable means for normally holding said element in a predetermined axial position, and fluid pressure operated means for moving said element axially against the efforts of said yieldable means, said fluid pressure operated means comprising a plurality of cylinders equally spaced around said element and a piston reciprocably mounted in each of said cylinders and operatively associated with said element.

2,449,808
BRASSIÈRE
Jack Glick, Bronx, N. Y., assignor to The Gluckin Corporation, New York, N. Y., a corporation of New York
Application April 3, 1946, Serial No. 659,334
3 Claims. (Cl. 2—42)



1. In brassières having front breast pocket portions, wide bands extending from the ends of the pocket portions to the sides and back of the garment, shoulder straps joining the bands with the upper central portions of the pockets, end portions of the bands having upper and lower corners, a pair of substantially V-shaped strap members attached to the upper and lower corners of said bands and converging outwardly with respect to said band ends, said strap members having contracted free ends, a plurality of fastener devices attached to the central portion of each of said bands at longitudinally spaced intervals, and companion fastening devices on the contracted ends of said strap members adapted for engagement with the fasteners of said bands in adjustably coupling the strap members therewith.

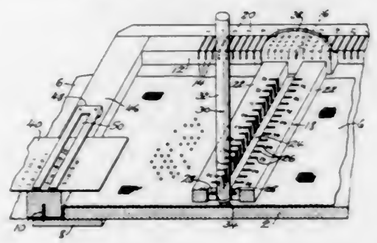
2,449,809
CORRUGATED DISK FILTER
Maurice A. Goldman, New Brunswick, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a corporation of New Jersey
Original application January 12, 1939, Serial No. 250,666. Divided and this application October 24, 1942, Serial No. 463,159
3 Claims. (Cl. 210—169)



3. Apparatus for removing solids from liquids comprising in combination a chamber having an

inlet, an outlet, and a plurality of spaced pervious screens arranged in series within said chamber and each fitted to the wall of the container and obstructing passage between the inlet and outlet, each of said screens being formed of material adapted to prevent the passage of solids through it and having passages permitting the flow of liquids only through it and each of the screens, except the last in the direction of flow of liquid being provided with one or more additional openings larger than said liquid passages permitting the passage of liquids and solids whereby liquid in passing through said chamber passes through a plurality of said screens and in so doing, passes through a plurality of said passages and a plurality of said openings simultaneously, the total area of said openings, in each screen having such openings, decreasing progressively from screen to screen in the direction of flow through said chamber.

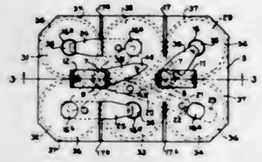
2,449,810
DEVICE FOR DECORATING MATERIALS
Frank S. Guenther, Trenton, N. J.
Application August 3, 1944, Serial No. 547,888
5 Claims. (Cl. 33—184.6)



3. A device for use in decorating material comprising a base having a surface thereon for supporting an article to be decorated, means extending longitudinally of said base adjacent opposite edges thereof and formed with notches therein, identifying means associated with each of said notched means, a guide member extending transversely of said base and having parts thereon engageable with the notches in said means to hold the guide member in any one of a plurality of predetermined positions, said guide member having notches in an edge thereof for receiving and guiding a marking member in forming a mark on the article to be decorated, identifying means associated with said notches, a pattern card bearing indicia corresponding with the indicating means associated with said notched means on the base and on the guide bar to indicate the locations in which the marking member is to be placed to form a predetermined design element on the material to be decorated, means for holding said pattern card, and means located on said holding means for viewing said pattern card.

2,449,811
MULTIVOLTAGE DRY BATTERY
Dwight L. Harford, Downey, Calif., assignor to A. Parley Johnson, Downey, Calif.
Application August 28, 1943, Serial No. 500,311
3 Claims. (Cl. 136—173)

1. In a dry cell battery, a receptacle, a plurality of upright and inverted dry cells alternately arranged within said receptacle, a plurality of conducting members on said receptacle for connecting said cells in series, a pair of terminals on said receptacle, a conducting member on said receptacle for connecting one of said terminals with the center electrode of the first cell in said series, a switch arm rotatably mounted on said receptacle for selectively connecting the casing of any one of the inverted cells with the other of said terminals and movable to an "off" position, and a second switch arm rotat-



ably mounted on said receptacle for selectively connecting the casing of certain of said upright cells with said other terminal and movable to an "off" position independently of said first-named switch arm, said switch arms being separately employed for placing in circuit any desired number greater than one of said plurality of cells.

2,449,812
WATER-SOLUBLE COATING COMPOSITION FOR PAPER
Laurence R. B. Hervey, Concord, and Alvin C. Whitaker, Boston, Mass., assignors to the United States of America as represented by the Secretary of War
No Drawing. Application August 27, 1945, Serial No. 613,012
1 Claim. (Cl. 260—29.6)

A coating composition for paper comprising:

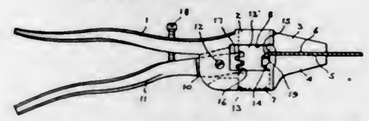
	Parts by weight
Polyvinyl acohol	75
Ethyl alcohol	300
Water	300
Titanium dioxide	90
Sorbitol lactate	64

2,449,813
SAFETY LOWERING DEVICE FOR USE AS A FIRE ESCAPE
Anna Lawson, Detroit, Mich.
Application March 12, 1947, Serial No. 734,129
1 Claim. (Cl. 244—24)



A device of the character described comprising a tank filled with light gas under pressure, a valve fitting on the top of the tank, two operating levers pivoted to the valve fitting to open and close the same, a bag connected by a tube with the valve fitting and adapted to be filled with the light gas as the same is delivered through the tube to the bag, lock means for connecting the valve levers together to maintain the valve closed, trip means for releasing the lock means and the levers whereby the levers may assume a position to open the valves, shroud lines connected between the valve levers and the bag whereby the valve levers will be pulled upwardly to their closed positions when the bag has been inflated and weight is transmitted to the bag, and a harness for attaching the tank to the body of the person who is to effect an escape.

2,449,814
SAW SET
Joseph W. Melanson, Toronto, Ontario, Canada
Application February 28, 1947, Serial No. 731,561
In Canada April 6, 1946
2 Claims. (Cl. 76—69)



2. A saw set comprising a handle having a pair of spaced parallel extensions, jaw portions extending parallelly from said extensions and spaced to receive the blade of a saw therebetween, guide openings extending through said spaced extensions and ranged in alignment transversely across the opening between said jaw portions, an anvil block slidably mounted in said guide openings having a notch intermediate its length adapted to receive the tooth of the saw inserted between the jaw portions and formed with a bevelled anvil surface to engage and bend the tooth, a handle pivoted to one of said extensions and operatively engaging said anvil block to slide same longitudinally in said guide openings, and means for gauging the movement of the pivotal handle.

2,449,815
RESOLUTION OF AZEOTROPIC MIXTURES OF CHLOROSILANES
Arthur E. Newkirk, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application May 23, 1946, Serial No. 671,913
3 Claims. (Cl. 260—448.2)

1. The method of resolving an azeotropic mixture of trimethylchlorosilane and tetrachlorosilane which comprises treating said mixture with zinc fluoride to convert the trimethylchlorosilane to trimethylfluorosilane, and separating trimethylfluorosilane from the treated mixture by distillation.

2,449,816
PLASTIC MATERIAL FROM ALLYL STARCH
Peter L. Nichols, Jr., and Robert M. Hamilton, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application January 20, 1944, Serial No. 518,977
11 Claims. (Cl. 260—17.4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

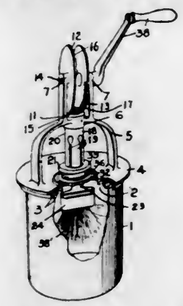
1. A plastic material comprising organic solvent-soluble allyl starch compounded and cured with sulfur.

2,449,817
DEVICE FOR SIGNALING OR RELEASING BY ELECTRIC POWER CAPACITORS
Robert Nordell, Sundbyberg, Sweden, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden, a company of Sweden
Application March 30, 1944, Serial No. 528,758
In Sweden March 9, 1943
2 Claims. (Cl. 175—294)



1. In an electric power transmission system for alternating current, an electric power capacitor for each phase, said capacitor including a number of partial capacitors all connected in series, and a reactance coil connected in parallel with said power capacitor and influenced by the same A. C. voltage, at least some connecting points between the partial capacitors being connected to terminals on the winding of the reactance coil, the potential of each of said terminals corresponding to the potential of the connecting point between two partial capacitors, to which the terminal is connected, signaling means in at least one connecting wire between the reactance coil and the power capacitor operated by current arising by a short-circuit in anyone of the said partial capacitors.

2,449,818
BRUSH CLEANING DEVICE
Arnold O. Olsen, Brooklyn, N. Y.
Application December 26, 1942, Serial No. 470,135
10 Claims. (Cl. 134—143)

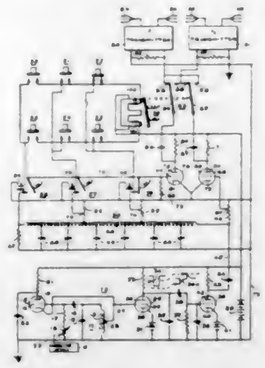


7. In a device for paint cans to clean brushes therein, a base having means depending therefrom to engage the tops of cans of various sizes, a chuck for engaging the handle of a brush which projects above the top of a can, revolving means mounted on said base for revolving said chuck and brush held therein, said chuck having its lower end below the top of said can and its upper end above the top of said can.

2,449,819
MULTIPLEX RADIO COMMUNICATION
Ellison S. Purington, Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application May 29, 1944, Serial No. 537,799
21 Claims. (Cl. 250—9)

1. The method of signalling which comprises propagating a pair of radiant energy pulses over

different communication channels at predetermined spaced time intervals, selecting the time period between said pulses and selecting the pulse sequence for signalling, receiving said pulses



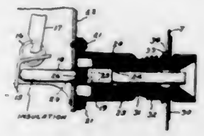
at a remote point, selecting the received pulses in accordance with their timing and sequence, and utilizing the selected received pulses for signal reception.

2,449,820

TRIPPING AND INTERLOCKING DEVICE FOR CIRCUIT BREAKERS

Joseph W. Seaman, Kennett Square, Pa., assignor to General Electric Company, a corporation of New York

Application March 7, 1946, Serial No. 652,602
10 Claims. (Cl. 200—50)



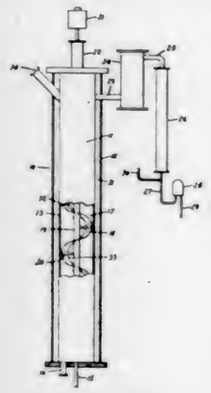
1. In a tripping and interlocking device for a circuit breaker provided with a tripping member and inaccessibly mounted behind a barrier movable from a shielding position to give access to the circuit breaker, means arranged to cause a tripping actuation of the tripping member before an access movement of the barrier can be effected comprising a support adapted to be mounted between the tripping member and the barrier and independently of the barrier, a guide positioned on said support for a limited movement relatively thereto in a predetermined direction to effect a tripping actuation of the circuit breaker tripping member, relatively strong means biasing said guide for movement in said predetermined direction, a tripping element mounted on said guide for a limited movement relatively thereto and movable therewith in said predetermined direction to actuate the tripping member of the circuit breaker, relatively weak means biasing said tripping element for movement away from its tripping position, and an operator adapted to be movably mounted on the barrier in a position to engage and move said guide in the opposite direction to the bias of said relatively strong biasing means when said operator is actuated in one direction while the barrier is in the shielding position whereby to effect movement of the tripping element from the tripping position under the action of said relatively weak biasing means and when said operator is actuated in the opposite direction to permit movement of the tripping element to the tripping position under the preponderating action of said relatively strong biasing means and to release the barrier for movement from the shielding position.

2,449,821

METHOD FOR PREPARING ORGANO-SILICON COMPOUNDS

Jesse E. Sellers, Scotia, and John L. Davis, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application December 8, 1945, Serial No. 633,818
1 Claim. (Cl. 260—448.2)



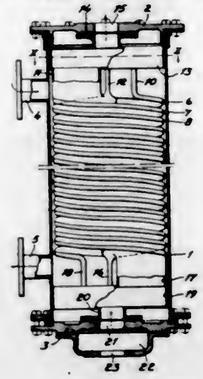
The method of preparing organo halogenosilanes which comprises separately introducing into a vertical reaction chamber (1) an alkyl chloride gas and (2) a finely divided mixture of silicon and a metallic catalyst for the reaction between silicon and an alkyl chloride gas, said alkyl chloride being introduced into said reaction chamber substantially continuously, maintaining the side walls of said chamber at a temperature within the range of about 200° to 500° C., spirally conveying the mixture upwardly through said reaction chamber along a path having an annular area, as viewed from the top of said reaction chamber of from about 60% to 55% of the cross-sectional area of said chamber, said material being moved in close proximity to the inner-side walls of the said chamber whereby the excess heat of the reaction is effectively dissipated to maintain the side wall temperature and the reaction temperature in equilibrium, contacting said upwardly moving mixture with the said alkyl chloride thereby to effect reaction between the said chloride and the silicon component of the mixture, allowing the mixture containing unreacted silicon when its upward travel has ceased to fall downwardly through the central portion of the reaction chamber in contact with the alkyl chloride, withdrawing from the reaction chamber the alkylchlorosilanes produced by the reaction between the said alkyl chloride and the silicon component of the mass, separating the alkylchlorosilanes and the unreacted alkyl chloride from the said mixture and returning the unreacted alkyl chloride to the said reaction chamber for further reaction.

2,449,822

HEAT EXCHANGING APPARATUS

Lauritz Benedictus Schibbye, Essvik, Sweden, assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden, a company of Sweden

Application January 28, 1944, Serial No. 520,090
In Sweden December 11, 1942
1 Claim. (Cl. 257—229)



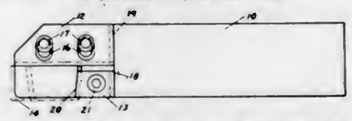
A heat exchanger comprising a substantially cylindrical shell, a plurality of conduits within said shell, each conduit being in the form of a substantially right helicoid and said helicoids being concentric and of equal size and pitch and the turns thereof being equally spaced from each other thereby forming a plurality of helicoidal passageways of substantially uniform cross-sectional shape through said cylindrical shell, the cross-section of each conduit as cut by a plane through the axis of the cylinder being substantially rectangular and the dimension of said cross-section perpendicular to the axis of the cylinder being substantially equal to the radius of the cylindrical shell and at least several times the dimension of the cross-section of the conduit parallel to the axis of the cylindrical shell, means for passing a fluid through said conduits and means for passing another fluid through said passageways.

2,449,823

TOOL BIT AND HOLDER THEREFOR

Henry M. Sheridan, Erie, Pa.

Application June 7, 1945, Serial No. 598,040
4 Claims. (Cl. 29—96)



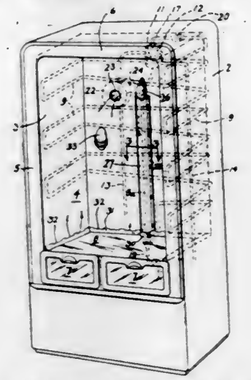
1. In a tool holder, a solid elongated substantially rectangular shank, a seat at one end of said shank having an inner end defined by a transverse shank wall, a bit shoulder formed on said seat and extending in a transverse crosswise direction thereof and spaced outwardly from said transverse shank wall, and a pair of independently mounted and independently secured first and second bit clamps positioned on said seat, said first clamps having a straight longitudinal face adapted to engage the side wall of a tool bit and an inner end face engaging said transverse shank wall, said second clamp having an outer end face disposed towards and facing the bit shoulder and an opposite inner end face engaging said transverse shank wall, said seat shoulder and clamps being constructed and arranged to secure a bit between the shoulder and said second clamp and against the longitudinal face of said first clamp.

2,449,824

CONTROLLED HUMIDITY REFRIGERATOR

Malcolm G. Shoemaker, Abington, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania

Application February 28, 1945, Serial No. 580,109
10 Claims. (Cl. 62—6)



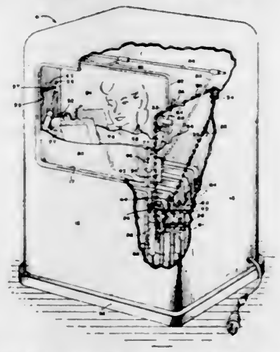
1. In a refrigerator, a storage compartment, evaporator means adapted to maintain wall portions of said compartment at a refrigerating temperature whereby to cool the compartment, evaporator means within said compartment affording a surface maintained at a temperature lower than the temperature at which said wall portions are maintained and upon which surface the deposition of moisture is substantially localized, means normally preventing contact of compartment air with said surface, and humidity-responsive means for effecting intermittent circulation of the compartment air in heat exchange relation with said surface.

2,449,825

THIRD DIMENSION ANIMATED DISPLAY DEVICE, INCLUDING MOVABLE FRAMES

Morris Strauss, Brooklyn, N. Y.

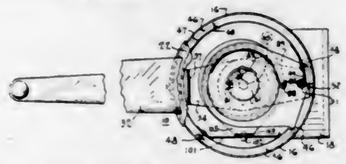
Application November 30, 1945, Serial No. 631,871
5 Claims. (Cl. 40—36)



1. A display device, comprising a housing or cabinet, having a rear and side walls and a front

wall formed with an observation opening, endless propelling chains mounted upon opposite side walls of said cabinet, channel members or tracks secured to opposite side walls of said cabinet, a plurality of frames carrying display cards and having pintles extending therefrom and adapted to engage in the said channeled tracks, hook members upon the chains to engage the pintles upon said frames, the said frames and display cards being sectional in formation and adapted to separate and move apart when in line with said observation opening to present a "three dimensional" aspect to the observer, means for bringing the separated parts of the display frames back to their normal position after the same have passed the said observation opening, and driving means for operating the parts.

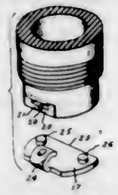
2,449,826
DOOR CHECK AND CLOSER
Rexford C. Van De Boe, Drexel Hill, Pa.
Application April 12, 1946, Serial No. 661,683
7 Claims. (Cl. 16—49)



1. In a door check and closer, a casing including a circular side wall whose inner surface is adapted to function as a brake drum, a shaft extending axially of said drum, means securing said shaft against rotation relative to said drum, a brake band within said casing and adapted to frictionally engage said drum, means normally urging said brake band into frictional engagement with said drum, means for rotating said brake band relative to said drum in one direction upon opening of a door with which said check and closer is associated, and a coil spring having one end secured to the shaft and the other end operatively associated with said last-mentioned means, whereby said spring is tensioned upon opening of the door and whereby said tensioned spring operates through said last-mentioned means to close the door and to rotate the brake band relative to the drum in the opposite direction, said last-mentioned means including means for reducing the normal frictional engagement of the brake band with the drum during opening of the door and for increasing said normal frictional engagement during closing of the door.

2,449,827
RENEWABLE FUSE
Fred G. von Hoorn, Nichols, Conn., assignor to General Electric Company, a corporation of New York
Application August 27, 1947, Serial No. 770,823
1 Claim. (Cl. 200—131)

In a refillable fuse member having an insulating casing, a metallic open ended bushing at one end of the casing, a cover plate partly closing the open end of the bushing and adapted to have one end of a fuse link bent to lie along the outer surface of said plate and an end cap detachably secured to said bushing and adapted when tight to clamp the fuse link against said plate; the combination therewith of a hinge for said cover plate comprising a tang extending from one edge of said plate, said tang being bent toward the inner surface of the plate into an eye adapted to engage a hinge pin, the end of said bushing having a T-slot in its periphery with the stem of the T extending to the end of the bushing forming opposed

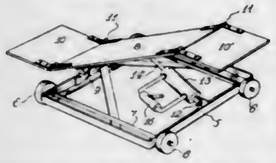


tongues, said tongues being bent inwards and flattened and being thereby adapted together to form a hinge pin at the end of the bushing for receiving said eye.

2,449,828
POLYLACTYLIC ACID RESINS AND PROCESS FOR MAKING THEM
Paul D. Watson, Arlington, Va., assignor to the United States of America as represented by the Secretary of Agriculture
No Drawing. Original application May 27, 1944, Serial No. 537,663. Divided and this application June 8, 1945, Serial No. 598,359
6 Claims. (Cl. 260—18)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

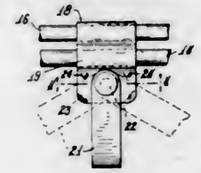
1. A process for preparing a resinous material comprising heating at polymerizing temperatures a mixture of between 35 and 70% polylactylic acids, between 20 and 50% fatty, drying oils, and between 10 and 15% of oil-soluble petropols, said percentages being based on the total weight of the ingredients, said heating being effected under conditions permitting the removal of volatile products of reaction until a viscous, elastic, resinous product is formed.

2,449,829
PORTABLE LOADING RAMP
Carl G. Agren, Roberts, Idaho
Application March 17, 1945, Serial No. 583,271
1 Claim. (Cl. 14—72)



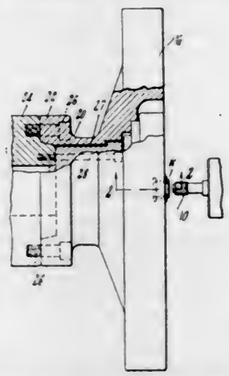
An adjustable portable loading ramp comprising a horizontal rectangular frame, axles extending transversely of said frame adjacent opposite ends thereof, the ends of said axles projecting through and outwardly of the sides of said frame, supporting wheels journaled on the projecting ends of said axle, a flat platform plate hinged near one side edge upon one side of said frame for vertical swinging movement about an axis parallel with and above said one side of the frame, a jack pivoted to the other side of said frame and pivotally connected to the underside of said platform plate for adjusting the latter from a horizontal position to different lateral inclinations relative to the frame, said platform plate being of such a width and so arranged as to project beyond opposite sides of said frame when in the horizontal position, the hinged side of said platform extending beyond and between the wheels at the adjacent side of the frame when said platform plate is disposed at an inclination, and a flat approach plate hinged to each side edge of the platform plate to fold onto or assume different angular positions relative to the latter.

2,449,830
ROD CLIP
Robert M. Albert, Chicago, Ill.
Application March 1, 1946, Serial No. 651,067
3 Claims. (Cl. 24—81)



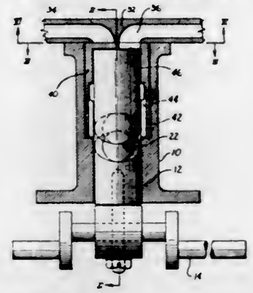
3. A clamp for binding two rods laid side by side against relative sliding movement comprising a strip of shape-retaining material formed substantially U-shape with its leg portions embracing said rods, cam surfaces on the ends of said leg portions, a bifurcated lever pivotally connected to both leg portions, said lever being selectively movable into engagement with said cam surfaces to compress the clamp portions tightly about the rods, and stops on said leg portions to limit pivotal movement of said lever.

2,449,831
CHUCK
Merton H. Arms and Leon J. Barnard, Springfield, Vt., assignors to Bryant Chucking Grinder Company, Springfield, Vt., a corporation of Vermont
Application April 17, 1945, Serial No. 588,784
5 Claims. (Cl. 51—237)



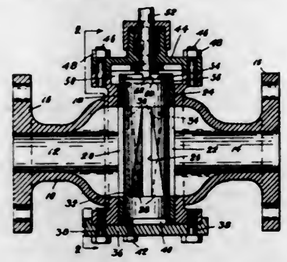
1. Apparatus of the class described comprising a rotary work spindle shaft, chuck mechanism including means for accurately centering the work, and a heavy disk having a relatively thin neck portion securing said disk coaxially to said shaft and supporting said chuck, said disk providing large rotational inertia to said mechanism and said neck portion providing a connection capable of flexing when said mechanism is rotated above critical speed.

2,449,832
PUMP
Howard S. Bancroft, Sharon, Pa.
Application March 7, 1946, Serial No. 652,634
6 Claims. (Cl. 103—157)



1. Apparatus of the type described including a cylinder, a piston slidably received in the cylinder, a crankshaft having an extra wide connecting rod bearing, a block slidably and rotatably carried on the bearing, a pin rigidly secured to the piston and rotatably secured to the block, cam and cam way means between the piston and cylinder for rotating the piston when the piston is reciprocated by the crank shaft, a head on the cylinder having intake and exhaust ports therein, a cup supported between the head and cylinder for rotary but non-axial movement, the inside of the cup forming a continuation of the bore of the cylinder and slidably receiving the head end of the piston, a spline and key connection between the piston and cup whereby rotation of the piston effects rotation of the cup, said cup having a port in its end and alternately registering with the intake and exhaust ports in timed relation with the reciprocation of the piston.

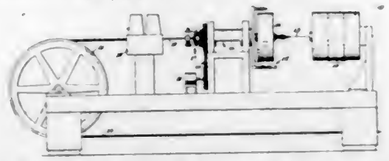
2,449,833
VALVE
Julius L. Barnes, Allston, Mass.
Application September 11, 1945, Serial No. 615,523
6 Claims. (Cl. 251—92)



4. In a fluid flow-control mechanism, a cylindrical sleeve having a relatively long and narrow rectangular slot opening through each of opposite wall portions of the sleeve, the length dimension of said slots being disposed along the sleeve at an angle to the axis of the sleeve, and the two slots being in registering alignment, a rotatable element nicely fitting the interior of the sleeve and having a slot therethrough generally of the shape and size of the slots in said sleeve and having its length dimension disposed along the axis of the element, said slot in said element having a flared generally V-shaped mouth at one side of the element and a flared

generally inverted V-shaped mouth at the other side of the element, and the angular disposition of said sleeve slots corresponding approximately with the angle of a side of a said V-shaped and inverted V-shaped mouth at opposite sides of the rotatable element.

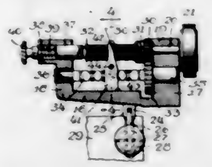
2,449,834
WIRE COVERING MACHINE, METHOD, AND PRODUCT
Charles W. Bechle and John W. Olson, Sycamore, Ill., assignors to Anaconda Wire and Cable Company, a corporation of Delaware
Application May 9, 1946, Serial No. 668,594
16 Claims. (Cl. 57—18)



1. A forming head adapted to form a tube of paper provided concentrically about and spaced radially from a wire into a plurality of loops disposed radially about the axis of the wire comprising a base member having a central opening adapted to permit passage of the tube and wire therethrough, and a plurality of pressure elements mounted on the base member at spaced intervals circumferentially about the tube so arranged as to press against peripherally spaced portions of the tube and transform the periphery of the tube into the shape of a plurality of loops

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2,449,835
SEWING MACHINE BOBBIN WINDER
Clarence S. Best, Belvidere, Ill., assignor to National Sewing Machine Company, Belvidere, Ill., a corporation of Illinois
Application June 18, 1945, Serial No. 600,128
3 Claims. (Cl. 242—20)



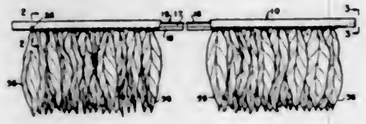
1. In a sewing machine provided with an upright standard and a rotatable fly wheel, a bobbin winder comprising a rigid bracket having a rearwardly extending arm pivotally connected to said standard in juxtaposition to said fly wheel, a link pivotally connected at one end to said bracket, a manually actuated member mounted for limited movement in a fixed part of the standard, said manually actuated member being pivotally connected to the opposite end of the link, spool holding means rotatably mounted in the bracket, a shaft mounted in the bracket in axial alignment with the spool holding means and connected thereto for rotating said means, a pulley on said shaft, manipulation of said manually actuated member serving to move said pulley into and out of engagement with said fly wheel, a distributor shaft mounted in the bracket parallel with the spool holding means, a thread distributor arm mounted on the distributor shaft, co-

operating means on the arm and shaft for causing the arm to move longitudinally of the shaft when the shaft is rotated, and means on the distributor shaft operatively connected with the shaft which rotates the spool holding means for rotating the distributor shaft in timed relation to the rotation of the spool holding means.

2,449,836
PHOTOGRAPHIC SILVER HALIDE EMULSIONS
Ralph Kingsley Blake, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 4, 1945, Serial No. 592,057
8 Claims. (Cl. 95—7)

1. A colloid silver bromide emulsion containing from 0.0015 to 0.03 gram of N-alkylaminomonohydroxybenzene having from 1 to 2 carbon atoms in the alkyl radical per 100 grams of silver halide.

2,449,837
TOBACCO STICK
Daniel M. Boone, Lumberton, and Stephen C. Boone, Charlotte, N. C.
Application March 19, 1947, Serial No. 735,722
7 Claims. (Cl. 294—5.5)

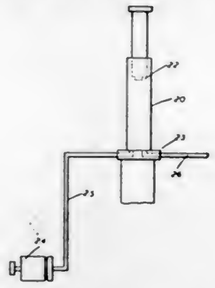


1. A stick for supporting tobacco leaves in a tobacco barn for a curing operation comprising a tubular member having a slot along its lower edge and being open at both ends, an inner member disposed within the tubular member and being pivotally supported at one end by the tubular member, the other end of the inner member being pointed to assist in directing the stems of tobacco leaves into the space between the interior of the tubular member and the exterior surface of the inner member, the portions of the tubular member adjacent the free end of the inner member being turned upwardly away from the free end of the inner member to provide space for receiving the stems of tobacco leaves inserted between the inner member and the interior surface of the tubular member.

2,449,838
VALVE SUITABLE FOR USE WITH CATHODE-RAY TUBES AND FOR OTHER PURPOSES
George Noel Brett and Ernest Alfred Smith, Gravesend, England, assignors to W. T. Henley's Telegraph Works Company Limited, London, England, a British company
Application December 19, 1946, Serial No. 717,238
In Great Britain February 21, 1946
2 Claims. (Cl. 250—27.5)

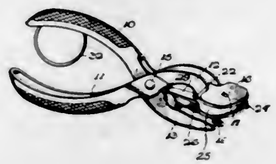
1. A cold cathode electronic discharge device comprising a discharge chamber, a valve for controlling the rate of leakage of air direct from the atmosphere into said discharge chamber, an inlet for said valve open to the atmosphere and an outlet for said valve connected to said discharge chamber, said valve comprising a rigid plate member, having a central aperture and a long narrow groove in one face going in a spiral path from the aperture outwards, in combination with a disc of

rubber having a plain face and means for pressing adjustably the plain face of the disc against the



grooved face of the plate member to control the flow of air through the groove.

2,449,839
BALSA PUNCH
David F. Brittle, Weaverville, N. C.
Application August 13, 1946, Serial No. 690,090
3 Claims. (Cl. 164—121)



1. A punch tool comprising a pair of cross-pivoted handles, a jaw carried by the forward extremity of one handle, a punch pin secured to the jaw, a second jaw carried by the forward extremity of the other handle, the second jaw being in the form of a flat plate having a width materially greater than the width of the handles and of the first jaw, an intermediate jaw of substantially the same width as the second jaw, said intermediate jaw having a relatively long tail piece extended rearwardly and pivotally connected with the handles to turn on the pivotal center for the handles, the second and intermediate jaws having aligned openings to receive the punch pin, a rivet secured at one end to the first jaw at a point rearwardly from the punch pin, the second and intermediate jaws having aligned openings through which the rivet loosely extends, means upon the other end of the rivet for limiting the separatory movement of the first and second jaws, and a spring encircling the rivet and interposed between the first jaw and the intermediate jaw.

2,449,840
APPARATUS FOR MANUFACTURING FINNED TUBES
John W. Brown, Jr., Lakewood, Ohio, assignor to Brown Fintube Company, Elyria, Ohio, a corporation of Ohio
Original application April 2, 1941, Serial No. 386,503. Divided and this application July 13, 1944, Serial No. 544,713
2 Claims. (Cl. 219—4)

1. An apparatus for making finned tubes comprising in combination, means for guiding a tube and a pair of oppositely disposed channel members in engagement with the exterior of the tube through the apparatus, said guiding means including rolls engaging said tube throughout a substantial portion of the circumference thereof and



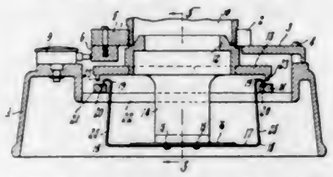
rolls engaging within said channel members, means for advancing said tube and channels through the apparatus, and means for electrically welding said channel to said tube.

2,449,841
APPARATUS FOR WASHING OVER, RELEASING, AND WITHDRAWING TUBULAR STRUCTURES FROM WELLS
Robbins M. Claypool, Bellaire, and David M. Best, Houston, Tex.
Application March 6, 1947, Serial No. 732,860
18 Claims. (Cl. 166—1)



1. A string of tubing for use in wells comprising a wash pipe having a substantially flush inner surface, a line of tubing having a substantially flush outer surface, the inner diameter of said wash pipe being greater than the outer diameter of said line of tubing, said wash pipe being longer axially than said line of tubing, a screw-through joint connecting said wash pipe to said line of tubing, said screw-through joint comprising an outer, internally threaded tubular member connected to said wash pipe and an inner, externally threaded member connected to said line of tubing and in threaded engagement with said outer member, cutting teeth on the lower end of said outer member, a plastic packing seal releasably joining said outer and inner members, the outer diameter of said inner member and the inner diameter of said outer member being greater than the outer diameter of said line of tubing and less than the inner diameter of said wash pipe, and a tubular release joint connected to the lower end of said line of tubing, said release joint having an external thread adapted to receive the internal thread of said outer tubular member and a radially outwardly extending shoulder below said external thread, said release joint also having a lower threaded end, the direction of the thread of said lower threaded end being opposite to the other said threads.

2,449,842
WORK GAUGE
Elton S. Cornell, Charlestown, N. H., assignor to Bryant Chucking Grinder Company, Springfield, Vt., a corporation of Vermont
Application October 6, 1943, Serial No. 505,170
4 Claims. (Cl. 33—178)

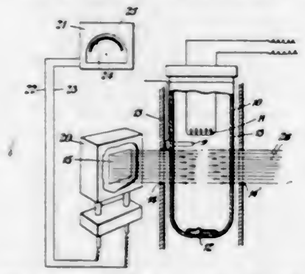


2. A gage comprising a bed, a plurality of gaging anvils carried by said bed and relatively movable to gage and release a work piece, at least one of said anvils being stationary with respect to said bed, a support for an article to be gaged, and means on said bed carrying said support with capability of swinging motion to carry an article thereon to and from gaging relation to said fixed anvil, said support being yieldable transverse to its direction of motion toward and from gaging relation to said fixed anvil.

2,449,843
NITRATION PRODUCT OF A HYDROXY AMIDE
William Frederick Filbert, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 20, 1948, Serial No. 9,959
1 Claim. (Cl. 260—467)

As a new chemical compound, N-nitro-N-methyl hydroxyacetamide nitrate.

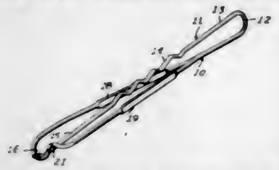
2,449,844
QUARTZ OSCILLATOR PLATE
Clifford Frondel, Flushing, N. Y., assignor to Reeves-Ely Laboratories, Inc., New York, N. Y., a corporation of New York
Application December 15, 1944, Serial No. 568,330
18 Claims. (Cl. 171—327)



18. The method of increasing the frequency of oscillation of a piezoelectric oscillator comprising treating such oscillator with ultra-violet light rays in the range from 1850 angstroms to 4000 angstroms.

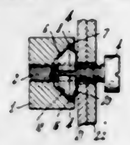
2,449,845
HAIR CLIP
Franklin C. Ghisletta, Patterson, Calif.
Application February 24, 1947, Serial No. 730,590
2 Claims. (Cl. 132—50)

1. A hair clip adapted for holding tresses of hair in order after dressing, comprising a long shank and a long base made of spring wire forming a unit with a connecting head holding said shank and base apart, the shank at its free end terminating in an upturned nose, said base being



divided at approximately midway of its ends into a long two armed loop, and means at the outer end of the two armed loop forming a keeper for engagement by said nose to secure said shank in closed position.

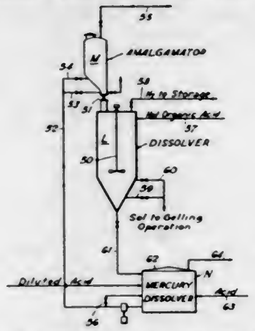
2,449,846
LOCK BOLT OR NUT
David M. Gilman, Chelsea, Mass.
Application June 15, 1946, Serial No. 677,047
8 Claims. (Cl. 151—19)



1. In combination, a threaded member adapted to cooperate with a mating threaded member for fastening purposes, one of said members having a recess in one face having oppositely tapered wall portions concentric with the axis of the threads and merging in a maximum diameter portion, and a split spring washer seated in said recess and having tapered faces reversely positioned with respect to the tapered faces of said recess, the maximum diameter portion of said washer when in unstressed condition and with its split ends spaced apart being greater than the face opening of said recess, whereby said washer must be pressed toward split end closed condition to be inserted into said recess and after being so inserted and freed from pressure is retained therein, said washer projecting outwardly beyond said member to be engaged by work secured by said member and said cooperating threaded member and forced inwardly and with its split ends forced toward each other as said members are tightened against the work.

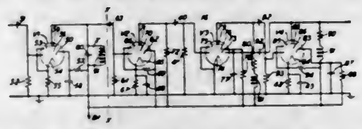
2,449,847
MANUFACTURING ALUMINA GEL FROM AMALGAMATED ALUMINUM
Llewellyn Heard, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application February 21, 1945, Serial No. 579,123
6 Claims. (Cl. 252—317)

1. In the process of making an alumina sol from amalgamated metallic aluminum in a form in which the ratio of surface to volume is about the same as in sheet aluminum, by the action of a dilute weak acid capable of forming a sol with said amalgamated aluminum, the improvement comprising charging said aluminum to a reaction zone and amalgamating it therein by flooding with a solution of a mercury salt, withdrawing said mercury salt solution, flooding the resulting amalgamated aluminum with dilute weak acid, retaining said acid in contact with said aluminum until substantially no further solution of metal takes place and a substantially saturated alumina sol is produced, said metal being only partially dissolved in the operation, withdrawing said alumina sol from the amalgamated aluminum metal, again flooding said mass of



amalgamated aluminum metal with an additional quantity of weak acid and producing a further quantity of substantially saturated alumina sol without reamalgamation of said aluminum metal, said aluminum metal being maintained in an oxygen-free atmosphere thruout the operation of repeatedly withdrawing alumina sol and flooding with weak acid.

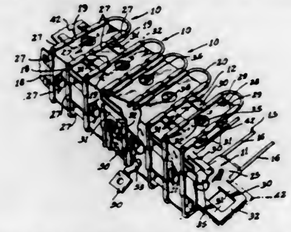
2,449,848
PULSE-ACTUATED CIRCUIT
John R. Hefele, Yonkers, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 12, 1943, Serial No. 498,322
15 Claims. (Cl. 315—22)



3. In combination, means for generating a series of pulses, the frequency of repetition of which varies from time to time, the duration of each pulse in the series being only a small fraction of the time interval between successive pulses in the series, means responsive to each pulse in the series for generating a series of oscillations which diminish in aplitude at such a rate that the oscillations die out before the time of occurrence of the next pulse in the series at a fixed frequency which is much higher than the repetition rate of the pulses in said series, and means responsive to said oscillations for producing a series of equally-spaced sharp pulses, one pulse for each oscillation cycle, each of said sharp pulses having a much shorter duration than a half of each of said oscillations.

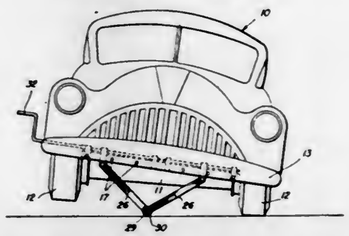
2,449,849
LOCKING MEANS FOR FLEXIBLE CHUTES
Robert E. Holmes, Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex., a corporation of Delaware
Application June 12, 1945, Serial No. 599,111
13 Claims. (Cl. 193—25)

2. In a flexible feed chute, the combination of: a plurality of transverse units disposed side by side to outline a member-guiding passage; an interlinkage means for interconnecting said transverse units for limited movement in a direction toward and away from each other, and at a plurality of positions around the periphery of said passage, said interlinkage means including a hook means on each transverse unit and a link means on each transverse unit engageable with and movable relative to said hook means of an



adjacent transverse unit, there being an opening in each transverse unit adjacent and giving access to said hook means thereof; and means detachably connected to one of two adjacent transverse units for restricting relative movement between these adjacent transverse units in at least one peripheral position, said means including means extensible through said opening into the path of movement of said link means relative to said hook means to impede such movement.

2,449,850
AUTOMOBILE JACK
Alwin P. Huhle, Elmont, N. Y.
Application February 9, 1946, Serial No. 646,613
3 Claims. (Cl. 254—86)

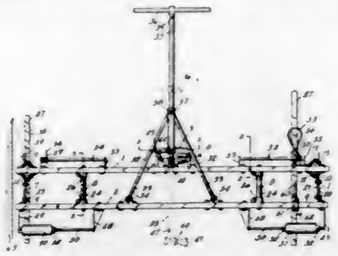


1. A jack comprising a beam, separate axially aligned screws supported on the beam for independent rotation, a nut operatively connected to each screw and mounted to move longitudinally of the beam as its respective screw is turned, means selectively to rotate the screws, a lever arm pivoted to each nut and a pivot joining the lever arms whereby when one or the other of the nuts is advanced along the beam the lever arms will be moved away from the beam.

2,449,851
CONCRETE PLACEMENT MACHINE
Corwill Jackson, Ludington, Mich., assignor to Jackson Vibrators, Inc., Ludington, Mich., a corporation of Michigan
Application February 1, 1946, Serial No. 644,921
15 Claims. (Cl. 94—45)

8. In a concrete placement machine, the combination of a vibratory member adapted to support forwardly thereof a substantial mass of concrete as it is advanced against the same, a screed member disposed rearwardly of said vibratory member, vibration absorbing connections be-

tween said vibratory and screed members whereby they are connected for manipulation as a unit, means for vibrating said vibratory member, a handle projecting forwardly of said vibratory member, and rollers mounted at the rear of said screed member on which the machine may be



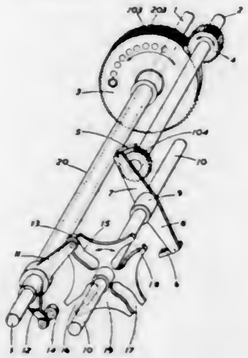
tilted to lift the vibratory and screed members from operative relation to work and for translation of the machine on the rollers when the handle is lifted, the rollers being normally elevated when the vibratory and screed members are in operative relation to work.

2,449,852

GEAR DRIVE FOR PRINTING AND OTHER MACHINES

Kenneth Warner Jones, Enfield, England, assignor to K. Warner-Jones and Company Limited, London, England

Application August 3, 1944, Serial No. 547,887
In Great Britain August 16, 1943
3 Claims. (Cl. 74—435)



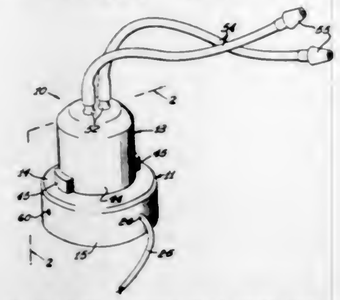
1. In gearing for driving intermittently a part of a machine, the combination with a driven gear intermittently rotated by a mutilated driving gear continuously rotated by the power input of the machine, of a pinion fast with said driven gear, a gear element meshing with said pinion before the disengagement of the mutilated gear from the driven gear and disengaging from said pinion before the driven gear is re-engaged with said mutilated gear, and interruptible driving mechanism between the power input of the machine and said gear element to drive the latter intermittently and at varying speed to decelerate such pinion and thus the driven gear after the mutilated driving gear has disengaged from the latter and thereafter to stop said pinion and driven gear, hold them stationary, re-start them, and accelerate their peripheral speed into synchronism with that of the mutilated driving gear and bring the teeth of the driven gear into meshing relation with those of the driving gear before it is re-engaged by the said latter gear.

2,449,853

INHALER

George Karp, Los Angeles, Calif.

Application August 5, 1947, Serial No. 766,379
4 Claims. (Cl. 128—198)



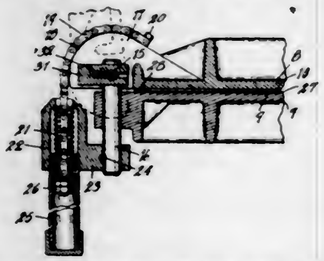
1. An inhaler comprising a base having an annular flange projecting upwardly from the top surface thereof, a lamp socket mounted on said base within said flange, a heating lamp disposed within said socket, a reservoir member attached to said flange and enclosing said lamp, said reservoir member having an annular cavity formed in the top end thereof to receive medicinal material, said cavity encircling the top end of said lamp in close proximity thereto, a cover enclosing said reservoir member, and conduit means communicating with the interior of said cover for conveying the vapor from said material to the nostrils of the patient, said base and said reservoir member having passages formed therein to permit air to be drawn into said reservoir member and thence into the space enclosed by said cover.

2,449,854

CASTING MACHINE

Edward C. Krueger, Otsego, Mich., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich., a corporation of Michigan

Application April 12, 1946, Serial No. 661,677
5 Claims. (Cl. 22—2)



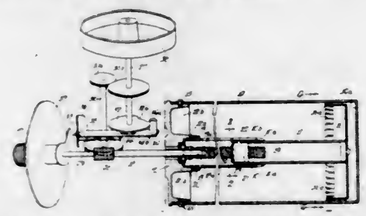
1. In a casting machine, the combination of a frame provided with opposed horizontal ways, a flat faced bed mold member provided with way engaging journals by which it is slidably and swingably supported, arms on said mold bed member projecting downwardly from its said journals, links connecting said arms to said frame so that the mold bed member is swung from horizontal upright position and vice versa as it is reciprocated on said ways, a top mold member, supporting posts for said top mold member freely and slidably mounted on said bed mold member at the rear thereof, a pivot rod on the upper ends of said posts, said top mold member being provided with pivot members engaging said rod and constituting counterbalance levers and having curved surfaces, brackets provided with spring housings mounted on the lower ends of said posts, counterbalancing springs for said top mold member arranged in said housings, and cables connected at one end to said counterbalance levers to wrap upon their said curved surfaces, the other ends of said cables being engaged with said counterbalancing springs.

2,449,855

LONGITUDINAL ACTUATING APPARATUS

Richard C. Marholz, Chicago, Ill., assignor to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois

Application April 28, 1945, Serial No. 590,891
8 Claims. (Cl. 74—441)



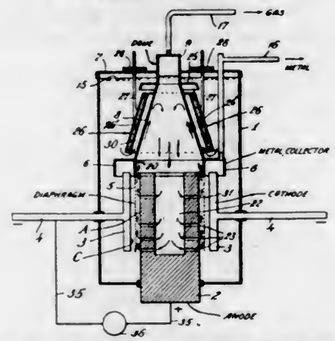
1. Apparatus for longitudinally actuating a driven member comprising, a rotatable actuating means, a lead-screw driven by said actuating means, a longitudinal guide adjacent said lead-screw having parallel opposed faces, a driven member having a follower engaging said lead-screw and a mechanism including a pair of relatively movable arms engaging said guide, and means for biasing said arms into engagement with the opposed faces of said guide substantially to eliminate back-lash between said actuating means and said driven member.

2,449,856

APPARATUS FOR REGULATING THE TRANSFER OF HEAT IN FUSED BATH ELECTROLYTIC CELLS

Robert J. McNitt, Perth Amboy, N. J.

Application July 11, 1941, Serial No. 401,891
4 Claims. (Cl. 204—247)



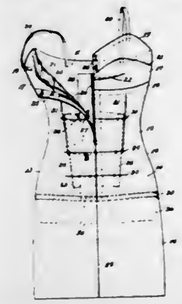
1. A cell for the electrolysis of fused salt baths which comprises a cathode surrounding an anode, a diaphragm between the active surfaces of the cathode and the anode, a dome to receive collected gas, a partition above the diaphragm extending to the dome, an upper anode compartment above the active anode surface, within the partition and beneath the dome, a portion of the bath in the cell being outside the partition, said anode having a central opening therein connected with the upper anode compartment and having a plurality of openings connecting the central opening with the space between the diaphragm and the anode, a duct in heat-exchange contact with the bath in the upper anode compartment, and means for circulating a fluid in the duct to exchange heat with the bath in the anode compartment, whereby the temperature of the bath in the upper anode compartment may be controlled by adding or removing heat therefrom and the temperature of the bath returning to the central opening of the anode is controlled to maintain the active anode surface at normal activity.

2,449,857

COMBINATION UNDERGARMENT

Ermaline G. Neuhoff and Belle Fay Davenport, Los Angeles, Calif.

Application August 28, 1945, Serial No. 613,114
2 Claims. (Cl. 2—29)



1. In a combination garment, a girdle portion and a skirt portion substantially inelastic in girth, said skirt portion being a continuation of the girdle portion in combination with an underband adapted to encircle the fleshy portions of the thighs and hips, stitching connecting the upper edge of said underband to the skirt portion at substantially the area of greatest girth of said fleshy portions, said band comprising a major portion of substantially inelastic material and a shorter elastic insert at substantially the front of said underband, an inelastic seam connecting the upper edge of said band to the garment, and the girth of the lower edge of the band being smaller than said upper edge to engage said fleshy portions below the area of greatest girth.

2,449,858

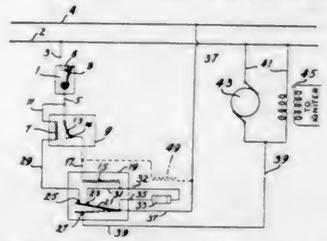
BURNER SAFETY CONTROL SYSTEM

Jerome Ottmar, Attleboro, Mass., assignor to Metals & Controls Corporation, Attleboro, Mass., a corporation of Massachusetts

Application April 21, 1945, Serial No. 589,567
2 Claims. (Cl. 158—28)

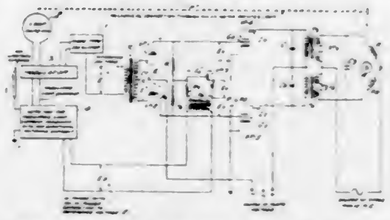
1. A burner control system comprising electrically actuated means for controlling the operation of a burner, an electrical igniter for the burner, said means and said igniter being connected in a power circuit under control of a ther-

mostatic time-delay relay, said relay comprising a heater and contactor means movable in response to energization of the heater from a normal first position wherein said contactor means opens said power circuit to a second position wherein it closes said power circuit, a control circuit including said heater, a main control switch, and a safety switch in series, said contactor means including first contacts in said control circuit and closed by said contactor means when in its first position, a normally non-conductive flame-sensitive current controller adapted to become conductive in response to ignition of the burner, a circuit shunting said first contacts and including said controller, said controller being adapted when



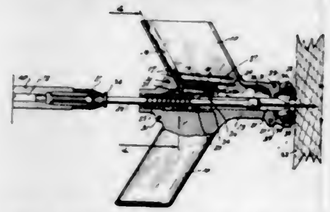
conductive to complete said control circuit through said main control switch, safety switch and heater independently of said contactor means, whereby said heater remains energized to hold said contactor means in its power-circuit-closing second position during operation of the burner, and a circuit including a heater for said safety switch and second contacts which are closed when the contactor means is in its first position, otherwise being open, said safety switch being adapted to open and break said control circuit when its heater is energized a predetermined number of times upon a predetermined number of operations of the relay without ignition of the burner.

2,449,859
AUTOMATIC RADIO COMPASS
Hilliard F. Penfold, Flushing, and Joseph P. Della Corte, Forest Hills, N. Y., assignors to Fairchild Camera and Instrument Corporation, a corporation of Delaware
Application January 27, 1944, Serial No. 519,880
6 Claims. (Cl. 343—117)



1. An automatic loop director for a radio compass, comprising: an alternating current power source; a reversible motor for turning the loop in either direction to place it on course; a motor circuit connecting the motor to the power source, the motor circuit being normally balanced for keeping the motor operatively deenergized; a source of phase-reference voltage separate from said alternating current power source; an intermediate circuit connecting the phase-reference source to the motor circuit, said intermediate circuit being normally balanced for maintaining the balance of the motor circuit; means for deriving a control voltage in phase with the reference voltage when the loop is off course in one direction and in phase opposition to the reference voltage when the loop is off course in the other direction; and means for applying the control voltage to the intermediate circuit for upsetting the balance of the motor circuit in one direction when the control voltage is in phase with the reference voltage and for upsetting the balance of the motor circuit in the other direction when the control voltage is in phase opposition to the reference voltage, whereby the motor is energized for rotation in either direction as required to place the loop on course.

2,449,860
NAIL DRIVING ATTACHMENT FOR PNEUMATIC HAMMERS
Claude D. Raybourn, Denver, Colo.
Application March 20, 1945, Serial No. 583,821
4 Claims. (Cl. 1—46.1)



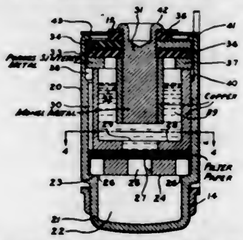
1. A nail driving attachment for power hammers comprising: a frame member; a horizontal bore in said frame member; a driving rod extending axially of said bore and projecting from the rear of said frame member; a driving head on said rod within said frame member; means for attaching the rearward extremity of said rod to a typical power hammer; a nail feeding chamber above said bore, having a width slightly in excess of a single nail for holding a vertical pile of nails above said bore; head channels in each side of said chamber for receiving the heads of said nails; horizontal head channels in the sides of said chamber at the lower extremity of said head channels for allowing the heads of the nails to move forwardly in said chamber; and a vertical feed channel at the forward extremities of said head channels, allowing the heads of said nails to drop into said bore forwardly of said driving head.

2,449,861
SHOE TREE
William M. Renner, Chicago, Ill., assignor to Mackie-Lovejoy Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application December 26, 1945, Serial No. 637,232
1 Claim. (Cl. 12—128.1)



A shoe tree comprising a toe engaging member and a resilient strip of metal secured to said toe engaging member and extending rearwardly therefrom, said resilient strip of metal having four portions, the first portion being substantially straight and extending from said toe portion in a direction substantially parallel to the longitudinal axis thereof, the second portion being curved through an arc of substantially 90 degrees, the fourth portion being curved to form a heel engaging portion, and the third portion serving to connect said second and fourth portions and being offset from and disposed substantially parallel to a line tangent to the curves of said second and fourth portions to provide a notched portion for alternatively engaging the sling strap of a sling strap heel type of shoe, or for clearing the upper edge of the heel portion of a conventional type shoe, when said heel portion is engaged by said fourth portion, said first portion being sufficiently long with respect to a shoe of average length as to cause the same to assume a reverse curve.

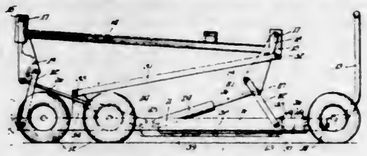
2,449,862
CENTRIFUGAL CIRCUIT BREAKER
Ernst Walter Rickmeyer, Elmhurst, Ill., assignor to Jefferson Electric Company, Bellwood, Ill., a corporation of Illinois
Application July 20, 1944, Serial No. 545,748
13 Claims. (Cl. 200—80)



1. In a switch of the character described, a tubular shell, transverse partition means dividing the interior of said shell into two chambers, said partition means including a porous material capable of preventing passage of mercury under jolting, etc., incident to handling of the switch, but capable of passing mercury pressed against it at high pressure, means providing a gas vent from one side of said partition means to a point adjacent the remote end of the other chamber, said means comprising a passage along the wall of the shell and a barrier of porous material adjacent to said remote end, said barrier being capable of preventing passage of mercury under jolting, etc. incident to handling of the switch.

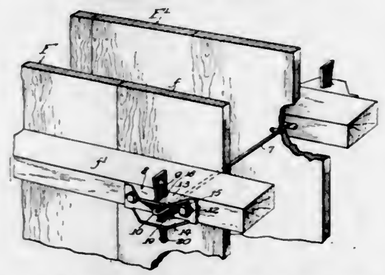
2,449,863
LOAD LIFTING APPLIANCE
William A. Ross, Springfield, Ill., assignor to Weaver Manufacturing Company, Springfield, Ill., a corporation of Illinois
Application March 31, 1945, Serial No. 585,929
3 Claims. (Cl. 254—2)

1. In a load-lifting appliance including a vehicle chassis base, a load-carriage and means to raise and lower said carriage with relation to said base, the novel improvement being that said carriage raising-and-lowering means includes in combination a pair of front and rear bell-crank means fulcrumed on the corresponding front and rear portions of said carriage, a pair of independent hydraulic operating-means both hinged on and near the center of the length of said base, one of said hydraulic-means facing forwardly and hinged on said front bell-crank means, and the other hydraulic-means facing rearwardly and hinged on said rear bell-crank means, front links hinged at one end on said base and hinged at



their other end on said front bell-crank means, rear links hinged at one end on said base and at their other end hinged on said rear bell-crank means, and means governing the path of upward and downward travel of an end portion of said carriage.

2,449,864
TIE DEVICE FOR WALL FORMS
Arthur H. Symons, Chicago, Ill.
Application June 24, 1944, Serial No. 541,920
3 Claims. (Cl. 25—131)

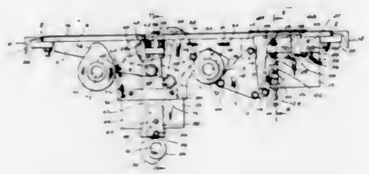


1. The combination with a wall forming form with an opening therethrough, of a combined tie and spreader rod having one end thereof extending through the opening and provided at its extremity and adjacent the outer face of the form with a completely and permanently closed loop, a bracket of U-shaped cross section connected fixedly to the outer face of the form at a point adjacent the opening and embodying a flat intermediate wall fitting against said outer face of the form and provided with a loop receiving opening in alignment with the opening in the form and a pair of opposed laterally spaced outwardly projecting side walls connected to opposite margins of the intermediate wall and provided with aligned transverse slots, and a wedge shaped plate mounted for longitudinal sliding movement in the slots and adapted to have the portion thereof between the side walls of the bracket fit snugly in the loop so as positively to lock the bracket and form against longitudinal displacement in either direction relatively to the rod.

2,449,865
MACHINE FOR FORMING AND APPLYING CLIPS TO WIRE MEMBERS
Edgar Tanguay, Bloomfield, N. J., and Carl Kertesz, Jamaica, and Wallace Krakauer, Rockaway Park, N. Y., assignors to Samuel Krakauer, Rockaway Park, N. Y.
Application October 3, 1946, Serial No. 701,026
5 Claims. (Cl. 140—11)

1. In a machine for forming and applying clips to wire members to connect the same together,

a support providing a surface upon which the wire members are positioned, said support having a passageway providing a guide for a strip of material, an abutment element secured to the upper face of said support to overlie the said wire members, a feed device guidedly mounted on said support for reciprocatory movement longitudinally of the pasageway and having resilient gripping means adapted to engage against said strip of material for feeding the same forwardly with the forward movement of said feed device, a cutting and forming die carried by said support for reciprocatory movement, a rocker arm pivoted to said feed device and fulcrumed intermediate its length for imparting forward movement to the feed block, a ram block mounted on said support for reciprocatory movement toward and away from said cutting and forming die for moving the same into intercepting relation with said strip for severing a clip forming



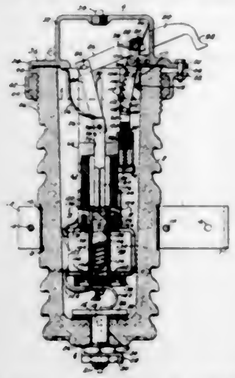
end portion thereof projecting into overlying relation with said die and for impinging the wire members against said abutment and bending the ends of the severed end portion of the strip against the opposite sides of the wire members, a pair of bending dies pivotally mounted for swinging movement against the bent ends of the severed portion of the said strip for bending the same into overlying clamping relation with the wire members, means normally tensioning said die members respectively for retaining the same in retracted relation, revolving cams respectively engaging said ram block and said pivotally mounted dies for moving the same to effect the severing of the end portion of the strip and the bending thereof about the wire members, and a revolving cam moving in timed relation with the aforesaid cams for swinging the rocker arm to thereby move the feed device forwardly prior to the movement of said cutting and forming dies into engagement with the end portion of the strip.

2,449,866
STREPTOMYCIN AND PROCESS OF PREPARATION
Selman A. Waksman, New Brunswick, and Albert Schatz, Passaic, N. J., assignors to Rutgers Research and Endowment Foundation, a nonprofit corporation of New Jersey
No Drawing. Application February 9, 1945, Serial No. 577,136
13 Claims. (Cl. 260—236.5)

11. A process for the production of streptomycin that comprises growing a culture of a streptomycin-producing strain of *Actinomyces griseus* at a suitable incubation temperature and for a suitable period of cultivation, to form streptomycin in the culture broth, separating the culture broth from the organism growth, adsorbing streptomycin from the broth, and recovering the adsorbed streptomycin.

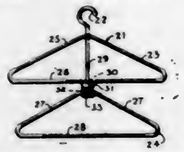
13. Streptomycin.

2,449,867
CIRCUIT INTERRUPTER
James M. Wallace, North Braddock, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 12, 1940, Serial No. 345,051
21 Claims. (Cl. 200—89)



21. In a circuit breaker, a container for an arc extinguishing fluid, a chamber adapted to be closed at least during a circuit interrupting operation and at least partially submerged in said fluid, separable contacts in said chamber arranged to be forced apart by fluid pressure in said chamber, means for separating said contacts to draw an arc therebetween, whereby the pressure developed by said arc operates to increase said separation, means biasing said contacts into engagement, fluid time delay means in said container and utilizing said fluid to delay movement of said contacts into engagement, means responsive to a circuit interrupting operation to vent said chamber at a plurality of spaced points, at least one of which is below the level of said fluid and another of which is at a different level, whereby said chamber is flushed out and supplied with a fresh quantity of said fluid after each circuit interrupting operation, irrespective of the viscosity of said fluid.

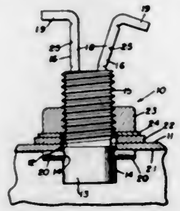
2,449,868
SUIT HANGER
Rose Waldman, Jersey City, N. J.
Application November 27, 1945, Serial No. 631,058
1 Claim. (Cl. 223—88)



In a garment hanger for separately supporting a plurality of garments, said hanger comprising a first substantially triangular garment supporting frame having an aperture formed in the apex thereof, a second substantially triangular garment supporting frame having an aperture formed in the apex and base thereof, said apertures of said first and second triangular garment supporting frames being aligned, and the apex of each of said frames extending away from its respective base in the same direction, a rod extending through said aligned apertures whereby said frames may be freely rotatable thereon, means

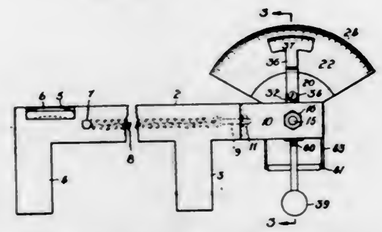
at one end of said rod to prevent said frames from passing thereover, means at the other end of said rod for preventing said frames from passing thereover, said last named means including gripping means.

2,449,869
CONNECTOR
William F. Watson, Bronx, N. Y.
Application February 14, 1947, Serial No. 728,601
2 Claims. (Cl. 285—44)



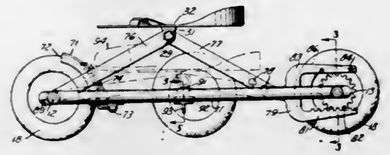
1. In association with an enclosure having an opening formed in the wall thereof, a connector comprising a tubular nipple positioned in said opening and provided adjacent the inner end thereof with a pair of diametrically opposed apertures, a pair of substantially U-shaped keeper rods extending through the bore of said nipple, the angulated portions at the inner ends of said rods projecting through said apertures and engaging the inner surface of said wall, the remaining end portions of said rods projecting laterally from the outer end of said nipple, the outer end portion of said nipple being externally screw-threaded, a nut on said threaded portion, and packing means provided between said nut and the outer surface of said wall, the mid portions of said rods being formed with a series of spaced weakening notches.

2,449,870
CLINOMETER
Walter Edward Austen, Melbourne, Victoria, Australia
Application October 19, 1944, Serial No. 559,406
In Australia September 11, 1943
6 Claims. (Cl. 33—218)



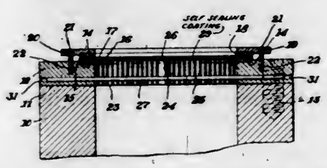
1. An improved clinometer comprising, a level bar, a pivotal protractor head resiliently mounted on the level bar and adapted to be held in adjusted pivotal position, a spindle securely fitted in said protractor head, a freely rotatable bearing on said spindle, a weighted arm connected to said bearing, a lug on said bearing, an index pivotally connected to said bearing lug, a protractor pivotally mounted on said spindle, clamping plates fitted on said spindle on opposite sides of said protractor, an arcuate slot in said protractor, a bolt fitted through said clamping plates and said protractor, a nut on said bolt adapted to cause the clamping plates to grip the protractor to hold it in adjusted position, and a resiliently mounted arrester on the protractor head adapted to be pressed against the weighted arm to restrain the index against movement whilst readings of the instrument are being made.

2,449,871
FOOT PROPELLED SKATE
Francis M. Bohler, Hawthorne, Calif.
Application August 18, 1945, Serial No. 611,375
1 Claim. (Cl. 280—11.11)



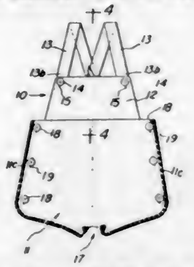
A skate adapted to derive motive power from the body weight of the user imposed thereon during the normal motions of walking, comprising a carriage having ground-engaging wheels thereon, at least one of which is a driving wheel, a rocking link mounted on said carriage for pivotal movement in a vertical plane, a treadle mounted on said rocking link and adapted to securely engage a leg portion of the user, a gear associated with said driving wheel, a reciprocable toothed element meshing with said gear, a crosshead carried by said toothed element, a disk carried by said gear having therein a peripheral groove in which said crosshead is slidably engaged, a link connecting said toothed element and crosshead with and to be reciprocated by and upon movement of said rocking link, an overrunning clutch interposed between said gear and said driving wheel for connecting together said gear and driving whel for unidirectional movement, and brake mechanism operative by said treadle, and disposed at a position in the path of movement of the operator's foot carried by said treadle, for engaging and resisting rotational movement of one of said carriage wheels.

2,449,872
ELECTRON DISCHARGE VESSEL
Arno Brasch and Wolfgang Huber, Brooklyn, N. Y., assignors, by mesne assignments, to Electronized Chemicals Corporation, New York, N. Y., a corporation of Delaware
Application October 4, 1946, Serial No. 701,132
18 Claims. (Cl. 250—154)



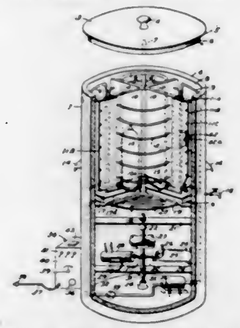
1. In an electron discharge vessel an electron transmitting window arranged in the wall of said discharge vessel and composed of a metallic foil covered on at least one face with a thin sheet of a self-sealing substance.

2,449,873
SUN SUIT TYPE OF APPAREL
George Brockman, New York, N. Y.
Application April 8, 1947, Serial No. 740,027
2 Claims. (Cl. 2—80)



1. A sun suit for juveniles including "shorts" comprising a front panel, a rear panel, a unitary crotch connecting said front panel and said rear panel, means joining side edges of said front panel to side edges of said rear panel to form the "shorts," and edging material binding the edges of said panels and said crotch, the contour in which the material of the "shorts" is cut and the binding of said edging material providing an upwardly extending concave crotch formation and bowing said crotch forwardly of the "shorts" to give greater room to the lower forward part thereof.

2,449,874
MACHINE FOR THE AUTOMATIC COOLING AND HEATING OF BABY BOTTLES AND FOOD
James Milman Bruning, Mount Vernon, Wash.
Application March 22, 1946, Serial No. 656,495
15 Claims. (Cl. 257—4)



1. A machine for the automatic cooling and heating of baby bottles and food comprising a heat insulated container, a rotary support for the bottles mounted in said container, means dividing said support into compartments, refrigerant means for cooling the bottles in certain of said compartments, heating means disposed in a station opposite one compartment, and means for intermittently rotating said compartments to and past said heating station.

2,449,875
MOUNTING STRUCTURE FOR WINDOWS
Robert Cadwallader, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application June 30, 1944, Serial No. 542,980
13 Claims. (Cl. 296—84)

13. The combination with an opening in a vehicle and a window therefor, of means for mounting the window in the opening, said means comprising a flange on the opening having a first portion extending inwardly of the vehicle and a second portion extending radially inwardly of the opening from the first portion, a sealing ring engaging the periphery of the window, fastening means engaging said sealing ring and fitting be-



tween the first portion of the flange and the window and installable from the outside of the vehicle so as to engage the second portion of the flange by entering it for securing the window to the second portion of the flange and thereby holding the window in place, and a covering strip seated upon the outer surface of said sealing strip and secured to the fastening means.

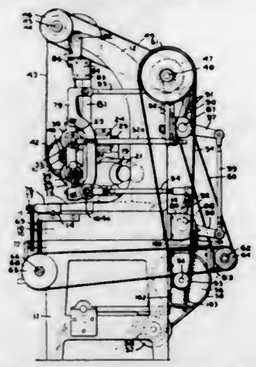
2,449,876
PLASTIC COMPOSITIONS AND PROCESS OF MAKING THE SAME
Francis E. Calvert and Paul A. Bury, Cincinnati, Ohio, assignors to The Drackett Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application March 19, 1947, Serial No. 735,800
10 Claims. (Cl. 260—7)

1. In a method of preparing a high impact thermosetting plastic preform of high density and flow, the steps which comprise reacting phenol, aniline, and formaldehyde, the formaldehyde being added as an aqueous solution, in the presence of calcium hydroxide as the sole catalyst at such temperatures and for times sufficient to form a primary resin, the amount of formaldehyde being 37.5% to about 49% of the weight of phenol, the calcium hydroxide being present in amount of about 4% to about 6% by weight of phenol, and the aniline being present in amount not greater than 12.5% by weight of phenol, thereafter mixing the primary resin with a vegetable protein in amount from 7% to 43% by weight of initial phenol, subjecting the mixture to elevated temperature sufficient to cause the protein to react with the resin, distilling the reaction product to remove excess formaldehyde and water, subjecting a mixture of the reaction product and a long fibered filler to intense kneading action at an elevated temperature to impregnate the filler, rolling the filled product to form a sheet, and cutting the sheet into preforms of a predetermined contour.

2,449,877
PREPARATION OF HYDROXYETHYL-2,5-DICHLOROBENZENE
Thomas S. Carswell, Longmeadow, and Ralph F. Hayes, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application December 2, 1943, Serial No. 512,632
10 Claims. (Cl. 260—618)

1. A process for preparing alpha-hydroxyethyl-2,5-dichlorobenzene which comprises reacting alpha-chlor-ethyl-2,5-dichlorobenzene with caustic alkali while dissolved in a lower aliphatic alcohol.

2,449,878
COPYING LATHE
George Clausing and Charles B. Gary, Portsmouth, Ohio, assignors to Vulcan Corporation, Portsmouth, Ohio, a corporation of Ohio
Application December 27, 1943, Serial No. 515,704
7 Claims. (Cl. 142—15)



1. In a copying lathe including a main frame and a work holding frame supported thereon having means for holding and rotating a model and work piece, the improvement which comprises means for supporting said work frame including a pair of relatively long spaced links pivoted at one end upon said main frame and at their other ends upon said work frame, means for guiding said work frame including a pair of spaced parallel torque shafts rotatably mounted upon said main frame and disposed parallel to said work frame, means connecting said shafts to rotate them in synchronism, lateral extensions upon said shafts, and rigid connecting members interconnecting said lateral extensions with said work frame acting to constrain said work frame to move with a motion characterized as bodily movement at substantially a right angle to its general flatwise plane and without angular displacement from that plane.

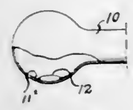
2,449,879
SYNTHETIC RUBBER RECLAIMED WITH A RECLAIMING OIL COMPOSED OF SOLVENT NAPHTHA AND AN AROMATIC HYDROCARBON OIL
Frank W. Corkery, Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa., a corporation of Pennsylvania
No Drawing. Application February 26, 1944, Serial No. 524,070
12 Claims. (Cl. 260—33.6)

1. In reclaiming a synthetic rubber selected from the synthetic rubbers composed of the rubbery copolymers of butadiene and acrylic nitrile and the synthetic rubbers composed of the rubbery copolymers of butadiene and styrene the step of digesting the said synthetic rubber by subjecting the synthetic rubber in divided condition to heat and pressure in the presence of from 5% to 25% its weight of a reclaiming oil composed of crude heavy solvent naphtha boiling, within the approximate range of 165° C. to 185° C., and an aromatic oil formed from compounds found in coke oven light oil and boiling within the approximate range of 220° C. to 350° C. which has an aniline point below 25° C. by virtue of a substantial content of at least one compound responding to the formula

$$R_{x}^{P-A_{y}-P}R_{x}$$

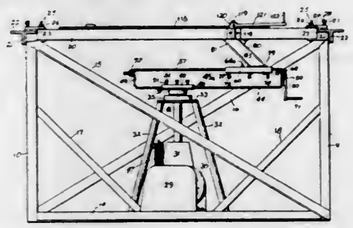
in which "P" is a phenyl group, "A" is an aliphatic group, "R" is selected from the group consisting of alkyl and alkenyl groups, "x" is a number up to unity and "y" is a number up to unity, the said crude heavy solvent naphtha and the said higher boiling aromatic oil being included in the proportion of 20% to 80% of the said crude solvent naphtha and 20% to 80% of the said higher boiling aromatic oil.

2,449,880
LIGHT SOURCE
James L. Cox, Ramsey, N. J., assignor to Duro-Test Corporation, North Bergen, N. J., a corporation of New York
Application May 16, 1945, Serial No. 594,033
1 Claim. (Cl. 176—122)



A method of generating visible light comprising mechanically agitating liquid mercury in contact with loose phosphor particles in an atmosphere of rare gas at low pressure.

2,449,881
VENTURI RING MACHINE
Bee Carl Crandall, Memphis, Tenn.
Application July 8, 1946, Serial No. 682,111
1 Claim. (Cl. 153—29)



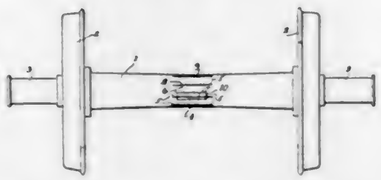
A sheet metal rolling device comprising a frame, a pedestal within said frame and terminating below the upper plane thereof, clamping means on said frame for clamping an apertured sheet metal work piece above said pedestal, a vertical shaft in said pedestal, a flat supporting member fixed on the upper end of said shaft, an elongated carriage, means securing said carriage on said supporting member for longitudinal adjustment relative thereto, a pair of work engaging rollers, means supporting said rollers on said carriage for adjustment along the length thereof, means for varying the disposition of said rollers one to the other and vertically relative to said work piece, and means for rotating said shaft whereby said rollers are rotated about the axis of said shaft in engagement with the inner edge of said apertured sheet.

2,449,882
HOLDER FOR INTRAVENOUS APPARATUS
Amy J. Daniels, North Wilbraham, Mass.
Application February 8, 1947, Serial No. 727,425
1 Claim. (Cl. 128—214)



A device for attaching an intravenous tube to the limb of a person comprising in combination, an elongated substantially rigid supporting plate curved longitudinally to lie transversely across one side of a limb and substantially fit the same, said supporting plate adjacent its opposite ends provided with transversely extending slots, a flexible strap underlying said plate having end portions extending upwardly through said slots adapted to extend from opposite ends of the plate and encircle portions of a limb between the ends of said plate, means for securing said end portions of the strap together for securing the supporting plate to the limb, a relatively rigid elongated clip member extending longitudinally of the supporting member and secured intermediate its opposite ends to an intermediate portion of said supporting plate and having opposite free end portions extending towards opposite ends of said plate, and the opposite free end portions of the clip member extending upwardly away from said supporting plate and then downwardly towards said supporting plate with the extremities thereof spaced therefrom forming with the upper side of said plate clips at opposite sides of the intermediate portion of the plate having openings to receive a tube which are directed at opposite ends of said plate.

2,449,883
FATIGUE INDICATOR
Alfred V. de Forest, Marlboro, N. H., assignor to The Baldwin Locomotive Works, a corporation of Pennsylvania
Application January 8, 1945, Serial No. 571,873
2 Claims. (Cl. 73—100)



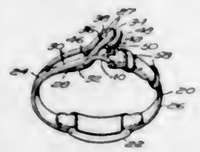
1. The method of determining the approach of the fatigue limit of a member subject to fatigue strains consisting in attaching to a strainable portion of the member an electrical conductor whose fatigue limit is of a predetermined value below that of the member under test so that the degree of progress of fatiguing may be determinded by the fatigue failure of the conductor and then periodically electrically checking said conductor to determine whether the conductor has broken whereupon in the event of a broken conductor it is known that the fatigue limit of the member has at least reached that of the conductor.

2,449,884
STRAP
Charles A. Domler, Johnston, R. I.
Application May 4, 1946, Serial No. 667,311
13 Claims. (Cl. 224—4)



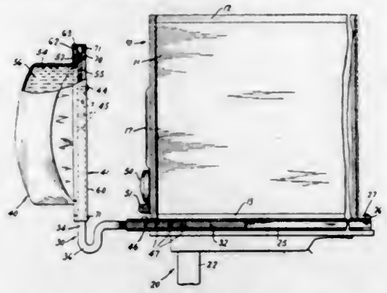
10. A continuously assembled adjustable and releasable strap, comprising a flexible strap of a length to encircle a limb or body torso or join two article portions together, having an adjustable end slit for a substantial distance longitudinally thereof into transversely separable upper and lower portions terminating in a joined tip, one of said separable portions having a series of longitudinally spaced adjusting holes therein, and a buckle having side bars, a forward cross bar permanently retained in the space between said separable portions by said tip, movable for adjustment and release longitudinally thereof, and a rear bar having the opposite strap end fixedly secured thereto and having a forwardly extending tongue mounted thereon to pivot upwardly to be inserted through a selected hole in said adjustable strap end and downwardly in adjusted position adjacent said forward bar.

2,449,885
STRAP WITH INSEPARABLE ENDS
Charles A. Domler, Johnston, R. I.
Application July 10, 1946, Serial No. 682,658
6 Claims. (Cl. 224—4)



2. A continuously assembled adjustable and releasable strap, comprising a flexible strap of a length to encircle a limb or body torso or join two article portions together, having an adjustable end vertically split by spaced vertical slits for a substantial distance longitudinally thereof into a center portion and side portions terminating in a joined tip, said center portion having a series of longitudinally spaced adjusting holes therein, whereby said center portion may be depressed between said side portions so that said center portion may form a lower layer and said side portions an upper layer with a transverse slit or space between them, and a buckle having side bars, a forward cross bar permanently retained in said transverse slit by said tip, movable for adjustment and release longitudinally thereof, and a rear bar having the opposite strap end fixedly secured thereto and having a forwardly extending tongue mounted thereon to pivot upwardly to be inserted through a selected hole in said adjustable strap end and downwardly in adjusted position adjacent said forward bar.

2,449,886
APPARATUS FOR MAGNIFYING THE IMAGES ON TELEVISION SCREENS
John S. Dougherty, Jackson Heights, N. Y.
Application March 20, 1948, Serial No. 15,988
5 Claims. (Cl. 88—39)



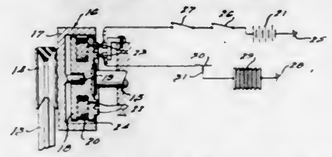
1. Apparatus for magnifying the image on a television screen, said apparatus comprising two parallel tubes of rectangular cross section for location on a table with a television set supported by them above the top of the table, a cross bar on top of the rearward ends of the tubes and connected at its opposite ends with the tubes for holding the tubes spaced from one another by a distance substantially less than the width of the cabinet of any of the television sets with which the apparatus is intended to be used, a bracket including two horizontally extending rods that fit into and slide lengthwise of the rectangular tubes with a telescoping action, each of said rods having a sideways extending off-set portion at its forward end extending in a direction away from the other rod, a lens substantially wider than the television screen with which the apparatus is intended to be used, a flange around the perimeter of the lens, a frame into which the flange of the lens is fitted, fastening means for holding the lens in the frame, flanges within the frame in position to hold the lens against lateral displacement in the frame and forming with outer walls of the frame substantially vertical guideways on both sides of the frame, two posts substantially parallel with one another and extending upward through the guideways in the lens frame and providing bearing surfaces along which the lens frame is adjustable to regulate the height of the lens to that of the television screen, means for holding the lens frame at a selected adjustment lengthwise of the posts, said posts extending downward below the level of the rods and being integrally connected with the outer ends of the sideways-extending off-set portions of the rods by downwardly-extending off-set connections.

2,449,887
COLLET CHUCK
Robert O. Edel, Frankenmuth, and Leo Sutton, Bridgeport, Mich.
Application September 16, 1946, Serial No. 697,304
6 Claims. (Cl. 279—49)



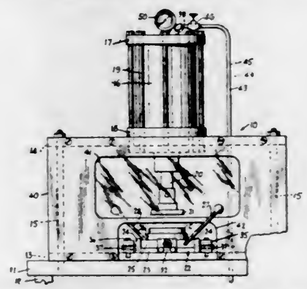
1. A collet chuck comprising a threaded shank having a tapered bore in the lower end thereof, a nut threaded on said shank and formed with a circumferential groove, opposed flatted sections on said nut flush with the bottom wall of said groove, a circumferentially contractable collet mounted in said tapered bore and formed with a rib intermediate its length, said collet being tapered in opposite directions from said rib, a clamping member piloted on the outer tapered end of the collet, and formed with inwardly projecting flanges adapted to slide over said flatted sections, said member being rotatable into locked engagement with said groove, said nut and member being rotatable as a unit for exerting collapsible pressure on said collet.

2,449,888
COMPRESSOR DRIVE CONTROL
Franklin W. Edwards, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application September 11, 1944, Serial No. 553,526
3 Claims. (Cl. 62—2)



3. In a motor vehicle having an engine, a refrigerant compressor, a magnetic coupling adapted to transmit drive from said engine to said compressor and control means for said coupling comprising a source of electrical energy and a circuit for said energy to said coupling, said circuit including a variable resistance and a temperature responsive device adapted to vary said resistance.

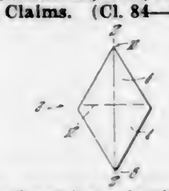
2,449,889
FLUID PRESS MOTOR AND CONTROL VALVE THEREFOR
Carl Eisen, Bronx, N. Y.
Application July 25, 1944, Serial No. 546,556
1 Claim. (Cl. 121—38)



A fluid press system, including a main expansible cylinder means for converting fluid pressure into mechanical pressure, a unitary source of fluid pressure, and a control valve system for securing two rates of expansion of said cylinder means, said valve system including a single secondary expansible transfer chamber, mechanical means for altering the effective longitudinal dimension thereof, valve means for admitting fluid from said unitary source to one end of said chamber, a plurality of cylinder feed pipes opening into said chamber sequentially and additively, as said chamber is expanded, the pipe first opening thereinto having a constricted

portion, whereby fluid flow therethrough to said cylinder means takes place at a relatively reduced rate, thereby producing a relatively reduced rate of expansion of said cylinder means, and at least one other pipe opening later, but while said first pipe is still opened, into said chamber affording substantially unrestricted fluid flow to said cylinder means, means for determining the degree of expansion of said transfer chamber, and an exhaust pipe for exhausting fluid from said cylinder means, leading to said valve, said valve system also including means for porting said exhaust pipe to the atmosphere and means for operating said porting means simultaneously with the reduction of the longitudinal dimension of said transfer chamber to a minimum.

2,449,890
PICK FOR STRINGED INSTRUMENTS
Robert C. Garlick, East Longmeadow, Mass.
Application October 11, 1945, Serial No. 621,672
2 Claims. (Cl. 84—322)



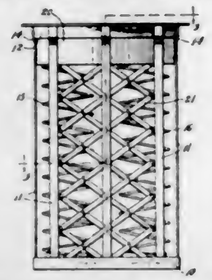
1. A pick for the strings of stringed instruments having different characteristics comprising, a relatively thin flat unitary body made from flexible material having its greatest transverse width at a central portion thereof and opposite side edges of opposite end portions of the pick converging from said central portion thereof providing opposite pointed string engaging ends, opposite side faces of one end portion converging from said central portion outwardly to the pointed end of said portion providing a flexible end portion that is progressively tapering and flexible outwardly from said central portion and the opposite side faces of the other end portion disposed in substantial parallelism from the central portion outwardly providing a relatively less flexible end portion, all adapted and arranged whereby when the pointed end of said other relatively less flexible end portion is to be used for picking certain strings the said one flexible end portion may be gripped between the thumb and finger at different distances outwardly from said central portion to obtain different degrees of flexibility and when the pointed end of said one flexible end is to be used for picking certain other relatively less flexible strings said other end portion of the pick may be gripped between the thumb and finger leaving the said one flexible end free for flexing outwardly from said central portion.

2,449,891
AMMONIATED ACID ACTIVATED MONTMORILLONITE CATALYST AND PREPARATION THEREOF
Wright W. Gary, Los Angeles, and Robert B. Secor, South Gate, Calif., assignors to Filtrol Corporation, Los Angeles, Calif., a corporation of Delaware
Original application February 7, 1944, Serial No. 521,446, now Patent No. 2,432,746, dated December 16, 1947. Divided and this application July 3, 1947, Serial No. 758,776
15 Claims. (Cl. 252—196)

6. An ammoniated acid activated montmorillonite catalyst having ammonium ions in the base exchange positions of said montmorillonite.

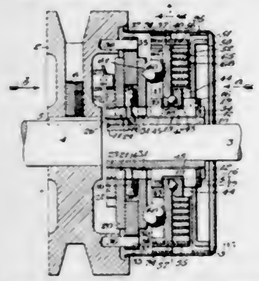
13. An acid activated montmorillonite catalyst produced by heating and thereby removing ammonia from such a catalyst having ammonium ions in the base exchange positions of said montmorillonite.

2,449,892
APPARATUS FOR STORING STACKED ARTICLES
William J. Gibbs, Brooklyn, N. Y.
Application February 17, 1945, Serial No. 578,385
10 Claims. (Cl. 312—71)



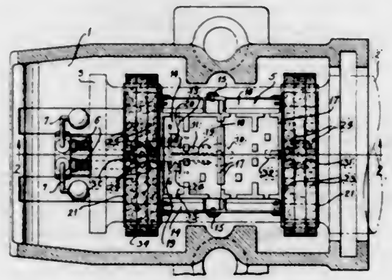
1. A device for feeding and holding stacked articles, comprising a housing having a base portion and a top portion, a carrier for stacked articles reciprocable within the housing, the top portion of said housing being provided with an opening coextensive with said carrier to permit articles to be placed on the carrier, helical compression spring means disposed between said carrier and base portion to motivate said carrier and its load of stacked articles, and extensible and retractable means connected with the base portion and carrier, said last mentioned means being a lazy-tong, said lazy-tong including separate pairs of links at the top and bottom of the lazy-tong which are slidably connected to said base portion and carrier and movable outwardly thereon during the contraction of said lazy-tong, said spring means being calibrated to support said carrier in various positions wherein the outer face of the outermost article of a stack of uniform articles on the carrier will be disposed at a predetermined level.

2,449,893
CLUTCH AND BRAKE MECHANISM
Wilbert M. Gilman, Wellesley Hills, Mass., assignor, by mesne assignments, to Cread Engineering and Research Company, Cranston, R. I., a corporation of Rhode Island
Application August 22, 1945, Serial No. 611,999
19 Claims. (Cl. 192—17)



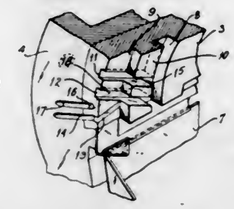
1. In a clutch mechanism, a rotary driving element, a rotatable driven element, clutch members engageable for connecting said driving element to rotate the driven element, an operating member rotatable relatively to said clutch members to engage said members, resilient means for relatively rotating said operating member, snubbing means to retard the rotation of the operating member to cause it to release the clutch members from engagement, and braking means for arresting the rotation of the driven element after the clutch members have been disengaged.

2,449,894
LUBRICATOR DISTRIBUTOR
James J. Hennessy, Montclair, N. J.
Application October 17, 1945, Serial No. 622,866
8 Claims. (Cl. 308—85)



3. In a distributor device for a journal lubricator of the class described, a pan-like member, a pad of absorbent material in said member and having a face arranged for application to a journal, the face of said pad opposite said journal engaging face normally being spaced from an opposing wall of said member, a yielding mounting in said member urging said pad outwardly thereof, and said pad and said member having interengaging elements limiting movement of said pad outwardly of said member.

2,449,895
RAILWAY JOURNAL BEARING
James J. Hennessy, Montclair, N. J.
Application October 20, 1945, Serial No. 623,529
6 Claims. (Cl. 308—79.1)



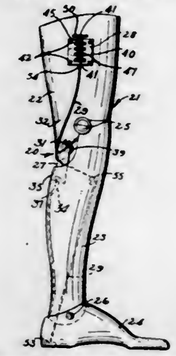
1. A railway axle journal bearing with a journal engaging face having a circumferential groove positioned to trap lubricant as it moves towards the end of the bearing and providing an area free of engagement with the journal to which it is applied whereby lubricant in this area between the bearing and the journal will be relieved of pressure, and a passage extending downwardly from said area and to the end of the bearing to lubricate said end.

2,449,896
BLOUSE ANCHOR
Doris Jane Hennie, Little Falls, N. J.
Application December 17, 1947, Serial No. 792,165
5 Claims. (Cl. 2—323)



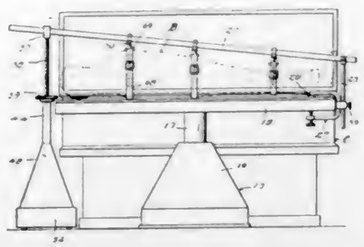
1. The combination with a skirt of a blouse anchor for restraining a blouse being worn with the skirt from working itself out of the skirt, said anchor comprising a substantially rigid member configured to define a substantially centrally located vertically extending wedge slot for engagement with a blouse and having an opening on each side of said slot, a pair of elastic tapes extending one through each of said openings, each of said tapes being doubled back on itself with its ends drawn out horizontally in a direction away from said wedge slot, each tape being fastened adjacent its ends to the inside of the skirt adjacent the skirt waistband but far enough below the upper edge of said waistband so that the blouse anchor is concealed, the tapes being drawn out substantially taut without normally being under any substantial degree of elastic tension.

2,449,897
KNEE LOCK FOR ARTIFICIAL LEGS
George A. Hinkle, New York, and Alfred T. Weger, Baldwin, N. Y.
Application March 7, 1946, Serial No. 652,682
9 Claims. (Cl. 3—2)



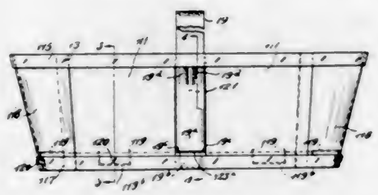
2. In an artificial leg, comprising thigh, shank and foot sections pivotally joined together, a locking means disposed to lock the shank and thigh sections to prevent pivotal movement thereof, an adjusting screw operatively associated with the locking means and disposed to permit adjustment of the amount of pivotal movement between the shank and thigh section which can occur when the locking means is effective, spring means disposed to cause locking action of the locking means, a line extending between the thigh and foot sections and disposed upon being tensioned to prevent locking action of the locking means, adjusting means disposed on the exterior of the thigh section arranged to determine the angular position of pivotal movement of the foot section at which tension is applied to the cord to prevent action of the locking means, said adjusting means comprising a frame having a plurality of slots therein, and a catch secured to the line which may be selectively positioned in any one of the slots.

2,449,898
CADAVER LIFTER
Bruce A. Hower, Gary, Ind.
Application July 3, 1945, Serial No. 603,020
4 Claims. (Cl. 27—28)



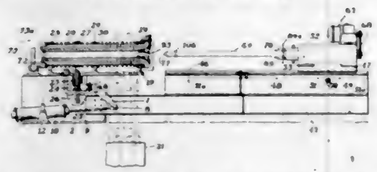
1. A lifting means for lifting a body from a table comprising an elongated bar, a vertical rod pivotally secured to one end of said bar, means removably mounting said rod at one end of said table, means independent of said table engaging the opposite end of said bar for elevating the latter, and means supporting the body from said bar.

2,449,899
BASKET
Henry S. Johns, Cleveland Heights, Ohio
Application April 17, 1944, Serial No. 531,397
5 Claims. (Cl. 217—122)



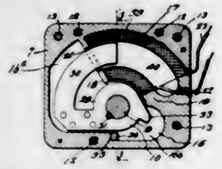
2. A basket comprising a bottom and side and end panels made of relatively thin and light material, a vertical slot being provided at the central portion of each side of the basket between the panels on such side, inner and outer upper reinforcing bands to and between which the upper ends of the side and end panels are secured, an outer lower reinforcing band to and within which the lower ends of the side and end panels are secured, and means for securing the basket bottom within the bottom portions of the side and end panels, an inverted U-shaped handle the lower portions of the sides whereof are insertable into the vertical slots and between the inner and outer upper reinforcing bands and within the lower reinforcing band, the bottoms of the sides of the handle being reduced to form tongues with shoulders thereabove, loops secured to the basket bottom and extending outwardly into the said slots and above the lower reinforcing band and adapted to receive the said tongues and to engage said shoulders, and one or more projections on each of the sides of the handle in position to engage the lower edge of an upper reinforcing band when the tongues on the lower ends of the handle sides are positioned within said loops.

2,449,900
APPARATUS FOR FORMING MOLDS FOR CENTRIFUGAL CASTING AND CENTRIFUGALLY CASTING PRODUCTS THEREIN
Loyal L. Johnston, Zelienople, Pa., assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 18, 1946, Serial No. 648,318
11 Claims. (Cl. 22—20)



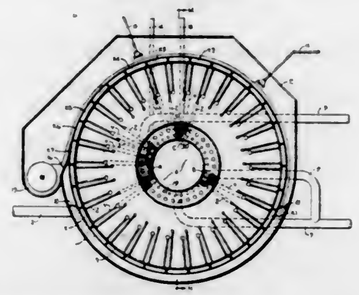
2. In a centrifugal casting apparatus, a flask having openings at its opposite ends and having an axis about which it is rotatable, driving means operatively connected with the flask to rotate the flask about its axis, means mounted in position outside the flask for introducing mold forming material into the flask and, as introduced, disposing it in contact with the inside of the flask throughout substantially the entire circumference thereof while the flask is circumferentially closed, compacting mechanism, means for moving the compacting mechanism into the flask along the axis of the flask, the compacting mechanism protruding through the open ends of the flask when in position therein, supporting members outside the respective ends of the flask and, when the compacting mechanism is moved into the flask, disposed in the axis of the flask for supporting the compacting mechanism and means for relatively moving transversely of the axis of the flask the flask and said supporting members to dispose the compacting mechanism in an eccentric position in the flask to compact the mold forming material as the flask rotates to form a cylindrical mold having desired diameter.

2,449,901
ELECTROMAGNETIC DRIVE
William A. Kaiser, Syracuse, N. Y.
Application May 22, 1946, Serial No. 671,459
2 Claims. (Cl. 175—337)



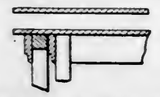
1. In an electromagnetic device in combination, a rotatable shaft, a casing provided with bores for journalling said shaft and with a number of cavities, one of said cavities being arranged centrally around said shaft with a larger and a smaller section extending outwardly and radially therefrom on opposite sides, a further peripheral cavity having the shape of an arcuate annular sector, a partition wall with an opening between said last named cavity and the adjacent outwardly extended cavity section, a movable member fixed on said shaft comprising a central hub member, two radially extending portions, one of said portions carrying an annular arcuate portion, the other radially extending portion being a stop member, said movable member being housed and movable within the first named cavity, with the radial portion carrying the arcuate portion movable within the larger outer section of the first named cavity and the stop member movable within the smaller radially and outwardly extending cavity section, part of the walls of the latter being provided with a resilient lining and acting as a counterstop, and an arcuate hollow solenoid coil arranged in the peripheral cavity shaped as an arcuate annular sector the curved hollow interior of said coil being centered on the axis of said shaft and adapted to accommodate the annular arcuate portion of the movable member.

2,449,902
FILTRATION
Wynkoop Kiersted, Jr., Scarsdale, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application May 22, 1945, Serial No. 595,164
2 Claims. (Cl. 210—202)



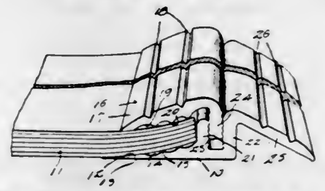
2. In the continuous filtration of solids from a mixture of solids and mother liquid by means of a continuous rotary drum filter, the filter drum comprising a plurality of hollow segmental filter sections whose leading and trailing edges are in fluid communication through leading and trailing drain pipes with a filter valve, wherein the drum is continuously rotated so that each filter section submerges within and then emerges from the filtering mixture, a filter cake of solids is formed upon the exterior of each section, and filtrate is forced through the cake into the interior of each section and is discharged therefrom through said drain pipes and filter valve, the filter cake during rotation of the filter section after emerging from the filter mixture is subjected to washing by passing a wash liquid therethrough and to drying by passing gas therethrough during application of suction from the filter valve through said drain pipes, and upon further rotation moves into a zone of cake removal, the steps comprising admitting gas under low pressure to the interior of said section through its trailing drain pipe following said drying and during its advance toward the zone of cake removal, discharging so admitted gas through the leading drain pipe toward the filter valve, subsequently and while still prior to removing the cake from the surface, closing the filter valve outlet of said leading drain pipe when the leading edge of the cake bearing section is about 6 inches in advance of the point of removing the cake therefrom, continuing the admission of said gas through said trailing drain pipe after said closing to create thereby a back pressure within the filter section sufficient to distend the filter surface and facilitate removal of the cake from the distended surface without reversing the direction of fluid flow within the leading drain pipe during the building up of said back pressure, and removing the cake from the filter surface.

2,449,903
SECTIONAL DINING TABLE
Robert Langstaff, Donora, Pa.
Application January 20, 1947, Serial No. 723,003
2 Claims. (Cl. 311—1)



1. An extension table comprising a pair of table members, each formed of a top and a base, one of said members including link means connecting the top thereof to the base whereby said top may be elevated above the base, the other table member being of such size and shape that it may be shifted into the base of said one member with the top thereof interposed between the base of said one member and the top of the latter.

2,449,904
EDGE MOLDING
Edward C. Lorraine, Elmhurst, N. Y.
Application October 21, 1946, Serial No. 704,750
3 Claims. (Cl. 16—7)

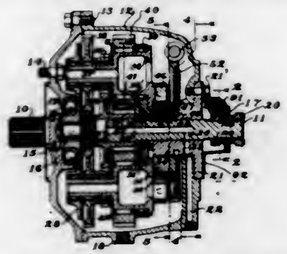


1. A floor covering securing means and edging comprising an elongated base member adapted to be placed on a floor and to underlie an edge of the covering, said base constituting a lower clamping jaw, an upper clamping jaw, a pair of parallel keeper forming walls carried by one of said jaws, a downwardly and outwardly inclined shield carried by one of said keeper forming walls, and a locking tongue engageable between the said walls for connecting the upper and lower clamping jaws.

2,449,905
POWER UNIT
Delbert L. Lotts, Kent, Ohio, and Roy T. Bucy and Harold E. Waldron, Detroit, Mich., assignors to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application November 2, 1942, Serial No. 464,182
1 Claim. (Cl. 74—114)

In combination, a rotatable driving carrier, a driven shaft coaxial with the carrier, a driven gear fixed to the driven member adjacent the carrier, an overspeed member mounted on the carrier for angular movement about an axis revolving about the axis of the driving member, an intermediate gear mounted on the overspeed member in spaced relation to the carrier, a one-way clutch acting between the overspeed member and the intermediate gear, a first compound gear rotatably mounted on the driven shaft and having two sections, one section meshing with the interme-

diate gear, a second compound gear rotatably mounted on the overspeed member between the intermediate gear and the carrier and having two sections, one section meshing with the driven gear and the other section meshing with the other section of the first compound gear, means forming a circular track, control means for the overspeed member traveling on the circular track, and means for making the circular track concentric or eccentric with the axis of the driving carrier and the driven shaft, whereby a concentric position of the circular track will prevent relative an-



gular movement between the overspeed member and the driving carrier and thereby produce equal angular velocity of the driving carrier and the driven shaft, and an eccentric position of the circular track will cause rotation of the driving member to produce relative angular movement between the overspeed member and the carrier, said relative angular movement being transmitted through the one-way clutch and the intermediate compound, and driven gears to the driven shaft so as to result in an angular speed of the driven shaft in excess of that of the driving carrier.

2,449,906
OXIDATION OF HETEROCYCLIC AROMATIC NITROGEN COMPOUNDS
Max B. Mueller, Dumont, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York
No Drawing. Application November 21, 1944, Serial No. 564,553
10 Claims. (Cl. 260—295.5)

1. In the catalytic oxidation to a pyridine carboxylic acid of an N-heteroaryl compound containing a pyridine nucleus and containing an oxidizable organic grouping attached to the nitrogen-containing aromatic nucleus by at least one carbon-to-carbon linkage, the improvement which comprises conducting the oxidation by reacting nitric acid with a solution containing the N-heteroaryl compound and a relatively small amount of a substance selected from the group consisiting of selenium and a selenium compound dissolved in sulfuric acid, and recovering a compound containing the pyridine carboxylic acid radical.

2,449,907
PICTURE FRAME
Norman E. Olin, New York, N. Y.
Application February 17, 1948, Serial No. 8,870
3 Claims. (Cl. 248—33)

1. A picture frame, a substantially triangular block member fixedly secured to the back of the latter, a prop turnably attached to said block member, and means for securing the picture frame, the block member and the prop together, said prop and block member having their engaging surfaces formed at an angle, whereby the prop, when swung from a position of support through a 180 degree angle, will lie parallel to

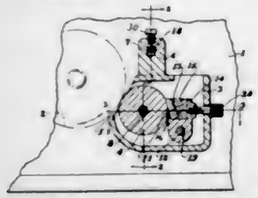


and in flat engagement with the back of the picture frame.

2,449,908
PREPARATION OF 2-AMINO-4-METHYL PYRIMIDINE
Charles Prevost, Paris, France, assignor to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France, a French company
No Drawing. Application January 2, 1946, Serial No. 638,713. In France May 26, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires May 26, 1964
6 Claims. (Cl. 260—251)

1. Process for the preparation of 2-amino-4-methyl-pyrimidine which comprises condensing 1-butynone-3 with a guanidine salt, and recovering the 2-amino-4-methyl pyrimidine produced in the said condensation.

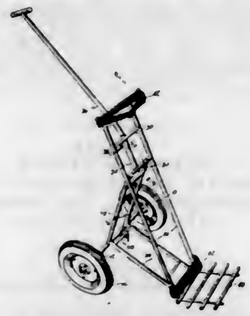
2,449,909
INK RESERVOIR FOR MARKING MACHINES
David F. Putnam, Keene, and Charles H. Cheeseman, Marlboro, N. H., assignors to Markem Machine Company, Keene, N. H., a corporation of New Hampshire
Application September 20, 1945, Serial No. 617,460
3 Claims. (Cl. 101—364)



1. An inking mechanism for marking machines comprising an ink roll, a housing member having an open side, a combined ink-reservoir and doctor member situated within the housing and provided in its upper side with an open-topped ink-containing chamber, one side wall of which is lower than the other side walls, said lower side wall presenting at its top a knife edge, means supporting the ink roll within the housing but entirely outside of said ink-containing reservoir and in a position to project slightly through the open side of the housing and with the plane of the knife edge top of said lower wall having a tangential relation to the cylindrical peripheral surface of the ink roll, means to rotate the roll in a direction to cause the surface

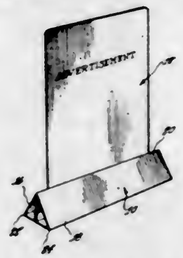
thereof above the wall to move downwardly towards said knife edge, the latter constituting a doctor element which gages the thickness of the ink film adhering to the wall, and means pivotally supporting the combined ink-reservoir and doctor element for adjustment about an axis parallel to that of the ink roll thereby to vary the thickness of said ink film.

2,449,910
FOLDING GOLF CLUB CART
William Quiring, Wichita, Kans., assignor to Quiring-Owston, Inc., Wichita, Kans., a corporation of Kansas
Application November 5, 1945, Serial No. 626,593
3 Claims. (Cl. 280—36)



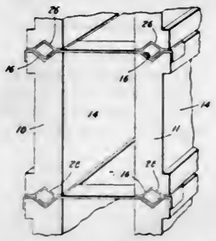
1. A cart of the kind specified comprising a wheel and axle unit; a bed to receive the article being carted; framework on the said unit for mounting the bed in an inclined position, said bed having the framework swingably secured thereto for collapsing into substantially the same plane therewith, said framework having a normally horizontal portion, and a normally vertical portion diverging from a point of attachment with the axle of the said unit; and common means for securing the framework to the axle and securing together the proximal ends of said portions, said vertical portion having laterally extending stub pins thereon, said horizontal portion having open end tubular members for receiving said stub pins.

2,449,911
FOLDABLE DISPLAY DEVICE WITH TRIANGULAR BASE
Louis H. Roth, Forest Hills, N. Y., assignor to Commanday-Roth Co., Inc., New York, N. Y., a corporation
Application June 14, 1947, Serial No. 754,626
5 Claims. (Cl. 40—124.1)



1. A display device comprising a triangular base formed of sheet material and having its sides foldably connected to each other at the apex of the base, said base having bottom parts foldably connected to said sides, respectively, at the lower ends thereof, one of said bottom parts having separate upwardly folded end portions in longitudinally spaced relation and the other of said parts having an upwardly folded end portion having a part which is exposed at the space between said spaced end portions, said base having a slot in the top thereof and said upwardly folded portions being in substantial vertical alignment with said slot, and a vertical panel upstanding from said base and extending through said slot into the base, the lower end portion of said panel being positioned at the same side of the upwardly folded portions of both of said bottom parts and secured to said first mentioned end portions and to part of said other end portion in the space between said first mentioned end portions and a positioning member for said panel foldably connected to said one of said bottom parts in position between said spaced end portions.

2,449,912
MOLD FOR FORMING CONCRETE WALLS IN SITU
Roy William Rumble, Pretoria, Transvaal, Union of South Africa
Application September 30, 1944, Serial No. 556,580
In the Union of South Africa October 5, 1943
2 Claims. (Cl. 25—131)

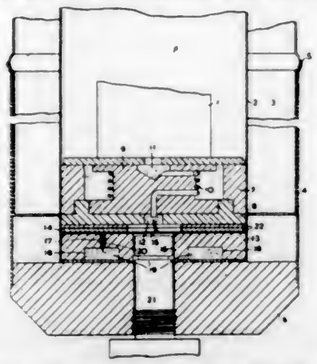


2. The combination with two shuttering walls, each composed of panels detachably assembled edgewise with waling pieces between, said waling pieces being interlocked with said edges, of cross ties extending between and interengaged with the two walls, and having their ends engaged between the waling piece and the edges of the panels, the ties providing means to engage the waling pieces above and below.

2,449,913
WATER-BORNE FLARE AND THE LIKE
Conrad David Schermuly, Alfred James Schermuly, and Charles Schermuly, Parkgate, Newdigate, England
Application June 22, 1945, Serial No. 600,952
In Great Britain April 5, 1944
1 Claim. (Cl. 102—7)

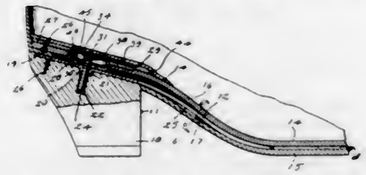
A water-borne illuminating device comprising an inner casing, illuminating means contained in said inner casing, two plates located in the lower end of said inner casing below said illuminating means, a recess in the upper of said plates, a charge of powder in said recess, a delay fuze one end of which is embedded in said charge, a primed cambric disc between said two plates, an annular recess in the lower face of the lower of said plates, a separating charge of powder in said annular recess, a piece of quickmatch connecting said cambric disc with said charge, a second piece of quickmatch connecting said cambric disc with said separating charge, a buoyancy chamber secured

to said inner casing, an outer casing enclosing the lower end of said inner casing and secured to said buoyancy chamber by a weak joint, a contact fuze in the lower end of said outer casing adapted upon actuation to ignite said cambric disc which on the one hand ignites said first piece of



quickmatch, said charge of powder and said delay fuze and on the other hand ignites said second piece of quickmatch and said separating charge, whereby said outer casing is separated from said buoyancy chamber after said delay fuze has been ignited.

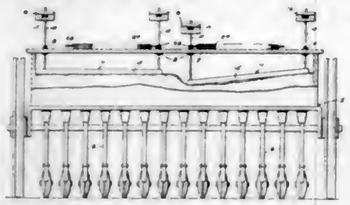
2,449,914
DETACHABLE HEEL
Harvey Simonetti, Hyattsville, Md.
Application February 21, 1947, Serial No. 729,920
6 Claims. (Cl. 36—36)



1. A shoe comprising an upper, an insole, an outsole, a heel, a plate in the rear of said shoe above said insole, said plate formed with a recess centrally thereof, said recess extending downwardly through said insole, a plate on said heel between said heel and said insole, a bolt carried by said heel extending upwardly through said latter plate and into said recess, a squared shank on said bolt in said recess, said shank formed with a groove on one side below the upper end thereof forming a hook, a bifurcated lever, a cross bar between the arms of said lever engageable in said hook, said lever extending beyond said cross bar forming a cam on said lever whereby pivotal movement of said lever in one direction about said cross bar engaged in said hook will effect locking of said heel on said shoe, and rocking of said lever in the opposite direction will permit removal of said lever from said hook and removal of said heel from said shoe.

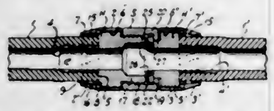
2,449,915
INDICATOR ATTACHMENT FOR PLANTERS
Herbert F. Stalder, Harper, Kans.
Application September 3, 1947, Serial No. 771,935
4 Claims. (Cl. 116—114)

1. The combination with a planter and hopper thereof having a cover, of an indicator indicating the level of the quantity of material within the hopper, said indicator embodying a follower plate, indicator rods pivotally and slidably connected to the ends of the follower plate, said cover having openings through which the rods extend above the cover visible to the operator of the planter,



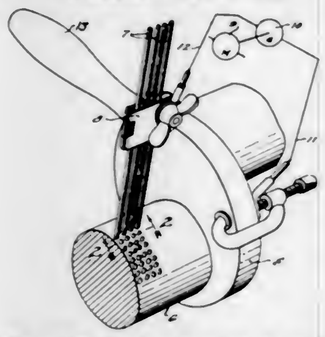
said rods indicating the level of the material within the hopper, and stops adjustably mounted on the indicator rods, said stops adapted to engage the hopper restricting downward movement of the rods, including the quantity of material in the hopper.

2,449,916
COUPLING DEVICE
William H. Tandet, Stamford, Conn.
Application September 22, 1945, Serial No. 617,982
1 Claim. (Cl. 285—86)



In a swivelled coupling sleeve for a coupling head of the type comprising a plug having an external thread and an internal bore, said plug having a forward tubular extension of said bore; the improvement comprising a disc axially mounted on said extension, said sleeve having a rearward rim located between said disc and the body of the plug, said disc being provided with an internal shoulder thereby to provide a washer seat, a washer fitted in said seat, and the forward end of said tubular extension being expanded in diameter to prevent forward motion of the disc and fitted washer.

2,449,917
SURFACE TREATMENT OF METAL
John A. Tansley, New Castle, Ind., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application March 19, 1945, Serial No. 583,481
4 Claims. (Cl. 219—15)



1. The method of preparing a surface of a metallic article for receiving a layer of metal to

be fixed thereto which comprises positioning said article and a carbon electrode in electric circuit with a source of electric energy, relatively moving said article and electrode alternately from one spaced relationship to another spaced relationship to respectively create and break an electrical arc therebetween, and subjecting successive selected areas of said surface to the arc so created under conditions of current flow sufficient to fuse the metal at said selected areas and to displace at least a portion of such fused metal into projecting relationship from other areas of said surface adjacent said selected areas.

2,449,918
SASH HARDWARE
Harry W. Valentine, deceased, late of Oakland, Calif., by Helen B. Valentine, administratrix, Berkeley, Calif.
Application June 3, 1946, Serial No. 673,944
3 Claims. (Cl. 292—74)



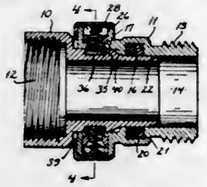
3. A sash holding device comprising a channel adapted to be sunk into the vertical rail of a window sash, a friction strip adapted to be mounted in a window casing, resilient means mounted in said channel adapted to engage said friction strip in frictional and slidable relationship, and means between said channel and said friction strip providing for mutual engagement thereof in sliding and inseparable relationship.

2,449,919
3-METHYLSULFONAMIDO-4-AMINO DIMETHYL ANILINE PHOTOGRAPHIC DEVELOPER
Arnold Weissberger, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 5, 1947, Serial No. 759,302
2 Claims. (Cl. 95—88)

1. A photographic developing solution comprising as the developing agent 3-methylsulfonamido-4-amino-dimethyl aniline.

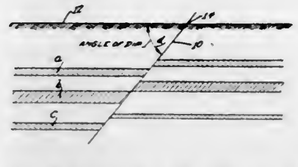
2,449,920
CONDUIT COUPLING
Eugene D. Williams, Cleveland Heights, Ohio, assignor, by mesne assignments, to Diversified Designing & Machine Products Corporation, Cleveland, Ohio, a corporation of Ohio
Application March 7, 1946, Serial No. 652,605
6 Claims. (Cl. 285—169)

1. A coupling comprising a pair of round telescoping members, the inner member having a recess leading circumferentially from the round exterior of that member and terminating at the other end in an abrupt shoulder, a radially movable detent carried by the outer member, a spring



pressing said detent inwardly, and means for forcing the detent outwardly against the action of the spring as the members are shoved together longitudinally.

2,449,921
SEISMIC METHOD OF LOCATING FAULTS
Alexander Wolf, Houston, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application December 24, 1943, Serial No. 515,486
1 Claim. (Cl. 181—0.5)

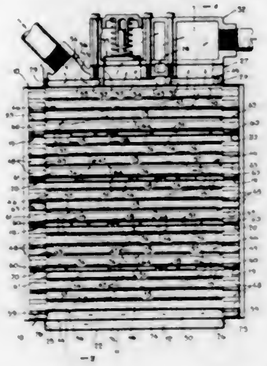


A method of locating the position of a fault in an area in which the presence of a fault is suspected, which comprises selecting a series of shot points along a line substantially at right angles to the expected strike of the fault, placing groups of seismic detectors along said line of shot points, each group of detectors being disposed substantially symmetrically with regard to its respective shot point, firing an explosive at each of said shot points, recording seismic reflections received by said detectors from substantially horizontal beds to indicate the dip and position of said beds, recording other reflections obtained while simultaneously eliminating reflections from said substantially horizontal beds, and determining, from the reflections obtained from said substantially horizontal beds and from said other reflections, the position of the fault.

2,449,922
COOLER FOR VISCOUS LIQUIDS
Soren K. Andersen, Los Angeles, Calif., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif., a corporation of California
Application March 10, 1945, Serial No. 582,080
12 Claims. (Cl. 257—128)

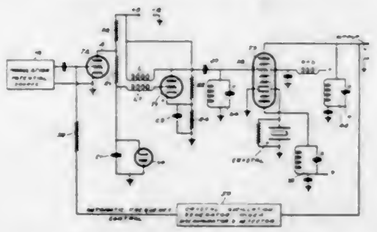
3. A cooler for liquids that are viscous when cold, comprising: a shell; means cooperating with the outer surface of said shell to define a warm up chamber from which heat may be imparted to the shell; baffle means dividing the space within the shell into a series of flow chambers, each having at least one extremity in contact with a heated area of the inner surface of the shell; liquid inlet and outlet means connected to respective chambers, said baffle means being pro-

vided with port means connecting said chambers in series between said inlet and outlet means to define a tortuous flow path through the cooler; a core comprising a bundle of parallel open ended tubes within each of said chambers, arranged in rows generally parallel to said baffle means, the majority of said tubes of each bundle being relatively closely spaced, to provide relatively restricted passages for efficient heat exchange between liquid flowing in said passages and coolant passing through said tubes; means defining be-



tween each baffle plate and an adjacent row of tubes, a continuous core penetrating free flow passage of less resistance than said restricted passages under congealment conditions in which the liquid tends to congeal upon the tubes; and means defining between the aforesaid heated areas of said shell and the adjacent tubes, peripheral free flow passages of less resistance to flow than said restricted passages connecting the said core penetrating free flow passages to said inlet and outlet means respectively.

2,449,923
TIMING MODULATION SYSTEM
Earl I. Anderson, Manhasset, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 19, 1943, Serial No. 479,738
10 Claims. (Cl. 179—171.5)



1. In a system of the class described, an oscillation generator tube having a control electrode biased beyond cutoff, a condenser and a charging circuit therefor, for applying a positive potential to said control electrode to overcome the said cutoff bias, and a discharge device in shunt to said condenser for preventing a negative charge from being built up thereacross for an appreciable period of time.

2,449,924
ROTOR FOR AXIAL POLE INDUCTION MOTORS
Leonard E. Aske, Minneapolis, Minn., assignor to General Mills, Inc., a corporation of Delaware
Application April 3, 1946, Serial No. 659,217
16 Claims. (Cl. 172—278)



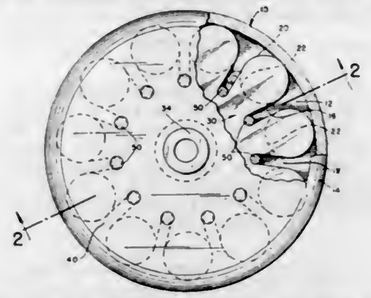
1. A disk rotor for an axial pole induction motor comprising a plurality of rotor sections each made up of a steel center having a series of radiating lobes with intermediate notches, with an enclosing concentric disk of copper or the like to accurately fit the contour of the lobes and notches, and a pair of copper end plates between which the sections are fixed, one of the plates having a series of radiating fingers bent to fit into peripheral notches in the rotor sections to tie the several sections of the rotor together.

6. A disk rotor for an axial pole induction motor comprising a plurality of rotor sections each made up of a steel center having a series of radiating lobes with intermediate notches, with an enclosing concentric disk of copper or the like to accurately fit the contour of the lobes and notches, a pair of copper end plates between which the sections are fixed, one of the plates having a series of radiating fingers bent to fit into peripheral notches in the rotor sections to tie the several sections of the rotor together, one of the plates having circular openings corresponding to each lobe of the adjacent rotor section, and steel rivets extending axially through the corresponding lobes of all the rotor sections to secure them together, each rivet having a cylindrical head projecting through the corresponding plate opening.

2,449,925
DISK TYPE ROTOR FOR AXIAL POLE INDUCTION MOTORS
Leonard E. Aske, Minneapolis, Minn., assignor to General Mills, Inc., a corporation of Delaware
Application June 25, 1946, Serial No. 679,073
9 Claims. (Cl. 172—120)

1. A disk type rotor for an axial pole induction motor comprising a plurality of rotor sections of magnetic material each made up of a series of radiating lobes separated by deep indentations, a copper sheath substantially enclosing the rotor sections, and a rivet extending through the sheath at the bottom of each indentation electrically connecting the two faces

of the sheath and firmly securing the sheath to the rotor sections, the magnetic material extend-

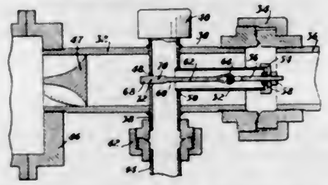


ing through openings in one of said faces of the sheath.

2,449,926
ESTERS OF ALCOHOL NONTERTIARY AMINES
Frank J. Cahn, Chicago, Ill., assignor to The Emulsol Corporation, Chicago, Ill., a corporation of Illinois
No Drawing. Application August 29, 1941, Serial No. 408,823
17 Claims. (Cl. 260—404)

1. A method of preparing hydrochloride salts of higher molecular weight aliphatic carboxylic acid esters of alcohol non-tertiary amines, substantially free of amides of said carboxylic acids with said amines, which comprises reacting a higher molecular weight aliphatic carboxylic acid acyl chloride and a hydrochloride of an alcohol non-tertiary amine in the presence of an acid catalyst.

2,449,927
ATOMIZER
John Checkon, Gary, Ind.
Application January 24, 1945, Serial No. 574,301
4 Claims. (Cl. 261—78)



4. An atomizer comprising a casing having an inlet for introducing atomizing fluid under pressure and an outlet, a transverse conduit entering said casing between said inlet and said outlet and having a discharge orifice within said casing directed toward said outlet for introducing fluid to be atomized, mounting means supported on said conduit aligned with said orifice and extending toward said inlet, and a stem loosely carried by said mounting means and having a free end portion of uniform diameter extending ahead through said orifice, said stem having a centered position in said orifice in which its axis is perpendicular to the plane of said orifice and when subjected to the stream of atomizing fluid vibrating freely and continuously from said centered position into contact with the orifice walls throughout the periphery of the orifice for preventing clogging of the orifice.

2,449,928
SYNTHETIC RUBBER PLASTICIZED WITH A COMPOSITION COMPOSED ESSENTIALLY OF AN AROMATIC HYDROCARBON OIL
Frank W. Corkery, Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa., a corporation of Pennsylvania
No Drawing. Application February 26, 1944, Serial No. 524,069
12 Claims. (Cl. 260—33.6)

1. The method of plasticizing a synthetic rubber selected from the synthetic rubbers composed of the rubbery copolymers of butadiene and acrylic nitrile and the synthetic rubbers composed of the rubbery copolymers of butadiene and styrene by working the synthetic rubber with from 5% to 35% its weight of a liquid plasticizer composed essentially of an aromatic oil purified of contaminates and approximately free of polymers higher than dimers formed from compounds found in coke oven light oil and boiling within the approximate range of 220° C. to 350° C. which has an average aniline point no higher than 25° C. by virtue of a substantial content of at least one compound of the group responding to the formula

$$R_x\text{—}A_y\text{—}R_x$$

in which "P" is a phenyl group, "A" is an aliphatic group, "R" is selected from the group consisting of alkyl and alkenyl groups, "x" is a number up to unity and "y" is a number up to unity.

2,449,929
ELASTOMER PLASTICIZING COMPOSITION COMPOSED OF COUMARONE RESIN AND AN AROMATIC HYDROCARBON OIL
Frank W. Corkery, Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa., a corporation of Pennsylvania
No Drawing. Application February 26, 1944, Serial No. 524,071
6 Claims. (Cl. 260—33.6)

1. A plasticizing and tack-imparting blend for elastomers, composed of a tack-imparting content of coumarone-indene resin melting within the approximate range of 25° C. to 120° C., and an aromatic oil formed from other compounds found in coke oven light oil and boiling within the approximate range of 220° C. to 350° C. which has an aniline point below 25° C. by virtue of a substantial content of at least one compound of the group responding to the formula

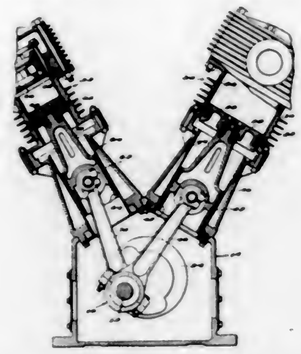
$$R_x\text{—}A_y\text{—}R_x$$

in which "P" is a phenyl group, "A" is an aliphatic group, "R" is selected from the group consisting of alkyl and alkenyl groups, "x" is a number up to unity and "y" is a number up to unity, in the blend the said aromatic oil being in a quantity adequate to give the blend an aniline point below 30° C.

2,449,930
COMPRESSOR
Paul H. Davey, Kent, Ohio
Application November 3, 1943, Serial No. 508,846
3 Claims. (Cl. 230—206)

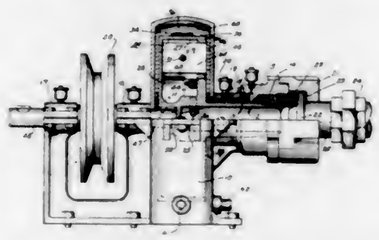
1. A compressor wherein lubricating oil is excluded from the compression chamber comprising in combination, a cylinder, a piston mounted for reciprocating movement within said cylinder, a guide cylinder aligned with said cylinder, a guide piston movable within said guide cylinder, a carbon piston ring on said piston having

graphite embedded therein for maintaining a seal between the cylinder wall and the piston, a sleeve on said guide piston formed with carbon impregnated with graphite engaging the wall of the guide cylinder, means connecting the guide piston with the first piston, a crank shaft including a crank arm, anti-friction bearings sup-



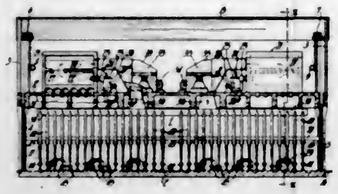
porting the crank shaft for rotation, means sealing grease within said anti-friction bearings, a rod connecting the crank arm with said guide piston, anti-friction bearings at the ends of said connecting rod, and means for maintaining grease within the last mentioned anti-friction bearings.

2,449,931
TURBINE
Julian Dematteis, Batavia, Iowa
Application May 16, 1946, Serial No. 670,057
5 Claims. (Cl. 253—91)



1. In a pressure medium turbine, a housing forming a closed exhaust chamber having exhaust ports, a rotor rotatably supported in the chamber and having a hollow shaft closed at one end, the rotor having an end wall and an outer circular rim carried by the wall, a rotor unit positioned in the rotor and comprising separable quarter sections, the sectional rotor units comprising inner and outer rings and each unit including end walls, each of which is in opposed relation with an end wall of an adjacent unit, said inner ring being in the form of a hollow manifold, curved hollow blades extending outwardly from the manifold between the inner and outer rings, said outer ring having outlet ports with which the hollow blades are in communication, said rim having ports in register with the outer ring ports for the discharge of pressure medium from the blades into the exhaust chamber, means coupling said rotor unit sections together, means for conducting pressure medium from within the hollow shaft into the manifold, and means for taking off power from said shaft.

2,449,932
METHOD OF THAWING MATERIALS
John W. Forsythe, deceased, late of Wilkinsburg, Pa., by Mary Alice Forsythe, executrix, Wilkinsburg, Pa., and Edward J. Smotzer, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application January 24, 1945, Serial No. 574,436
1 Claim. (Cl. 34—30)



A method of thawing frozen materials in railroad cars comprising subjecting a car situated in an enclosed thawing chamber to a plurality of blasts of a gaseous blend of air and products of combustion at a temperature of 500° to 750° F., continuously removing the blast gases from the chamber, blending a portion of the gases thus removed with additional air and products of combustion, continuously recirculating the resulting blend of gases to the blasts at this temperature for 5 to 15 minutes; and thereafter subjecting the car to a plurality of similarly constituted blasts at a temperature of 200° to 250° F. for a period of 5 to 20 minutes.

2,449,933
METHOD OF MAKING PHOSPHORUS- AND SULFUR-CONTAINING ORGANIC REACTION PRODUCTS
John J. Giammaria, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application November 27, 1943, Serial No. 512,036
16 Claims. (Cl. 260—139)

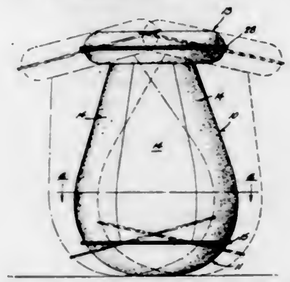
1. In the method of producing a phosphorus- and sulfur-containing organic reaction product which comprises reacting a halogenated aliphatic hydrocarbon having at least 18 carbon atoms with a phosphorus sulfide at an elevated temperature between about 125° C. and about 250° C. for a period of time to achieve the highest sulfur and phosphorus contents in said organic reaction product; the improvement which includes reacting said halogenated aliphatic hydrocarbon with said phosphorus sulfide at an elevated temperature in the presence of a Friedel-Crafts catalyst and for a period of time appreciably less than that required when the reaction is effected in the absence of a Friedel-Crafts catalyst.

6. As a new composition of matter, a phosphorus- and sulfur-containing organic reaction product obtained by reacting a halogenated aliphatic hydrocarbon having at least 18 carbon atoms with a phosphorus sulfide at an elevated temperature between about 125° C. and about 250° C. for a period of time between about 4 and about 7 hours in the presence of a Friedel-Crafts catalyst.

2,449,934
MINERAL OIL COMPOSITION
John J. Giammaria, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application August 8, 1945, Serial No. 609,719
14 Claims. (Cl. 252—46.6)

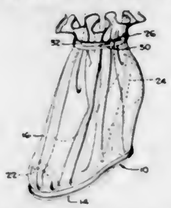
1. An improved mineral oil composition comprising a viscous mineral oil fraction having in admixture therewith a minor proportion, sufficient to inhibit said oil fraction against the deleterious effects of oxidation, of an oil-soluble, acidic, phosphorus- and sulfur-containing reaction product obtained by: reacting an alkyl halide and a phosphorus sulfide in the presence of a Friedel-Crafts catalyst at an elevated temperature between about 125° C. and about 250° C.; and separating said acidic reaction product so formed from the reaction mixture obtained in the reaction.

2,449,935
TOY FOOTBALL DUMMY
Martin John Gilman, Gilman, Conn.
Application December 10, 1947, Serial No. 790,867
4 Claims. (Cl. 273—55)



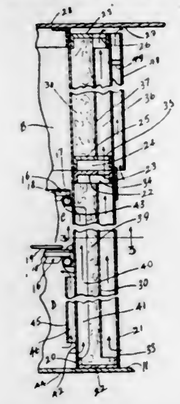
1. An inflatable toy simulating a football dummy comprising a body portion of substantially frusto-conical shape, having a rounded bottom, said body portion formed of inflatable material, weighted means connected to and following the contour of the rounded bottom for normally maintaining the body in an upright position.

2,449,936
FOOT WRAPPER
Frances K. Glasgow, Long Beach, Calif., assignor of forty per cent to Hamer H. Jamieson, Los Angeles, Calif.
Application July 11, 1947, Serial No. 760,346
2 Claims. (Cl. 36—7.1)



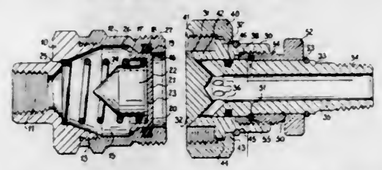
2. An overshoe comprising a sole member having a relatively flat, water impervious sole member of a size and configuration in plan substantially conforming to the bottom of a shoe, means extending upwardly from said sole member for engaging a shoe and securing said sole member to the shoe, an upper member of light, flexible, moisture resistant material secured to said sole member so as to extend upwardly from said sole member over said securing means and over the shoe and arranged to be gathered about the ankle of the wearer, and means for fastening the gathered material about the ankle of the wearer.

2,449,937
ROTARY COOKER
Richard Groetchen, Chicago, Ill.
Application October 30, 1944, Serial No. 560,982
3 Claims. (Cl. 126—273)



1. A cooker comprising a housing, a burner element arranged in said housing, said housing including a wall structure comprising inner and outer wall plates arranged in spaced relation with respect to each other and a top wall providing together with said wall structure an outlet at the upper portion of said housing, a partition arranged between said wall plates, one of said wall plates having openings at the lower end thereof communicating with passages provided by said one of said wall plates and said partition, the upper ends of the passages communicating with the outlet beneath the top wall of said housing, a packing arranged between the inner wall and said partition and having passages formed therein communicating with the interior of said housing at the lower interior portion thereof and at a point below said burner element.

2,449,938
COUPLING
Fred E. Hansen, Lakewood, Ohio
Application August 2, 1946, Serial No. 688,016
3 Claims. (Cl. 284—19)



1. In a coupling of the character described, a female member, a male member in two parts comprising a sleeve having a valve seat and a valve having a hollow stem slidable in said sleeve, a coupling nut rotatable on one of said members and adapted to be threadably connected with the

other member for coupling or uncoupling said members, a second valve in said female member spring pressed toward closed position, said second valve being engaged by the valve part of said male member when said coupling members are operatively connected, and a collar rotatably mounted on said stem and threadably connected with said sleeve for moving the stem relative to the sleeve to open the first named valve and through it the second valve to establish flow through the connected coupling.

2,449,939
WRITING INSTRUMENT
Francis Heyberger, Old Greenwich, Conn.
Application November 14, 1947, Serial No. 786,007
9 Claims. (Cl. 120—42.12)

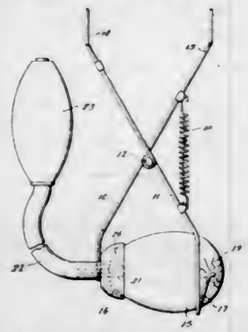


1. In a ball point pen, a tubular member, a beveled end portion forming a closure for said member, said portion being formed with a plurality of inclined sides each provided with a hole extending perpendicularly thereto and communicating with the interior of said member, the axes of said holes being skew with respect to one another and to the axis of said member, a plurality of ball-carrying tip portions each press-fitted into a respective one of said apertures and having their ball-carrying ends projecting from said end portion, and a plurality of tubes extending within said tubular member and connected to the other ends of respective tip portions, each of said tip portions having a channel communicating with the interior of a respective tube whereby ink from said tube may reach the ball-carrying end of the tip portion.

2,449,940
ORGANO-DI-SILOXANES AND METHODS OF MAKING THEM
James Franklin Hyde, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application December 16, 1944, Serial No. 568,557
11 Claims. (Cl. 260—448.2)

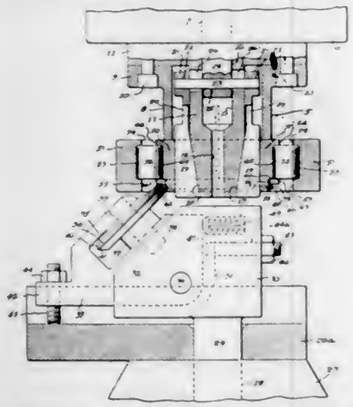
1. In the process of preparing new synthetic compositions from mono-silanes having three mono-valent hydrocarbon radicals attached to each silicon atom through carbon-silicon linkages, the remaining valence of each silicon atom being satisfied by a hydrolyzable radical selected from the class consisting of halogen and alkoxy radicals, the steps comprising mixing two of said silanes, which differ from each other with respect to the chemical composition of that portion of their molecules exclusive of said hydrolyzable radicals, hydrolyzing the mixture, intercondensing the hydrolysis products and recovering therefrom the unsymmetrical organo-disiloxane.

2,449,941
EGGSHELL REMOVER
Donald Jauhiainen, Iron River, Mich.
Application April 25, 1947, Serial No. 743,932
1 Claim. (Cl. 146—2)



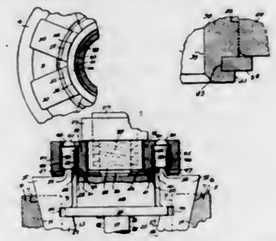
An egg shell remover comprising tongs, shell-breaking prongs formed integrally with one tong member, a hollow egg-piercing spear carried by the other tong member, a resilient bulb, a tube interconnecting the bulb and the spear, a cup-shaped member of flexible material surrounding the spear and having a radially inwardly extending flexible flap adapted to engage with an egg shell whereby to prevent the escape of air from the cup-shaped member.

2,449,942
METHOD OF MAKING ANTIFRICTION BEARING ASSEMBLIES
Glen F. Johnson, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan
Application April 25, 1945, Serial No. 590,282
4 Claims. (Cl. 29—148.4)



1. A method of making anti-friction bearing assemblies having concentrically arranged inner and outer race members with anti-friction bearing elements disposed therebetween, comprising forming the end portion of one of said race members with a land surface and an annular recess in close relation thereto, fitting said land surface with a continuous locking ring having a portion extending over said annular recess, rotating said bearing assembly and locking ring, and finally moving a spinning tool into contactual engagement with said locking ring and spinning the portion thereof extending over said recess into said recess by cold working and permanently set within the annular recess.

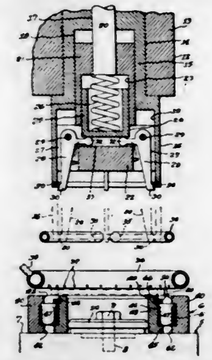
2,449,943
METHOD OF MAKING ANTIFRICTION BEARINGS
Glen F. Johnson, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan
Application April 25, 1945, Serial No. 590,283
4 Claims. (Cl. 29—148.4)



1. A method of assembling bearing units having inner and outer race members arranged concentrically in spaced relation for receiving anti-friction bearing members therebetween, comprising removing the metal adjacent the end of one of said race members to provide an annular groove therein, forming a locking ring of radially-elongated cross-section and with outer and inner diameters of dimensions adapted to slide between said race members, moving said locking ring through the space between said race members into registry with the groove in said race member, and finally exerting a ring-deforming pressure radially on one edge of said ring to deform said ring edgewise into said groove.

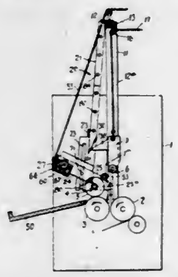
2,449,944
METHOD OF ASSEMBLING ROLLER BEARINGS AND LOCK RINGS THEREFOR
Glen F. Johnson, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan
Application April 25, 1945, Serial No. 590,284
3 Claims. (Cl. 29—148.4)

1. A method of assembling a continuous annular retaining ring of thermally-expansible material in mating relationship with a correspondingly configured recess in one of the race members of an anti-friction bearing unit, comprising forming said recess and the mating surface of said retaining ring with diametral dimensions which are substantially equal at substantially the same room temperature, moving said ring into an electrical induction heating zone spaced away from said race members, thermally expanding said ring in said induction heating zone by heating said ring to a predetermined temperature at which said ring will expand sufficiently to clear the recessed race member, moving the thus-heated and expanded ring out of said heating zone and relatively to the recessed race member into registry with said recess, and cooling said ring while holding said ring in such registry whereby to shrink said



ring into seating and mating engagement with said recess.

2,449,945
APPARATUS FOR HANDLING ROLLS OF FLEXIBLE SHEET MATERIAL
Arthur T. Lewis, Toronto, Ontario, Canada
Application February 13, 1945, Serial No. 577,686
17 Claims. (Cl. 242—66)

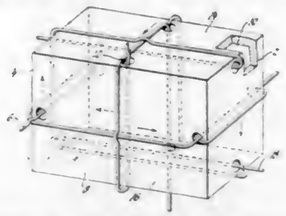


1. Roll handling apparatus for flexible sheet material winding machines, comprising means for rotatably supporting a spindle; means for rotating the spindle to wind the sheet material thereabout; means for feeding sheet material to the spindle; a suspension member; supporting means on which the suspension member is pivoted; a lever member pivotally mounted on the lower end of the suspension member and adapted to engage the spindle; and means for swinging the suspension member and lever member away from the spindle supporting means to eject the spindle from the spindle supporting means after the sheet material has been wound on the spindle.

2,449,946
METHOD AND MEANS FOR DEMAGNETIZING
Edward J. Martin, Pleasant Ridge, and Wayne T. Sproull, Detroit, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 18, 1944, Serial No. 554,576
4 Claims. (Cl. 175—181)

2. In means for effecting a time average demagnetization, separate means for creating three separate magnetic fields oriented in three mutually perpendicular planes, a source of D. C.

power, and switching means interconnecting the source and magnetizing means to sequentially



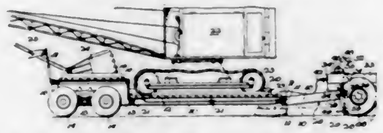
connect each of the separate magnetizing means and to reverse the polarity after each sequence.

2,449,947

HEAVY DUTY TRAILER AND TRACTOR LIFTING UNIT

Robert L. Meadows, Arlington, Va.

Application January 18, 1946, Serial No. 641,905
6 Claims. (Cl. 214—86)



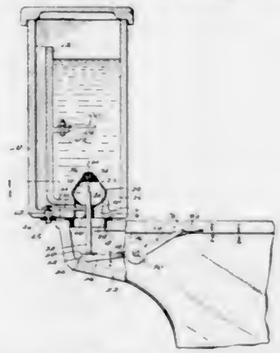
1. A heavy duty trailer having a flat platform and pairs of tandem wheels at the rear end; a reinforced tongue composed of heavy conveying beams projecting from the front end and bent to lie flat on the ground when the front is lowered for loading; a guide socket in the front end of the tongue having hitching means for connecting the trailer to a towing truck; power lifting means on the truck for raising the trailer to its towing position; and a hitch pin shaped to be guided into said socket and removably secured to said tongue.

2,449,948

FLUSH TANK MECHANISM

John S. Milne, Chicago, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York

Application July 12, 1944, Serial No. 544,488
10 Claims. (Cl. 4—13)



1. A water closet flushing mechanism comprising a bowl, a flush tank mounted thereon and communicating by gravity therewith, a valve for controlling the gravity flow of water from said tank to said bowl, and a trip lever rotatively mounted on said bowl and having an arm within said bowl for opening said valve and a handle outside said bowl for actuation by hand or foot.

2,449,949

HYDROGENATED LINEAR POLYMERS AND COPOLYMERS OF BRANCH-CHAIN HEXADIENES

Rupert C. Morris and John L. Van Winkle, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application September 4, 1944, Serial No. 552,712
4 Claims. (Cl. 260—74)

4. A clear, transparent hydrogenation product of a linear copolymer of (1) a mixture of 85% 2-methyl-1,3-pentadiene and 15% 4-methyl-1,3-pentadiene with (2) not more than 25% of a compound selected from the group consisting of styrene, alpha-methyl styrene, dichlorostyrene, and 1,3-butadiene, said copolymer having a molecular weight between 50,000 and 500,000.

2,449,950

CONNECTOR FOR BELTS

Ernest Nassimbene, Denver, Colo., assignor to Gates Rubber Company, Denver, Colo., a corporation of Colorado

Application February 13, 1945, Serial No. 577,706
1 Claim. (Cl. 24—31)



A connection for power transmission belts having a transverse layer of tension-resisting elements, comprising, a link positioned between the ends of the belt, at least one of the ends of the link facing the ends of the belt, having a transverse angular groove having opposed sides, one side of which has a key way groove extending the length thereof, a groove engaging anchoring lug attached to one end of the tension layer, said lug having substantially the same cross sectional size and shape as the groove, the side of the lug facing the side of the angular groove having the key way groove, having a corresponding key way groove, and a key positioned in the opposed key way grooves for resisting tensional forces tending to separate the lug from the link.

2,449,951

STABILIZED HEAT POLYMERIZABLE N-VINYL PYRROLE COMPOSITIONS

William O. Ney, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application February 3, 1945, Serial No. 576,155
6 Claims. (Cl. 260—315)

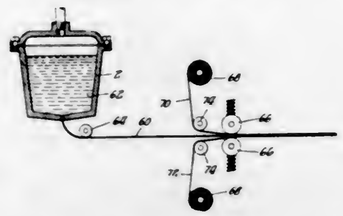
1. As a heat polymerizable N-vinyl pyrrole composition which is stabilized to polymerization in the molten state at temperatures slightly above its melting point but which may be readily polymerized by heating at temperatures above 100° C., a heat polymerizable monomeric N-vinyl pyrrole compound having a melting point below 100° C. containing an effective amount, up to 5 percent, of a compound selected from the group consisting of formamide, acetamide and acetoacetanilide to stabilize said N-vinyl pyrrole compound at temperatures slightly above its melting point.

2,449,952

METHOD OF MANUFACTURING CONDENSERS

Edwin S. Pridham, Oakland, Calif., assignor to The Magnavox Company, Fort Wayne, Ind., a corporation of Delaware

Application December 26, 1942, Serial No. 470,184
8 Claims. (Cl. 49—81)



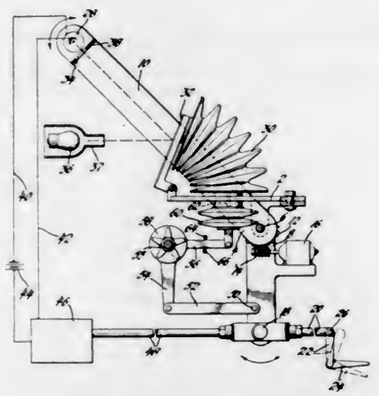
1. The method of making a static condenser which comprises drawing a thin viscous sheet of dielectric material from a melt composed mostly of titanium dioxide, contacting said viscous sheet on either side with conducting electrodes of determined area to form a condenser of definite capacity.

2,449,953

PRESSURE RESPONSIVE AUTOMATIC CONTROL

Edward V. Rippingille, Farmington, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application April 9, 1947, Serial No. 740,504
7 Claims. (Cl. 318—481)



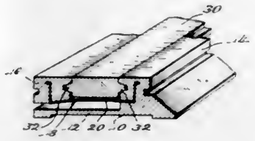
7. A pressure responsive device including a base plate, a mirror pivotally attached to said plate, a toroidal section shaped pressure sensitive element positioned between said mirror and said plate, a light source and a light receiving means located in such spaced relation with said mirror that said last mentioned means may receive light energy from said source when reflected from said mirror, a variable volume gas container attached to the plate's side opposite said pressure responsive element, a port between said chamber and said last mentioned element, means for varying the volume of said chamber to introduce a change in pressure in said element to accentuate the movement of said mirror.

2,449,954

SLIDE RULE

Ingham S. Roberts, Ridley Park, Pa.

Application March 26, 1945, Serial No. 584,813
11 Claims. (Cl. 235—70)



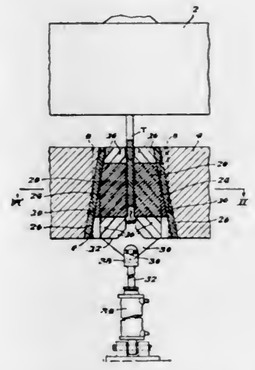
1. A slide rule comprising a slide and a fixed scale member which comprises a base portion with a fixed guideway formed thereon for one side of the slide, a movable guideway for the opposite side of the slide, said base portion extending beneath the movable guideway, and a flexible resilient support extending from the fixed guideway and carrying the movable guideway normally spaced above the base and normally in frictional engagement with the slide, whereby flexure of said support toward the base swings said movable guideway away from the fixed guideway, releasing the slide for free movement between them.

2,449,955

GRIP MECHANISM FOR TESTING MACHINES

Robert I. Sanderson, Gary, and Eugene R. Trostle, East Gary, Ind.

Application January 9, 1947, Serial No. 721,014
4 Claims. (Cl. 73—103)



1. Grip mechanism for the test piece in a tensile testing machine comprising a pair of opposed jaws, one on each side of the center line of the test piece, a gripping surface on each jaw, a wedge surface on each jaw on the side opposite the gripping surface, corresponding wedge surfaces on said machine, a sliding plate mounted in said machine along one side of both of the jaws, each of the jaws having teeth therein on the end adjacent the sliding plate, the teeth in each jaw extending at an angle from its wedge surface toward the plane of its gripping surface, the sliding plate having teeth therein meshing with the teeth in the jaws, and means for moving said sliding plate in a plane parallel to the axis of the workpiece.

2,449,956

DIALKYLCYCLOHEXYL GLYCOLS AND CERTAIN DERIVATIVES THEREOF

Edward C. Shokal, Oakland, and Rupert C. Morris, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application July 9, 1945, Serial No. 604,104
6 Claims. (Cl. 260—488)

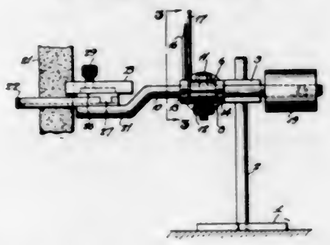
5. A compound from the group consisting of the 3,5-dialkylcyclohexyl glycols wherein the dialkylcyclohexyl group is directly attached to a carbon atom bearing one of the hydroxyl groups and wherein the two hydroxyl groups are in the 1,3-position relative to each other on carbon atoms in a side chain of at least four carbon atoms, their carboxylic acid esters, and their ethers.

2,449,957

CUTTER BIT GRINDING JIG

Hugh Smiley, Jr., Henniker, N. H.

Application September 16, 1946, Serial No. 697,312
4 Claims. (Cl. 51—238)



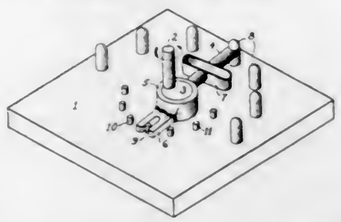
1. In a work-support for use with a grinding wheel, the combination with a stand having a vertically adjustable arm, and a head rotatably adjustable in the arm, of a longitudinally adjustable bar rotatably mounted in the head and means for clamping the head and bar in adjusted position, and a work-holder mounted on the bar in position for adjustment above and below the horizontal transverse axis of the wheel.

2,449,958

MECHANISM FOR CONVERTING ROTARY MOTION INTO APPROXIMATELY HYPOCYCLOIDAL MOTION

Francis A. Snell, Chenango Forks, N. Y.

Application March 19, 1946, Serial No. 655,403
3 Claims. (Cl. 74—112)



1. In a device of the character described, the combination of an eccentric, a member driven by the eccentric, and a plurality of guide means disposed at equal angular intervals in circular arcs about the eccentric and adapted to engage opposite extremities of the driven member in alternation and to advance said member from one guide means to the next during one revolution of the eccentric.

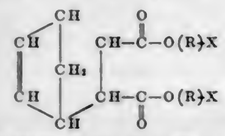
2,449,959

VINYLIDENE CHLORIDE RESIN PLASTICIZED WITH A DI-ESTER OF ENDO-METHYLENE TETRA-HYDRO PHTHALIC ACID

Hanns Peter Staudinger, Ewell, Donald Faulkner, Cambridge, and George Thomas Wright, Manchester, England, assignors to The Distillers Company Limited, Edinburgh, Scotland, a British company

No Drawing. Application January 2, 1945, Serial No. 571,110. In Great Britain December 8, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 8, 1963
6 Claims. (Cl. 260—31.8)

1. A composition of matter comprising a vinylidene chloride resin and from 1% to 30% by weight of the said resin of an organic di-ester of endo-methylene-tetrahydrophthalic acid of the formula



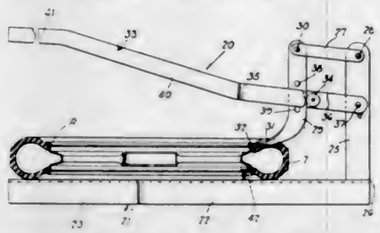
wherein the esterifying radicles R are the same and are selected from the group consisting of alkyl, alkenyl, aralkyl and alkynyl radicles, and wherein X is selected from the group consisting of hydrogen and halogen.

2,449,960

LEVER OPERATED AXIALLY SHIFTING TIRE REMOVING DEVICE

Louis A. Toles, Ridgeville Corners, Ohio

Application May 3, 1945, Serial No. 591,647
1 Claim. (Cl. 157—1.26)



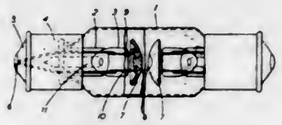
A tire tool comprising a platform, said platform being of sufficient length to support a tire and wheel assembly thereon, a standard extending upwardly from the platform, a handle having a bifurcated portion pivoted on said standard, a link pivoted to the upper end of said standard in spaced relation to said handle, a dog pivoted to and depending from the forward end of said link, passing through said bifurcated portion of the handle and having its lower end extending outwardly to form an elongated spoon to engage the upper edge of the rim of said tire, a roller in the bifurcated portion of said handle adapted to slidably contact the rear edge of said dog, pins extending outwardly of said dog adapted to contact the lower and upper edges of said handle when said handle is raised and lowered to remove the tire from said wheel.

2,449,961

ELECTRICAL PROTECTIVE DEVICE

Harold Robert Treece and Ralph Alan Wilkinson, Preston, England, assignors to Siemens Electric Lamps and Supplies Limited, Preston, England

Application April 17, 1944, Serial No. 531,400
In Great Britain May 27, 1943
5 Claims. (Cl. 250—27.5)



1. An electrical protective device comprising an envelope, a filling of inert gas therein, two spaced electrodes of iron of convex shape connected to terminals on opposite ends of the device and having the convex sides adjacent, and an aluminum insert in the face of each said electrode at their points of nearest approach.

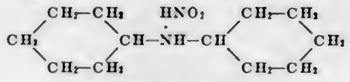
2,449,962

DICYCLOHEXYLAMMONIUM NITRITE AND ITS PREPARATION

Aaron Wachter and Nathan Stillman, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application March 26, 1946, Serial No. 657,352
4 Claims. (Cl. 260—563)

1. Dicyclohexylammonium nitrite having the structural formula

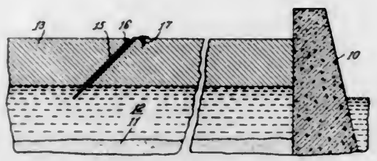


2,449,963

METHOD AND MEANS FOR PROTECTING SHORE AND OTHER STRUCTURES AGAINST DAMAGE BY ICE

Clayton N. Ward, Madison, Wis.

Application October 24, 1946, Serial No. 705,401
17 Claims. (Cl. 61—1)



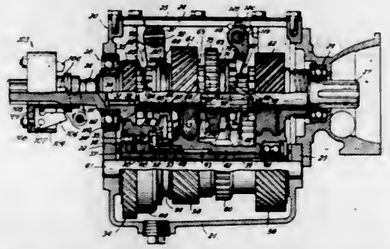
1. The method of protecting a structure in contact with the surface portion of a body of water against damage by expansion of a sheet of ice upon said water, which comprises creating a slot in said ice sheet extending across in front of the portion of said structure to be protected and downwardly in an inclined direction, and placing in said slot a substance exhibiting toward said ice a coefficient of friction substantially less than the coefficient of internal friction of said ice.

2,449,964

AUTOMATIC CHANGE-SPEED TRANSMISSION

Oscar H. Banker, Chicago, Ill., assignor to New Products Corporation, Chicago, Ill., a corporation of Delaware

Application September 19, 1940, Serial No. 357,388
32 Claims. (Cl. 74—336)



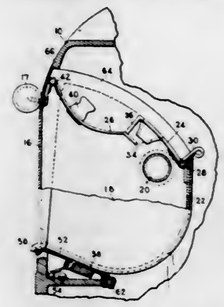
1. A change-speed transmission comprising coaxial drive and driven shafts, a countershaft, an overrunning power train drivingly disposed between the driven shaft and the countershaft, a plurality of power trains of different speed transmitting capabilities alternatively establishable between the drive shaft and the countershaft for operation in series with said drivingly disposed power train between the drive and driven shafts, the lower speed of said plurality of power trains including an overrunning clutch device in series therewith, the other of said plurality of power trains including a freely rotatable member disposed coaxially of the drive shaft, a clutch operable to connect said freely rotatable member with the drive shaft for establishing said other of the plurality of trains, and a second clutch operable to connect the freely rotatable member with the driven shaft.

2,449,965

ASH RECEPTACLE FOR ARMRESTS OF VEHICLE SEATS

Alfred B. Bell, Philadelphia, Pa., assignor to Heywood-Wakefield Company, Gardner, Mass., a corporation of Massachusetts

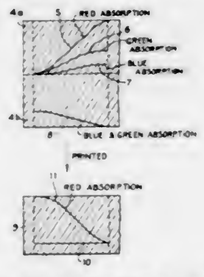
Application November 2, 1946, Serial No. 707,498
4 Claims. (Cl. 155—188)



2. An ash receptacle for a hollow arm rest of a vehicle seat or the like, comprising a box housed in said arm rest and pivotally mounted for rocking movement outward from its housed position, closure means in said box below the top thereof to form a shallow open receptacle to receive cigar ashes and the like when the box is rocked outward from its housed position, said closure means comprising two flaps hinged to

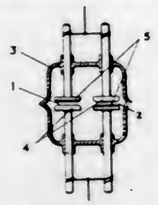
the box and rockable inward from a normal position to discharge matter thereon into the lower portion of the box, and spring means tending to rock said flaps outward, one of said flaps having its free end overlapping the free end of the other flap and having an upstanding fin arranged to engage a wall portion of the box to prevent upward rocking movement of said one flap beyond its normal position, said arm rest having a wall portion directly above the front of the box forming a lip behind which said fin engages when the box is rocked outward to limit the extent of such outward rocking movement, said pivotal connection between the box and arm rest being yielding to permit the box to be pushed down to clear the fin from the lip so that the box can be swung further outward.

2,449,966
INTEGRAL MASK FOR COLOR FILM
Wesley T. Hanson, Jr., Knoxville, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application May 3, 1944, Serial No. 533,910
7 Claims. (Cl. 95—2)



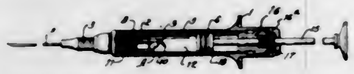
1. The method of forming a color corrected image in a photographic element having superposed silver halide emulsion layers sensitive to different regions of the visible spectrum, at least one of said layers containing a colored color coupler for color-forming development having a chromophore-containing group in the position in the coupler which is reactive with the oxidation product of a primary aromatic amino developing agent, said chromophore-containing group being split off with simultaneous conversion of the residual group of the colored coupler to coupled dye by color development to form a dye image which absorbs a major proportion of light in the spectral region of one of the primary colors and a minor proportion of light in at least one other region of the visible spectrum, said colored coupler absorbing light in at least one of said minor absorption regions but absorbing no substantial amount of light in said major absorption region, which comprises exposing said layers to light and developing at least said layer containing said colored coupler by color development with a primary aromatic amino developing agent, said color development resulting in splitting off the chromophore-containing group of said colored coupler where said dye image is formed by coupling, leaving in the undeveloped regions of said one layer colored coupler absorbing light in said minor absorption region of said dye image.

2,449,967
SPARK GAP
Frank Llewellyn Jones, Millbank, London, England, assignor to Minister of Supply, in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England
Application May 9, 1945, Serial No. 592,843
In Great Britain May 10, 1944
5 Claims. (Cl. 250—27.5)



1. A spark gap of the type referred to for operation on pulses of electromotive force of alternate polarity comprising two plate electrodes disposed parallel to one another in an envelope containing gas, said electrodes providing two polarity sensitive conducting paths for the electrical impulses between said two parallel plate electrodes, one path being sensitive to electrical impulses of one polarity and the other path sensitive to electrical impulses of the opposite polarity, the sparking potential of both paths being substantially equal.

2,449,968
HYPODERMIC SYRINGE
Arthur E. Smith, Los Angeles, Calif.
Application December 31, 1946, Serial No. 719,360
1 Claim. (Cl. 128—215)

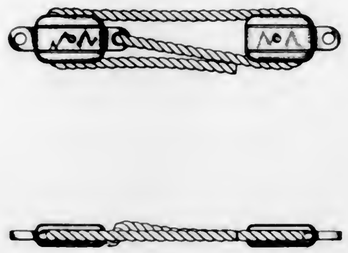


An ampule for a hypodermic syringe comprising a tube, a plastic thimble-shaped insert mountable within one end of the tube to provide therein an open-end chamber, the outer surface of said insert being slightly conical to adapt the insert to variations in the inner diameter of the tube, a plastic solvent for softening the outer surface of the insert to provide a fluid-tight bond between the insert and the inner wall of the tube, the bottom of the insert having a thin frangible margin, a soft compressible closure for said chamber, and a soft compressible closure for the opposite end of the tube.

DESIGNS

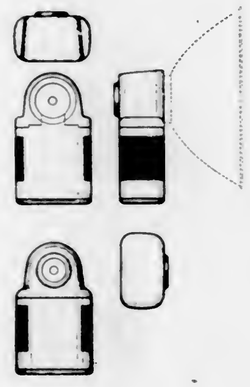
SEPTEMBER 21, 1948

151,024
DESIGN FOR A JEWELRY COMPONENT
Charles du B. Arcularius, New Canaan, Conn.
Application January 2, 1947, Serial No. 135,900
Term of patent 14 years
(Cl. D45—1)



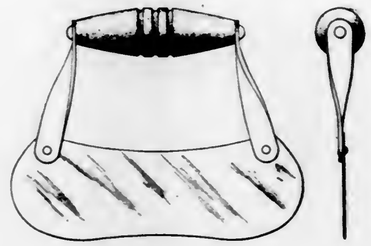
The ornamental design for a jewelry component, substantially as shown.

151,025
DESIGN FOR A FLASH LAMP HOLDER
John W. Barnes, Ann Arbor, Mich., assignor to Argus, Incorporated, Ann Arbor, Mich., a corporation of Michigan
Term of patent 14 years
(Cl. D48—24)



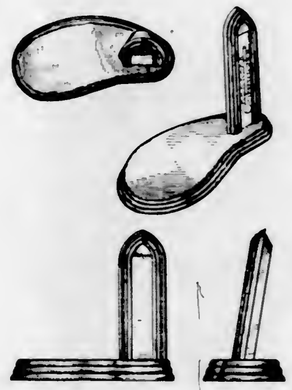
The ornamental design for a flash lamp holder, as shown and described.

151,026
DESIGN FOR A FOOD MINCER
Mario A. Besozzi, Beechhurst, N. Y.
Application October 18, 1946, Serial No. 134,039
Term of patent 3½ years
(Cl. D44—29)



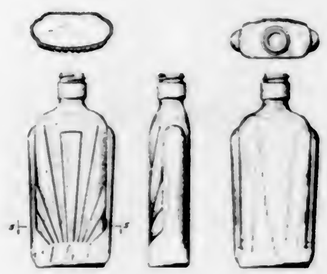
The ornamental design for a food mincer, substantially as shown.

151,027
DESIGN FOR A THERMOMETER
Boris Blecher, Philadelphia, Pa.
Application November 1, 1946, Serial No. 134,441
Term of patent 14 years
(Cl. D52—7)



The ornamental design for a thermometer, as shown and described.

151,028
DESIGN FOR A BOTTLE
William Blitzstein, Chicago, Ill., assignor to Sunset, Incorporated, Chicago, Ill., a corporation of Illinois
Application November 18, 1946, Serial No. 134,843
Term of patent 14 years
(Cl. D58—8)



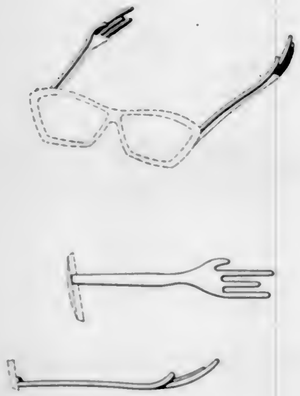
The ornamental design for a bottle, as shown.

151,029
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application December 26, 1947, Serial No. 143,367
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,030
DESIGN FOR A SPECTACLE FRAME OR SIMILAR ARTICLE
Nadja Buckley, New York, N. Y.
Application September 4, 1947, Serial No. 141,197
Term of patent 7 years
(Cl. D57—1)



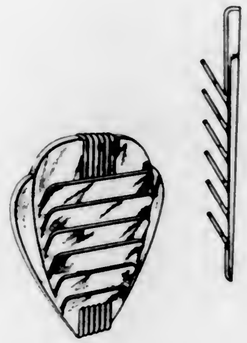
The ornamental design for a spectacle frame or similar article, substantially as shown and described.

151,031
DESIGN FOR A BROOCH OR THE LIKE
Augustus Casciano, Providence, R. I., assignor to R. M. Jordan & Company, Inc., a corporation of Rhode Island
Application December 31, 1947, Serial No. 143,469
Term of patent 3½ years
(Cl. D45—19)



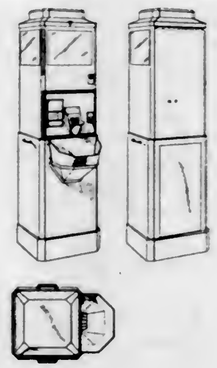
The ornamental design for a brooch or the like, substantially as shown.

151,032
DESIGN FOR A COMB HOLDER
Herbert E. Dahlen, Portland, Oreg.
Application April 3, 1947, Serial No. 138,137
Term of patent 3½ years
(Cl. D86—10)



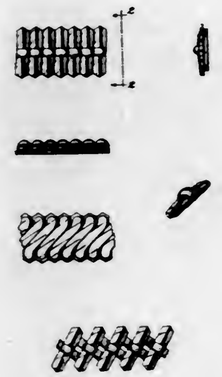
The ornamental design for a comb holder, as shown.

151,033
DESIGN FOR A POPCORN DISPENSING MACHINE
Frank P. Emerson, Los Angeles, Calif.
Application April 19, 1946, Serial No. 128,780
Term of patent 14 years
(Cl. D52—3)



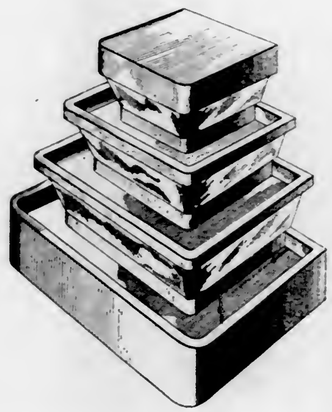
The ornamental design for a popcorn dispensing machine, substantially as shown.

151,034
DESIGN FOR AN EXPANSIBLE LINK CHAIN FOR A BRACELET OR SIMILAR ARTICLE
Emil E. Fachon, Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y., a corporation of New York
Application August 14, 1947, Serial No. 140,856
Term of patent 7 years
(Cl. D45—4)



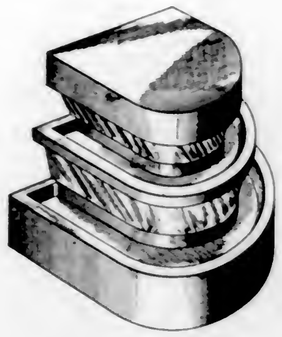
The ornamental design for an expansible link chain for a bracelet or similar article as shown.

151,035
DESIGN FOR A FROZEN FOOD STORAGE AND DISPLAY CABINET
Jacob W. P. Fleming, Memphis, Tenn.
Application April 15, 1947, Serial No. 138,402
Term of patent 14 years
(Cl. D80—11)



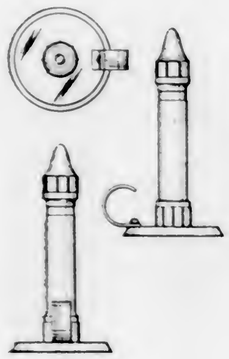
The ornamental design for a frozen food storage and display cabinet, as shown.

151,036
DESIGN FOR A FROZEN FOOD STORAGE AND DISPLAY CABINET
Jacob W. P. Fleming, Memphis, Tenn.
Application April 15, 1947, Serial No. 138,403
Term of patent 14 years
(Cl. D80—11)



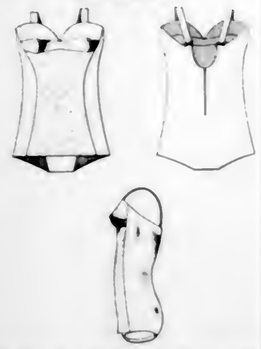
The ornamental design for a frozen food storage and display cabinet, as shown.

151,037
DESIGN FOR A LAMP
Joseph Frank, Forest Hills, and Sidney R. Geist, New York, N. Y., assignors to Gemloid Corporation, Elmhurst, Long Island, N. Y., a corporation of New York
Application April 19, 1946, Serial No. 128,791
Term of patent 3½ years
(Cl. D48—20)



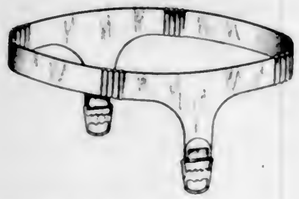
The ornamental design for a lamp, substantially as shown.

151,038
DESIGN FOR A SWIMMING SUIT
John O. Gantner, Jr., San Francisco, Calif.
Application February 24, 1947, Serial No. 137,100
Term of patent 14 years
(Cl. D3—17)



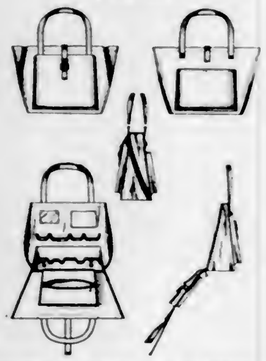
The ornamental design for a swimming suit, as shown and described.

151,039
DESIGN FOR A SUPPORTING BELT
Julius J. Goldstein, New York, N. Y.
Application July 5, 1947, Serial No. 140,112
Term of patent 7 years
(Cl. D3—10)



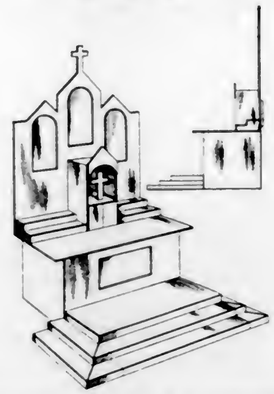
The ornamental design for a supporting belt, substantially as shown.

151,040
DESIGN FOR A BEACH BAG
Elizabeth N. Graham, New York, N. Y.
Application December 26, 1947, Serial No. 143,359
Term of patent 14 years
(Cl. D87—3)



The ornamental design for a beach bag, substantially as shown.

151,041
DESIGN FOR A PORTABLE ALTAR
Rudolph T. Gudell, North Chicago, and George A. Feeny, Chicago, Ill.
Application May 14, 1947, Serial No. 139,036
Term of patent 14 years
(Cl. D29—23)

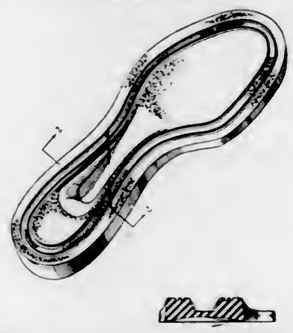


The ornamental design for a portable altar, as shown.

151,042
DESIGN FOR A BINDING STRIP FOR SHOE SOLES
Raymond B. Harrison, Dover, N. H.
Application November 17, 1945, Serial No. 123,848
Term of patent 14 years
(Cl. D7—6)

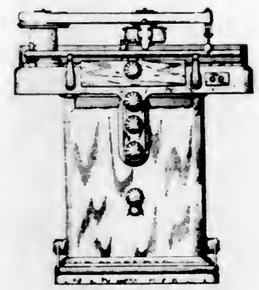
The ornamental design for a binding strip for shoe soles, substantially as shown and described.

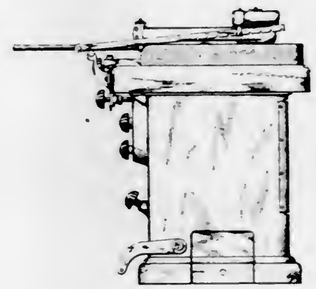
151,043
DESIGN FOR A SHOE SOLE OR SIMILAR ARTICLE
Flavius B. Hubbard, Auburn, Maine, assignor to Webster Rubber Company, Sabattus, Maine, a corporation of Maine
Application June 8, 1948, Serial No. 146,832
Term of patent 14 years
(Cl. D7—5)

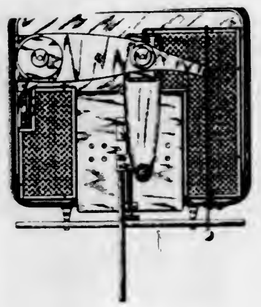


The ornamental design for a shoe sole or similar article, substantially as shown.

151,044
DESIGN FOR A ROUTING MACHINE
William F. Huck, Forest Hills, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application July 5, 1947, Serial No. 140,107
Term of patent 14 years
(Cl. D93—2)

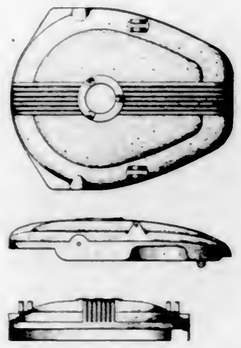






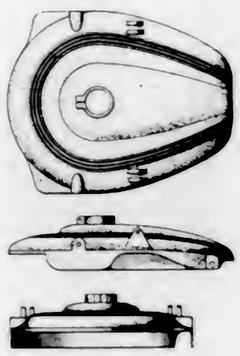
The ornamental design for a routing machine, as shown and described.

151,045
DESIGN FOR A ROTARY MOWER HOUSING
William H. Huff, Kansas City, Kans.
Application May 23, 1947, Serial No. 139,221
Term of patent 7 years
(Cl. D40—1)



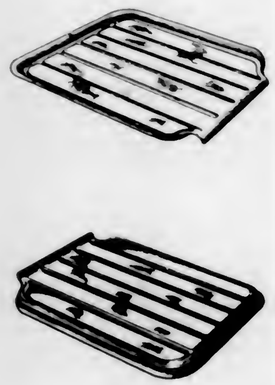
The ornamental design for a rotary mower housing, substantially as shown.

151,046
DESIGN FOR A ROTARY MOWER HOUSING
William H. Huff, Kansas City, Kans.
Application May 23, 1947, Serial No. 139,222
Term of patent 7 years
(Cl. D40—1)



The ornamental design for a rotary mower housing, substantially as shown.

151,047
DESIGN FOR A COMBINED PORTABLE DRAINBOARD, SERVING TRAY, AND COOLING RACK
Donald G. Jensen, Cincinnati, Ohio, assignor to The Cincinnati Iron Fence Company-Save-a-Sink, Cincinnati, Ohio, a joint enterprise
Application February 17, 1947, Serial No. 136,948
Term of patent 14 years
(Cl. D4—2)



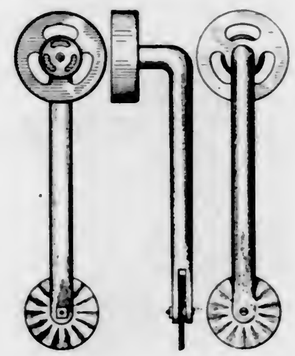
The ornamental design for a combined portable drainboard, serving tray, and cooling rack, substantially as shown and described.

151,048
DESIGN FOR A DISPLAY DISPENSER
Russell G. Jones, Reading, Mass., assignor to William B. Berry Company, Boston, Mass., a corporation of Massachusetts
Application November 22, 1946, Serial No. 135,020
Term of patent 7 years
(Cl. D52—3)



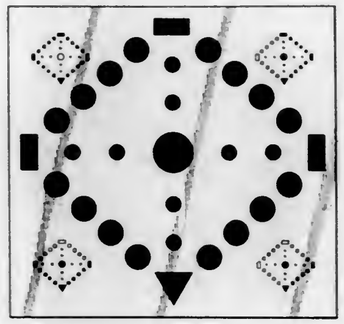
The ornamental design for a display dispenser, substantially as shown and described.

151,049
DESIGN FOR A COMBINED BISCUIT, DOUGHNUT, AND PASTRY CUTTER
Earl J. Kilgore, Evarts, Ky.
Application April 19, 1946, Serial No. 128,790
Term of patent 3½ years
(Cl. D44—29)



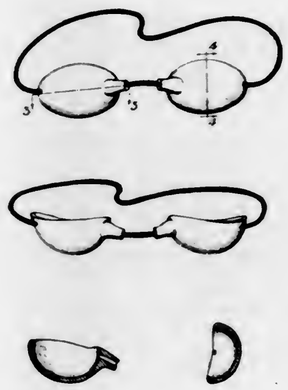
The ornamental design for a combined biscuit, doughnut, and pastry cutter, as shown.

151,050
DESIGN FOR A GAME BOARD
Don L. Kreider, Wadsworth, Ohio
Application March 17, 1947, Serial No. 137,672
Term of patent 7 years
(Cl. D34—5)



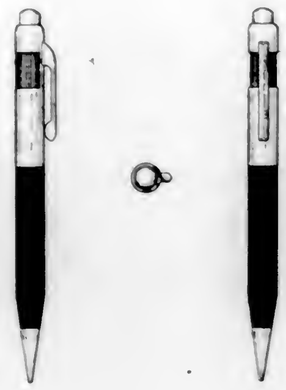
The ornamental design for a game board, as shown and described.

151,051
DESIGN FOR A PAIR OF EYESHIELD CUPS FOR SUN BATHING
Orton William Lindgren, Jr., Reading, Pa., assignor to Willson Products, Inc., Reading, Pa., a corporation of Pennsylvania
Application September 4, 1946, Serial No. 133,051
Term of patent 14 years
(Cl. D57—1)



The ornamental design for a pair of eyeshield cups for sun bathing, as shown and described.

151,052
DESIGN FOR A MECHANICAL PENCIL
Sylvester G. Lipic, Sappington, Mo.
Application May 12, 1947, Serial No. 138,990
Term of patent 14 years
(Cl. D74—24)



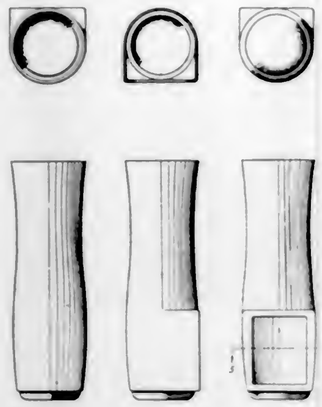
The ornamental design for a mechanical pencil, as shown.

151,053
DESIGN FOR A LIGHT SHADE FOR AN ELECTRICAL FIXTURE
Clyde D. McCann, Des Moines, Iowa
Application November 2, 1946, Serial No. 134,474
Term of patent 14 years
(Cl. D48—4)



The ornamental design for a light shade for an electrical fixture, substantially as shown.

151,054
DESIGN FOR A LIGHT SHADE FOR AN ELECTRICAL FIXTURE
Clyde D. McCann, Des Moines, Iowa
Application November 29, 1946, Serial No. 135,151
Term of patent 14 years
(Cl. D48—4)



The ornamental design for a light shade for an electrical fixture, substantially as shown.

151,055
DESIGN FOR A CHENILLE ROBE
George H. McLaughlin, New York, N. Y.
Application February 14, 1948, Serial No. 144,497
Term of patent 7 years
(Cl. D3—26)



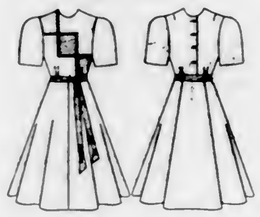
The ornamental design for a chenille robe, substantially as shown and described.

151,056
DESIGN FOR A CHENILLE ROBE
George H. McLaughlin, New York, N. Y.
Application February 14, 1948, Serial No. 144,498
Term of patent 7 years
(Cl. D3—26)



The ornamental design for a chenille robe, substantially as shown and described.

151,057
DESIGN FOR A DRESS
Mildred Macpherson, New York, N. Y.
Application January 13, 1948, Serial No. 143,705
Term of patent 3½ years
(Cl. D3—26)



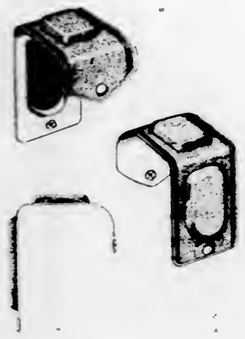
The ornamental design for a dress, substantially as shown.

151,058
DESIGN FOR A DRESS
Mildred Macpherson, New York, N. Y.
Application January 13, 1948, Serial No. 143,706
Term of patent 3½ years
(Cl. D3—26)



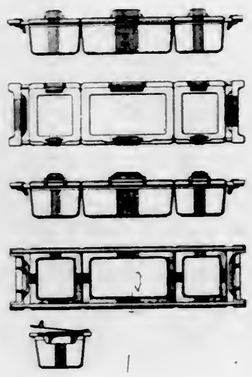
The ornamental design for a dress, substantially as shown.

151,059
DESIGN FOR A CAMERA COVER
Charles E. Main, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application October 4, 1946, Serial No. 133,768
Term of patent 14 years
(Cl. D61—1)



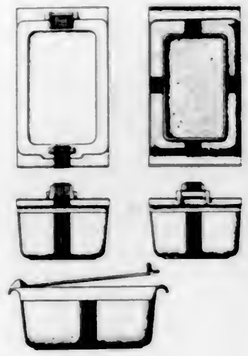
The ornamental design for camera cover, as shown.

151,060
DESIGN FOR A TOILET TRAY
Zebinia E. Marvin, Jr., Dallas, Tex.
Application April 15, 1947, Serial No. 138,422
Term of patent 3½ years
(Cl. D86—10)



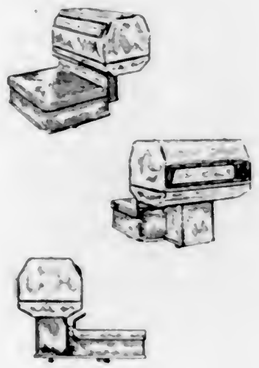
The ornamental design for a toilet tray, as shown.

151,061
DESIGN FOR A UTILITY BOX
Zebinia E. Marvin, Jr., Dallas, Tex.
Application August 25, 1947, Serial No. 141,063
Term of patent 3½ years
(Cl. D86—10)



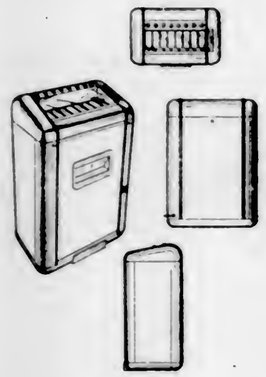
The ornamental design for a utility box, as shown.

151,062
DESIGN FOR A SCALE
David A. Meeker, Troy, and Kenneth C. Allen, Dayton, Ohio, assignors to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio
Application June 7, 1946, Serial No. 130,492
Term of patent 14 years
(Cl. D52—10)



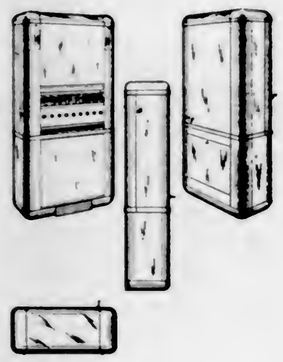
The ornamental design for a scale, substantially as shown and described.

151,063
DESIGN FOR A CANDY VENDING MACHINE
Walter E. Moore, St. Louis County, Mo., assignor to National Vendors Inc., St. Louis, Mo., a corporation of Missouri
Application November 25, 1946, Serial No. 135,070
Term of patent 14 years
(Cl. D52—3)



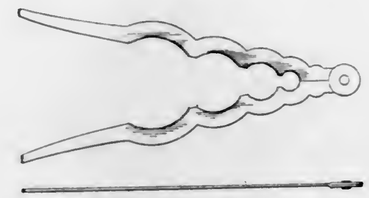
The ornamental design for a candy vending machine, substantially as shown.

151,064
DESIGN FOR A CIGARETTE VENDING MACHINE
Walter E. Moore, St. Louis County, Mo., assignor to National Vendors Inc., St. Louis, Mo., a corporation of Missouri
Application November 29, 1946, Serial No. 135,176
Term of patent 14 years
(Cl. D52—3)



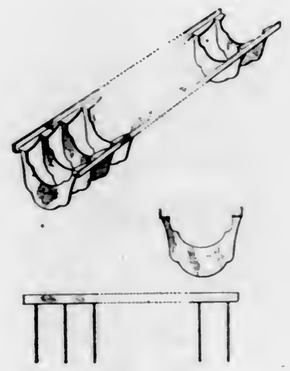
The ornamental design for a cigarette vending machine, substantially as shown.

151,065
DESIGN FOR A FRUIT JAR AND BOTTLE OPENER
Henry L. Nichols, Los Angeles, Calif.
Application May 3, 1946, Serial No. 129,283
Term of patent 14 years
(Cl. D44—29)



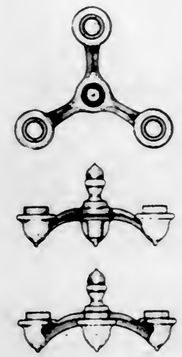
The ornamental design for a fruit jar and bottle opener, as shown.

151,066
DESIGN FOR A DIFFUSING SHIELD FOR A TUBULAR LAMP
Richard O'Connell, New York, N. Y., assignor to The Roc Industrial Corp., New York, N. Y., a corporation of New York
Application April 26, 1947, Serial No. 138,637
Term of patent 14 years
(Cl. D48—23)



The ornamental design for a diffusing shield for a tubular lamp, substantially as shown and described.

151,067
DESIGN FOR A CANDELABRUM OR SIMILAR ARTICLE
Wilbur L. Orme, Cambridge, Ohio
Application September 19, 1947, Serial No. 141,489
Term of patent 14 years
(Cl. D48—2)



The ornamental design for a candelabrum or similar article, substantially as shown.

151,068
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 29, 1947, Serial No. 140,592
Term of patent 7 years
(Cl. D45—16)



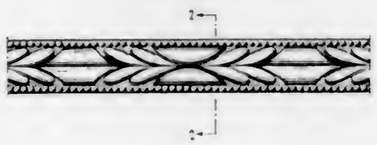
The ornamental design for a necklace or similar article, substantially as shown and described.

151,069
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,905
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

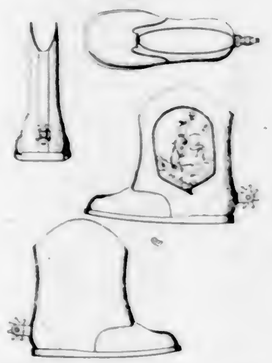
151,070
DESIGN FOR OPHTHALMIC WIRE
William A. Rohman, Attleboro, Mass.
Application November 21, 1946, Serial No. 134,976
Term of patent 14 years
(Cl. D57—1)





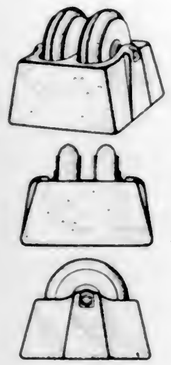
The ornamental design for ophthalmic wire, as shown.

151,071
DESIGN FOR A CHILD'S BOOT OR SIMILAR ARTICLE
Henri E. Rosen, Brookline, Mass.
Application March 25, 1947, Serial No. 137,857
Term of patent 7 years
(Cl. D7—7)



The ornamental design for a child's boot or similar article, substantially as shown and described.

151,072
DESIGN FOR A HOG OILER
George J. Saffert, New Ulm, Minn.
Application November 8, 1945, Serial No. 123,579
Term of patent 3½ years
(Cl. D12—2)



The ornamental design for a hog oiler, as shown.

151,073
DESIGN FOR A FLOOR MAINTENANCE MACHINE
Joseph Sassano, Yonkers, N. Y.
Application December 30, 1947, Serial No. 143,434
Term of patent 14 years
(Cl. D37—1)



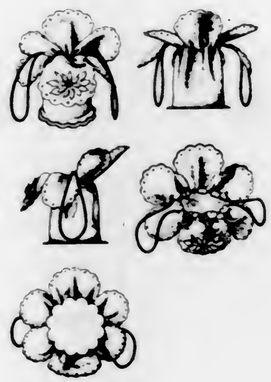
The ornamental design for a floor maintenance machine, substantially as shown.

151,074
DESIGN FOR A HEAT INSULATED STORAGE RECEPTACLE
Louis M. Schnitzer, Brooklyn, N. Y., assignor to Everlast Metal Products Corp., a corporation of New York
Application January 20, 1947, Serial No. 136,254
Term of patent 14 years
(Cl. D44—8)



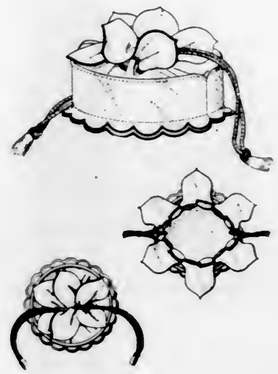
The ornamental design for a heat insulated storage receptacle, as shown and described.

151,075
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Dorris M. Scott and Evelyn Steinberg, Los Angeles, Calif., assignors to Anita-Gay Creations, Inc., Los Angeles, Calif., a corporation of California
Application December 29, 1947, Serial No. 143,394
Term of patent 14 years
(Cl. D87—3)



The ornamental design for a handbag or similar article, as shown.

151,076
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Dorris M. Scott and Evelyn Steinberg, Los Angeles, Calif., assignors to Anita-Gay Creations, Inc., Los Angeles, Calif., a corporation of California
Application May 19, 1948, Serial No. 146,456
Term of patent 14 years
(Cl. D87—3)



The ornamental design for a handbag or similar article, as shown and described.

151,077
DESIGN FOR A BAKING IRON GRID
Minnie Severson, Mapleton, and Delilah Kraske, Waseca, Minn.
Application May 23, 1947, Serial No. 139,224
Term of patent 14 years
(Cl. D81—26)



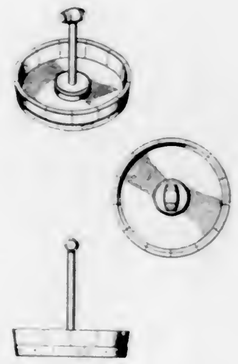
The ornamental design for a baking iron grid, as shown.

151,078
DESIGN FOR A BAKING IRON GRID
Minnie Severson, Mapleton, and Delilah Kraske, Waseca, Minn.
Application May 23, 1947, Serial No. 139,225
Term of patent 14 years
(Cl. D81—26)



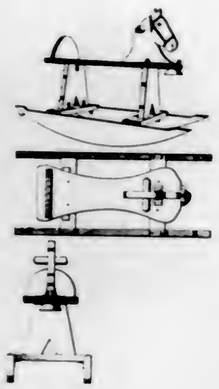
The ornamental design for a baking iron grid, as shown.

151,079
DESIGN FOR A SERVING TRAY
Victor Sherry and Harry A. Plocky, Los Angeles, and Gustave F. Plocky, South Pasadena, Calif.
Application June 24, 1946, Serial No. 130,996
Term of patent 7 years
(Cl. D44—14)



The ornamental design for a serving tray, as shown.

151,080
DESIGN FOR A HOBBYHORSE
George St. John, Ironwood, Mich.
Application April 3, 1947, Serial No. 138,143
Term of patent 14 years
(Cl. D34—15)



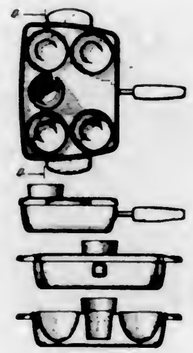
The ornamental design for a hobbyhorse, as shown.

151,081
DESIGN FOR A LINK BRACELET
Irving Stern and Hyman Stern, Brooklyn, N. Y.
Application February 20, 1948, Serial No. 144,636
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a link bracelet, as shown and described.

151,082
DESIGN FOR A FOOD WARMER AND SERVER
Clifford Brooks Stevens, Milwaukee, Wis., assignor to William P. Howlett, Chicago, Ill.
Application September 25, 1946, Serial No. 133,544
Term of patent 7 years
(Cl. D44—1)



The ornamental design for a food warmer and server, substantially as shown.

151,083
DESIGN FOR A COAT
John F. Strassner, New York, N. Y.
Application January 13, 1948, Serial No. 143,712
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a coat, substantially as shown.

151,084
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,347
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,085
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,350
Term of patent 3½ years
(Cl. D3—26)



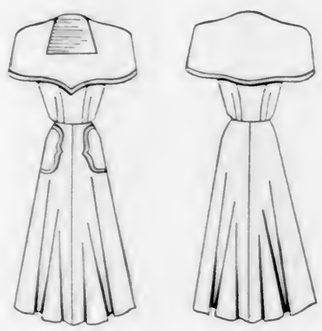
The ornamental design for a dress, substantially as shown.

151,086
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,351
Term of patent 3½ years
(Cl. D3—26)



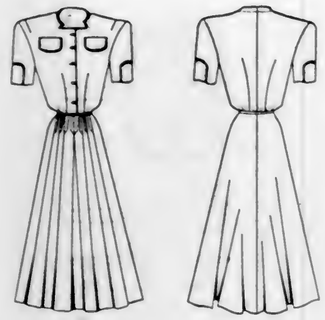
The ornamental design for a dress, substantially as shown.

151,087
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,352
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,088
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,353
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,089
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,354
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,090
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,355
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,091
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,360
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,092
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,361
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,093
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,363
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,094
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,749
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,095
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,750
Term of patent 3½ years
(Cl. D3—26)



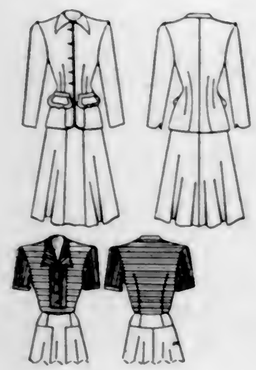
The ornamental design for a dress, substantially as shown.

151,096
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,752
Term of patent 3½ years
(Cl. D3—26)



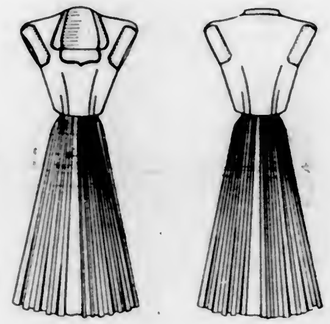
The ornamental design for a dress, substantially as shown.

151,097
DESIGN FOR A DRESS ENSEMBLE
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,756
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress ensemble, substantially as shown.

151,098
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,349
Term of patent 3½ years
(Cl. D3—26)



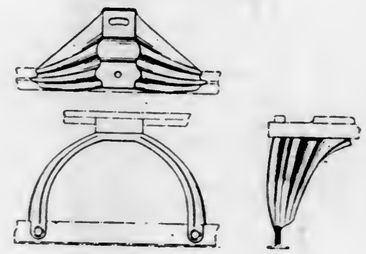
The ornamental design for a dress, substantially as shown.

151,099
DESIGN FOR A BOOTEE
Kate R. Strauss, New York, N. Y., assignor to Famous Bathrobe Co., Inc., New York, N. Y., a corporation of New York
Application May 5, 1947, Serial No. 138,820
Term of patent 14 years
(Cl. D7—7)



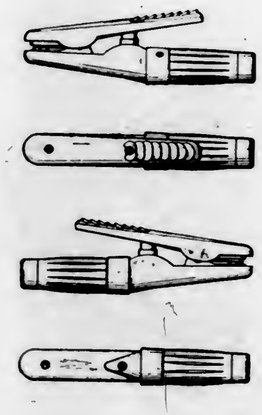
The ornamental design for a bootee, as shown.

151,100
DESIGN FOR A SLED KNEE
Carl W. Sundberg, Birmingham, Mich., assignor to Pratt Manufacturing Company, Coldwater, Mich., a copartnership
Application June 27, 1946, Serial No. 131,069
Term of patent 14 years
(Cl. D34—15)



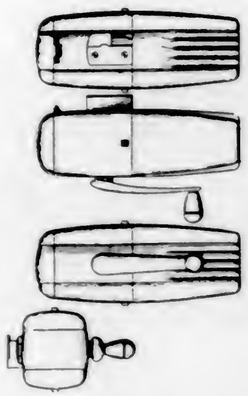
The ornamental design for a sled knee, as shown and described.

151,101
DESIGN FOR A WELDING ELECTRODE HOLDER
Clifford W. Taber, Pasadena, Calif.
Application September 2, 1947, Serial No. 141,169
Term of patent 3½ years
(Cl. D26—1)



The ornamental design for a welding electrode holder, as shown.

151,102
DESIGN FOR AN ICE CRUSHER
Henry J. Talge, Kansas City, Mo., and Albert M. Travis, Kansas City, Kans.
Application June 27, 1947, Serial No. 139,954
Term of patent 14 years
(Cl. D89—1)



The ornamental design for an ice crusher, substantially as shown.

151,103
DESIGN FOR A FRUIT JUICER
Henry J. Talge and Elton F. Whitfill, Kansas City, Mo., assignors to John C. Hockery, Kansas City, Mo., as trustee
Application May 5, 1948, Serial No. 146,194
Term of patent 14 years
(Cl. D89—1)



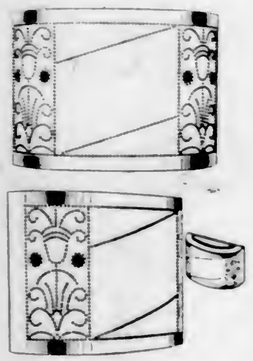
The ornamental design for a fruit juicer, substantially as shown.

151,104
DESIGN FOR A DRESS
Victor Tomshinsky, New York, N. Y.
Application June 25, 1948, Serial No. 147,175
Term of patent 3½ years
(Cl. D3—26)



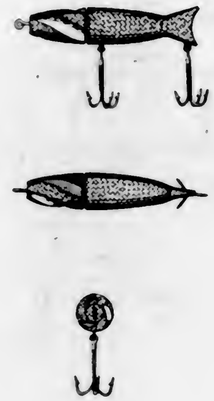
The ornamental design for a dress, substantially as shown.

151,105
DESIGN FOR A DISPLAY SIGN
Erwin C. Uihlein, Grafton, Wis., assignor to Jos. Schlitz Brewing Company, Milwaukee, Wis., a corporation of Wisconsin
Application March 13, 1946, Serial No. 127,437
Term of patent 14 years
(Cl. D1—12)



The ornamental design for a display sign, as shown and described.

151,106
DESIGN FOR A FISH LURE
Ray A. Vaughn, Cheboygan, Mich.
Application April 19, 1946, Serial No. 128,777
Term of patent 3½ years
(Cl. D31—4)



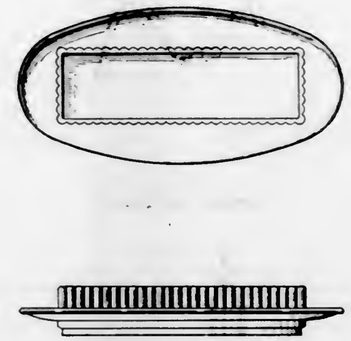
The ornamental design for a fish lure, substantially as shown and described.

151,107
DESIGN FOR A FISH LURE
Ray A. Vaughn, Cheboygan, Mich.
Application April 19, 1946, Serial No. 128,778
Term of patent 3½ years
(Cl. D31—4)



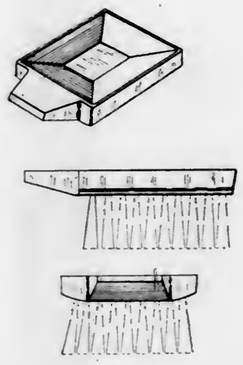
The ornamental design for a fish lure, substantially as shown and described.

151,108
DESIGN FOR A CRACKER TRAY
John W. Verduyn and Lewis M. Mason, Long Beach, Calif.; said Mason assignor to said Verduyn
Application February 24, 1947, Serial No. 137,140
Term of patent 14 years
(Cl. D44—14)



The ornamental design for a cracker tray, as shown.

151,109
DESIGN FOR A MILITARY BRUSH
Franz Wagner, Chicago, Ill., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application October 14, 1946, Serial No. 133,949
Term of patent 3½ years
(Cl. D86—10)



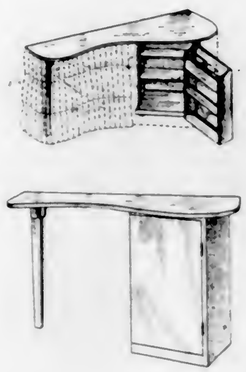
The ornamental design for a military brush, substantially as shown and described.

151,110
DESIGN FOR A BICYCLE FRAME
William H. Walker, Glendale, Calif., assignor to American Brazed Products, Los Angeles, Calif., a corporation of California
Application June 28, 1946, Serial No. 131,122
Term of patent 7 years
(Cl. D90—8)



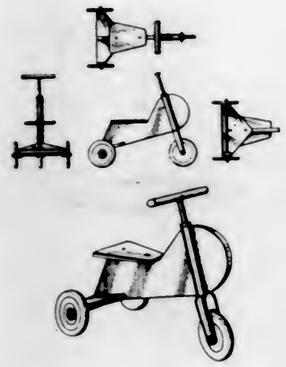
The ornamental design for a bicycle frame, as shown.

151,111
DESIGN FOR A TABLE, DESK, OR SIMILAR ARTICLE
Edwin Westlake, New York, N. Y., assignor to A. B. A. Specialties, Incorporated, New York, N. Y., a corporation of New York
Application August 8, 1946, Serial No. 132,365
Term of patent 14 years
(Cl. D33—7)



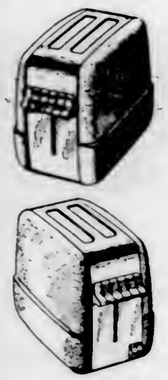
The ornamental design for a table, desk, or similar article, substantially as shown and described.

151,112
DESIGN FOR A VEHICLE TOY
Lambert A. Wise, Pittsburgh, Pa.
Application January 10, 1947, Serial No. 136,047
Term of patent 14 years
(Cl. D34—15)



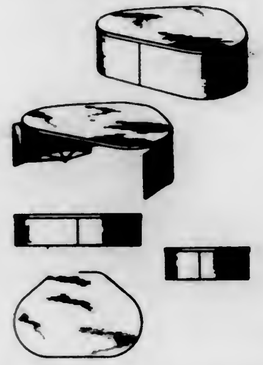
The ornamental design for a vehicle toy, as shown.

151,113
DESIGN FOR A TOASTER
Paul Yaeger, New York, N. Y., assignor to Valiant Appliances, Inc., New York, N. Y., a corporation of New York
Application August 6, 1947, Serial No. 140,737
Term of patent 14 years
(Cl. D81—10)



The ornamental design for a toaster, as shown.

151,114
DESIGN FOR AN AIRPLANE HANGAR
Dwen R. Younger, San Francisco, Calif.
Application May 23, 1947, Serial No. 139,233
Term of patent 14 years
(Cl. D13—1)



The ornamental design for an airplane hangar, substantially as shown.

151,115
DESIGN FOR A CHILD'S COMBINED FOOD WARMER AND SERVICE PLATE
Richard E. Zipser, New York, N. Y.
Application June 11, 1946, Serial No. 130,611
Term of patent 3½ years
(Cl. D44—15)



The ornamental design for a child's combined food warmer and service plate, substantially as shown.

Official Gazette

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Patents	436—No.	2,449,969 to No.	2,450,404, inclusive
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Total	890		

Patents expiring: Patent Numbers 1,824,758 to 1,825,649, inclusive, issued September 29, 1931, expire September 29, 1948

Condition of Applications Under Examination at Close of Business Sept. 10, 1948

Total number of patent applications awaiting action, 156,012. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	3-24-47	1-24-47	2858
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-2-47	8-19-46	3057
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	11-4-47	11-12-47	1450
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Disptach; Store Service; Mining, Quarrying, and Ice Harvesting.	3-3-47	2-8-47	3063
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	2-18-47	9-3-46	1850
6. SURLE, H., Carbon Chemistry (part)	10-9-47	8-23-47	1832
7. HANLIN, GEORGE, Optics; Photographic Apparatus	12-1-47	7-30-47	1707
8. LEWIS, R. O., (Acting), Furniture; Racks and Cabinets	12-4-46	8-2-46	4431
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	6-13-47	1-8-47	2268
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	12-11-47	11-19-47	1702
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	10-25-47	12-20-47	775
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	10-22-47	9-6-46	2143
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	9-9-46	2429
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	11-28-47	9-9-47	1385
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	6-14-47	2-19-47	2101
16. LOVEWELL, N. N., Television; Telephony	10-15-47	6-12-47	1496
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	3-4-47	10-9-46	2090
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	7-5-47	8-28-46	1981
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	8-14-47	1-8-47	1923
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	3-13-47	11-18-46	2044
21. MADER, R. C., Textiles	10-11-47	8-7-47	1218
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	3-7-47	11-13-46	1744
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	9-30-47	8-13-46	1226
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	9-5-47	8-9-47	2736
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	9-20-47	1-20-47	1775
26. YOUNG, R. R., Electricity—Generation and Motive Power	12-16-47	11-20-46	1333
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	6-25-47	12-4-46	3495
28. SOLYOM, H. L., Heating; Internal-Combustion Engines (part); Cylinders; Pistons	7-18-47	9-9-47	1075
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	2-8-47	1-9-47	3188
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	12-16-47	8-1-47	1308
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	12-19-47	12-18-47	2191
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	3-8-47	9-30-46	3186
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	1-8-47	9-13-46	3528
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	1-17-47	8-19-46	1548
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	6-5-47	10-21-46	3278
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11-4-46	9-14-46	1966
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	10-18-47	2-7-47	1408
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	6-18-47	5-1-47	1880
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	3-7-47	7-19-46	3001
40. DRUMMOND, E. J., Receptacles (part); Packages	10-23-47	11-4-46	3284
41. HERTZ, M., Check-controlled Apparatus, Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	1-8-47	9-20-46	2346
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	12-11-47	10-31-47	1186
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	11-20-47	10-30-47	1357
44. HARVEY, L. P., Refrigeration; Preserving	9-29-46	7-22-46	1129
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	2-27-47	9-26-46	2913
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	5-17-47	8-16-46	1877

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 156,012. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	12-1-47	5-29-47	2223
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	12-10-47	2-24-47	1554
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	3-27-47	5-28-47	1550
50. LEVIN, SAMUEL, Synthetic Resins	12-5-47	7-18-47	2249
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	12-10-47	5-19-47	1859
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	9-22-47	12-14-46	3874
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	3-31-47	8-9-46	3669
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	12-2-47	7-8-47	1795
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	7-18-47	6-9-47	1993
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	10-22-47	10-9-47	1064
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys.	3-25-47	8-19-46	3624
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12 27-46	10-24-46	2158
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	8-4-47	3-17-47	1996
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	12-23-47	5-16-17	1459
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-7-46	3629
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	4-14-47	9-12-46	1952
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-8-47	7-3-47	1502
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	2-9-48	2-4-48	1635
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	12-3-47	5-29-47	2115
66. LISANN, L., Geometrical Instruments	3-29-27	4-16-46	2095
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	6-24-47	4-25-47	2041
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	1-8-48	7-2-47	1477
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	5-8-47	10-14-46	1821
DESIGNS: BREHM, G. L.	1-17-47	3-3-48	7998

Total number of trade-mark applications awaiting action (including renewals and republications), 39,944. Date of oldest new application, Sept. 2, 1947; date of oldest amended application, Feb. 12, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	12-15-47	6-3-48	2985
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-16-47	3-16-48	5397
3. SUMMERS, G. S., Classes 13, 21, 23, 26	9-5-47	3-22-48	4657
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-25-47	2-13-48	4362
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	10-16-47	3-11-48	3356
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-14-47	6-21-48	3251
7. KEYS, O. M., Classes 16, 19, 55	9-2-47	3-18-48	2162
8. GEDIMAN, H. W. Renewals	7-31-48	8-17-48	62
8. GEDIMAN, H. W. Republications, All Classes	10-14-47	8-23-48	13712

LIST OF DESIGN PATENTEES

Barnes Manufacturing Co., assignee: *See*—
Thomassen, Amy L.
Biener, Charles W., Yakima, Wash. Table ornament. 151,116, Sept. 28.
Blevins, Albert C., assignor to Comet Battery Charger Company, Ltd., Dallas, Tex. Battery charging machine or similar article. 151,117, Sept. 28.
Borgerson, Birger J., Chicago, Ill. Traveling lawn sprinkler. 151,118, Sept. 28.
Comet Battery Charger Company, Ltd., assignee: *See*—
Blevins, Albert C.
Coro, Inc., assignee: *See*—
Katz, Adolph.
Eames, Charles, West Los Angeles, Calif., assignor to Evans Products Company, Detroit, Mich. Table. 151,119, Sept. 28.
Eastern Jewelry Finding Works, Inc., assignee: *See*—
Hoeckele, Karl F.
Elsinger, Louis S., Tampa, Fla. Fishing reel. 151,120, Sept. 28.
Erickson, Clifford E., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone desk unit. 151,121, Sept. 28.
Evans Products Company, assignee: *See*—
Eames, Charles.
Firth, Harry, Toronto, Ontario, Canada. Combined tail light and end piece for motorcycle fenders. 151,122, Sept. 28.
Florence Stove Company, assignee: *See*—
Kruck, Ralph E.
Giovagnoni, Violet, New York, N. Y. Negligee. 151,123, Sept. 28.
Goodes, George, Jersey City, N. J. Lolly pop. 151,124, Sept. 28.
Gordon, Eli, and H. Sanders, Los Angeles, Calif. Perfume bottle. 151,125, Sept. 28.
Hettric Manufacturing Company, The, assignee: *See*—
Smith, William I.
Hilenski, Ferdinand A., Salem, Mass. Support for a soap tray or the like. 151,126, Sept. 28.
Hodge, G. Howard, New York, N. Y. Hat. 151,127, Sept. 28.
Hodge, G. Howard, New York, N. Y. Hat. 151,128, Sept. 28.
Hodge, G. Howard, New York, N. Y. Hat. 151,129, Sept. 28.
Hoeckele, Karl F., Newark, N. J., assignor to Eastern Jewelry Finding Works, Inc. Ear clip finding. 151,130, Sept. 28.
Hygrade Industries, Inc., assignee: *See*—
Wolanske, Raymond.
Kadleck, Lewis L., Fort Worth, Tex. Door pull. 151,131, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,132, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,133, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,134, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,135, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,136, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,137, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,138, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,139, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,140, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,141, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,142, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,143, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,144, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,145, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,146, Sept. 28.
Katz, Adolph, Providence, R. I. Brooch or similar article. 151,147, Sept. 28.
Katz, Adolph, Providence, R. I. Earring or similar article. 151,148, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,149, Sept. 28.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,150, Sept. 28.
Katz, Adolph, Providence, R. I. Separable brooch or similar article. 151,151, Sept. 28.
Katz, Adolph, Providence, R. I. Earring or similar article. 151,152, Sept. 28.
Katz, Adolph, Providence, R. I. Earring or similar article. 151,153, Sept. 28.
Katz, Adolph, Providence, R. I. Earring or similar article. 151,154, Sept. 28.
Kellogg Switchboard & Supply Company, assignee: *See*—
Erickson, Clifford E.
Koski, Olaf D., Seattle, Wash. Sun-bathing awning. 151,155, Sept. 28.
Kruck, Ralph E., Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass. Heater. 151,156, Sept. 28.
Kruck, Ralph E., Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass. Heater. 151,157, Sept. 28.
Kruck, Ralph E., Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass. Heater. 151,158, Sept. 28.
Macksoud, Alice, New York, N. Y. Negligee. 151,159, Sept. 28.
Manca, Milo J., Seattle, Wash. Fruit holder. 151,160, Sept. 28.
McCann, Clyde D., Des Moines, Iowa. Mounting bracket for an electrical fixture. 151,161, Sept. 28.
Metz, J. L., Furniture Company, assignee: *See*—
Metz, Jerome L.
Metz, Jerome L., Chicago, Ill., assignor to J. L. Metz Furniture Company, Hammond, Ind. Table. 151,162, Sept. 28.
Pennino, Oreste, New York, N. Y. Brooch or similar article. 151,163, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,164, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,165, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,165, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,166, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,167, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,168, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,169, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,170, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,171, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,172, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,173, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,174, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,175, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Clip or similar article. 151,176, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,177, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,178, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,179, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,180, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,181, Sept. 28.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,182, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,183, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,184, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,185, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 151,186, Sept. 28.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,187, Sept. 28.
Price, Edward V. and V. E., Van Nuys, Calif. Stool, or similar article. 151,188, Sept. 28.
Price, Veronica E.: *See*—
Price, Edward V. and V. E.
Rausch, John T., and G. Towne, Danville, Ill. Combined stand, electric heater, and fan 151,189, Sept. 28.
Reiter, George, New York, N. Y. Coat. 151,190, Sept. 28.
Reiter, George, New York, N. Y. Suit. 151,191, Sept. 28.
Roe, Harry, Kansas City, Mo. Bottle drainer. 151,192, Sept. 28.
Sanders, Henry: *See*—
Gordon, Ell, and Sanders.
Scarne, John, Fairview, N. J. Game board. 151,193, Sept. 28.
Schultz, Benjamin, New York, N. Y. Suit. 151,194, Sept. 28.
Schultz, Benjamin, New York, N. Y. Suit. 151,195, Sept. 28.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Swing end frame. 151,196, Sept. 28.
Strassner, John F., New York, N. Y. Dress ensemble. 151,197, Sept. 28.
Taylor, Robert H., Brooklyn, N. Y. Finger ring. 151,198, Sept. 28.
Thomssen, Amy L., Toledo, assignor to Barnes Manufacturing Co., Mansfield, Ohio. Tub filler with transfer unit for diverting water to shower. 151,199, Sept. 28.
Towne, George: *See*—
Rausch, John T., and Towne.
Trafari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Trifari, Krussman & Fishel, Inc.: *See*—
Philippe, Alfred.
Wescott, Harvey M., South Westport, Mass. Bowling game board. 151,200, Sept. 28.
Wescott, Harvey M., South Westport, Mass. Rack pool board. 151,201, Sept. 28.
Wolanske, Raymond, North Tonawanda, assignor to Hygrade Industries, Inc., Buffalo, N. Y. Cigarette lighter. 151,202, Sept. 28.
Wolff, Saul K., Long Beach, N. Y. Wall shelf or similar article. 151,203, Sept. 28.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 28TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

ATF Incorporated, assignee: *See*—
Thompson, Harold L., and King.
Adams, Kenneth H.: *See*—
Doelling, George L., and Adams.
Ainsworth, Harold W., Galloway, Ohio, assignor to The Jeffrey Manufacturing Company. Electric control circuit. 2,450,216, Sept. 28.
Aircraft Hydraulics, Inc., assignee: *See*—
Berger, Alexandre.
Aircraft-Marine Products, Inc., assignee: *See*—
Macy, James C.
Air Reduction Company, Incorporated, assignee: *See*—
Heindbrink, Jay A.
Albert, Daniel A., Richmond Hill, N. Y. Film tensioning holder for fluid processing. 2,450,178, Sept. 28.
Alcorn, Harvey A., Adair, Iowa. Teat draining tube. 2,450,217, Sept. 28.
Alexander, Peter P., assignor to Metal Hydrides Incorporated, Beverly, Mass. Method of producing lithium hydride and hydrides of other alkali metals. 2,450,266, Sept. 28.
All American Aviation, Inc., assignee: *See*—
Cotton, Robert B.
Allen, Francis P., Beaumont, Tex. Beverage device. 2,450,177, Sept. 28.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Frudden, Conrad E.
Pickslay, William M.
Aluminium Plant & Vessel Company Limited, The, assignee: *See*—
Ralph, Sydney J., and Dummett.
American Cyanamid Company, assignee: *See*—
Dixon, James K., and May.
American Steel and Wire Company of New Jersey, The, assignee: *See*—
Robbins, David S.
Scott, William H.
American Viscose Corporation, assignee: *See*—
Stanley, Richard W., and Castellan.
Anchor Chemical Company Limited, The, assignee: *See*—
Roberts, Kenneth C.
Anderson, James W., Jr., assignor to Monarch Governor Company, Detroit, Mich. Rear view mirror. 2,450,179, Sept. 28.
Andrews, Joseph F., New York, N. Y. Apparatus for reducing noise in microphone circuits. 2,449,971, Sept. 28.
Angel, Charles M., and R. A. Culbertson, Huntington, W. Va., assignors to Nathan Manufacturing Company, New York, N. Y. Water gauge. 2,450,267, Sept. 28.
Anish, Alfred W., Vestal, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic emulsions containing trinuclear iminol cyanine dyes. 2,450,390, Sept. 28.
Armstrong Cork Company, assignee: *See*—
Weber, Karl H., and Powers.
Ashburn, Harry V.: *See*—
Bergmann, Eric A., Ashburn, and Eckert.
Puryear, Oney P., and Ashburn.
Ashburn, Harry V., Glenham, and O. P. Puryear, Fishkill, assignors to The Texas Company, New York, N. Y. Texture-stable lithium base grease. 2,450,219, Sept. 28.
Ashburn, Harry V., Glenham, and O. P. Puryear, Fishkill, assignors to The Texas Company, New York, N. Y. Texture-stable lithium base grease. 2,450,220, Sept. 28.
Ashburn, Harry V., Glenham, R. S. Barnett, Beacon, and O. P. Puryear, Fishkill, assignors to The Texas Company, New York, N. Y. Shear-resistant grease. 2,450,221, Sept. 28.
Ashburn, Harry V., Glenham, R. S. Barnett, Beacon, and O. P. Puryear, Fishkill, assignors to The Texas Company, New York, N. Y. Shear-resistant grease. 2,450,222, Sept. 28.
Atlas Powder Company, assignee: *See*—
Brown, Kenneth R.
Hales, Ralph A.
Atwood, Edwin H.: *See*—
Payne, John W., Valas, Atwood, and Bergstrom.
Austin, Frank, Long Beach, Calif. Sucker rod backoff wheel. 2,450,103, Sept. 28.
Avila, Frank W., Fort Wayne, Ind., assignor to International Harvester Company. Multiple-speed axle. 2,450,073, Sept. 28.
Bailey Meter Company, assignee: *See*—
Wise, Frederic E.
Bamford, William P.: *See*—
Pearse, John P., and Bamford.
Barber, Harry J., Gidea Park, assignor to May & Baker Limited, Dagenham, England. Method of making amino-substituted acridines. 2,450,367, Sept. 28.
Barbour, William R., Atlanta, Ga. Well reaming apparatus. 2,450,223, Sept. 28.
Barnes Motor Developments Company, assignee: *See*—
Barnes, William B.
Barnes, William B., assignor to Barnes Motor Developments Company, Muncie, Ind. Clutch operating mechanism. 2,450,391, Sept. 28.
Barnett, Robert S.: *See*—
Ashburn, Harry V., Barnett, and Puryear.
Bartholomew, Robert J., assignor to Fletcher Works Incorporated, Philadelphia, Pa. Bobbin lifter. 2,450,074, Sept. 28.
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Electroacoustical transducer. 2,450,104, Sept. 28.
Bashara, Laurence A., Portage Township, St. Joseph County, Ind. Burr-cutting tool. 2,450,075, Sept. 28.
Batchelder, George W., Mantua, and A. W. Hawkins, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for obtaining nitrogen tetroxide. 2,450,105, Sept. 28.
Baxter, Berry A., Altadena, Calif. Filter and demother. 2,450,368, Sept. 28.
Bazley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Circuit breaker. 2,450,268, Sept. 28.
Beach, Robin, Brooklyn, N. Y. Elimination of static electricity. 2,449,972, Sept. 28.
Bechberger, Paul F., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Cabin pressure control. 2,450,076, Sept. 28.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Mason, Warren P.
Bellis, Alexander, Shelton, Conn. Means for connecting cord springs to attachment plug caps. 2,450,369, Sept. 28.
Bemis Bro. Bag Company, assignee: *See*—
Bemis, Farwell G., and Pierce.
Bemis, Farwell G., Brookline, Mass., and R. E. Pierce, Seattle, Wash., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Pivoted lug conveyer. 2,450,106, Sept. 28.
Bendix Aviation Corporation, assignee: *See*—
Bechberger, Paul F.
Buxton, James E.
Emerson, John F.
Fisher, Delbert P.
Gleasman, Vernon E.
Jordan, Benjamin H.
Miller, Donald L.
Price, Earl R.
Stenberg, Thornton R.
Wirth, Emil O., and Leibing.
Bendix-Westinghouse Automotive Air Brake Company, assignee: *See*—
Eaton, Wilfred A.
Berger, Alexandre, New York, N. Y., assignor to Aircraft Hydraulics, Inc. Accumulator. 2,450,031, Sept. 28.
Berger, George E. and J. A., Two Rivers, Wis. Interchangeable toy. 2,450,326, Sept. 28.
Berger, Julia A.: *See*—
Berger, George E. and J. A.
Bergman, Charles P., Brooklyn, N. Y., assignor to Rockwell Manufacturing Company. Fluid meter. 2,449,973, Sept. 28.
Bergman, Charles P., deceased, Brooklyn, N. Y.; W. V. Elliott, administrator, assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Rotary fluid meter. 2,449,974, Sept. 28.
Bergmann, Eric A., Fishkill, N. Y., H. V. Ashburn, Waynesburg, Pa., and G. W. Eckert, Glenham, assignors to The Texas Company, New York, N. Y. Method of preparation of barium soap greases. 2,450,224, Sept. 28.
Bernabó, Cayetano, Buenos Aires, Argentina. Dropper. 2,450,225, Sept. 28.
Berstrom, Eric V.: *See*—
Payne, John W., Valas, Atwood, and Bergstrom.
Beth, Hugo W. H., assignor to Norton Company, Worcester, Mass. Pulpstone. 2,450,226, Sept. 28.
Beth, Hugo W. H., assignor to Norton Company, Worcester, Mass. Pulpstone. 2,450,227, Sept. 28.
Bieberich, Paul, Fort Wayne, Ind. Wire-drawing die lapping machine. 2,450,077, Sept. 28.
Bishop, Harold O., and D. Kirk, Jr., United States Navy. Microwave vacuum tube. 2,449,975, Sept. 28.
Bixer, Edmond P., New York, N. Y. Cloth bolt display rack. 2,450,180, Sept. 28.
Black, William C.: *See*—
Kesler, Carl C., Black, Hicks, and Owen.

Blazey, Lawrence E., Bay Village, Ohio, assignor, by mesne assignments, to Office Furniture & Fixtures, Inc., Washington, D. C. Caster unit. 2,450,228, Sept. 28.
Blohm, Herman A., Washington, D. C. Ophthalmolagist's tool. 2,450,229, Sept. 28.
Blome, Walter A.: *See*—
Gardener, Harry J., and Blome.
Boardwalk Enterprises, Inc., assignee: *See*—
Krilow, James E.
Boehlow, Robert W.: *See*—
Kommer, Fred A., and Boehlow.
Bohn, Donald L., Pittsburgh, Pa. Ignition system. 2,450,404, Sept. 28.
Bonnell, William S.: *See*—
Weinrich, William W., Holloway, and Bonnell.
Booth, Fred, Jr., assignor to Duplex Incorporated, Los Angeles, Calif. Resilient sash bearing. 2,450,078, Sept. 28.
Boots Pure Drug Company Limited, assignee: *See*—
Short, Wallace F., and Partridge.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Stabilization of terpene polymers. 2,449,970, Sept. 28.
Bostwick, Fred D., Thienaville, assignor to A. O. Smith Corporation, Milwaukee, Wis. Mixing vessel and deflector therefor. 2,450,107, Sept. 28.
Boucher, Auguste, and L. Parveau, Vignols, France. Slotting and tenoning machine. 2,450,181, Sept. 28.
Boyce, Thompson, Institute for Plant Research, Inc., assignee: *See*—
Denny, Frank E.
Breeze Corporations, Inc., assignee: *See*—
Strunk, Kenith G., and Lelek.
Bremner, John G. M., and D. G. Jones, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of heterocyclic compounds. 2,450,108, Sept. 28.
Bridge, Arthur S.: *See*—
Grace, Barnett, Ellison, Leman, Leng, and Bridge.
Briggs & Stratton Corporation, assignee: *See*—
Jacobi, Edward N.
Brinkoeter, Clinton C., assignor to Ed Friedrich, Inc., San Antonio, Tex. Walk-in refrigerator cooled by a forced air circuit. 2,450,109, Sept. 28.
Britton, Philip S.: *See*—
Wilson, Oran C., and Britton.
Brooks, Lewis C., Milwaukee, assignor of one-third to I. M. Jones, River Hills, Wis. Consumer type container. 2,450,110, Sept. 28.
Brosemer, Robert L., Sacramento, Calif. Oven feeding machine. 2,450,111, Sept. 28.
Brown, Henry T., Whiting, Ind., and R. V. Shankland, assignors to Standard Oil Company, Chicago, Ill. Preparation of spheroidal catalysts. 2,450,394, Sept. 28.
Brown, Kenneth R., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Waxy polyol etheresters. 2,450,079, Sept. 28.
Browning Laboratories, Inc., assignee: *See*—
Cann, Arthur F.
Buckholdt, Robert E., assignor to The Salem Engineering Company, Salem, Ohio. Quenching and conveying apparatus. 2,450,112, Sept. 28.
Burchett, Paul J., Glendale, Calif. Speed control device for motor vehicles. 2,450,113, Sept. 28.
Burkhardt, George R., Chicago, Ill. Noble gas metallurgy. 2,450,081, Sept. 28.
Burney, Milton, Austin, Tex. Refrigerating apparatus for cold storage cabinets. 2,450,114, Sept. 28.
Burrell, James H., and P. E. Richey, Rocky Ford, Colo. Power take-off device. 2,450,080, Sept. 28.
Burroughs, Franklin L., assignor to Sylvania Electric Products Inc., Emporium, Pa. Frequency modulation at ultra high frequencies. 2,450,182, Sept. 28.
Bush, Alonzo O., assignor to Norton Company, Worcester, Mass. Grinding wheel chuck. 2,450,230, Sept. 28.
Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Tridimensional obstacle detection system. 2,449,976, Sept. 28.
Busignies, Henri G., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Location indicating system. 2,449,977, Sept. 28.
Buxton, James E., Elmira, assignor to Bendix Aviation Corporation, Elmira, N. Y. Engine starter. 2,450,231, Sept. 28.
Byrnes, Clarence P., Fort Lauderdale, Fla. Die drawing of hollow glass blanks. 2,450,115, Sept. 28.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of beta-lactones. 2,450,116, Sept. 28.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of β-lactones. 2,450,117, Sept. 28.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of β-lactones. 2,450,118, Sept. 28.
Campbell, William J., assignor to Climax Machinery Company, Indianapolis, Ind. Joint structure. 2,450,232, Sept. 28.
Cann, Arthur F., Danvers, assignor to Browning Laboratories, Inc., Winchester, Mass. Reversely-connected electric discharge device system. 2,450,032, Sept. 28.
Carbide and Carbon Chemicals Corporation, assignee: *See*—
Cogan, Howard D., and Ketcham.
Carnegie-Illinois Steel Corporation, assignee: *See*—
Sanderson, Robert I.
Carry-Cab Corporation, assignee: *See*—
Manning, Fowler.
Carson, William F., Jr., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Isomerization of pinene to camphene. 2,450,119, Sept. 28.
Carter Carburetor Corporation, assignee: *See*—
Dulong, Roger R.
Kommer, Fred A., and Boehlow.
Casablancas High Draft Company Limited, assignee: *See*—
Noguera, Joseph.
Castellan, Carl A.: *See*—
Stanley, Richard W., and Castellan.
Cate, Paul E., Knoxville, Tenn., assignor to Robertshaw-Fulton Controls Company. Method and apparatus for bonding thin sections to heavier members. 2,450,120, Sept. 28.
Celanese Corporation of America, assignee: *See*—
Jackson, Thomas, and Hill.
Centrifix Corporation, assignee: *See*—
Wright, Bruce R.
Chabrol, Armand A., Seine, France, assignor to General Electric Company. Temperature measuring system. 2,450,269, Sept. 28.
Christian, Raymond A., J. R. Ganger, and W. L. Paden, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,450,121, Sept. 28.
Christiansen, Christian, V. Aker, near Oslo, and G. O. K. Rüsch, Mandal, Norway. Checking device for the warp threads in circular looms. 2,450,183, Sept. 28.
Cities Service Oil Company, assignee: *See*—
Morgan, John D., and Levitt.
Clark, Trevor H., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio direction finder. 2,449,978, Sept. 28.
Climax Machinery Company, assignee: *See*—
Campbell, William J.
Clive, James, Ewhurst, Guildford, England. Automobile headlamp control. 2,450,370, Sept. 28.
Clothier, Robert L., Denville, N. J. Method and device for removing rotating bands from projectiles. 2,449,979, Sept. 28.
Cluett, Peabody & Co., Inc., assignee: *See*—
Schreiner, George A.
Coates, Neligh C., Kansas City, Mo. Masonry saw. 2,450,371, Sept. 28.
Cogan, Howard D., Glenshaw, Pa., and N. H. Ketcham, Flushing, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Heat-resistant coating composition. 2,450,327, Sept. 28.
Cohen, Morris, assignor to Interstate Bakeries Corporation, Kansas City, Mo. Making jelly rolls or the like. 2,450,033, Sept. 28.
Colbert, Charles L., assignee: *See*—
Vallton, Frederick H.
Coleman, Harry E., Mount Vernon, N. Y. Air conditioning grille or register assembly. 2,450,184, Sept. 28.
Colnmbus McKinnon Chain Corporation, assignee: *See*—
Gilbert, Lowell B., and Kieffer.
Continental Can Company, Inc., assignee: *See*—
Kronquest, Alfred L., and Sedwick.
Cornell-Dubilier Electric Corporation, assignee: *See*—
Dubilier, William.
Coss, George R.: *See*—
Hahn, Paul T., and Coss.
Cotton, Robert B., Lansdowne, Pa., assignor to All American Aviation, Inc. Aircraft barrier. 2,450,328, Sept. 28.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Hydraulic mechanism, especially plural cylinder system and control therefor. 2,450,270, Sept. 28.
Craig, Burnie J., Los Angeles County, Calif. Coincidental vehicle door locking system. 2,450,372, Sept. 28.
Craig, W E: *See*—
Hester, William F., and Craig.
Crane Co., assignee: *See*—
Eckman, Harry A., and Maack.
Craven, Howard F., Redondo Beach, Calif. Hand operated rotary impact screw driver. 2,450,185, Sept. 28.
Cronin, Howard J., Glens Falls, assignor to International Paper Company, New York, N. Y. Groundwood bleaching by hydrosulfite. 2,450,034, Sept. 28.
Crumb, Charles F., Clarendon Hills, L. H. Kaupke, R. R. Raney, La Grange, and L. E. Smith, Congress Park, Ill., assignors to International Harveater Company. Pickup baler. 2,450,082, Sept. 28.
Cryns, Max P., Kansas City, Mo., assignor, by mesne assignments, to I. M. Jones, Milwaukee, Wis. Wheat germ preparation. 2,450,123, Sept. 28.
Culbertson, Robert A.: *See*—
Angel, Charles M., and Culbertson.
Cummings, Joseph R., Venice, Calif. Tiltable utensil drawer. 2,450,233, Sept. 28.
Curry, Benjamin W., Jacksonville, Fla. Turbine blower. 2,450,186, Sept. 28.
Curtiss-Wright Corporation, assignee: *See*—
Jenny, Robert W.

Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Aminoalkyl - 9,10 - dihydroanthryl ketones. 2,450,122, Sept. 28.
Damschroder, Rudolph E., and M. E. Kauffman, assignors to Eastman Kodak Company, Rochester, N. Y. Removal of photographically active ingredients from gelatin. 2,449,980, Sept. 28.
Dana Corporation, assignee: *See*—
Peterson, Carl D., and Deimel.
Dann, Charles W., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical connector. 2,450,271, Sept. 28.
Day, Irving W., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,450,187, Sept. 28.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Electromagnetic relay structure. 2,449,981, Sept. 28.
Deane, Earl C., North Kansas City, Mo. Pneumatic timing switch for electric circuits. 2,450,329, Sept. 28.
Deere & Company, assignee: *See*—
Court, Frank T.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Fastening device for cover plates. 2,450,330, Sept. 28.
De Giers, Clarence A., Forest Hills, and S. B. Osterlund, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Pointer return device. 2,450,331, Sept. 28.
De Graaf, Bastiaan, Yonkers, N. Y. Push and pull load gauge. 2,450,188, Sept. 28.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Polycarboxy esters of dimerized 9,11-linolo-diricinolein and method of making same. 2,450,332, Sept. 28.
De Groote, Melvin, University City, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Polyhydric alcohol esters. 2,450,124, Sept. 28.
De Groote, Melvin, University City, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Polyhydric alcohol esters. 2,450,333, Sept. 28.
Deimel, Albert H.: *See*—
Peterson, Carl D., and Deimel.
De Mian, Stanley B., Chicago, Ill., assignor to International Paper Company, New York, N. Y. Box. 2,450,035, Sept. 28.
Denny, Frank E., Yonkers, N. Y., assignor to Boyce Thompson Institute for Plant Research, Inc. Sprouting of buds. 2,450,036, Sept. 28.
De Rosa, Louis A., Staten Island, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio beacon. 2,449,982, Sept. 28.
Devol, George C., Greenwich, Conn., assignor to The Sperry Corporation. Coaxial line coupling. 2,449,983, Sept. 28.
Distillers Company Limited, The, assignee: *See*—
Tuerck, Karl H. W.
Dixon, James K., Riverside, and D. R. May, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of aryl substituted ethylenic compounds. 2,450,334, Sept. 28.
Doelling, George L., St. Louis, and K. H. Adams, Fenton, assignors to Mississippi Valley Research Laboratories, Inc., St. Louis, Mo. Plasticizable organic compounds plasticized with an alkoxyalkyl ether of a halonitrophenol. 2,450,272, Sept. 28.
Donahue, Patrick F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Sink strainer valve and operating mechanism therefor. 2,450,392, Sept. 28.
Donahue, Patrick F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Sink strainer valve and operating mechanism therefor. 2,450,393, Sept. 28.
Donaldson, Henry V., Glencoe, Ill., assignor to The Munising Paper Company, Munising, Mich. Treated paper liner for adhesive rolls. 2,450,083, Sept. 28.
Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. High-voltage terminal. 2,450,273, Sept. 28.
Dulong, Roger R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Governor. 2,450,037, Sept. 28.
Dummett, George A.: *See*—
Ralph, Sydney J., and Dummett.
Dunfee, H. Calvin, Miami, Fla. Game apparatus. 2,450,125, Sept. 28.
Duplex Incorporated, assignee: *See*—
Booth, Fred, Jr.
Du Pont, E. I., de Nemours & Company, assignee: *See*—
Batchelder, George W., and Hawkins.
Howk, Benjamin W., and Johnston.
Eastman Kodak Company, assignee: *See*—
Caldwell, John R.
Damschroder, Rudolph E., and Kauffman.
Hagemeyer, Hugh J., Jr.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Pressure fluid follow-up servomotor. 2,450,274, Sept. 28.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Control valve mechanism. 2,450,275, Sept. 28.
Eckert, George W.: *See*—
Bergmann, Eric A., Ashburn, and Eckert.
Eckman, Harry A., and H. W. Maack, assignors to Crane Co., Chicago, Ill. Malleable cast iron. 2,450,395, Sept. 28.
Edison, Thomas A., Incorporated, assignee: *See*—
Dann, Charles W.
Eitel-McCullough, Inc., assignee: *See*—
Gordon, Ronald, and Miller.
Elliott, William V., administrator: *See*—
Bergman, Charles P.
Ellis-Foster Company, assignee: *See*—
Wells, Franklin B.
Ellis, Victor G.: *See*—
Voss, Grace, and Ellis.
Ellison, Leslie J.: *See*—
Grace, Bertram B., Ellison, Leman, Bridge, and Leng.
Richards, Edward A., Ellison, and Gray.
Emanuel, Frederick, assignor to Eumuco (England) Limited, Barnes, London, England. Drop hammer, stamp, and the like. 2,450,189, Sept. 28.
Emerson, John F., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Electric motor servo control system. 2,450,084, Sept. 28.
Engelman, Edmund: *See*—
Master, Warren S., and Engelman.
Eumuco (England) Limited, assignee: *See*—
Emanuel, Frederick.
Eureka Williams Corporation, assignee: *See*—
Hahn, Paul T., and Coss.
Evans, Theodore W., and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Autocondensation polymers of unsaturated glycidyl ethers and method of producing same. 2,450,234, Sept. 28.
Fabian, Emil L., Vallejo, Calif. Rotary compressor lubrication. 2,450,190, Sept. 28.
Farnsworth Research Corporation, assignee: *See*—
Knox, Arthur L.
Weaver, Jerald D.
Federal Telephone and Radio Corporation, assignee: *See*—
Busignies, Henri G.
Clark, Trevor H.
De Rosa, Louis A.
Labin, Emile, and Grieg.
Litton, Charles V.
Lomholt, Carl.
Master, Warren S., and Engelman.
Newitt, John H.
Preisman, Albert.
Warner, Arthur J., and Talbot.
Feinberg, Archie S., Dallas, Tex. Mat frame for evaporative coolers. 2,450,191, Sept. 28.
Fibro-Mold Specialties, Inc., assignee: *See*—
Skolnik, Max.
Flene, Heinrich A., Johannesburg, Transvaal, Union of South Africa. Folding gocart. 2,450,373, Sept. 28.
Firestone, Linn J., assignee: *See*—
Grelck, William P. M.
Fisher, Delbert P., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid power steering mechanism. 2,450,126, Sept. 28.
Fletcher, Ed: *See*—
Slayter, Games, and Fletcher.
Fletcher Works Incorporated, assignee: *See*—
Bartholomew, Robert J.
Fogler, Benjamin B., and L. F. Marek, Lexington, assignors to Arthur D. Little, Inc., Cambridge, Mass. Process for production of oxygen. 2,450,276, Sept. 28.
Freeman, Walter C., Jr., assignor to Sylvania Electric Products Inc., Emporium, Pa. Ultra high frequency tuning unit. 2,450,192, Sept. 28.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrofluoric acid alkylation process. 2,450,038, Sept. 28.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,450,039, Sept. 28.
Friedrich, Ed, Inc., assignee: *See*—
Brinkoeter, Clinton C.
Frudden, Conrad E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Forage cutting apparatus, including rotor having pocketed blades. 2,450,277, Sept. 28.
Fuehrer, George H., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,450,278, Sept. 28.
Galliano, John B., assignor to Industrial Ideas, Inc., Oakland, Calif. Pot handle. 2,450,193, Sept. 28.
Ganger, Jesse R.: *See*—
Christian, Raymond A., Ganger, and Paden.
Gantner, John O., Jr., San Francisco, Calif. Swimming suit. 2,450,085, Sept. 28.
Gardener, Harry J., Los Angeles, and W. A. Blome, South Pasadena, Calif. Art device. 2,450,127, Sept. 28.
Gee, William P., Plainfield, N. J., assignor to Texaco Development Corporation, New York, N. Y. Fractional separation of fatty oil substances. 2,450,235, Sept. 28.
Geers, John B.: *See*—
Randall, Harold O., and Geers, and More.
Gemmell, Gordon R., Portland, Oreg. Mixing valve. 2,450,128, Sept. 28.

General Aniline & Film Corporation, assignee: *See*—
Anish, Alfred W.
Heimbach, Newton.
Thompson, Thomas R.

General Electric Company, assignee: *See*—
Bazley, Carl E.
Chabrol, Armand A.
Livingston, Orrin W.
Macintyre, John R.
Maxwell, Hugh S.
Pritchard, Franklin H.
Rowe, Robert F.
Wendt, Harry C.
Jackson, George W.

Gibbs, Harold L., Salt Lake City, Utah. Differential froth flotation of sulfide ores. 2,449,984, Sept. 28.

Gibson, William P., Plainfield, N. J., assignor to Holdall Bag Company, Inc., New York, N. Y. Combined shopping bag and handbag. 2,450,040, Sept. 28.

Gilbert, Lowell B., Kenmore, and R. J. Kieffer, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chain forming machine. 2,450,396, Sept. 28.

Gillet, Eugene C. Valenciennes, assignor to Societe Anonyme des Tubes de Valenciennes & Denain, Paris, France. Telescopic tubular prop. 2,450,374, Sept. 28.

Glaser, Mark A., Los Angeles, Calif. Adjustable retractor. 2,450,194, Sept. 28.

Gleasman, Vernon E., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,450,129, Sept. 28.

Gloess, Paul F. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Receiver for pulse waves. 2,449,985, Sept. 28.

Goodrich, B. F., Company, The, assignee: *See*—
Gresham, Thomas L.
Gresham, Thomas L., and Jansen.
Gresham, Thomas L., and Shaver.

Gordon, Ronald, San Carlos, and H. Miller, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electrical device having glass-to-metal seal. 2,450,130, Sept. 28.

Grace, Bertram B., L. J. Ellison, H. S. Leman, C. W. Leng, and A. S. Bridge, assignors to Standard Telephones and Cables Limited, London, England. Manufacture of dry contact rectifiers. 2,449,986, Sept. 28.

Grand Specialties Company, assignee: *See*—
Sasgen, Anthony M.

Grantham, William H., Magnolia, Ark. Adjustable pipe fitting assembly. 2,450,195, Sept. 28.

Gray, Frank: *See*—
Richards, Edward A., Ellison, and Gray.

Greick, William P. M., Baltimore, Md., assignor of one-half to L. J. Firestone, Arlington, Va. Food product and method of production. 2,450,335, Sept. 28.

Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of substituted acids from lactones. 2,449,987, Sept. 28.

Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of polycarboxylic acids. 2,449,988, Sept. 28.

Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-thio carboxylic acids. 2,449,989, Sept. 28.

Gresham, Thomas L., and J. E. Jansen, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Beta-acyloxy carboxylic acid compounds and methods of preparing the same. 2,449,990, Sept. 28.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-aroxy carboxylic acids. 2,449,991, Sept. 28.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-thio carboxylic acid compounds. 2,449,992, Sept. 28.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-halo carboxylic acids. 2,449,993, Sept. 28.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Beta acyloxy acyl halides from beta lactones. 2,449,994, Sept. 28.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of esters of alpha beta unsaturated carboxylic acids. 2,449,995, Sept. 28.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of sulfur containing dicarboxylic acids. 2,449,996, Sept. 28.

Grieg, Donald D.: *See*—
Labin, Emile, and Grieg.

Groves, Albert L., Farmington, Calif. Sheet metal rolling machine. 2,450,041, Sept. 28.

Gudmundsen, Austin: *See*—
McCulloch, Robert P., Ryde, and Gudmundsen.

Gulf Research & Development Company, assignee: *See*—
McCarthy, Paul R.
Weinrich, William W., Holloway, and Bonnell.

Guy, Frederick M., Detroit, Mich., assignor, by mesne assignments, to U. S. Universal Joints Company. Resilient shaft hanger. 2,450,279, Sept. 28.

Haas, Otto R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,450,043, Sept. 28.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Process for preparing β-lactones. 2,450,131, Sept. 28.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of β-lactones. 2,450,132, Sept. 28.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Process for preparing lactones. 2,450,133, Sept. 28.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of β-lactones. 2,450,134, Sept. 28.

Hager, Emil F., Queens Village, N. Y. Work support arrangement for grinding and dressing machines. 2,450,135, Sept. 28.

Hahn, Paul T., and G. R. Coss, Detroit, Mich., assignors to Eureka Williams Corporation. Convertible suction cleaner with agitator drive disengaging means. 2,449,997, Sept. 28.

Hales, Ralph A., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Preparation of phenolphthalein B,B'-diglucoside. 2,450,086, Sept. 28.

Hall, Thomas J., Betchworth, England. Electrical coupling device particularly for electric heating appliance stands. 2,450,336, Sept. 28.

Hamilton, Robert L., Birmingham, Ala. Wrist watch band. 2,450,136, Sept. 28.

Hammond, William S.: *See*—
Winslow, Fred H., and Hammond.

Hancock Manufacturing Company, assignee: *See*—
Marple, Rollo.

Hansen, John C., Avon, N. J. Modulator circuit. 2,449,998, Sept. 28.

Harlamoff, Anatol J., South Gate, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Multistage centrifugal pump. 2,450,137, Sept. 28.

Harold, Edwin P., Menasha, Wis. Antiskid chain. 2,450,042, Sept. 28.

Hartman, Aaron M., assignee, et al.: *See*—
Selden, Herman.

Hartsough, Baron, San Francisco, Calif. Tone cabinet for electric organs. 2,450,139, Sept. 28.

Harvey, Valentine P., assignor to Molins Machine Company, Limited, Deptford, London, England. Fuse-setting apparatus. 2,450,375, Sept. 28.

Harwood, Kenneth J., Neenah, Wis., assignor to International Cellucotton Products Company. Tampon applicator. 2,450,138, Sept. 28.

Hawkins, Albert W.: *See*—
Batchelder, George W., and Hawkins.

Hawley, John B., Jr., assignors to Northern Ordnance Incorporated, Minneapolis, Minn. Oil well blowing apparatus. 2,450,140, Sept. 28.

Hayden, Ernest A.: *See*—
Stone, Albert F., and Hayden.

Hays, Fred N., Edgewood, Pa. Open-flame heated continuous furnace. 2,450,087, Sept. 28.

Hearst, Frank T., Dallas, Tex. Auxiliary utility cabinet. 2,450,337, Sept. 28.

Heaton-Armstrong, Louis J., assignor to Standard Telephones and Cables Limited, London, England. Antenna system for defining glide paths. 2,449,999, Sept. 28.

Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Valve structure for controlling flow of gases through absorbers. 2,450,338, Sept. 28.

Heiligman, Harold A.: *See*—
Howard, John J., and Heiligman.

Helmbach, Newton, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. 5-hydroxy-1,3,4-triazaindolizines as stabilizers for photographic silver-halide emulsions. 2,450,397, Sept. 28.

Henderson, E. O., & Sons, assignee: *See*—
Henderson, Elden O.

Henderson, Elden O., assignor to E. O. Henderson & Sons, Oklahoma City, Okla. Open-front refrigerated display cabinet. 2,450,088, Sept. 28.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Method of making porous metal filters. 2,450,339, Sept. 28.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver base alloy for metal evaporation. 2,450,340, Sept. 28.

Hercules Powder Company, assignee: *See*—
Berglin, Joseph N.
Carson, William F., Jr.

Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Sensitive distance measurement device. 2,450,341, Sept. 28.

Hester, William F., Drexel Hill, and W. E. Craig, assignors to Röhm & Haas Company, Philadelphia, Pa. Chlorohydroxynitrophenyl sulfide. 2,450,342, Sept. 28.

Hicks, William L.: *See*—
Kesler, Carl C., Black, Hicks, and Owen.

Hiergesell, Frank O. V.: *See*—
Hiergesell, Valentine, and Frank, O. V.

Hiergesell, Valentine and F. O. V., Springfield Township, Montgomery County, Pa. Thermometer package. 2,450,089, Sept. 28.

Hill, Frank B.: *See*—
Jackson, Thomas, and Hill.

Hobbs, Bryan J., Millwood, Wash. Tool handle lock. 2,450,044, Sept. 28.

Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Portable hand light. 2,450,141, Sept. 28.

Hobbs, John W., Corporation, assignee: *See*—
Hobbs, John W.

Hoffman, Otto, Portland, Oreg. Hand propelled wheeled cultivator. 2,450,236, Sept. 28.

Holdall Bag Company, Inc., assignee: *See*—
Gibson, William P.

Holicer, John R., Shreveport, La. Slip tube gauge for liquefied petroleum gas tanks. 2,450,142, Sept. 28.

Holloway, Clark A., Jr.: *See*—
Weinrich, William W., Holloway, and Bonnell.

Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Knitting machine. 2,450,376, Sept. 28.

Homon, Albert J., Chicopee, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Method of making metal sponges. 2,450,280, Sept. 28.

Honig, Emanuel, assignee: *See*—
Zschiegner, Herbert E.

Houston, John M., Breckenridge, Tex. Brake shoe adjusting gauge. 2,450,196, Sept. 28.

Howard, Giles P. E., and A. Ivanoff, Luton, England. Centrifugal pump provided with diffuser. 2,450,143, Sept. 28.

Howard, John J., Philadelphia, and H. A. Heiligman, Norristown, assignors to E. J. Lavino and Company, Philadelphia, Pa. Treating oxide ores. 2,450,343, Sept. 28.

Howk, Benjamin W., Wilmington, and F. L. Johnston, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Emulsion polymerization of methyl methacrylate. 2,450,000, Sept. 28.

Hudson County National Bank, executor: *See*—
Rose, William H.

Hudson, Perry D., Corpus Christi, Tex. Power lift material weighing machine. 2,450,281, Sept. 28.

Humphries, Arthur J., Harrogate, England, assignor to International Standard Electric Corporation, New York, N. Y. Cross connection strip as used in telephone and like systems. 2,450,001, Sept. 28.

Hunt, William H., Bridgeport, Conn. Clamp for attaching articles to the tops of automobiles. 2,450,090, Sept. 28.

Huntley, Ernest A.: *See*—
Wolff, Harry J. D., and Huntley.

Imperial Chemical Industries Limited, assignee: *See*—
Bremner, John G. M., and Jones.

Independent Pneumatic Tool Company, assignee: *See*—
Perham, James A.

Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Abrasive machine. 2,450,237, Sept. 28.

Industrial Ideas, Inc., assignee: *See*—
Galliano, John B.

Ingersoll-Rand Company, assignee: *See*—
Fuehrer, George H.

International Cellucotton Products Company, assignee: *See*—
Harwood, Kenneth J.

International Harvester Company, assignee: *See*—
Avila, Frank W.
Crumb, Charles F., Kaupke, Raney, and Smith.
Toland, Wayne G.

International Paper Company, assignee: *See*—
Cronin, Howard J.
De Mian, Stanley B.
Smith, Arnold A.

International Standard Electric Corporation, assignee: *See*—
Busignies, Henri G.
Deakin, Gerald.
Gloess, Paul F. M.
Humphries, Arthur J.
Richards, Edward A., Ellison, and Gray.

Interstate Bakeries Corporation, assignee: *See*—
Cohen, Morris.

Ishler, Harry K., Floral Park, N. Y., assignor to Sylvania Electric Products, Inc. Electric discharge device. 2,450,197, Sept. 28.

Ivanoff, Alexander: *See*—
Howard, Giles P. E., and Ivanoff.

Jackson, George W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Antifriction screw and nut actuator. 2,450,282, Sept. 28.

Jackson, Theodore F., assignor of one-half to W. B. Keres, Rockford, Ill. Pocket toothbrush. 2,450,002, Sept. 28.

Jackson, Thomas, and F. B. Hill, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America. Apparatus for the treatment of textile strands. 2,450,045, Sept. 28.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Electrical control instrument. 2,450,144, Sept. 28.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Latch device. 2,450,145, Sept. 28.

Jansen, Jacob E.: *See*—
Gresham, Thomas L., and Jansen.

Jeffrey Manufacturing Company, The, assignee: *See*—
Ainsworth, Harold W.

Jenny, Robert W., East Paterson, assignor to Curtiss-Wright Corporation, Bloomfield, N. J. Linkage for equispacing radially guided apparatus. 2,450,046, Sept. 28.

Johnson, Charles P.: *See*—
Sporing, Percy A., and Johnson.

Johnston, Frederick L.: *See*—
Howk, Benjamin W., and Johnston.

Jones, David G.: *See*—
Bremner, John G. M., and Jones.

Jones, Ira M., assignee: *See*—
Brooks, Lewis C.
Cryns, Max P.

Jones, Martin L., Baltimore, Md. Antenna pattern tracer. 2,450,283, Sept. 28.

Jordan, Benjamin H., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Tap holder. 2,450,238, Sept. 28.

Joy Manufacturing Company, assignee: *See*—
Simmons, Leon E.

Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Comb and brush set. 2,450,344, Sept. 28.

Kahn, Robert L., trustee: *See*—
Smith, George G.

Kail, Karl A., Montrose, Pa., assignor to Link Aviation, Inc. Aviation trainer. 2,450,239, Sept. 28.

Kail, Karl A., Montrose, Pa., assignor to Link Aviation, Inc., Binghamton, N. Y. Radio direction finding means for aviation trainers. 2,450,240, Sept. 28.

Kauffman, Marie E.: *See*—
Damschroder, Rudolph E., and Kauffman.

Kaufmann, John J., Elkins Park, assignor to Steele Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,450,241, Sept. 28.

Kaupke, Lee H.: *See*—
Crumb, Charles F., Kaupke, Raney, and Smith.

Kendall, Floyd J., assignor to The Springfield Metallic Casket Co., Inc., Springfield, Ohio. Corner holding device. 2,450,091, Sept. 28.

Kennett, Clarence E., Warrenville, S. C. Stirrup for jack sticks in looms. 2,450,198, Sept. 28.

Keres, Walter B., assignee: *See*—
Jackson, Theodore F.

Kervin, William M., Montreal, Quebec, Canada. Protective cap for wood posts, poles, and the like. 2,450,345, Sept. 28.

Kesler, Carl C., W. C. Black, W. L. Hicks, and C. N. Owen, assignors to Penick & Ford, Ltd., Incorporated, Cedar Rapids, Iowa. Starch-resin reaction product and method of producing the same. 2,450,377, Sept. 28.

Ketcham, Newton H.: *See*—
Cogan, Howard D., and Ketcham.

Kieffer, Raymond J.: *See*—
Gilbert, Lowell B., and Kieffer.

Kimsey, William A.: *See*—
Siekmann, Harold J., and Kimsey.

King, Nathaniel: *See*—
Thompson, Harold L., and King.

Kirk, Donald, Jr.: *See*—
Bishop, Harold O., and Kirk.

Kirschner, Otto S.: *See*—
Peterson, Fred W., and Kirschner.

Klipsch, Paul W., Hope, Ark. Rotating band tester. 2,450,003, Sept. 28.

Klod, William J., Weehawken, N. J. Valve. 2,450,242, Sept. 28.

Kloeckener, Fritz, New York, N. Y. Fabric. 2,450,047, Sept. 28.

Knobel, Max: *See*—
Schirmer, Cyrus T., and Knobel.

Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Automatic manually controlled clutch. 2,450,048, Sept. 28.

Knox, Arthur L., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic phonograph. 2,450,378, Sept. 28.

Knox, Graham, San Francisco, Calif. Lathe spindle stop. 2,450,004, Sept. 28.

Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass-lined container for corrosive substances. 2,450,146, Sept. 28.

Kommer, Fred A., and R. W. Boehlow, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,450,049, Sept. 28.

Krilow, James E., assignor to Boardwalk Enterprises, Inc., Atlantic City, N. J. Kitchen utensil. 2,450,346, Sept. 28.

Krilow, James E., assignor to Boardwalk Enterprises, Inc., Atlantic City, N. J. Paring utensil. 2,450,347, Sept. 28.

Krilow, James E., assignor to Boardwalk Enterprises, Inc., Atlantic City, N. J. Vegetable slitting utensil. 2,450,348, Sept. 28.

Kronquest, Alfred L., and M. M. Sedwick, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Container sealing machine having seaming mechanism actuated by fluid pressure operated means responsive to vacuum. 2,450,243, Sept. 28.

Labine, Emile, New York, and D. D. Grieg, Forest Hills, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Omnidirectional radio beacon. 2,450,005, Sept. 28.

Larsen, Earl I.: *See*—
Hensel, Franz R., and Larsen.

Lavino, E. J., and Company, assignee: *See*—
Howard, John J., and Heiligman.

Lawry, Richard T., Richmond, Calif. Cable clamp. 2,450,147, Sept. 28.

Le Blond, R. K., Machine Tool Company, The, assignee: *See*—
Siekmann, Harold J., and Kimsey.

Leibing, William E.: *See*—
Wirth, Emil O., and Leibing.

Leibing, William E., Santa Barbara, Calif. Governor. 2,450,199, Sept. 28.

Lelek, Thaddeus A.: *See*—
Strunk, Kenith G., and Lelek.

Leman, Hugh S.: *See*—
Grace, Bertram B., Ellison, Leman, Leng, and Bridge.

Leng, Charles W.: *See*—
Grace, Bertram B., Ellison, Leman, Leng, and Bridge.

Lesniak, Frank G., assignor to Masonite Corporation, Laurel, Miss. Thickener. 2,450,006, Sept. 28.

Lev, Benjamin, Chicago, Ill. Uniform cap. 2,450,284, Sept. 28.

Levitt, Percy B.: *See*—
Morgan, John D., and Levitt.

Libbey-Owens-Ford Glass Company, assignee: *See*—
Pearse, John P., and Bamford.

Libshutz, Harry: *See*—
Libshutz, Irving and H.

Libshutz, Irving and H., Baltimore, Md. Folding uniform cap stayer. 2,450,148, Sept. 28.

Lidberg, Oscar J., Hibbing, Minn. Glider sled. 2,450,285, Sept. 28.

Linforth, Paul S., assignee: *See*—
Wells, William S.

Link Aviation, Inc., assignee: *See*—
Kall, Karl A.
West, Russell L.

Liquidometer Corporation, The, assignee: *See*—
De Giers, Clarence A.
De Giers, Clarence A., and Osterlund.

Little, Arthur D., Inc., assignee: *See*—
Fogler, Benjamin B., and Marek.
Marek, Leroy F.

Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Carburized filament and method for treating the same. 2,450,007, Sept. 28.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Second harmonic nonlinear amplifier. 2,450,286, Sept. 28.

Lobe, Albert, assignee: *See*—
Rickerson, Floyd K.

Locke, Niel C., Lockeford, Calif. Leveling and contouring machine. 2,450,200, Sept. 28.

Logan, Otis A., Kansas City, Mo. Fifth wheel assembly. 2,450,201, Sept. 28.

Lomholt, Carl, Bogota, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Cooperating card envelope and a card holder with detent retaining means. 2,450,008, Sept. 28.

Lynch, Clarence S., Arlington, Va. Beverage container and dispensing device. 2,450,244, Sept. 28.

Maack, Henry W.: *See*—
Eckman, Harry A., and Maack.

Macintyre, John R., South Peabody, Mass., assignor to General Electric Company. Range timer. 2,450,287, Sept. 28.

Macy, James C., New Cumberland, assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Electrical connector. 2,450,050, Sept. 28.

Macy, James C., New Cumberland, assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Electrical connector. 2,450,202, Sept. 28.

Maddock, Alan J., assignor to Standard Telephones and Cables Limited, London, England. Multiple stage thermionic valve. 2,450,009, Sept. 28.

Maisch, George, Sea Cliff, assignor to Powers Photo Engraving Company, Glen Cove, N. Y. Photoelectric exposure meter. 2,450,288, Sept. 28.

Mallory, P. R., & Co., Inc., assignee: *See*—
Hensel, Franz R.
Hensel, Franz R., and Larsen.

Manning, Fowler, Bronxville, assignor to Carry-Cab Corporation, New York, N. Y. Baby carriage construction. 2,450,051, Sept. 28.

Marek, Leroy F.: *See*—
Fogler, Benjamin B., and Marek.

Marek, Leroy F., Lexington, assignor to Arthur D. Little, Inc., Cambridge, Mass. Gas treating apparatus. 2,450,289, Sept. 28.

Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Locking system for vehicle doors. 2,450,052, Sept. 28.

Mason, Fred J., Syracuse, N. Y. Sanding device for vehicles. 2,450,245, Sept. 28.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,450,010, Sept. 28.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,450,011, Sept. 28.

Masonite Corporation, assignee: *See*—
Lesniak, Frank G.

Master, Warren S., Rutherford, N. J., and E. Engelman, Elmhurst, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Voltage regulator. 2,450,012, Sept. 28.

Maxwell, Hugh S., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,450,290, Sept. 28.

May & Baker Limited, assignee: *See*—
Barber, Harry J.

May, Donald R.: *See*—
Dixon, James K., and May.

Mayer, John L., Kansas City, Mo. Guarded window assembly. 2,450,349, Sept. 28.

McCarthy, Paul R., Allison Park, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Block grease compositions. 2,450,149, Sept. 28.

McCarthy, Samuel M., Columbus, Ga. Air charger for storage tanks. 2,450,291, Sept. 28.

McCarty, Glenn W., Wichita, Kans. Pneumatic grain conveyer. 2,450,053, Sept. 28.

McCulloch, Robert P., J. L. Ryde, and A. Gudmundsen, Milwaukee, Wis., said Ryde and said Gudmundsen assignors to said McCulloch. Piston for rotary engines. 2,450,150, Sept. 28.

McNaughton, David H., Sr., assignor of twenty-five per cent to P. B. Mitchell, Saskatoon, Saskatchewan, Canada. Mechanical gripping tool. 2,450,151, Sept. 28.

Melichar, Joseph F.: *See*—
Parker, Arthur L. and H. M., and Melichar.

Metal Hydrides Incorporated, assignee: *See*—
Alexander, Peter P.

Metropolis Bending Company, assignee: *See*—
Puls, Alfred E., and Swenson.

Miller, Donald L., Pine City, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,450,246, Sept. 28.

Miller, Harold: *See*—
Gordon, Ronald, and Miller.

Miller, Howard B., Seattle, Wash. Fruit picker's crane. 2,450,152, Sept. 28.

Mississippi Valley Research Laboratories, Inc., assignee: *See*—
Doelling, George L., and Adams.

Mitchell, Paul B., assignee: *See*—
McNaughton, David H., Sr.

Moline Machine Company, Limited, assignee: *See*—
Harvey, Valentine P.

Monarch Governor Company, assignee: *See*—
Anderson, James W., Jr.

Moore, Edward R., Fargo, N. Dak. Embalmer's protector. 2,450,247, Sept. 28.

Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Voltage indicator for electric fences. 2,450,153, Sept. 28.

More, John H., administrator: *See*—
Randall, Harold O., and Geers, and More.

Morgan, David E., Philadelphia, Pa., assignor to Warren Webster & Company, Camden, N. J. Radiator fin construction. 2,450,203, Sept. 28.

Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Grease dispensing unit. 2,450,248, Sept. 28.

Munising Paper Company, assignee: *See*—
Donaldson, Henry V.

Murphy Automatic Pinsetter Co., Inc., assignee: *See*—
Murphy, John F.

Murphy, John F., Middleboro, assignor to Murphy Automatic Pinsetter Co., Inc., Cambridge, Mass. Automatic pin setting machine. 2,450,249, Sept. 28.

Napier, D., & Son Limited, assignee: *See*—
Ramsay, Frank R. F.

Napton, John R., Marshall, Mo. Hinged heel shoe. 2,450,250, Sept. 28.

Nathan Manufacturing Company, assignee: *See*—
Angel, Charles M., and Culbertson.

National Battery Company, assignee: *See*—
Sargent, William C.

National Cash Register Company, The, assignee: *See*—
Christian, Raymond A., Ganger, and Paden.
Randall, Harold O., and Geers, and More.

Nelson, Arthur C., Alexandria, Minn. Sole edge trimmer. 2,450,292, Sept. 28.

Nelson, Oliver J., Parsons, Kans., assignor to himself as trustee. Apparatus for producing rock wool. 2,450,013, Sept. 28.

Newitt, John H., Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Electronic goniometer for radio direction finders. 2,450,014, Sept. 28.

Noguera, Joseph, Prestwich, Manchester, assignor to Casablancas High Draft Company Limited, Salford, Manchester, England. Collector for textile drafting mechanisms. 2,450,251, Sept. 28.

Nokes, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Area measuring machine using light beams. 2,450,054, Sept. 28.

Nord, Eric T., assignor to U. S. Automatic Corporation, Amherst, Ohio. Milling mechanism. 2,450,350, Sept. 28.

Nord, Friedrich F., New York, N. Y. Food composition containing fusaria. 2,450,055, Sept. 28.

Northern Ordnance Incorporated, assignee: *See*—
Hawley, John B., Jr.

Norton Company, assignee: *See*—
Beth, Hugo W. H.
Bush, Alonzo O.
Indge, Herbert S.

Odegaard, Norman N. O., McHenry, N. Dak. Steerable wheel shock absorber. 2,450,015, Sept. 28.

Office Furniture & Fixtures, Inc., assignee: *See*—
Blazey, Lawrence E.

Ogan, Elmer B., Charlotte, N. C. Tail set harness. 2,450,379, Sept. 28.

Oliver, Herbert F., West Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Securing device. 2,450,252, Sept. 28.

Ornstein, Harry, assignee, et al.: *See*—
Selden, Herman.

Osecrowsky, Harold L., Bay City, Mich. Valve puller. 2,450,293, Sept. 28.

Osterhoudt, Walter J., Houston, Tex. Shock absorber. 2,450,154, Sept. 28.

Osterlund, Soren B.: *See*—
De Giers, Clarence A., and Osterlund.

Owen, Carlton N.: *See*—
Kesler, Carl C., Black, Hicks, and Owen.

Owens-Corning Fiberglas Corporation, assignee: *See*—
Slayter, Games and Fletcher.

Packard Motor Car Company, assignee: *See*—
Ware, Marsden.

Packwood, George H., Jr., St. Louis, Mo. Soap powder dispenser. 2,450,155, Sept. 28.

Paden, William L.: *See*—
Christian, Raymond, Ganger, and Paden.

Palotsee, John J., Youngstown, Ohio. Hone adapter. 2,450,294, Sept. 28.

Parker Appliance Company, The, assignee: *See*—
Parker, Arthur L. and H. M., and Melichar.
Vandervoort, Lorain N.

Parker, Arthur L., deceased, Cleveland, by H. M. Parker, Shaker Heights, executrix, and J. F. Melichar, assignors to The Parker Appliance Company, Cleveland, Ohio. Engine primer. 2,450,295, Sept. 28.

Parker, Helen M., executrix: *See*—
Parker, Arthur L. and H. M., and Melichar.

Parnell, Edwin H., Sr., Greenville, S. C. Fishing lure. 2,450,253, Sept. 28.

Partridge, Maurice W.: *See*—
Short, Wallace F., and Partridge.

Parveau, Lucien: *See*—
Boucher, Auguste, and Parveau.

Passal, Frank, now by judicial change of name: *See*—
Passalacqua, Frank.

Passalacqua, Frank, now by judicial change of name, F. Passal, Detroit, Mich., assignor to United Chromium, Incorporated, New York, N. Y. Method of producing articles having fissured chromium surface electrodeposits. 2,450,296, Sept. 28.

Payne, John W., P. D. Valas, E. H. Atwood, Woodbury, and E. V. Bergstrom, Short Hills, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for washing gel pellets. 2,450,351, Sept. 28.

Pearse, John P., Swanton, and W. P. Bamford, Maumee, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending glass. 2,450,297, Sept. 28.

Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Process of and apparatus for producing titanium dioxide. 2,450,156, Sept. 28.

Peckett, Samuel C., Toronto, Ontario, Canada. Means for preparing true surfaces. 2,450,157, Sept. 28.

Penick & Ford, Ltd., Incorporated, assignee: *See*—
Kesler, Carl C., Black, Hicks, and Owen.

Pennell, Ford, assignor to J. B. Pennell, Webster Groves, Mo. Connector bolt. 2,450,158, Sept. 28.

Pennell, Jane B., assignee: *See*—
Pennell, Ford.

Perham, James A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Switch handle for portable electric tools. 2,450,380, Sept. 28.

Peterson, Carl D., and A. H. Deimel, assignors to Dana Corporation, Toledo, Ohio. Transmission mechanism. 2,450,056, Sept. 28.

Peterson, Fred W., El Centro, Calif., and O. S. Kirschner, Vashon, Wash. Clavicle splint. 2,450,298, Sept. 28.

Petrolite Corporation, Ltd., assignee: *See*—
De Groote, Melvin.
De Groote, Melvin, and Wirtel.

Pettibone Mulliken Corporation, assignee: *See*—
Piper, Walter F., and Soldat.

Phileo Corporation, assignee: *See*—
Shoemaker, Malcolm G.

Phillips Petroleum Company, assignee: *See*—
Frey, Frederick E.
Piety, Raymond G.

Pickslay, William M., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,450,159, Sept. 28.

Pierce, Robert E.: *See*—
Bemis, Farwell G., and Pierce.

Piety, Raymond G., Yonkers, N. Y., assignor to Phillips Petroleum Company. Seismic-wave correction means and method. 2,450,352, Sept. 28.

Pinkel, Isadore I., Cleveland, Ohio. High-voltage foam breaker. 2,450,016, Sept. 28.

Piper, Walter F., and J. J. Soldat, Chicago, Ill., assignors, by mesne assignments, to Pettibone Mulliken Corporation. Portable molding sand muller, including suspendable power-driven muller unit and underlying portable bowl receptacle. 2,450,299, Sept. 28.

Pittsburgh Plate Glass Company, assignee: *See*—
Knudsen, Percy E.
Pechukas, Alphonse.

Place Process, Inc., assignee: *See*—
Place, Robert.

Place, Robert, Glen Cove, N. Y., assignor to Place Process, Inc., Washington, D. C. Producing animated cartoons. 2,450,017, Sept. 28.

Powers, Paul O.: *See*—
Weber, Karl H., and Powers.

Powers Photo Engraving Company, assignee: *See*—
Maisch, George.

Preisman, Albert, Flushing, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Radio monitoring system. 2,450,018, Sept. 28.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure fluid operated pressure intensifier. 2,450,160, Sept. 28.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,450,161, Sept. 28.

Pridy, Whetstine B., Long Beach, Calif. Truck body and bolster. 2,450,204, Sept. 28.

Prime Manufacturing Company, The, assignee: *See*—
Moore, Sidney A.

Pritchard, Franklin H., Erie, Pa., assignor to General Electric Company. Traction motor control system. 2,450,300, Sept. 28.

Promen, William N., Chicago, Ill. Golf practice device. 2,450,162, Sept. 28.

Pugh, William J., assignee: *See*—
Vetrano, Louis F.

Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match comb handling conveyer. 2,450,163, Sept. 28.

Pullenlite Company, assignee: *See*—
Pullen, Rodney S.

Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Folding table. 2,450,353, Sept. 28.

Puryear, Oney P.: *See*—
Ashburn, Harry V., Barnett, and Puryear.
Ashburn, Harry V., and Puryear.

Puryear, Oney P., Fishkill, and H. V. Ashburn, Glenham, assignors to The Texas Company, New York, N. Y. Lithium base grease and method of preparing the same. 2,450,254, Sept. 28.

Puryear, Oney P., Fishkill, and H. V. Ashburn, Glenham, assignors to The Texas Company, New York, N. Y. Method of preparing lithium base greases. 2,450,255, Sept. 28.

Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Control lever. 2,450,354, Sept. 28.

Quiggle, Edgar J., Shelby, Ohio. Folding baby seat. 2,450,301, Sept. 28.

Radio Corporation of America, assignee: *See*—
Barton, Loy E.
Hershberger, William D.
Schoenfeld, Earl.
Wright, Antony.

Ralph, Sydney J., and G. A. Dummett, Point Pleasant, Wandsworth, London, assignors to The Aluminum Plant & Vessel Company Limited, London, England. Treatment by azeotropic distillation of complex mixtures. 2,450,381, Sept. 28.

Ramsay, Frank R. F., assignor to D. Napier & Son Limited, London, England. Means for testing electrical ignition systems of internal-combustion engines. 2,450,164, Sept. 28.

Randall, Harold O., and J. B. Geers, deceased, Dayton, by J. H. More, administrator, Cincinnati, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,450,165, Sept. 28.

Raney, Russell R.: *See*—
Crumb, Charles F., Kaupke, Raney, and Smith.

Ranger, Richard H., United States Army, Newark, N. J. Frequency modulated oscillator control. 2,450,019, Sept. 28.

Raytheon Manufacturing Company, assignee: *See*—
Spencer, Percy L.

Redmond Company, Inc., assignee: *See*—
Schirmer, Cyrus T., and Knobel.

Reichold, Ludwig, Winsted, assignor to The Silex Company, Hartford, Conn. Ironing board having steam generating means. 2,450,092, Sept. 28.

Reik, Richard, Piedmont, Calif. Process for recovering magnesium from magnesia-containing materials. 2,450,057, Sept. 28.

Ribbesford Company Limited, The, assignee: *See*—
Thornhill, Peter W.

Ricardo, Harry R., London, England. Internal-combustion engine. 2,450,382, Sept. 28.

Rich, Nicholas S., Milwaukee, Wis. Electrical detection apparatus. 2,450,166, Sept. 28.

Richards, Edward A., L. J. Ellison, and F. Gray, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Manufacture of rectifier disks. 2,450,020, Sept. 28.

Richardson, George K., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Spent ammunition eliminating means. 2,450,058, Sept. 28.

Richardson, Harry C., assignor to The Troy Sunshade Company, Troy, Ohio. Coach or bus seat. 2,450,093, Sept. 28.

Richey, Paul E.: *See*—
Burrell, James H., and Richey.

Rickerson, Floyd K., assignor of one-fourth to A. Lobe, Seattle, Wash. Diaper having disposable inserts. 2,450,059, Sept. 28.

Ring, Roland, Houston, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,450,060, Sept. 28.

Risch, Werner, Zurich, Switzerland. Method and machine for producing propellers, ships' screws, and the like. 2,450,383, Sept. 28.

Robbins, David S., Hamden, Conn., assignor to The American Steel and Wire Company of New Jersey. Braided sling. 2,450,355, Sept. 28.

Robbins, David S., Hamden, Conn., assignor to The American Steel and Wire Company of New Jersey. Braided sling and method of making same. 2,450,356, Sept. 28.

Roberts, Kenneth C., Clayton, assignor to The Anchor Chemical Company Limited, Manchester, Lancashire, England. Manufacture of factice and sulfurized oils. 2,450,384, Sept. 28.

Robertshaw-Fulton Controls Company, assignee: *See*—
Cate, Paul E.

Robinson, George C., Los Angeles, Calif. Device for trisecting angles. 2,450,167, Sept. 28.

Robinson, Reuben C.: *See*—
White, Ernest T., and Robinson.

Rockwell Manufacturing Company, assignee: *See*—
Bergman, Charles P.

Roethel Engineering Corporation, assignee: *See*—
Roethel, John H.

Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Locking mechanism. 2,450,357, Sept. 28.

Rohm & Haas Company, assignee: *See*—
Hester, William F., and Craig.

Romano, Pasquale, Norwalk, Conn. Line tightener and fastener. 2,450,358, Sept. 28.

Rose, William H., Jersey City, N. J.; Hudson County National Bank, executor of said W. H. Rose, deceased. Compressible powder dispenser. 2,450,205, Sept. 28.

Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,450,256, Sept. 28.

Rowe, Robert F., Fort Wayne, Ind., assignor to General Electric Company. Fluorescent ballast bracket. 2,450,302, Sept. 28.

Rüsch, Gustav O. K.: *See*—
Christiansen, Christian, and Rüsch.

Ryde, John L.: *See*—
McCulloch, Robert P., Ryde, and Gudmundsen.

Salem Engineering Company, The, assignee: *See*—
Buckholot, Robert E.

Sanders, Marion D., Washington, D. C., assignor to Swift & Company, Chicago, Ill. Flotation of bone particles. 2,450,398, Sept. 28.

Sanderson, Robert L., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Grip. 2,450,094, Sept. 28.

Sargent, William C., assignor to National Battery Company, St. Paul, Minn. Battery plate-connecting strap. 2,450,359, Sept. 28.

Sasgen, Anthony M., assignor to Grand Specialties Company, Chicago, Ill. Clamping device of the vise type. 2,450,303, Sept. 28.

Schirmer, Cyrus T., Wayland, and M. Knobel, Arlington, Mass., assignors, by mesne assignments, to Redmond Company, Inc. Automatic door operator. 2,450,021, Sept. 28.

Schoenfeld, Earl, Mamaroneck, N. Y., assignor to Radio Corporation of America. Timing marker and station selection apparatus. 2,450,360, Sept. 28.

Scholes, Richard T., Hinsdale, Ill. Spike fastening means for railway tracks. 2,450,361, Sept. 28.

Schreiner, George A., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cloth finishing. 2,450,022, Sept. 28.

Schumock, Albert J., Washington, D. C. Plasterer's featheredge device. 2,450,385, Sept. 28.

Schwartz, Julius, Astoria, N. Y. Undergarment. 2,450,168, Sept. 28.

Scott, William H., Trenton, N. J., assignor to The American Steel and Wire Company of New Jersey. Device for electric resistance heating of metals and controls therefor. 2,450,362, Sept. 28.

Scovill Manufacturing Company, assignee: *See*—
Donahue, Patrick F.

Searle, G. D., & Co., assignee: *See*—
Cusic, John W.

Sedwick, Matthew M.: *See*—
Kronquest, Alfred L., and Sedwick.

Seebold, James E., assignor to Standard Oil Company, Chicago, Ill. Corrosion prevention. 2,450,095, Sept. 28.

Selden, Herman, Plainfield, N. J., assignor of one-third to A. M. Hartman, New York, and one-third to H. Ornstein, Brooklyn, N. Y. Hat sweatband. 2,450,169, Sept. 28.

Shankland, Rodney V.: *See*—
Brown, Henry T., and Shankland.

Shaver, Forrest W.: *See*—
Gresham, Thomas L., and Shaver.

Sheidler, Robert G., assignor to The Tappan Stove Company, Mansfield, Ohio. Indicator for electric ranges. 2,450,399, Sept. 28.

Shell Development Company, assignee: *See*—
Evans, Theodore W., and Shokal.

Shiflet, William E., St. Clair Shores, Mich. Outboard motor dolly. 2,450,304, Sept. 28.

Shoemaker, Malcolm G., Doylestown, assignor to Philco Corporation, Philadelphia, Pa. Partition for refrigerators. 2,450,305, Sept. 28.

Shokal, Edward C.: *See*—
Evans, Theodore W., and Shokal.

Short, Wallace F., and M. W. Partridge, assignors to Boots Pure Drug Company Limited, Nottingham, England. Manufacture of compounds containing amidine groups. 2,450,386, Sept. 28.

Shouse, James F., Moline, Ill. Golf teeing apparatus. 2,450,206, Sept. 28.

Sickles, F. W., Company, The, assignee: *See*—
Oliver, Herbert F.
Sickles, Royal F.

Sickles, Royal F., Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Securing device. 2,450,306, Sept. 28.

Siekmann, Harold J., Cincinnati, and W. A. Kimsey, Mariemont, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Automatic step turning lathe. 2,450,096, Sept. 28.

Silex Company, The, assignee: *See*—
Reichold, Ludwig.

Silverman, Alexander, Pittsburgh, Pa. Nail file. 2,450,207, Sept. 28.

Simmon Brothers, Inc., assignee: *See*—
Simmon, Alfred, and Weisglass.
Weisglass, Louis L.

Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, assignors to Simmon Brothers, Inc., Long Island City, N. Y. Device to make test prints of photographic color print material by three nonuniform part exposures of a test triangle to three colors. 2,450,307, Sept. 28.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Reel mechanism. 2,450,257, Sept. 28.

Singleton, Gray, Lakeland, Fla. Processing fruit juices. 2,450,097, Sept. 28.

Skolnik, Max, assignor to Fibro-Mold Specialties, Inc., Chicago, Ill. Plastic composition and wallboard made therefrom. 2,450,258, Sept. 28.

Slater, Thomas H., Fairview, Ill. Filter. 2,450,208, Sept. 28.

Slayter, Games, and E. Fletcher, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Method and apparatus for making fine glass fibers. 2,450,363, Sept. 28.

Smith, A. O., Corporation, assignee: *See*—
Boatwick, Fred D.
Hariamoff, Anatol J.
Uhri, William C.

Smith, Arnold A., Three Rivers, Quebec, Canada, assignor to International Paper Company, New York, N. Y. Electric boiler. 2,450,061, Sept. 28.

Smith, Frank W., Wellesley, Mass., assignor to The Superheater Company, New York, N. Y. Fine washing nozzle having fluid valve operated simultaneously with seal in flue. 2,450,308, Sept. 28.

Smith, George G., assignor to R. L. Kahn, Chicago, Ill., as trustee. Fitting. 2,450,170, Sept. 28.

Smith, Lewis E.: *See*—
Crumb, Charles F., Kaupke, Raney, and Smith.

Smith, Marvin A., Western Springs, assignor to Universal Oil Products Company, Chicago, Ill. Mercury vacuum still. 2,450,098, Sept. 28.

Smith, Sidney B., Hollis, N. Y. Wrapper for frozen confections. 2,450,364, Sept. 28.

Societe Anonyme des Tubes de Valenciennes & Denain, assignee: *See*—
Gillet, Eugene C.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Payne, John W., Valas, Atwood, and Bergstrom.
White, Ernest T., and Robinson.

Sohn, Allen O., Plymouth, Wis. Side gripper for square bottomed paper bag forming machines. 2,450,309, Sept. 28.

Soldat, Joseph J.: *See*—
Piper, Walter F., and Soldat.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,450,023, Sept. 28.

Sperry Corporation, The, assignee: *See*—
Devol, George C.

Sperry-Sun Well Surveying Company, assignee: *See*—
Ring, Roland.

Sperzel Company, assignee: *See*—
Sperzel, Peter J.

Sperzel, Peter J., assignor to Sperzel Company, Minneapolis, Minn. Hinge construction for toilet seats. 2,450,209, Sept. 28.

Spicer, William E.: *See*—
Voorhies, Alexis, Jr., and Spicer.

Sporing, Percy A., Hampton Hill, and C. P. Johnson, Hanwell, assignors to The Telegraph Condenser Company Limited, North Acton, England. Tubular container for electrical condensers or other apparatus. 2,450,310, Sept. 28.

Sprague, Howard L., New York, N. Y. String depressor for stringed musical instruments. 2,450,210, Sept. 28.

Springfield Metallic Casket Co., Inc., The, assignee: *See*—
Kendall, Floyd J.

Springfield Wire & Tinsel Co., assignee: *See*—
Homon, Albert J.

Standard Oil Company, assignee: *See*—
Brown, Henry T., and Shankland.
Seebold, James E.

Standard Oil Development Company, assignee: *See*—
Voorhies, Alexis, Jr., and Spicer.

Standard Telephones and Cables Limited, assignee: *See*—
Grace, Bertram B., Ellison, Leman, Leng, and Bridge.
Heaton-Armstrong, Louis J.
Maddock, Alan J.
Tomlin, Stanley G.

Stanley, Arthur M., Lynn, Mass. Aircraft wheel and tire. 2,450,259, Sept. 28.

Stanley, Richard W., Drexel Hill, Pa., and C. A. Castellan, assignors to American Viscose Corporation, Wilmington, Del. Thread advancing reel. 2,450,024, Sept. 28.

Steel Heddle Manufacturing Company, assignee: *See*—
Kaufmann, John J.

Stein, Leander J., United States Army, Sheboygan, Wis. Gasoline field stove. 2,450,025, Sept. 28.

Stenberg, Thornton R., Troy, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Composition of friction material. 2,450,171, Sept. 28.

Stone, Albert F., and E. A. Hayden, Callahan, Calif. Chain-saw bar conditioner. 2,450,211, Sept. 28.

Stoner, Paul E., Jackson, Mich. Accessory stand for cylinder type vacuum cleaners. 2,450,172, Sept. 28.

Strunk, Kenith G., East Orange, and T. A. Lelek, Bloomfield, assignors to Breeze Corporations, Inc., Newark, N. J. Adjustable cam actuator. 2,450,311, Sept. 28.

Superheater Company, The, assignee: *See*—
Smith, Frank W.

Swenson, Edward R.: *See*—
Puls, Alfred E., and Swenson.

Swift & Company, assignee: *See*—
Sanders, Marion D.

Sylvania Electric Products Inc., assignee: *See*—
Burroughs, Franklin L.
Freeman, Walter C., Jr.
Ishler, Harry K.

Talbot, Theodore H.: *See*—
Warner, Arthur J., and Talbot.

Tappan Stove Company, The, assignee: *See*—
Sheidler, Robert G.

Telegraph Condenser Company, Limited, The, assignee: *See*—
Sporing, Percy A., and Johnson.

Texaco Development Corporation, assignee: *See*—
Gee, William P.

Texas Company, The, assignee: *See*—
Ashburn, Harry V., Barnett, and Puryear.
Ashburn, Harry V., and Puryear.
Bergmann, Eric A., Ashburn, and Eckert.
Puryear, Oney P., and Ashburn.
Wolf, Alexander.

Thomas, Joseph J., Los Angeles, Calif. Muffler. 2,450,212, Sept. 28.

Thompson, Harold L., Athol, and N. King, Fitchburg, Mass., assignors to ATF Incorporated. Toolholder. 2,450,365, Sept. 28.

Thompson, Ralph B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Condensation of an arylalkane in the presence of lead alkyl. 2,450,099, Sept. 28.

Thompson, Thomas R., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Process for producing dye intermediates. 2,450,400, Sept. 28.

Thompson, William H., Wilson, Kans. Apparatus for engraving tombstones and the like. 2,450,401, Sept. 28.

Thornhill, Peter W., assignor to The Ribbesford Company Limited, Leamington Spa, England. Pneumatic shock absorber. 2,450,387, Sept. 28.

Toland, Wayne G., Canton, Ill., assignor to International Harvester Company. Wheel construction. 2,450,100, Sept. 28.

Tollison, Paul L., North Plainfield, assignor to Wood Newspaper Corporation, Plainfield, N. J. Web cutting mechanism. 2,450,312, Sept. 28.

Tomlin, Stanley G., assignor to Standard Telephones and Cables Limited, London, England. Thermionic device for use with wave guides. 2,450,026, Sept. 28.

Trotter, Aubrey, Lafayette, La. Clamp for placing well casings. 2,450,388, Sept. 28.

Troy Sunshade Company, The, assignee: *See*—
Richardson, Harry C.

Trumbull Electric Manufacturing Company, The, assignee: *See*—
Rowe, Raymond N.

Tuerck, Karl H. W., Ranstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of crotonic acid. 2,450,389, Sept. 28.

Turner, Robert S., Oklahoma City, Okla. Seat anchoring device. 2,450,213, Sept. 28.

Uhri, William C., assignor to A. O. Smith Corporation, Milwaukee, Wis. Seal for tank openings. 2,450,173, Sept. 28.

United Chromium, Incorporated, assignee: *See*—
Passalacqua, Frank.

United Shoe Machinery Corporation, assignee: *See*—
Haas, Otto R.
Knott, Clyde L.
Nokes, Philip E.
Richardson, George K.
Willmott, Herbert J.
Woodman, Charles K.

U. S. Automatic Corporation, assignee: *See*—
Nord, Eric T.

U. S. Universal Joints Company, assignee: *See*—
Guy, Frederick M.

Universal Oil Products Company, assignee: *See*—
Smith, Marvin A.
Thompson, Ralph B.

Universal Winding Company, assignee: *See*—
Day, Irving W.

Valas, Peter D.: *See*—
Payne, John W., Valas, Atwood, and Bergstrom.

Valiton, Frederick H., assignor of one-half to C. L. Colbert, Deer Lodge, Mont. Top milk extractor. 2,450,313, Sept. 28.

Vandervoort, Lorain N., assignor to The Parker Appliance Company, Cleveland, Ohio. Coupling for flareless tubes. 2,450,314, Sept. 28.

Veneklasen, Paul S., and N. A. Watson, Los Angeles, Calif., assignors to the United States of America. Material for use in the manufacture of ear defenders and the like. 2,450,101, Sept. 28.

Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, assignee: *See*—
Wernli, Max.

Vetrano, Louis F., assignor of three-fourths to W. J. Pugh, Oakland, Calif. Beer faucet. 2,450,315, Sept. 28.

Victor Metal Products Corporation, assignee: *See*—
Jung, Albert H.

Victorero, Francisco A., Cardenas, Cuba. Apparatus for continuous fermentation. 2,450,218, Sept. 28.

Voorhies, Alexis, Jr., and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Preparation of catalyst for use in destructive hydrogenation of hydrocarbon oils. 2,450,316, Sept. 28.

Voorhies, Alexis, Jr., and W. E. Spicer, Baton Rouge, La., assignor to Standard Oil Development Company. Nickel-impregnated clay catalyst and process of making same. 2,450,317, Sept. 28.

Voss, Grace, New York, N. Y., and V. G. Ellis, Montclair, N. J. Caster guard. 2,450,062, Sept. 28.

Wagamon, Richard E., Harbeson, Del. Method for producing poultry feeds. 2,450,318, Sept. 28.

Wagner, Gustave H.: *See*—
Wagner, Harold A. and G. H.

Wagner, Harold A. and G. H., Portland, Oreg. Material lifting and transporting vehicle. 2,450,102, Sept. 28.

Ward, Herbert H., Grange-over-Sands, England. Treatment of flour for controlling its strength. 2,450,260, Sept. 28.

Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Dual drive mechanism. 2,450,214, Sept. 28.

Warner, Arthur J., South Orange, and T. H. Talbot, East Orange, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Dimerization of alpha-alkyl para-alkyl styrenes. 2,450,027, Sept. 28.

Watson, Norman A.: *See*—
Veneklasen, Paul S., and Watson.

Weaver, Jerald D., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Turnover record changer. 2,450,402. Sept. 28.

Weber, Karl H., Lancaster, and P. O. Powers, Manheim Township, Lancaster County, assignors to Armstrong Cork Company, Lancaster, Pa. Dimethyl styrene polymerization products and their preparation. 2,450,028, Sept. 28.

Webster, Warren, & Company, assignee: *See*—
Morgan, David E.

Weinrich, William W., Bartlesville, Okla., C. A. Holloway, Jr., Oakmont, Pa., and W. S. Bonnell, Port Arthur, Tex., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Catalytic contact process. 2,450,174, Sept. 28.

Weisglass, Louis L.: *See*—
Simmon, Alfred, and Weisglass.

Weisglass, Louis L., New York, assignor to Simmon Brothers, Inc., Long Island City, N. Y. Photoelectric exposure meter for enlargers using differential means to indicate contrast. 2,450,319, Sept. 28.

Wells, Franklin B., Verona, N. J., assignor to Ellis-Foster Company. Process of making sulfurized jojoba oil. 2,450,403, Sept. 28.

Wells, William S., Palo Alto, assignor to P. S. Linforth, San Francisco, Calif. Compressed air gun. 2,450,029, Sept. 28.
Wendt, Harry C., Lynnfield, Mass., assignor to General Electric Company. Variable air gap turn compensator. 2,450,320, Sept. 28.
Werner, Siegmund, New York, N. Y. Swivel head for ski pole rings. 2,450,063, Sept. 28.
Wernli, Max, Schaffhausen, Switzerland, assignor to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, Zurich-Oerlikon. Barrel and breech ring with spring means for connecting the same. 2,450,064, Sept. 28.
West, Russell L., Montreal, Quebec, Canada, assignor, by mesne assignments, to Link Aviation, Inc., Binghamton, N. Y. Training equipment for aviators. 2,450,261, Sept. 28.
Western Union Telegraph Company, The, assignee: *See*—
Wise, Raleigh J.
White, Ernest T., Jackson Heights, and R. C. Robinson, New York, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Rust-inhibiting greases. 2,450,321, Sept. 28.
Wildt and Company Limited, assignee: *See*—
Holmes, Henry H.
Williams, Jerry D., Ninnekah, Okla. Apparatus and method for seismographic exploration shooting. 2,450,366, Sept. 28.
Williams, Ralph F., Hazelton, Kans. Replacement axle for agricultural implements or the like. 2,450,372, Sept. 28.
Williamson, Stuart, Reading, England. Delay action control switch. 2,450,323, Sept. 28.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Drilling machine. 2,450,065, Sept. 28.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Guide for drill chucks. 2,450,066, Sept. 28.
Wilson, Oran C., Lakewood, and P. S. Britton, Bratenahl, Ohio. Apparatus for coiling thermoplastic material. 2,450,324, Sept. 28.
Wilson, William A., Glendale, Calif. Dolly for trailers and the like. 2,450,215, Sept. 28.
Winslow, Fred H., and W. S. Hammond, Waco, Tex. Reversing drive mechanism. 2,450,262, Sept. 28.
Wirtel, Arthur F.: *See*—
De Groote, Melvin, and Wirtel.
Wirth, Emil O., South Bend, Ind., and W. E. Leibing, Detroit, Mich.; said Wirth assignor to Bendix Aviation Company, South Bend, Ind.; said Leibing assignor to Leibing-Fageol Company, Detroit, Mich. Fuel system for starting. 2,450,175, Sept. 28.
Wise, Frederic E., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Electric temperature device. 2,450,263, Sept. 28.
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system and apparatus. 2,450,030, Sept. 28.
Wolf, Alexander, Houston, Tex., assignor to The Texas Company, New York, N. Y. Method of logging boreholes. 2,450,265, Sept. 28.
Wolff, Harry J. D., Van Nuys, assignor to E. A. Huntley, Burbank, Calif. Knitting device. 2,450,067, Sept. 28.
Wood Newspaper Machinery Corporation, assignee: *See*—
Tollison, Paul L.
Woodman, Charles K., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Toe rest. 2,450,068, Sept. 28.
Woodman, Charles K., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt pressing means for sole attaching machines. 2,450,069, Sept. 28.
Woodruff, Albert N., Washington, D. C. Clock. 2,450,264, Sept. 28.
Wright, Antony, Drexel Hill, Pa., assignor to Radio Corporation of America. Compensating device. 2,449,969, Sept. 28.
Wright, Bruce R., Lakewood, assignor to Centrifix Corporation, Cleveland, Ohio. Marine sea chest sand separator. 2,450,070, Sept. 28.
Yale & Towne Manufacturing Company, The, assignee: *See*—
Quayle, George.
Yardeny, Michel N., New York, N. Y. Synchronous preset remote control system. 2,450,071, Sept. 28.
Zavaleta, Adolfo C. S., Buenos Aires, Argentina. Paint paste. 2,450,072, Sept. 28.
Zirin, Samuel, Brooklyn, N. Y. Outdoor card game device. 2,450,325, Sept. 28.
Zschiegner, Herbert E., Ocean Grove, N. J., assignor to E. Honig, Brooklyn, N. Y. Preparation of palladium oxide. 2,450,176, Sept. 28.

LIST OF DESIGN INVENTIONS

Awning, Sun-bathing. O. D. Koski. 151,155, Sept. 28.
Battery charging machine or similar article. A. C. Blevins. 151,117, Sept. 28.
Bracelet or similar article. A. Philippe. 151,186, Sept. 28.
Bracket for an electrical fixture, Mounting. C. D. McCann. 151,161, Sept. 28.
Brooch or similar article. A. Katz. 151,133, Sept. 28.
Brooch or similar article. A. Katz. 151,137, Sept. 28.
Brooch or similar article. A. Katz. 151,140, Sept. 28.
Brooch or similar article. A. Katz. 151,142, Sept. 28.
Brooch or similar article. A. Katz. 151,144, Sept. 28.
Brooch or similar article. A. Katz. 151,146–7, Sept. 28.
Brooch or similar article. A. Katz. 151,149, Sept. 28.
Brooch or similar article. O. Pennino. 151,163, Sept. 28.
Brooch or similar article. A. Philippe. 151,169–74, Sept. 28.
Brooch or similar article. A. Philippe. 151,177–81, Sept. 28.
Brooch or similar article, Separable. A. Katz. 151,151, Sept. 28.
Cigarette lighter. R. Wolanske. 151,202, Sept. 28.
Clip or similar article. A. Philippe. 151,176, Sept. 28.
Coat. G. Reiter. 151,190, Sept. 28.
Door pull. L. L. Kadieck. 151,131, Sept. 28.
Drainer, Bottle. H. Roe. 151,192, Sept. 28.
Dress ensemble. J. F. Strassner. 151,197, Sept. 28.
Ear clip finding. K. F. Hoeckele. 151,130, Sept. 28.
Earring or similar article. A. Katz. 151,132, Sept. 28.
Earring or similar article. A. Katz. 151,134–6, Sept. 28.
Earring or similar article. A. Katz. 151,138–9, Sept. 28.
Earring or similar article. A. Katz. 151,141, Sept. 28.
Earring or similar article. A. Katz. 151,143, Sept. 28.
Earring or similar article. A. Katz. 151,145, Sept. 28.
Earring or similar article. A. Katz. 151,148, Sept. 28.
Earring or similar article. A. Katz. 151,150, Sept. 28.
Earring or similar article. A. Katz. 151,152–4, Sept. 28.
Earring or similar article. A. Philippe. 151,164–8, Sept. 28.
Earring or similar article. A. Philippe. 151,175, Sept. 28.
Earring or similar article. A. Philippe. 151,182, Sept. 28.
Earring or similar article. A. Philippe. 151,184, Sept. 28.
Earring or similar article. A. Philippe. 151,187, Sept. 28.
Fishing reel. L. S. Elsinger. 151,120, Sept. 28.
Frame, Swing end. W. I. Smith. 151,196, Sept. 28.
Game board. J. Scarne. 151,193, Sept. 28.
Game board, Bowling. H. M. Wescott. 151,200, Sept. 28.
Hat. G. H. Hodge. 151,127–9, Sept. 28.
Heater. R. E. Kruck. 151,156–8, Sept. 28.
Holder, Fruit. M. J. Manca. 151,160, Sept. 28.
Lolly pop. G. Goodes. 151,124, Sept. 28.
Necklace or similar article. A. Philippe. 151,183, Sept. 28.
Necklace or similar article. A. Philippe. 151,185, Sept. 28.
Negligee. V. Giovagnoni. 151,123, Sept. 28.
Negligee. A. Macksoud. 151,159, Sept. 28.
Ornament, Table. C. W. Biener. 151,116, Sept. 28.
Perfume bottle. E. Gordon and H. Sanders. 151,125, Sept. 28.
Pool board, Rack. H. M. Wescott. 151,201, Sept. 28.
Ring, Finger. R. H. Taylor. 151,198, Sept. 28.
Shelf or similar article, Wall. S. K. Wolff. 151,203, Sept. 28.
Sprinkler, Traveling lawn. B. J. Borgerson. 151,118, Sept. 28.
Stand, electric heater, and fan, Combined. J. T. Rausch and G. Towne. 151,189, Sept. 28.
Stool or similar article. E. V. and V. E. Price. 151,188, Sept. 28.
Suit. G. Reiter. 151,191, Sept. 28.
Suit. B. Schultz. 151,194–5, Sept. 28.
Support for a soap tray or the like. F. A. Hilenski. 151,126, Sept. 28.
Table. C. Eames. 151,119, Sept. 28.
Table. J. L. Metz. 151,162, Sept. 28.
Tail light and end piece for motorcycle fenders, Combined. H. Firth. 151,122, Sept. 28.
Telephone desk unit. C. E. Erickson. 151,121, Sept. 28.
Tub filler with transfer unit for diverting water to shower. A. L. Thomssen. 151,199, Sept. 28.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 28TH DAY OF SEPTEMBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive machine. H. S. Indge. 2,450,237, Sept. 28.
Accounting machine. R. A. Christian, J. R. Ganger, and W. L. Paden. 2,450,121, Sept. 28.
Accumulator. A. Berger. 2,450,031, Sept. 28.
Acids from lactones, Preparation of substituted. T. L. Gresham. 2,449,987, Sept. 28.
Adapter, Hone. J. J. Palotsee. 2,450,294, Sept. 28.
Air charger for storage tanks. S. M. McCarthy. 2,450,291, Sept. 28.
Air conditioning grille or register assembly. H. E. Coleman. 2,450,184, Sept. 28.
Aircraft barrier. R. B. Cotton. 2,450,328, Sept. 28.
Aircraft wheel and tire. A. M. Stanley. 2,450,259, Sept. 28.
Air gun, Compressed. W. S. Wells. 2,450,029, Sept. 28.
Alloy for metal evaporation, Silver base. F. R. Hensel and E. I. Larsen. 2,450,340, Sept. 28.
Aminoalkyl-9,10-dihydroanthryl ketones. J. W. Cusic. 2,450,122, Sept. 28.
Amino-substituted acridines, Making. H. J. Barber. 2,450,367, Sept. 28.
Ammunition eliminating means, Spent. G. K. Richardson. 2,450,058, Sept. 28.
Amplifier, Second harmonic nonlinear. O. W. Livingston. 2,450,286, Sept. 28.
Antenna pattern tracer. M. L. Jones. 2,450,283, Sept. 28.
Antenna system for defining glide paths. L. J. Heaton-Armstrong. 2,449,999, Sept. 28.
Antiskid chain. E. P. Harold. 2,450,042, Sept. 28.
Apparatus and method for seismographic exploration shooting. J. D. Williams. 2,450,366, Sept. 28.
Apparatus for bending glass. J. P. Pearse and W. P. Bamford. 2,450,297, Sept. 28.
Apparatus for coiling thermoplastic material. O. C. Wilson and P. S. Britton. 2,450,324, Sept. 28.
Apparatus for continuous fermentation. F. Victorero. 2,450,218, Sept. 28.
Apparatus for engraving tombstones and the like. W. H. Thompson. 2,450,401, Sept. 28.
Apparatus for producing rock wool. O. J. Nelson. 2,450,013, Sept. 28.
Apparatus for reducing noise in microphone circuits. J. F. Andrews. 2,449,971, Sept. 28.
Apparatus for the treatment of textile strands. T. Jackson and F. B. Hill. 2,450,045, Sept. 28.
Apparatus for washing gel pellets. J. W. Payne, P. D. Valas, E. H. Atwood, and E. V. Bergstrom. 2,450,351, Sept. 28.
Applicator, Tampon. K. J. Harwood. 2,450,138, Sept. 28.
Arrangement for grinding and dressing machines, Work support. E. F. Hager. 2,450,135, Sept. 28.
Art device. H. J. Gardener and W. A. Blome. 2,450,127, Sept. 28.
Articles having fissured chromium surface electrodeposits, Producing. F. Passalacqua. 2,450,296, Sept. 28.
Aryl substituted ethylenic compounds, Production of. J. K. Dixon and D. R. May. 2,450,334, Sept. 28.
Automatic manually controlled clutch. C. L. Knott. 2,450,048, Sept. 28.
Auxiliary utility cabinet. F. T. Hearst. 2,450,337, Sept. 28.
Aviation trainer. K. A. Kail. 2,450,239, Sept. 28.
Axle for agricultural implements or the like. Replacement. R. F. Williams. 2,450,322, Sept. 28.
Axle, Multiple-speed. F. W. Avila. 2,450,073, Sept. 28.
Baler, Pickup. C. F. Crumb, L. H. Kaupke, R. R. Raney, and L. E. Smith. 2,450,082, Sept. 28.
Band tester, Rotating. P. W. Klipsch. 2,450,003, Sept. 28.
Band, Wrist watch. R. L. Hamilton. 2,450,136, Sept. 28.
Bar conditioner, Chain-saw. A. F. Stone and E. A. Hayden. 2,450,211, Sept. 28.
Bearing: *See*—
Resilient sash bearing.
Beta acyloxy acyl halides from beta lactones. T. L. Gresham and F. W. Shaver. 2,449,994, Sept. 28.
Beta-acyloxy carboxylic acid compounds and preparing the same. T. L. Gresham and J. E. Jansen. 2,449,990, Sept. 28.
Beta-aroxy carboxylic acids, Preparation of. T. L. Gresham and F. W. Shaver. 2,449,991, Sept. 28.
Beta-halo carboxylic acids, Preparation of. T. L. Gresham and F. W. Shaver. 2,449,993, Sept. 28.
Beta-lactones, Preparation of. J. R. Caldwell. 2,450,116, Sept. 28.
β-lactones, Preparation of. J. R. Caldwell. 2,450,117, Sept. 28.
β-lactones, Preparation of. J. R. Caldwell. 2,450,118, Sept. 28.
β-lactones, Preparation of. H. J. Hagemeyer, Jr. 2,450,132, Sept. 28.
β-lactones, Preparation of. H. J. Hagemeyer, Jr. 2,450,134, Sept. 28.
β-lactones, Preparing. H. J. Hagemeyer, Jr. 2,450,131, Sept. 28.
Beta-thio carboxylic acid compounds, Preparation of. T. L. Gresham and F. W. Shaver. 2,449,992, Sept. 28.
Beta-thio carboxylic acids, Preparation of. T. L. Gresham. 2,449,989, Sept. 28.
Beverage device. F. P. Allen. 2,450,177, Sept. 28.
Bleaching by hydrosulfite, Groundwood. H. J. Cronin. 2,450,034, Sept. 28.
Blowing apparatus, Oil well. J. B. Hawley, Jr. 2,450,140, Sept. 28.
Bobbin lifter. R. J. Bartholomew. 2,450,074, Sept. 28.
Body and bolster, Truck. W. B. Pridy. 2,450,204, Sept. 28.
Boiler: *See*—
Electric boiler.
Bolt, Connector. F. Pennell. 2,450,158, Sept. 28.
Box. S. B. De Mian. 2,450,035, Sept. 28.
Bracket: *See*—
Fluorescent ballast bracket.
Brake shoe adjusting gauge. J. M. Houston. 2,450,196, Sept. 28.
Burr-cutting tool. L. A. Basbara. 2,450,075, Sept. 28.
Cabinet: *See*—
Auxiliary utility cabinet.
Cabinet for electric organs, Tone. B. Hartsough. 2,450,139, Sept. 28.
Cable clamp. R. T. Lawry. 2,450,147, Sept. 28.
Cam actuator, Adjustable. K. G. Strunk and T. A. Lelek. 2,450,311, Sept. 28.
Cap: *See*—
Uniform cap.
Cap for wood posts, poles, and the like, Protective. W. M. Kervin. 2,450,345, Sept. 28.
Cap stayer, Folding uniform. I. and H. Libshutz. 2,450,148, Sept. 28.
Carburetor device. F. A. Kommer and R. W. Boehlow. 2,450,049, Sept. 28.
Card envelope and a card holder with detent retaining means, Cooperating. C. Lomholt. 2,450,008, Sept. 28.
Card game device, Outdoor. S. Zirin. 2,450,325, Sept. 28.
Carriage construction, Baby. F. Manning. 2,450,051, Sept. 28.
Cartoons, Producing animated. R. Place. 2,450,017, Sept. 28.
Caster unit. L. E. Blazey. 2,450,228, Sept. 28.
Catalyst for use in destructive hydrogenation of hydrocarbon oils, Preparation of. A. Voorhies, Jr. and W. E. Spicer. 2,450,316, Sept. 28.
Catalytic contact process. W. W. Weinrich, C. A. Holloway, Jr., and W. S. Bonnell. 2,450,174, Sept. 28.
Centrifugal pump provided with diffuser. G. P. E. Howard and A. Ivanoff. 2,450,143, Sept. 28.
Chain: *See*—
Antiskid chain.
Chain forming machine. L. B. Gilbert and R. J. Kieffer. 2,450,396, Sept. 28.
Checking device for the warp threads in circular looms. C. Christiansen and G. O. K. Rüsch. 2,450,183, Sept. 28.
Chlorohydroxynitrophenyl sulfide. W. F. Hester and W. E. Craig. 2,450,342, Sept. 28.
Chuck, Grinding wheel. A. O. Bush. 2,450,230, Sept. 28.
Circuit: *See*—
Electric control circuit. Modulator circuit.
Circuit breaker. C. E. Bazley. 2,450,268, Sept. 28.
Clamp: *See*—
Cable clamp.
Clamp for attaching articles to the tops of automobiles. W. H. Hunt. 2,450,090, Sept. 28.
Clamp for placing well casings. A. Trotter. 2,450,388, Sept. 28.
Clamping device of the vise type. A. M. Sasgen. 2,450,303, Sept. 28.
Clock. A. N. Woodruff. 2,450,264, Sept. 28.
Cloth bolt display rack. E. P. Bixer. 2,450,180, Sept. 28.
Cloth finishing. G. A. Schreiner. 2,450,022, Sept. 28.
Clutch: *See*—
Automatic manually controlled clutch.
Clutch operating mechanism. W. B. Barnes. 2,450,391, Sept. 28.

Coach or bus seat. H. C. Richardson. 2,450,093, Sept. 28.
Coating composition, Heat-resistant. H. D. Cogan and N. H. Ketcham. 2,450,327, Sept. 28.
Coaxial line coupling. G. C. Devol. 2,449,983, Sept. 28.
Collector for textile drafting mechanisms. J. Noguera. 2,450,251, Sept. 28.
Compensating device. A. Wright. 2,449,969, Sept. 28.
Compensator, Variable air gap turn. H. C. Wendt. 2,450,320, Sept. 28.
Compounds containing amidine groups, Manufacture of. W. F. Short and M. W. Partridge. 2,450,386, Sept. 28.
Compressible powder dispenser. W. H. Rose. 2,450,205. Sept. 28.
Compressor lubrication, Rotary. E. L. Fabian. 2,450,190, Sept. 28
Condensation of an arylalkane in the presence of lead alkyl, The. R. B. Thompson. 2,450,099, Sept. 28.
Connection strip as used in telephone and like systems, Cross. A. J. Humphries. 2,450,001, Sept. 28.
Connector: *See*—
Electrical connector.
Consumer type container. L. C. Brooks. 2,450,110, Sept. 28.
Container: *See*—
Consumer type container.
Container and dispensing device, Beverage. C. S. Lynch. 2,450,244, Sept. 28.
Container for corrosive substances, Glass-lined. P. E. Knudsen. 2,450,146, Sept. 28.
Container for electrical condensers or other apparatus, Tubular. P. A. Sporing and C. P. Johnson. 2,450,310, Sept. 28.
Control mechanism, Clutch. E. R. Price. 2,450,161, Sept. 28.
Control system. W. M. Pickslay. 2,450,159 Sept. 28.
Control valve mechanism. W. A. Eaton. 2,450,275, Sept. 28.
Conveyer: *See*—
Match comb handling conveyer. Pivoted lug conveyer. Pneumatic grain conveyer.
Cord springs to attachment plug caps, Connecting. A. Bellis. 2,450,369, Sept. 28.
Corrosion prevention. J. E. Seebold. 2,450,095, Sept. 28.
Coupling: *See*—
Coaxial line coupling.
Coupling device particularly for electric heating appliance stands, Electrical. T. J. Hall. 2,450,336, Sept. 28.
Coupling for flareless tubes. L. N. Vandervoort. 2,450,314, Sept. 28.
Crane, Fruit picker's. H. B. Miller. 2,450,152, Sept. 28.
Crotonic acid, Manufacture of. K. H. W. Tuerck. 2,450,389, Sept. 28.
Crystal apparatus, Piezoelectric. W. P. Mason. 2,450,010, Sept. 28.
Crystal apparatus, Piezoelectric. W. P. Mason. 2,450,011, Sept. 28.
Cultivator, Hand propelled wheeled. O. Hoffman. 2,450,236, Sept. 28.
Cutting apparatus, Forage, including a rotor having pocketed blades. C. E. Frudden. 2,450,277, Sept. 28.
Cutting mechanism, Web. P. L. Tollison. 2,450,312, Sept. 28.
Delay action control switch. S. Williamson. 2,450,323, Sept. 28.
Detection apparatus, Electrical. N. S. Rich. 2,450,166, Sept. 28.
Detection system, Tridimensional obstacle. H. G. Busignies. 2,450,076, Sept. 28.
Device for electric resistance heating of metals and controls therefor. W. H. Scott. 2,450,362, Sept. 28.
Device for trisecting angles. G. C. Robinson. 2,450,167, Sept. 28.
Die drawing of hollow glass blanks. C. P. Byrnes. 2,450,115, Sept. 28.
Dimerization of alpha-alkyl para-alkyl styrenes. A. J. Warner and T. H. Talbot. 2,450,027, Sept. 28.
Dimethyl styrene polymerization products and their preparation. K. H. Weber and P. O. Powers. 2,450,028, Sept. 28.
Direction finder, Radio. T. H. Clark. 2,449,978, Sept. 28.
Direction finding means for aviation trainers, Radio. K. A. Kail. 2,450,240, Sept. 28.
Discharge device, Electric. H. K. Ishler. 2,450,197, Sept. 28.
Discharge device of the magnetron type, Electron. P. L. Spencer. 2,450,023, Sept. 28.
Dispenser: *See*—
Compressible powder dispenser. Soap powder dispenser.
Dispensing unit, Grease. J. D. Morgan and P. B. Levitt. 2,450,248, Sept. 28.
Disposable inserts, Diaper having. F. K. Rickerson. 2,450,059, Sept. 28.
Distance measurement device, Sensitive. W. D. Hershberger. 2,450,341, Sept. 28.
Dolly for trailers and the like. W. A. Wilson. 2,450,215, Sept. 28.
Dolly, Outboard motor. W. E. Shiflet. 2,450,304, Sept. 28.
Door locking system, Coincidental vehicle. B. J. Craig. 2,450,372, Sept. 28.
Door operator, Automatic. C. T. Schirmer and M. Knobel. 2,450,021, Sept. 28.
Drawer, Tiltable utensil. J. R. Cummings. 2,450,233, Sept. 28.
Drilling machine. H. J. Willmott. 2,450,065, Sept. 28.
Drive mechanism, Dual. M. Ware. 2,450,214, Sept. 28.
Drive mechanism, Reversing. F. H. Winslow and W. S. Hammond. 2,450,262, Sept. 28.
Dropper. C. Bernabó. 2,450,225, Sept. 28.
Dye intermediates, Producing. T. R. Thompson. 2,450,400, Sept. 28.
Dynamoelectric machine. H. S. Maxwell. 2,450,290, Sept. 28.
Electric boiler. A. A. Smith. 2,450,061, Sept. 28.
Electric control circuit. H. W. Ainsworth. 2,450,216, Sept. 28.
Electric discharge device system, Reversely-connected. A. F. Cann. 2,450,032, Sept. 28.
Electric switch. R. N. Rowe. 2,450,256, Sept. 28.
Electric temperature device. F. E. Wise. 2,450,263, Sept. 28.
Electrical connector. C. W. Dann. 2,450,271, Sept. 28.
Electrical connector. J. C. Macy. 2,450,050, Sept. 28.
Electrical connector. J. C. Macy. 2,450,202, Sept. 28.
Electrical control instrument. E. N. Jacobi. 2,450,144, Sept. 28.
Electrical device having glass-to-metal seal. R. Gordon and H. Miller. 2,450,130, Sept. 28.
Electronic goniometer for radio direction finders. J. H. Newitt. 2,450,014, Sept. 28.
Embalmer's protector. E. R. Moore. 2,450,247, Sept. 28.
Emulsion polymeriation of methyl methacrylate. B. W. Howk and F. L. Johnston. 2,450,000, Sept. 28.
Emulsions containing trinuclear iminol cyanine dyes, Photographic. A. W. Anish. 2,450,390, Sept. 28.
Engine: *See*—
Internal-combustion engine.
Engine starter gearing. V. E. Gleasman. 2,450,129, Sept. 28.
Equipment for aviators, Training. R. L. West. 2,450,261, Sept. 28.
Esters of alpha beta unsaturated carboxylic acids, Preparation of. T. L. Gresham and F. W. Shaver. 2,449,995, Sept. 28.
Esters of dimerized 9,11-linolo-diricinolein and making same, Polycarboxy. M. De Groote. 2,450,332, Sept. 28.
Esters, Polyhydric alcohol. M. De Groote and A. F. Wirtel. 2,450,124, Sept. 28.
Esters, Polyhydric alcohol. M. De Groote and A. F. Wirtel. 2,450,333, Sept. 28.
Fabric. F. Kloeckener. 2,450,047, Sept. 28.
Factice and sulfurized oils, Manufacture of. K. C. Roberts. 2,450,384, Sept. 28.
Fastening device for cover plates. C. A. de Giers. 2,450,330, Sept. 28.
Fastening means for railway tracks, Spike. R. T. Scholes. 2,450,361, Sept. 28.
Faucet, Beer. L. F. Vetrano. 2,450,315, Sept. 28.
Featheredge device, Plasterer's. A. J. Schumock. 2,450,385, Sept. 28.
Feeding machine, Oven. R. L. Brosemer. 2,450,111, Sept. 28.
Fifth wheel assembly. O. A. Logan. 2,450,201, Sept. 28.
Filament and treating the same, Carburized. C. V. Litton. 2,450,007, Sept. 28.
Filter. T. H. Slater. 2,450,208, Sept. 28.
Filter and demother. B. A. Baxter. 2,450,368, Sept. 28.
Filters, Making porous metal. F. R. Hensel. 2,450,339, Sept. 28.
Fin construction, Radiator. D. E. Morgan. 2,450,203, Sept. 28.
Fitting. G. G. Smith. 2,450,170, Sept. 28.
5-hydroxy-1,3,4-triazaindolizines as stabilizers for photographic silver-halide emulsions. N. Heimbach. 2,450,397, Sept. 28.
Flotation of bone particles. M. D. Sanders. 2,450,398, Sept. 28.
Fluid meter. C. P. Bergman. 2,449,973, Sept. 28.
Fluorescent ballast bracket. R. F. Rowe. 2,450,302, Sept. 28.
Foam breaker, High-voltage. I. I. Pinkel. 2,450,016, Sept. 28.
Folding baby seat. E. Quiggle. 2,450,301, Sept. 28.
Folding table. A. E. Puls and E. R. Swenson. 2,450,353, Sept. 28.
Food composition containing fusaria. F. F. Nord. 2,450,055, Sept. 28.
Food product and method of production. W. P. M. Greick. 2,450,335, Sept. 28.
Frequency modulation at ultra high frequencies. F. L. Burroughs. 2,450,182, Sept. 28.
Friction material, Composition of. T. R. Stenberg. 2,450,171, Sept. 28.
Froth flotation of sulfide ores, Differential. H. L. Gibbs. 2,449,984, Sept. 28.
Fruit juices, Processing. G. Singleton. 2,450,097, Sept. 28.
Fuel system for staring. E. O. Wirth and W. E. Leibing. 2,450,175, Sept. 28.

Furnace: *See*—
Open-flame heated continuous furnace.
Fuse-setting apparatus. V. P. Harvey. 2,450,375, Sept. 28.
Game apparatus. H. C. Dunfee. 2,450,125, Sept. 28.
Gas-metallurgy, Noble. G. R. Burkhardt. 2,450,081, Sept. 28.
Gas treating apparatus. L. F. Marek. 2,450,289, Sept. 28.
Gauge: *See*—
Brake shoe adjusting gauge.
Push and pull load gauge.
Water gauge.
Gauge for liquefied petroleum gas tanks, Slip tube. J. R. Hollcer. 2,450,142, Sept. 28.
Gearing, Engine starter. D. L. Miller. 2,450,246, Sept. 28.
Germ preparation, Wheat. M. P. Cryuis. 2,450,123, Sept. 28.
Glass fibers, Method and apparatus for making fine. G. Slayer and E. Fletcher. 2,450,363, Sept. 28.
Glider sled. O. J. Lidberg. 2,450,285, Sept. 28.
Gocart, Folding. H. A. Fiene. 2,450,373, Sept. 28.
Golf practice device. W. N. Promen. 2,450,162, Sept. 28.
Golf teeing apparatus. J. F. Shouse. 2,450,206, Sept. 28.
Governor. R. R. Dulong. 2,450,037, Sept. 28.
Governor. W. E. Leibing. 2,450,199, Sept. 28.
Grease compositions, Block. P. R. McCarthy. 2,450,149, Sept. 28.
Grease, Lithium base. O. P. Puryear and H. V. Ashburn. 2,450,254, Sept. 28.
Grease, Shear-resistant. H. V. Ashburn, R. S. Barnett, and O. P. Puryear. 2,450,221, Sept. 28.
Grease, Texture-stable lithium base. H. V. Ashburn and O. P. Puryear. 2,450,219, Sept. 28.
Grease, Texture-stable lithium base. H. V. Ashburn and O. P. Puryear. 2,450,220, Sept. 28.
Greases, Rust-inhibiting. E. T. White and R. C. Robinson. 2,450,321, Sept. 28.
Greases, Shear-resistant. H. V. Ashburn, R. S. Barnett, and O. P. Puryear. 2,450,222, Sept. 28.
Grip. R. I. Sanderson. 2,450,094, Sept. 28.
Gripper for square bottomed paper bag forming machines, Side. A. O. Sohn. 2,450,309, Sept. 28.
Guard, Caster. G. Voss and V. G. Ellis. 2,450,062, Sept. 28.
Guide for drill chucks. H. J. Willmott. 2,450,066, Sept. 28.
Hammer, stamp, and the like, Drop. F. Emanuel. 2,450,189, Sept. 28.
Handle: *See*—
Pot handle.
Handle for portable electric tools, Switch. J. A. Perham. 2,450,380, Sept. 28.
Handle, Pot. J. B. Galliano. 2,450,193, Sept. 28.
Hanger: *See*—
Resilient shaft hanger.
Harness, Tail set. E. B. Ogan. 2,450,379, Sept. 28.
Head for ski pole rings, Swivel. S. Werner. 2,450,063, Sept. 28.
Headlamp control, Automobile. J. Clive. 2,450,370, Sept. 28.
Heterocyclic compounds, Production of. J. G. M. Bremner and D. G. Jones. 2,450,108, Sept. 28.
Hinge construction for toilet seats. P. J. Sperzel. 2,450,209, Sept. 28.
Holder: *See*—
Tap holder.
Holder for fluid processing, Film tensioning. D. A. Albert. 2,450,178, Sept. 28.
Holding device, Corner. F. J. Kendall. 2,450,091, Sept. 28.
Hydraulic mechanism, especially plural cylinder system and control therefor. F. T. Court. 2,450,270, Sept. 28.
Hydrofluoric acid alkalation process. F. E. Frey. 2,450,038, Sept. 28.
Ignition system. D. I. Bohn. 2,450,404, Sept. 28.
Ignition systems of internal-combustion engines, Testing electrical. F. R. F. Ramsay. 2,450,164, Sept. 28.
Indicating system, Location. H. G. Busignies. 2,449,977, Sept. 28.
Indicator for electric fences, Voltage. S. A. Moore. 2,450,153, Sept. 28.
Indicator for electric ranges. R. G. Sheidler. 2,450,399, Sept. 28.
Internal-combustion engine. H. R. Ricardo. 2,450,382, Sept. 28.
Iron: *See*—
Malleable cast iron.
Ironing board having steam generating means. L. Reichold. 2,450,092, Sept. 28.
Isomerization of pinene to camphene. W. F. Carson, Jr. 2,450,119, Sept. 28.
Isomerization process. F. E. Frey. 2,450,039, Sept. 28.
Jelly rolls or the like, Making. M. Cohen. 2,450,033, Sept. 28.
Joint structure. W. J. Campbell. 2,450,232, Sept. 28.
Knitting device. H. J. D. Wolff. 2,450,067, Sept. 28.
Knitting machine. H. H. Holmes. 2,450,376, Sept. 28.
Lactones, Preparing. H. J. Hagemeyer, Jr. 2,450,133, Sept. 28.
Lapping machine, Wire-drawing die. P. Bieberich. 2,450,077, Sept. 28.
Latch device. E. N. Jacobi. 2,450,145, Sept. 28.
Lathe, Automatic step turning. H. J. Sekmann and W. A. Kimsey. 2,450,096, Sept. 28.
Leveling and contouring machine. N. C. Locke. 2,450,200, Sept. 28.
Lever, Control. G. Quayle. 2,450,354, Sept. 28.
Lifter: *See*—
Bobbin lifter.
Light: *See*—
Portable hand light.
Line tightener and fastener. P. Romano. 2,450,358, Sept. 28.
Linkage for equispacing radially guided apparatus. R. W. Jenny. 2,450,046, Sept. 28.
Lithium base, Preparing. O. P. Puryear and H. V. Ashburn. 2,450,255, Sept. 28.
Lithium hydride and hydrides of other alkali metals, Producing. P. P. Alexander. 2,450,266, Sept. 28.
Lock: *See*—
Tool handle lock.
Locking mechanism. J. H. Roethel. 2,450,357, Sept. 28.
Locking system for vehicle doors. R. Marple. 2,450,052, Sept. 28.
Logging boreholes. A. Wolf. 2,450,265, Sept. 28.
Loom harness. J. J. Kaufmann, Sr. 2,450,241, Sept. 28.
Lure, Fishing. E. H. Parnell, Sr. 2,450,253, Sept. 28.
Magnesium from magnesia-containing materials, Recovering. R. Relk. 2,450,057, Sept. 28.
Malleable cast iron. H. A. Eckman and H. W. Maack. 2,450,395, Sept. 28.
Marine sea chest sand separator. B. R. Wright. 2,450,070, Sept. 28.
Marker and station selection apparatus, Timing. E. Schoenfeld. 2,450,360, Sept. 28.
Mat frame for evaporative coolers. A. S. Feinberg. 2,450,191, Sept. 28.
Match comb handling conveyer. R. S. Pullen. 2,450,163, Sept. 28.
Material for use in the manufacture of ear defenders and the like. P. S. Veneklasen and N. A. Watson. 2,450,101, Sept. 28.
Material lifting and transporting vehicle. H. A. and G. H. Wagner. 2,450,102, Sept. 28.
Measuring machine using light beams, Area. P. E. Nokes. 2,450,054, Sept. 28.
Measuring system, Temperature. A. A. Chabrol. 2,450,269, Sept. 28.
Mechanical gripping tool. D. H. McNaughton, Sr. 2,450,151, Sept. 28.
Metal sponges, Making. A. J. Homon. 2,450,280, Sept. 28.
Meter: *See*—
Fluid meter.
Photoelectric exposure meter.
Rotary fluid meter.
Meter for enlargers using differential means to indicate contrast, Photoelectric exposure. L. L. Weisglass. 2,450,319, Sept. 28.
Method and apparatus for bonding thin sections to heavier members. P. E. Cate. 2,450,120, Sept. 28.
Method and machine for producing propellers, ships' screws, and the like. W. Risch. 2,450,383, Sept. 28.
Microwave vacuum tube. H. O. Bishop and D. Kirk, Jr. 2,449,975, Sept. 28.
Milk extractor, Top. F. H. Vallton. 2,450,313, Sept. 28.
Milling mechanism. E. T. Nord. 2,450,350, Sept. 28.
Mirror, Rear view. J. W. Anderson, Jr. 2,450,179, Sept. 28.
Mixing valve. G. R. Gemmell. 2,450,128, Sept. 28.
Modulator circuit. J. C. Hansen. 2,449,998, Sept. 28.
Monitoring system, Radio. A. Preisman. 2,450,018, Sept. 28.
Motor control system, Traction. F. H. Pritchard. 2,450,300, Sept. 28.
Mounting for rock drills. G. H. Fuehrer. 2,450,278, Sept. 28.
Muffler. J. J. Thomas. 2,450,212, Sept. 28.
Multiple stage thermionic valve. A. J. Maddock. 2,450,009, Sept. 28.
Multistage centrifugal pump. A. J. Harlamoff. 2,450,137, Sept. 28.
Nail file. A. Silverman. 2,450,207, Sept. 28.
Nickel-impregnated clay catalyst and making same. A. Voorhies, Jr., and W. E. Spicer. 2,450,317, Sept. 28.
Nitrogen tetroxide, Obtaining. G. W. Batchelder and A. W. Hawkins. 2,450,105, Sept. 28.
Nozzle having fluid valve operated simultaneously with seal in flue, Flue washing. F. W. Smith. 2,450,308, Sept. 28.
Oil substances, Fractional separation of fatty. W. P. Gee. 2,450,235, Sept. 28.
Open-flame heated continuous furnace. F. N. Hays. 2,450,087, Sept. 28.
Ophthalmologist's tool. H. A. Blohm. 2,450,229, Sept. 28.
Organic compounds plasticized with an alkoxyalkyl ether of a halonitrophenol, Plasticizable. G. L. Doelling and K. H. Adams. 2,450,272, Sept. 28.
Oscillator control, Frequency modulated. R. H. Ranger. 2,450,019, Sept. 28.
Oxide ores, Treating. J. J. Howard and H. A. Heiligman, 2,450,343, Sept. 28.
Oxygen, Production of. B. B. Fogler and L. F. Marek. 2,450,276, Sept. 28.
Palladium oxide, Preparation of. H. E. Zschiegner. 2,450,176, Sept. 28.

Paper liner for adhesive rolls, Treated. H. V. Donaldson. 2,450,083, Sept. 28.
Partition for refrigerators. M. G. Shoemaker. 2,450,305, Sept. 28.
Paste, Paint. A. C. S. Zavaleta. 2,450,072, Sept. 28.
Phenolphthalein B, B'-diglucoside, Preparation of. R. A. Hales. 2,450,086, Sept. 28.
Phonograph, Automatic. A. L. Knox. 2,450,378, Sept. 28.
Photoelectric exposure meter. G. Maisch. 2,450,288, Sept. 28.
Pin setting machine, Automatic. J. F. Murphy. 2,450,249, Sept. 28.
Pipe fitting assembly, Adjustable. W. H. Grantham. 2,450,195, Sept. 28.
Piston for rotary engines. R. P. McCulloch, J. L. Ryde, and A. Gudmundsen. 2,450,150, Sept. 28.
Pivoted lug conveyer. F. G. Bemis and R. E. Pierce. 2,450,106, Sept. 28.
Plastic composition and wallboard made therefrom. M. Skolnik. 2,450,258, Sept. 28.
Pneumatic grain conveyer. G. W. McCarty. 2,450,053, Sept. 28.
Pointer return device. C. A. de Giers and S. B. Osterlund. 2,450,331, Sept. 28.
Polycarboxylic acids, Preparation of. T. L. Gresham. 2,449,988, Sept. 28.
Polymers of unsaturated glycidyl ethers and producing same, Autocondensation. T. W. Evans and E. C. Shokal. 2,450,234, Sept. 28.
Polymers, Stabilization of terpene. J. N. Borglin. 2,449,970, Sept. 28.
Polyol ether-esters, Waxy. K. R. Brown. 2,450,079, Sept. 28.
Portable hand light. J. W. Hobbs. 2,450,141, Sept. 28.
Poultry feed, Method for producing. R. E. Wagamon. 2,450,318, Sept. 28.
Pressing means for sole attaching machines, Welt. C. K. Woodman. 2,450,069, Sept. 28.
Pressure control, Cabin. P. F. Bechberger. 2,450,076, Sept. 28.
Pressure intensifier, Pressure fluid operated. E. R. Price. 2,450,160, Sept. 28.
Primer, Engine. A. L. Parker and J. F. Melichar. 2,450,295, Sept. 28.
Process of and apparatus for producing titanium dioxide. A. Pechukas. 2,450,156, Sept. 28.
Prop, Telescopic tubular. E. C. Gillet. 2,450,374, Sept. 28.
Protector: *See*—
Embalmer's protector.
Puller, Valve. H. L. Oserowsky. 2,450,293, Sept. 28.
Pulpstone. H. W. H. Beth. 2,450,226, Sept. 28.
Pulpstone. H. W. H. Beth. 2,450,227, Sept. 28.
Pump: *See*—
Multistage centrifugal pump.
Push and pull load gauge. B. De Graaf. 2,450,188, Sept. 28.
Quenching and conveying apparatus. R. E. Buckholdt. 2,450,112, Sept. 28.
Rack: *See*—
Cloth bolt display rack.
Radio beacon. L. A. de Rosa. 2,449,982, Sept. 28.
Radio beacon, Omnidirectional. E. Labine and D. D. Grieg. 2,450,005, Sept. 28.
Receiver for pulse waves. P. F. M. Gloess. 2,449,985, Sept. 28.
Record changer, Turnover. J. D. Weaver. 2,450,402, Sept. 28.
Rectifier disks, Manufacture of. E. A. Richards, L. J. Ellison, and F. Gray. 2,450,020, Sept. 28.
Rectifiers, Manufacture of dry contact. R. B. Grace, L. J. Ellison, H. S. Leman, C. W. Leng, and A. S. Bridge. 2,449,986, Sept. 28.
Reel: *See*—
Thread advancing reel.
Reel mechanism. L. E. Simmons. 2,450,257, Sept. 28.
Refrigerated display cabinet, Open-front. E. O. Henderson. 2,450,088, Sept. 28.
Refrigerating apparatus for cold storage cabinets. M. Burney. 2,450,114, Sept. 28.
Refrigerator cooled by a forced air circuit, Walk-in. C. C. Brinkoeter. 2,450,109, Sept. 28.
Register, Cash. H. O. Randall and J. B. Geers. 2,450,165, Sept. 28.
Regulator: *See*—
Voltage regulator.
Relay structure, Electromagnetic. G. Deakin. 2,449,981, Sept. 28.
Remote control system, Synchronous preset. M. N. Yardeny. 2,450,071, Sept. 28.
Removal of photographically active ingredients from gelatin. R. E. Damschroder and M. E. Kauffman. 2,449,980, Sept. 28.
Resilient sash bearing. F. Booth, Jr. 2,450,078, Sept. 28.
Resilient shaft hanger. F. M. Guy. 2,450,279, Sept. 28.
Rest, Toe. C. K. Woodman. 2,450,068, Sept. 28.
Retractor, Adjustable. M. A. Glaser. 2,450,194, Sept. 28.
Ring with spring means for connecting the same, Barrel and breech. M. Wernli. 2,450,064, Sept. 28.
Rolling machine, Sheet metal. A. L. Groves. 2,450,041, Sept. 28.
Rotary fluid meter. C. P. Bergman. 2,449,974, Sept. 28.
Rotary impact screw driver, Hand operated. H. F. Craven. 2,450,185, Sept. 28.
Rotating bands from projectiles, Method and device for removing. 2,449,979, Sept. 28.
Sand muller, including suspendable power-driven muller unit and underlying portable bowl receptacle, Portable molding. W. F. Piper and J. J. Soldat. 2,450,299, Sept. 28.
Sanding device for vehicles. F. J. Mason. 2,450,245, Sept. 28.
Saw, Masonry. N. C. Coates. 2,450,371, Sept. 28.
Screw and nut actuator, Antifriction. G. W. Jackson. 2,450,282, Sept. 28.
Seal for tank openings. W. C. Uhri. 2,450,173, Sept. 28.
Sealing machine having seaming mechanism actuated by fluid pressure operated means responsive to vacuum, Container. A. L. Kronquest and M. M. Sedwick. 2,450,243, Sept. 28.
Seat: *See*—
Coach or bus seat.
Folding baby seat.
Seat anchoring device. R. S. Turner. 2,450,213, Sept. 28.
Securing device. H. F. Oliver. 2,450,252, Sept. 28.
Securing device. R. F. Sickles. 2,450,306, Sept. 28.
Separator: *See*—
Marine sea chest sand separator.
Servo control system, Electric motor. J. F. Emerson. 2,450,084, Sept. 28.
Servomotor, Pressure fluid follow-up. W. A. Eaton. 2,450,274, Sept. 28.
Set, Comb and brush. A. H. Jung. 2,450,344, Sept. 28.
Sewing machine. O. R. Haas. 2,450,043, Sept. 28.
Shock absorber. W. J. Osterhoudt. 2,450,154, Sept. 28.
Shock absorber, Pneumatic. P. W. Thornhill. 2,450,387, Sept. 28.
Shock absorber, Steerable wheel. N. N. O. Odegaard. 2,450,015, Sept. 28.
Shoe, Hinged heel. J. R. Napton. 2,450,250, Sept. 28.
Shopping bag and handbag, Combined. W. P. Gibson. 2,450,040, Sept. 28.
Sling, Braided. D. S. Robbins. 2,450,355, Sept. 28.
Sling and making same, Braided. D. S. Robbins. 2,450,356, Sept. 28.
Slotting and tenoning machine. A. Boucher and L. Parveau. 2,450,181, Sept. 28.
Soap greases, Preparation of barium. E. A. Bergmann, H. V. Ashburn, and G. W. Eckert. 2,450,224, Sept. 28.
Soap powder dispenser. G. H. Packwood, Jr. 2,450,155, Sept. 28.
Speed control device for motor vehicles. P. J. Burchett. 2,450,113, Sept. 28.
Spheroidal catalysts, Preparation of. H. T. Brown and R. V. Shankland. 2,450,394, Sept. 28.
Spindle stop, Lathe. G. Knox. 2,450,004, Sept. 28.
Splint, Clavicle. F. W. Peterson and O. S. Kirschner. 2,450,298, Sept. 28.
Sprouting of buds. F. E. Denny. 2,450,036, Sept. 28.
Stand for cylinder type vacuum cleaners, Accessory. P. E. Stoner. 2,450,172, Sept. 28.
Starch-resin reaction product and producing the same. C. C. Kesler, W. C. Black, W. L. Hicks, and C. N. Owen. 2,450,377, Sept. 28.
Starter, Engine. J. E. Buxton. 2,450,231, Sept. 28.
Static electricity, Elimination of. R. Beach. 2,449,972, Sept. 28.
Steering mechanism, Fluid power. D. P. Fisher. 2,450,126, Sept. 28.
Stirrup for jack sticks in looms. C. E. Kennett. 2,450,198, Sept. 28.
Stove, Gasoline field. L. J. Stein. 2,450,025, Sept. 28.
Strainer valve and operating mechanism therefor, Sink. P. F. Donahue. 2,450,392, Sept. 28.
Strainer valve and operating mechanism therefor, Sink. P. F. Donahue. 2,450,393, Sept. 28.
Strap, Battery plate-connecting. W. C. Sargent. 2,450,359, Sept. 28.
String depressor for stringed musical instruments. H. L. Sprague. 2,450,210, Sept. 28.
Structure for controlling flow of gases through absorbers, Valve. J. A. Heidbrink. 2,450,338, Sept. 28.
Sucker rod backoff wheel. F. Austin. 2,450,103, Sept. 28.
Suction cleaner with agitator drive disengaging means, Convertible. P. T. Hahn and G. R. Coss. 2,449,997, Sept. 28.
Suit, Swimming. J. O. Gantner, Jr. 2,450,085, Sept. 28.
Sulfur containing dicarboxylic acids, Preparation of. T. L. Gresham and F. W. Shaver. 2,449,996, Sept. 28.
Sulfurized jojoba oil, Making. F. B. Wells. 2,450,403, Sept. 28.
Surveying instrument, Well. R. Ring. 2,450,060, Sept. 28.
Sweatband, Hat. H. Selden. 2,450,169, Sept. 28.
Switch: *See*—
Delay action control switch.
Electric switch.
Table: *See*—
Folding table.
Take-off device, Power. J. H. Burrell and P. E. Richey. 2,450,080, Sept. 28.
Tap holder. B. H. Jordan. 2,450,238, Sept. 28.
Teat draining tube. H. A. Alcorn. 2,450,217, Sept. 28.
Telegraph system and apparatus, Facsimile. R. J. Wise. 2,450,030, Sept. 28.

Terminal, High-voltage. W. Dubilier. 2,450,273, Sept. 28.
Test prints of photographic color print material by three nonuniform part exposures of a test triangle to three colors, Device to make. A. Simmon and L. L. Weisglass. 2,450,307, Sept. 28.
Thermionic device for use with wave guides. S. Tomlin. 2,450,026, Sept. 28.
Thermometer package. V. and F. O. V. Hiergesell. 2,450,089, Sept. 28.
Thickener. F. G. Lesniak. 2,450,006, Sept. 28.
Thread advancing reel. R. W. Stanley and C. A. Castellan. 2,450,024, Sept. 28.
Timer, Range. J. R. Macintyre. 2,450,287, Sept. 28.
Timing switch for electric circuits, Pneumatic. E. C. Deane. 2,450,329, Sept. 28.
Tool: *See*—
Burr-cutting tool. Ophthalmologist's tool.
Mechanical gripping tool.
Tool handle lock. B. J. Hobbs. 2,450,044, Sept. 28.
Toolholder. H. L. Thompson and N. King. 2,450,365, Sept. 28.
Toothbrush, Pocket. T. F. Jackson. 2,450,002, Sept. 28.
Toy, Interchangeable. G. E. and J. A. Berger. 2,450,326, Sept. 28.
Transducer, Electroacoustical. L. E. Barton. 2,450,104, Sept. 28.
Transmission mechanism. C. D. Peterson and A. H. Deimel. 2,450,056, Sept. 28.
Treatment by azeotropic distillation of complex mixtures. S. J. Ralph and G. A. Dummett. 2,450,351, Sept. 28.
Treatment of flour for controlling its strength. H. H. Ward. 2,450,260, Sept. 28.
Trimmer, Sole edge. A. C. Nelson. 2,450,292, Sept. 28.
True surfaces, Preparing. S. C. Peckett. 2,450,157, Sept. 28.
Tube: *See*—
Microwave vacuum tube. Teat draining tube.
Tuning unit, Ultra high frequency. W. C. Freeman, Jr. 2,450,192, Sept. 28.
Turbine blower. B. W. Curry. 2,450,186, Sept. 28.
Undergarment. J. Schwartz. 2,450,163, Sept. 28.
Uniform cap. B. Lev. 2,450,284, Sept. 28.
Utensil, Kitchen. J. E. Krilow. 2,450,346, Sept. 28.
Utensil, Paring. J. E. Krilow. 2,450,347, Sept. 28.
Utensil, Vegetable slitting. J. E. Krilow. 2,450,348, Sept. 28.
Vacuum still, Mercury. M. A. Smith. 2,450,098, Sept. 28.
Valve: *See*—
Mixing valve.
Multiple stage thermionic valve.
Valve. W. J. Klod. 2,450,242, Sept. 28.
Vehicle: *See*—
Material lifting and transporting vehicle.
Vessel and deflector therefor, Mixing. F. D. Bostwick. 2,450,107, Sept. 28.
Voltage regulator. W. S. Master and E. Engelman. 2,450,012, Sept. 28.
Water gauge. C. M. Angel and R. A. Culbertson. 2,450,267, Sept. 28.
Wave correction means and method, Seismic. R. G. Piety. 2,450,352, Sept. 28.
Web cutting mechanism. P. L. Tollison. 2,450,312, Sept. 28.
Weighing machine, Power lift material. P. D. Hudson. 2,450,281, Sept. 28.
Well reaming apparatus. W. R. Barbour. 2,450,223, Sept. 28.
Wheel: *See*—
Sucker rod backoff wheel.
Wheel construction. W. G. Toland. 2,450,100, Sept. 28.
Winding machine. I. W. Day. 2,450,187, Sept. 28.
Window assembly, Guarded. J. L. Mayer. 2,450,349, Sept. 28.
Wrapper for frozen confections. S. B. Smith. 2,450,364, Sept. 28.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 28, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

2,449,975:	250—20	2,450,079:	260—234	2,450,149:	252—42	2,450,197:	316—4	2,450,315:	226—109	2,450,384:	260—399
2,449,976:	343—11	2,450,093:	155—16	2,450,150:	123—11	2,450,221:	252—42.1	2,450,330:	189—78	2,450,386:	260—293
2,449,979:	51—98	2,450,094:	287—108	2,450,155:	222—196	2,450,235:	260—419	2,450,339:	29—163.5	2,450,394:	252—448
2,449,990:	260—404.8	2,450,099:	204—162	2,450,165:	235—2	2,450,248:	222—255	2,450,344:	132—86	2,450,399:	219—37
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2,450,028:	260—79	2,450,114:	62—99	2,450,182:	332—27	2,450,265:	250—83.3	2,450,347:	30—279		
2,450,032:	323—24	2,450,121:	235—60.31	2,450,189:	78—25	2,450,283:	235—58	2,450,361:	238—303		
2,450,055:	99—11	2,450,130:	220—67	2,450,190:	230—144	2,450,293:	29—270	2,450,374:	248—355		
2,450,064:	89—16	2,450,148:	2—195	2,450,195:	285—120	2,450,308:	134—95	2,450,375:	89—6		

CLASSIFICATION OF DESIGNS

D 3— 4: Des. 151,190
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Des. 151,194
Des. 151,195
D 3—13: Des. 151,127
Des. 151,128
Des. 151,129
26: Des. 151,123
Des. 151,159
Des. 151,197
D 4— 3: Des. 151,126
D10— 8: Des. 151,131
D15— 8: Des. 151,188
11: Des. 151,196
D26— 5: Des. 151,117

D26—14: Des. 151,121
D29—23: Des. 151,116
D31— 4: Des. 151,120
D33— 3: Des. 151,203
14: Des. 151,119
Des. 151,162
D34— 5: Des. 151,193
Des. 151,200
Des. 151,201
D44—29: Des. 151,160
D45— 1: Des. 151,130
4: Des. 151,186
9: Des. 151,132
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Des. 151,135

D45— 9: Des. 151,136
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27: Des. 151,202
D58— 9: Des. 151,125
D81—10: Des. 151,189
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D82— 2: Des. 151,124
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D90— 1: Des. 151,122
D91— 1: Des. 151,118
Des. 151,192
3: Des. 151,199

U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE LANE

No. 5478. Decided June 1, 1948

[168 F.2d 551; 78 USPQ 85]

1. WORDS AND PHRASES—"IMPREGNATE."
Held that the term "impregnate" does not necessarily mean saturate.
2. PATENTABILITY—METHOD OF MAKING FOOD PRODUCT.
Certain claims to a method of making an edible food product involving the impregnation of the food with clam juice *Held* obvious in view of the references of record.

APPEAL from the Patent Office. Serial No. 486,927.

AFFIRMED.

David Rines for Lane.

W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting all of the claims, Nos. 1, 8, 10, 12, 14, 15, and 16 in appellant's application for a patent for an alleged invention relating to a method of making a food product. Claims 1 and 15 are sufficiently representative of the appealed claims. They read:

1. A method of making an edible product that comprises impregnating the product with a sea-food juice, and cooking the impregnated product.

15. A method of making a potato chip that comprises crushing clams to extract the juice thereof, impregnating a slice of potato with the clam juice thus obtained, and frying the impregnated slice of potato.

The references relied on are: Ida Bailey Allen's Cook Book—1935, pages 489 and 689; Everybody's Cook Book—Lord—1924, page 118; Marine Products of Commerce—Tressler, 1923, page 546.

Appellant's application discloses a process of making a food product having the flavor of clams. The process comprises crushing clams, shells and all, to extract the juice and incorporating the juice in various foods. Thus, potato slices may be dipped in the clam juice before baking, to form potato chips and cracker dough may be dipped in clam juice before baking.

The Marine Products of Commerce publication discloses that clam liquor and clam extract are articles of commerce.

The cook books cited as references disclose that it is old to add clams to potatoes prior to cooking and that it is old to add onion juice to potatoes and orange extract to a mixture for biscuit glacé.

It was the view of the Examiner, whose decision was affirmed by the Board, that, since the cook books show it to be old to add flavoring juices to potatoes and to a biscuit glacé mixture, and to use clams for flavoring potatoes, and since clam liquor and extract are commercial products, there was no invention in adding clam juice to potato chips, cracker dough, or any other desired food product. It is obvious that the selection of the particular food and the particular juice to be used involves nothing more than a matter of choice.

Counsel for appellant, in his brief, relies on the fact that appellant uses clam juice which would otherwise be wasted, but this fact is not brought out in the claims and can have no bearing on their patentability.

Certain claims state that the clam juice is obtained by crushing, but this is a common method of extracting juice from various products, and involves no invention.

[1] Counsel for appellant also relies on the large amount of clam juice incorporated in his products. No definite amount of juice is called for by the appealed claims, since the term "impregnate" does not necessarily mean "saturate." Moreover, the exact amount of juice used is merely a matter of choice.

[2] We have carefully considered the various arguments advanced by counsel for appellant, but are of opinion that the processes defined by the appealed claims would be obvious in view of the references of record.

For the reasons stated, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

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PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,790,288, H. E. Tautz, Fence for jointers; 2,085,131, same, Jointer fence; 1,938,548, same, Machine table extension; 2,325,082, same, Rip gauge; 1,963,688, same, Hollow fence bar and process of making same; 1,896,924, C. A. Ulrich, Table for saws, filed Aug. 13, 1948, D. C., E. D. Wis. (Milwaukee), Doc. 4583, *Rockwell Mfg. Co. v. Sears, Roebuck & Co.*

1,820,867, 1,963,778, H. R. Crowder, Transfer sheet and method of making same, filed (notice Aug. 23, 1948), D. C. of U. S., District of Columbia, Doc. 3437–48, *Para-Tone Co. v. Williams & Heintz Co., Inc.*

1,896,924. (See 1,790,288.)

1,900,805, C. F. Davis, Metal edged gypsum lumber; Re. 20,275, same, Gypsum lumber; 2,142,305, same, Building unit and construction; 2,241,266, Mayne & Callander, Metal frame for building construction units; 2,115,936, J. Sterns, Interlocked gypsum lumber, D. Cr, S. D. N. Y., Doc. 43/261, *Certain Teed Products Corp. v. American Cyanamid Co.* Stipulation and order dismissing complaint on consent Aug. 25, 1948.

1,906,028, Weber & Howard, Upholstery pad and method of making same, filed Aug. 19, 1948, D. C., N. D. Ill., E. Div., Doc. 48c1198, *The Moulded Hair Co. v. Chicago Curled Hair Co. et al.*

1,911,903, 2,109,620, J. B. Kirby, Laundry machine; 1,969,176, same, Washing machine, filed Aug. 18, 1948, D. C., S. D. Ohio (Dayton), Doc. 975, *The Apex Electrical Mfg. Co. v. Sears, Roebuck & Co.*

1,938,548. (See 1,790,288.)

1,949,098, A. W. Becker, Windshield clearing device; 2,206,814, E. C. Horton, Windshield clearing system, filed Aug. 19, 1948, D. C., N. D. Iowa (Cedar Rapids), Doc. 315, *Trico Products Corp v. Eldora Mill & Mfg. Co.*

1,963,688. (See 1,790,288.) 1,963,778. (See 1,820,867.)

1,969,176. (See 1,911,903.)

1,997,995, J. R. Bowen, Brassière, D. C., N. D. Okla. (Tulsa), Doc. 2178, *Hollywood Maxwell Co. v. Street's of Tulsa.* Judgment granting injunction July 26, 1948.

2,078,940, J. J. Grebe, Screen cloth, suit for declaratory judgment Aug. 24, 1948, D. C. Mich. (Grand Rapids), Doc. 1186, *The Permanent Metals Corp. v. Ewing Development Co.*

2,085,131. (See 1,790,228.) 2,109,620. (See 1,911,903.)

2,115,936. (See 1,900,805.) 2,142,305. (See 1,900,805.)

2,206,814. (See 1,949,098.)

2,230,862, W. G. Carroll, Cooler apparatus, filed Aug. 11, 1948, D. C., S. D. Calif., C. Div., Doc. 8523–W, *W. G. Carroll v. Sears, Roebuck & Co.*

2,241,266. (See 1,900,805.)

2,253,902, P. Z. Gordon, Ladies undergarment, filed Aug. 13, 1948, D. C., E. D. N. Y., Doc. 9282, *Pauline Gordon, Inc., v. Toni Lee, Ltd.*

2,258,413, M. Koven, Gem setting, filed Aug. 23, 1948, D. C., S. D. N. Y., Doc. 47/165, *Coro, Inc., v. Renad Novelty Co.*

2,325,082. (See 1,790,288.)

2,439,274, T. Spector, Wrist band or strap for watches, filed Aug. 13, 1948, D. C., S. D. N. Y., Doc. 47/89, *Metro Leather Novelty Co. v. American Strap Co., Inc.*

2,441,746, E. Bernath, Raincoat construction, filed Aug. 17, 1948, D. C., S. D. N. Y., Doc. 47/107, *Bernath & Co., Inc., v. Sport & Travel, Inc.*

Re. 20,275. (See 1,900,805.)

Re. 22,900, C. Harold, Power unit for amusement devices, filed Aug. 24, 1948, D. C., E. D. Mich. (Detroit), Doc. 7587, *J. B. Tigrett v. House of Plate, Inc.*

Des. 146,989, S. E. Sanders, Hair cutting comb, filed Aug. 20, 1948, D. C., E. D. Mo. (St. Louis), Doc. 6065, *Sta-Neet Corp. v. A. M. Goldstein et al.*

Des. 148,925, H. A. Ganser, Coater, filed Aug. 13, 1948, D. C., S. D. N. Y., Doc. 47/84, *Plastic Jewel Co., Inc., v. Lapin Producers, Inc.*

Des. 150,009, C. B. Greenberg, Wrist watch strap buckle, filed Aug. 12, 1948, D. C., S. D. N. Y., Doc. 47/80, *Algren Products Co. v. Lasko Strap Co.*

T. M. 248,619, Kraft-Phenix Cheese Co., Powdered whey solid, filed Aug. 6, 1948, D. C., N. D. Ill., E. Div., Doc. 48c1129, *Kraft Foods Co. v. W. C. Pratt Co.*

T. M. 310,181, Wine & Spirit Vaults, Ltd., Whisky, filed Aug. 16, 1948, D. C. N. J. (Newark), Doc. 11562, *Ducan Weston & Co., Ltd., v. Weston & Co., Inc.*

NOTICES

Withdrawal or Dismissal of Appeal

In order to clarify the status of applications on appeal where there has been a withdrawal of the appeal or a failure to prosecute the same and to secure uniformity of action among the Examiners, the Examiners are instructed to observe the practice set forth herein which supersedes any prior decisions or instructions of the Commissioner inconsistent therewith.

1. *Withdrawal of appeal.* Where, after appeal has been filed and before decision by the Board of Appeals, an appellant withdraws the appeal more than six months after the date of the final rejection, the application is to be considered abandoned as of the date on which the appeal was withdrawn except as provided in paragraph numbered 2.

Note. Where a letter abandoning the application is filed in accordance with Rule 171, the effective date of abandonment is the date of filing of such letter, which is the usual practice.

2. *Same. Claims standing allowed.* If the application contains allowed claims, as well as claims appealed, the withdrawal of the appeal does not operate as an abandonment of the application, but is considered a withdrawal of the appealed claims and authority to the Examiner to cancel the same. An amendment cancelling the appealed claims is equivalent to a withdrawal of the appeal.

3. *Same. Partial withdrawal.* A withdrawal of the appeal as to some only of the claims on appeal operates to withdraw those claims from the case and the appeal continues as to the remaining claims. The withdrawn claims will be cancelled by the Examiner when necessary without further action by the applicant.

4. *Failure to prosecute appeal.* If a brief is filed within the time allowed, failure to appear at the hearing will result only in the case being considered on brief. If no brief is filed and no appearance is made at the hearing, the appeal stands dismissed and the application is considered as abandoned on the date set for the hearing regardless of whether there are allowed claims. The letter from the Board of Appeals notifying the appellant that the appeal stands dismissed is not an action in the case and does not start a new period for reply.

5. *Case before the court.* When the case is before the court either on appeal or in a civil action under R. S. 4915, the status of the application in the event of a dismissal must be determined according to the circumstances leading to the dismissal. In no event will the application be considered abandoned as of a date prior to the date of the dismissal by reason of the dismissal alone.

LAWRENCE C. KINGSLAND,
Commissioner of Patents.

September 3, 1948.

Notice of Tentative Recordation of Trade Name

[T. D. 52034]

Tentative recordation of trade name under section 42, Trade-Mark Act of July 5, 1946, and section 11.16, Customs Regulations of 1943

TREASURY DEPARTMENT
OFFICE OF THE COMMISSIONER OF CUSTOMS
Washington, D. C., Sept. 2, 1948

To Collectors of Customs and Others Concerned:

An application has been filed in the Treasury Department for the recordation of the following-described trade name under the provisions of section 42, Trade-mark Act of July 5, 1946, and section 11.16, Customs Regulations of 1943:

"Holland Watch Company," owned by Friedman's Georgia, Inc., 805 Ellis Street, Augusta, Georgia, which is used in connection with the buying, selling, and importing of watches, watch movements and parts thereof, the imported merchandise being manufactured in Switzerland.

The recordation of the foregoing trade name shall become final at the expiration of 30 days after September 21, 1948. Any person who desires to file an opposition to the recordation of this trade name shall file it with the Commissioner of Customs prior to the expiration of such 30-day period.

Until the expiration of the above-mentioned 30-day period any articles of foreign manufacture bearing names or marks which copy or simulate the above-mentioned trade name shall be detained, but not seized, and thereafter shall receive the treatment provided for in section 11.17, Customs Regulations of 1943, unless notice of the cancellation of the recordation is sooner received.

(Signed) FRANK DOW,
Acting Commissioner of Customs.

Notice of Tentative Recordation of Trade Name

[T. D. 52043]

Tentative recordation of trade name under section 42, Trade-Mark Act of July 5, 1946, and section 11.16, Customs Regulations of 1943

TREASURY DEPARTMENT
OFFICE OF THE COMMISSIONER OF CUSTOMS
Washington, D. C., Sept. 8, 1948

To Collectors of Customs and Others Concerned:

An application has been filed in the Treasury Department for the recordation of the following-described trade name under the provisions of section 42, Trade-Mark Act of July 5, 1946, and section 11.16, Customs Regulations of 1943:

"EKCO," owned by Ekco Products Company, a corporation of Illinois, 1940 North Cicero Avenue, Chicago 39, Illinois, which is used in connection with kitchen tools and utensils, cutlery, tableware, metal household specialties, commercial baking pans, shoe trees and flashlights, manufactured in the United States. The trade name is also used on certain imported articles such as knives and forks.

The recordation of the foregoing trade name shall become final at the expiration of 30 days after September 28, 1948. Any person who desires to file an opposition to the recordation of this trade name shall file it with the Commissioner of Customs prior to the expiration of such 30-day period.

Until the expiration of the above-mentioned 30-day period any articles of foreign manufacture bearing names or marks which copy or simulate the above-mentioned trade name shall be detained, but not seized, and thereafter shall receive the treatment provided for in section 11.17, Customs Regulations of 1943, unless notice of the cancellation of the recordation is sooner received.

(Signed) FRANK DOW,
Acting Commissioner of Customs.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual. Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,442,798. SPOT WELDER TIP. Patented June 8, 1948. Tip for the holder of a spot welder is easily released should it become stuck or jammed in its seat. The tip is externally threaded next to its tapered seating end, and a nut is screwed on the threaded portion. When the nut is tightened, it will abut the end of the holder and forcibly pull the tip outwardly and unseat it. (Owner) E. Crabtree, Dominion Welders & Machinery Limited, 322 Lumsden Ave., Toronto, Canada. Groups 33—59; 35—69. Reg. No. 9,959.

Pat. 2,443,797. ELECTRIC PLUG ADAPTER. Patented June 22, 1948. Plug adapter for use between an outlet and a plug compensates for wear and distortion of the female contacts of the outlet and prongs of the plug to assure good electrical contact for longer periods. Each conductor of the adapter is bent upon itself to form a pair of spaced, non-contacting resilient legs having relative movement toward and away from each other. The lower end of each conductor constitutes a prong for the adapter and the upper end female contacts. One leg of each conductor is bent to form an outwardly facing cam on each prong and an inwardly facing cam on a female contact. A lip and a spur formed on the other leg are embedded in the casing of the plug. (Owners) C. Tracy LaCost and William J. Miller, M & L Manufacturing Co., 613 Gardner Bldg., Toledo 4, Ohio. Group 36—11. Reg. No. 9,960.

Pat. 2,445,376. ELECTROMAGNETIC LOCK-OPENING SYSTEM. Patented July 20, 1948. This lock system provides a double set of switches, the proper combination of which must be operated to open lock. The system includes a battery, a solenoid from which a lock bolt protrudes in proper alignment with a keeper, and a series of interrelated primary and secondary switches connected to conductors in such a way that when specific switches of the secondary series are closed, the lock can be opened only by the operation of complemental switches in the primary series. (Owner) Thomas J. Woolmer, Jr., 2709 Fenwick Ave., Baltimore 18, Md. Groups 33—59; 36—11. Reg. No. 9,961.

Pat. 2,445,147. STOCK CENTERING CHUCK. Patented July 13, 1948. Chuck for forming lathe-centers in workpieces consists of a circular body having an axial shank socket in its inner end and a larger axial work-receiving socket in its outer end. An axial opening communicates with both sockets. A shaft spindle fitted in the shank socket carries a center drill for contacting a workpiece in the work-receiving socket. Adjustable work-centering chuck jaws, each having a threaded pin, are slidably mounted in radial grooves in the body surrounding the work-receiving socket. A manually adjustable cap on outer end of body is formed with a central work-admitting opening and a series of cam slots around the opening for engaging the pins of the jaws. Clamping nuts threaded on the pins hold cap and jaws in various adjusted positions. When the nuts are loosened, the cap may be rotated in reverse directions to open and close jaws. (Owner) Albert E. Meunier, 74 John St., Pawtucket, R. I. Group 35—43. Reg. No. 9,962.

The following patents are owned by Herbert E. Page, 2846 Westshire Drive, Hollywood 28, Calif.

Pat. 2,154,956. HYDRAULIC PRESSURE MULTIPLYING MECHANISM. Patented Apr. 18, 1939. This hydraulic unit embodies a shiftable body (containing an anchored power piston) parallel with the chamber in which a pumping piston operates. A check valve is positioned in a passage between the two chambers on the pressure side. A few strokes of the pumping piston will quickly move the shiftable body to bring an actuating member into contact with work load. Thereafter, the pumping piston pumps fluid into the work chamber, where the pressure is multiplied to cause the actuated part to apply heavy pressure to the work. Group 35—66—69. Reg. No. 9,963.

Pat. 2,284,228. PRESSURE MULTIPLYING MECHANISM. Patented May 26, 1942. Hydraulic unit embodies a fixed body formed with a pair of axially aligned pressure chambers of different diameters, with a pumping piston operating in the smaller chamber and a work piston operating in the large chamber. A check valve is placed in the smaller chamber to provide an intermediate chamber which communicates with the large chamber and with a relatively small auxiliary chamber formed in the bore of the work piston. A few strokes of the pumping piston will force fluid into the auxiliary chamber to move the work piston outwardly, causing quick movement of a work-engaging member into contact with a load. Thereafter, the pumping piston forces fluid into the large chamber behind work piston to apply heavy pressure to the work-engaging member. Groups 35—69; 38—31. Reg. No. 9,964.

Pat. 2,386,568. HYDRAULIC PRESSURE-APPLYING DEVICE. Patented Oct. 9, 1945. Hydraulic unit embodies a shiftable body formed with a plurality of parallel work pistons and cylinders of progressively increasing diameter and a pressure-generating piston and cylinder. The generating piston is independently operable to quickly move the body into contact with a work load. Thereafter, automatic means control selection and utilization of the correct work piston to meet pressure requirements of a given operation. The outer ends of the cylinders are closed by plugs so that the pistons divide the cylinders into double pressure chambers. Piston rods connected to opposite ends of the pistons project outwardly through the plugs. Levers for actuating the generating piston, and work-engaging members are disposed at opposite sides of the shiftable body. The levers are respectively connected to the outer ends of the piston rods of the pressure-generating piston. The work-engaging members are respectively connected to the outer ends of the piston rods of the work pistons. Group 35—66—69. Reg. No. 9,965.

Pat. 2,387,940. HYDRAULIC JACK. Patented Oct. 30, 1945. In this hydraulic jack, fluid pressure is built up and stored in a surge chamber where it is maintained under pressure by a spring-loaded plunger. By manually opening a valve, fluid from the surge chamber is admitted into a relatively small auxiliary pressure chamber surrounding a work piston of the jack to quickly move the lifting arm into contact with the load to be lifted. After arm contacts the work, operation of the unit will simultaneously recharge surge chamber and pump fluid into a large work chamber to build up heavy pressure to further raise the arm. Groups 35—69; 38—31. Reg. No. 9,966.

Pat. 2,388,864. HYDRAULIC LIFT TRUCK. Patented Nov. 13, 1945. Hydraulic lift truck is of minimum height so that it may be positioned under a load to be lifted where clearance is limited. A work-supporting elevator platform is pivotally mounted and supported by pairs of links pivotally connected to the axles. One pair of these links integrally formed with a sleeve rotatably mounted on one of the axles is used to raise and lower elevator platform. The hydraulic unit for rotating the sleeve embodies a shiftable body having a cylinder with a stationary work piston therein, and a work chamber behind head of piston. A plug closing one end of cylinder is formed with a cylindrical bore in which a pumping piston operates. The pumping piston is operable independently of the work piston to quickly move elevator platform into contact with work to be lifted, and thereafter operable to pump fluid into work chamber to further raise platform. Hydraulic brakes of the truck are operated by fluid pressure from work chamber so that braking pressure is governed in accordance with load. Groups 35—69; 38—22. Reg. No. 9,967.

Pat. 2,391,187. HYDRAULIC ARBOR PRESS. Patented Dec. 18, 1945. Hydraulic arbor press includes a self-contained hydraulic ram carriage mounted on a supporting frame of press for movements toward and away from an adjustable work-holding bed. The ram is rigidly secured to lower end of carriage. A small pumping piston and a large stationary work piston extend downwardly into different cylinders in body of carriage. The pumping piston is operatively connected to a capstan by means including a safety clutch. A foot pedal is connected to clutch and to cam means for opening valves to release pressure in cylinders. Capstan may be manually rotated or oscillated. To maintain fixed pressure on the ram and render capstan and pumping piston inoperable to increase the pressure, the foot pedal is depressed below a stop to disengage the safety clutch and open a valve to release pressure in a pumping cylinder. Further depression of pedal below another stop will open another valve to release pressure in work cylinder, and permit springs to return carriage to its starting position. Group 35—66—69. Reg. No. 9,968.

Pat. 2,393,405. HYDRAULIC LIFT JACK Patented Jan. 22, 1946. Hydraulic jack is formed with a pair of cylinders with a pumping piston and a work-engaging piston operating in the respective cylinders. Tops of pistons protrude out of the cylinders. The bifurcated inner end of an operating lever fulcrumed on top of the pumping piston is pivotally connected to sides of work piston. In use, the lever is raised to lift the pumping piston. Vacuum created by outward movement of this piston opens a check valve and draws fluid from a reservoir into its cylinder. The lever is then fulcrumed on the pumping piston without pumping any fluid into work cylinder to quickly move the work piston into contact with a load. Vacuum similarly draws fluid from the reservoir into work cylinder. After contact with the load, the lever is reciprocated to cause pumping piston to force fluid into work cylinder to build up sufficient pressure therein to lift the load. Several modifications are shown. Groups 35—69; 38—31. Reg. No. 9,969.

Pat. 2,398,392. HYDRAULIC TORQUE WRENCH. Patented Apr. 16, 1946. Wrench visibly indicates the amount of applied torque by hydraulic means, and acts to automatically relieve torque application when a predetermined point is reached. A solenoid may be energized, when desired, to actuate a pumping piston to force fluid into a work chamber for delivering a series of hydraulically applied impact blows to wrench head. Two adjustable pistons, one within the other, may be screwed inwardly to build up pressure in a chamber to correspond with maximum torque pressure to be applied to the wrench. Pressure in this chamber is communicated through a line to a pointer of a gauge. A second pointer of gauge moves in response to pressure in a work chamber to indicate the amount of torque being applied. Groups 33—52; 38—31. Reg. No. 9,970.

Pat. 2,400,316. VERTICAL JACK. Patented May 14, 1946. The saddle of this jack is adapted to move substantially vertically instead of about an arc. After saddle has been raised to predetermined height, jack may be operated to move the saddle forwardly and downwardly about an arc to deposit load on a car or truck. Saddle is mounted on a pair of parallel swinging arms which have their inner ends pivotally connected to a longitudinally movable carriage. The carriage is formed with a work chamber in which a work piston operates. A third arm is operatively connected to one of the swinging arms, to base of jack, and to connecting rod of the work piston in a manner to function substantially as a bell crank. Groups 35—69; 38—31. Reg. No. 9,971.

Pat. 2,402,572. HYDRAULIC JACK. Patented June 25, 1946. In this jack the work cylinder and piston are formed with a small annular auxiliary chamber around piston and a large main chamber at inner end of piston. Three aligned spring-loaded check valves of different size with floating valve-actuating members disposed between them are positioned in bore of jack. These valves respectively control the flow of fluid from a reservoir into the chamber of a pumping piston and into the auxiliary and main chambers. A few strokes of the pumping piston will pump fluid into the auxiliary chamber without opening the valve leading to main chamber to quickly raise lifting arm of jack into contact with a load, and thereafter operate to pump fluid into both chambers to cause further raising of the arm. A valve-actuating screw is provided for unseating the valves to release the pressure and lower the arm. Groups 35—69; 38—31. Reg. No. 9,972.

Pat. 2,407,796. TRIPOD JACK. Patented Sept. 17, 1946. Telescoping hydraulic tripod jack may be used to lift loads to substantial heights. The jack embodies a vertically slidable body having telescoping tripod legs (each consisting of an elongated tubular cylinder and operating piston) secured to base of jack. A work piston vertically telescoped within the body is provided with a work-engaging extension screw in its top. Fluid pressure generated by a double-acting piston may be alternately applied to the movable body and the tripod pistons to lift a load while the work piston remains telescoped. After the movable body and legs are fully extended, the work piston may be hydraulically extended to further lift load. During the lifting operation, the tripod pistons may be hydraulically locked in any position to maintain the movable body and tripod legs motionless to prevent side sway of jack. Fluid pressure may be applied to tripod pistons only to provide ease of operation when lifting heavy loads. Jack also functions to quickly move the work-engaging screw into contact with the work. Groups 35—69; 37—22; 38—31. Reg. No. 9,973.

Pat. 2,414,484. FLUID OPERATED DEVICE. Patented Jan. 21, 1947. Hydraulic unit may be placed beneath a work bench and operated by a foot pedal to actuate a vise or other device. Operation of foot pedal quickly moves vise into contact with work and thereafter applies heavy pressure. Pressure is transmitted through a flexible conduit to a remote cylinder and its load-actuating piston. The unit consists of a vertically movable body having a large cylindrical cavity in its bottom to provide a cylinder for a stationary piston and a variable capacity reservoir for hydraulic fluid. A smaller high-pressure chamber in top of the body communicates with the cavity and the chamber of a pumping plunger. Initial actuation of the plunger traps fluid, causing downward movement of the body to force a large volume of fluid from the cavity into the remote cylinder to quickly move its piston into work-engaging position. Thereafter, the plunger pumps low-volume high-pressure fluid through smaller chamber of unit into remote chamber to apply heavy pressure to the load. Group 35—66—69. Reg. No. 9,974.

Pat. 2,421,351. VEHICLE CHASSIS CONSTRUCTION. Patented May 27, 1947. This chassis utilizes a tubular member disposed longitudinally and centrally beneath the vehicle body and an oval frame secured to the rear end

of the tube. The front wheels are rotatably mounted on hinged spindles which are resiliently suspended from the ends of a cross bar rigidly secured to the tube. The axle for the rear wheels is also resiliently suspended from a cross bar of the oval frame. A hydraulic cylinder and piston constitute the resilient means. The vehicle body is mounted on three other cross bars secured to the tube. A split rubber sleeve for each bar is placed around the tube. A semi-circular slot on the under surface of each bar embraces the upper portion of the sleeve. Semi-circular clamping rings embracing the lower portion of the sleeves are clamped to the under side of the bars. Screws inserted transversely through the top of the cross bars have their lower ends threaded through the top wall of the tube to prevent the bars from turning on the tube. A motor may be mounted on the oval frame behind the rear axle. Group 38—11—41. Reg. No. 9,975.

Pat. 2,425,071. REMOTE CONTROL APPARATUS FOR HYDRAULIC SYSTEMS. Patented Aug. 5, 1947. This unit may be used to supply hydraulic pressure to apparatus, such as a ram, at a remote point. The pressure may be applied in three stages at different volume-pressure ratios to different loads encountered by the ram, the most favorable ratio being obtained when the load is greatest. The work piston of the hydraulic unit is initially automatically moved by a spring to obtain quick contact of the ram with a load. After contact, the work piston is extended by reciprocating a pumping piston to generate pressure in either one or two chambers surrounding the work piston, depending upon the load encountered by the ram. The ram may be hydraulically retracted if desired. Before the next lifting operation the pumping piston must be reciprocated to generate pressure in an intermediate chamber surrounding the work piston to compress the spring and retract the work piston to its starting position. Group 35—66—69. Reg. No. 9,976.

Pat. 2,436,936. VARIABLE-SPEED DRIVE. Patented Mar. 2, 1948. Variable speed drive is capable of a wide range of speed variation without appreciable loss of torque. The drive utilizes a planetary gear unit in combination with a main drive motor and a control motor. The rotor of the main motor is secured to a shaft having a ring gear on its outer end. The stator of the control motor is secured to a shaft (extending axially through tubular shaft) having a sun gear on its outer end. Planet gears meshing with the sun and ring gear are carried by a spider mounted on the end of a driven shaft. A circuit, including a voltage regulator, connects the rotor of the main motor with the stator of the control motor to variably operate the control motor in response to current generated in the main motor. The speed of the driven shaft is automatically varied in response to variations in operation of the motors. Group 36—19. Reg. No. 9,977.

Pat. 2,439,183. HYDRAULIC JACK. Patented Apr. 6, 1948. In this hydraulic jack, the work-lifting piston is initially automatically moved into quick work-contacting position by releasing a spring. After contact, hydraulic pressure for lifting the load is generated by a pumping piston. The spring is compressed and work piston returned to its starting position by opening a valve to permit fluid from a surge chamber to flow into an auxiliary chamber surrounding the work piston. The surge chamber is charged while the work piston is performing its lifting operation. A spring-loaded plunger maintains the fluid under pressure in the surge chamber. Groups 35—66—69; 38—31. Reg. No. 9,978.

Pat. 2,440,060. PUMP FOR HYDRAULIC JACKS. Patented Apr. 20, 1948. In this hydraulic jack the pump-operating mechanism and a pair of pumping pistons of different size are placed in a closed chamber containing a fluid reservoir so that they are not exposed, and so that any fluid which might leak from the cylinders would merely return to the reservoir. A cam shaft has a pair of oppositely disposed lobes for alternately engaging the top of one of the pumping pistons, and a single lobe parallel with one of the other lobes for engaging the top of the other pumping piston. Springs return the pistons on their suction strokes. The cam shaft may be optionally oscillated about arcs of different degrees, or rotated, to supply fluid under pressure at different volume-pressure ratios to the work cylinder of the jack. Groups 35—66—69; 38—31. Reg. No. 9,979.

Pat. 2,442,057. HYDRAULIC PRESSURE MULTIPLYING SYSTEM. Patented May 25, 1948. In this hydraulic brake system pressure application is automatically converted from a low-pressure high-volume initial stage (for rapid movement of shoes into contact with brake drums) to a high-pressure low-volume stage to thereafter accomplish application of braking pressure at a higher ratio. Multi-stage pressure-applying units may be incorporated in the master cylinder assembly and in units at the brake drums. The master cylinder and piston are of reduced diameter at their inner ends to provide a fluid chamber in front of the piston and a main pressure chamber around the piston in back of the first chamber. The reduced end of the piston is longitudinally bored to provide a chamber in which a pressure-generating piston connected to a brake pedal operates. Fluid from the generating chamber is forced into the main pressure chamber after shoes contact brake drums. Groups 35—69; 38—31. Reg. No. 9,980.

Pat. 2,442,058. REMOTE CONTROL HYDRAULIC APPARATUS. Patented May 25, 1948. In this hydraulic unit the output will vary automatically from an initial high-volume low-pressure to a low-volume high-pressure output in accordance with predetermined load conditions. The unit is formed with three cylinders of different size with a fulcrumed handle for operating the pistons. The largest piston is pivoted at a greater distance from the fulcrum shaft so that it will have a longer stroke than the other two. On initial operation all three pistons function to deliver a high volume of low-pressure fluid from the unit. Upon attainment of predetermined outlet pressure, pressure-operated valve means operatively connected to the largest cylinder opens a valve to render this cylinder inoperative. If the pressure further increases to a point where it is beyond the capacity of the two smaller cylinders, either of these may be rendered inoperative by opening a cam-actuated valve. Group 35—66—69. Reg. No. 9,981.

Des. Pat. 139,341. DESIGN FOR A HYDRAULIC JACK. Patented Nov. 7, 1944. Groups 35—69; 38—31. Reg. No. 9,982.

Des. Pat. 140,517. DESIGN FOR A HYDRAULIC JACK. Patented Mar. 6, 1945. Groups 35—69; 38—31. Reg. No. 9,983.

Des. Pat. 140,518. DESIGN FOR A HYDRAULIC JACK. Patented Mar. 6, 1945. Groups 35—69; 38—31. Reg. No. 9,984.

Des. Pat. 142,037. DESIGN FOR AN ELECTRIC TOASTER. Patented Aug. 14, 1945. Group 36—21. Reg. No. 9,985.

United States Government Owned Patent

The following patent has been assigned by the inventors, Graham W. Marks, Frank Cossey, and Ralph S. Mills, to the United States of America as represented by the Secretary of the Interior. Licenses to practice the invention will be issued on a non-exclusive and royalty-free basis. Inquiries concerning licenses should be addressed to the Solicitor, U. S. Department of the Interior, Washington 25, D. C.

Pat. 2,444,457. METAL LENS HOLDER. Patented July 6, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) A holder for temporarily mounting optical elements such as a lens, filter, mirror, etc., for testing prior to permanent mounting. Consists of a pair of concentrically mounted ring-like frames. The frames are connected by linkage so that in use the outer frame may be held stationary while inner frame is rotated. Rollers are provided at free ends of links to hold lens so unobstructed view may be obtained. Group 39—13. Reg. No. 9,986.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS

RENDERED DURING AUGUST, 1948

EX PARTE THE RIVERSIDE AND DAN RIVER COTTON MILLS, INCORPORATED, Serial No. 475,542.

In a decision rendered August 2, 1948 (169 Ms. Dec. 923, 78 USPQ 264), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to The Riverside and Dan River Cotton Mills, Incorporated, of Danville, Va., a mark comprising the words "FIBER-BONDED" as a trade-mark for yarns, threads and roving under the Trade-Mark Act of February 20, 1905, on the ground that the mark sought to be registered is incapable of functioning as a trade-mark and also in view of a prior registration.

It was held that each of the words "fiber" and "bonded" is descriptive and it seems clear that the combination of these descriptive words preserves their natural meaning and indicates merely that the fibers of the yarn are bonded within the ordinary meaning of each word so that the combination must therefore be merely descriptive of the goods.

It was held that since the mark must be refused registration on the ground that it is merely descriptive of the goods it is unnecessary to consider the refusal over the prior registration in detail, it being sufficient to state that with respect to this the decision of the Examiner of Trade-Marks is well founded.

E. R. SQUIBB & SONS *v.* CLENOLOR PRODUCTS COMPANY, Opposition No. 24,704.

In a decision rendered August 2, 1948 (169 Ms. Dec. 924, 78 USPQ 262), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the opposition of E. R. Squibb & Sons, of New York, N. Y., to the application of Clenolor Products Company, of New York, N. Y., to register the word "Clenolor" as a trade-mark for cream deodorant, liquid deodorant, powder deodorant, deodorant stick, under the Trade-Mark Act of 1905. The notice of opposition set up ownership and prior use of three trade-marks under the act of 1905 and ownership of the registrations thereof, namely: "QUINOLOR," No. 298,849, for germicidal preparations; "LANOLOR," No. 339,616, for lanolin, and skin preparations containing lanolin; and "PHENOLOR," No. 345,048, for antiseptics and germicides.

It was held that the Examiner of Interferences was right in finding that the only question requiring determination is whether or not the marks of the parties bear such near resemblance as to be likely to give rise in confusion in trade or deception of purchasers if applied concurrently by the respective parties, considering only the mark "LANOLOR" in determining the similarity of the marks of opposer and that of applicant, and that it is apparent on this record that the decision of the Examiner of Interferences that the marks are confusingly similar and that the goods, while specifically different, possess the same descriptive properties is clearly correct.

In response to applicant's contention that opposer's marks are descriptive and may not be relied upon to support an opposition, it was held that there is no apparent basis for the contention that opposer's marks are descriptive, and it is well settled that the validity of opposer's registration may not be attacked in this proceeding; in any event it would not be necessary that any exclusive right on the part of opposer be established provided use of there is no apparent basis for the contention that opposer's mark is established and applicant's mark is similar thereto.

CINDERELLA FOODS, INC., *v.* WILLIAMSON CANDY COMPANY AND JEWETT & SHERMAN COMPANY (ASSIGNEE, SUBSTITUTED), Cancellation No. 4756.

In a decision rendered August 2, 1948 (169 Ms. Dec. 921, 78 USPQ 263), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the petition of Cinderella Foods, Inc., of Dawson, Ga., to cancel certificates of registration of Williamson Candy Company and Jewett & Sherman Company (assignee, substituted), of Milwaukee, Wis., No. 387,472, for the notation "Peanut Crunch" (displayed on the background of a shield design) as applied to peanut butter, the word "peanut" being disclaimed, and No. 347,964 for the notation "Butta Crunch" applied to sandwich filler composed of peanut butter and whole chopped roasted peanuts, both registrations having been issued under the Trade-Mark Act of 1905. Petitioner alleged use of the descriptive word "crunchy" in connection with the sale of its own peanut butter and contended that "crunch" is merely descriptive of the goods.

It was held that the only questions presented on the appeal are whether or not "crunch" is merely descriptive of peanut butter and whether or not petitioner is entitled to maintain the cancellation.

It was held that the Examiner of Interferences was right in finding that "CRUNCH" and derivatives thereof are merely descriptive of the character of the goods here involved.

It was held that while petitioner has apparently not used the word "crunch" as such on its product and "crunchy" may have been used in referring to its product only to a limited extent, it is a manufacturer of peanut butter, and clearly entitled to maintain the cancellation.

PARFUMS CORDAY, INC., *v.* EMMETT M. KING, Opposition No. 24,892.

In a decision rendered August 3, 1948 (169 Ms. Dec. 926, 78 USPQ 265), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the opposition of Parfums Corday, Inc., of New York, N. Y., to the application of Emmett M. King, of New York, N. Y., for registration under the act of February 20, 1905, of a mark consisting of the words "TOUJOURS AMBER" for rouge, lipstick, and face powder, the word "AMBER" being disclaimed. The notice of opposition alleged ownership and prior use by opposer of the trade-mark "toujours Moi" and registrations thereof under the act of February 20, 1905, by an alleged predecessor in title of opposer, No. 188,741 for perfumes and No. 206,799 for sachet, bath tablets, toilet water, talcum powder, face powder, and refills of face powder.

It was held that the proof of assignment is considered adequate, in view of the introduction of certified copies of the assignments to opposer as recorded in the Patent Office.

In response to applicant's contention that opposer has not proved renewal of its registrations, it was held that opposer's proof of renewal must be accepted as adequate, in view of the introduction of copies of these registrations showing on their face that they had been renewed, and if any doubt as to the sufficiency of the proof existed, official notice would be taken of the fact—and the records of this Office show that it is a fact—that the registrations were renewed.

It was held that it is therefore unnecessary to review in detail applicant's contention that opposer's testimony fails to prove actual sales of its product bearing this mark, but it was noted that a fair interpretation of the testimony of opposer and applicant shows sales of opposer's goods under its mark and that it is widely recognized.

It was held that little need be said as to the similarity of "toujours Moi" and "TOUJOURS AMBER," the word "AMBER" being disclaimed, since under well-settled authority they must be considered confusingly similar within the meaning of the act.

EX PARTE LINDA LYNN, Serial No. 485,786.

In a decision rendered August 5, 1948 (169 Ms. Dec. 933, 78 USPQ 267), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to Linda Lynn, of Baltimore, Md., the words "Linda Lynn," under the Trade-Mark Act of March 19, 1920, as a trade-mark for a long list of ladies' wearing apparel, in view of a prior registration of the word "LYNDELENE," registration No. 249,740, for ladies' aprons and house dresses; a registration of the words "Linda Lane," registration No. 385,531, for various items of women's, misses' and children's clothing; and another cited reference which need not be considered.

It was held that there can be no question but that the goods have the same descriptive properties.

After noting that with respect to the registration "Linda Lane" applicant has presented a so-called letter of consent by the registrant, it was held that such a consent, while entitled to some consideration if there is doubt as to the likelihood of confusion between the marks or goods, does not permit registration if the marks are confusingly similar, as in this case, since both "Linda Lane" and "LYNDELENE" appear very similar to applicant's mark in sound and appearance.

THE WESTFIELD MANUFACTURING COMPANY *v.* THE PHARIS TIRE AND RUBBER COMPANY, Cancellation Nos. 4716 and 4717.

In a decision rendered August 5, 1948 (169 Ms. Dec. 929, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the petitions of The Westfield Manufacturing Company, of Westfield, Mass., to cancel two registrations of the word "COLUMBIA" under the Trade-Mark Act of 1920 owned by The Pharis Tire and Rubber Company, of Newark, Ohio, namely, registration No. 309,188 for pneumatic tires for vehicles and registration No. 388,506 for pneumatic tires and tubes for vehicle wheels. Petitioner relied upon its ownership and registration of "Columbia" as a trade-mark for mechanical bicycles.

It was held that in view of the registration No. 157,244, renewed, registered under the ten-year proviso of the Trade-Mark Act of 1905, disclosing the word "Columbia" for bicycles and parts thereof petitioner is entitled to maintain these proceedings providing the goods of the parties have the same descriptive properties.

It was held that the Examiner of Interferences was right in ruling that the goods of the parties constitute goods of the same descriptive properties.

In response to registrant's contention that the cancellation must be refused because of laches or acquiescence on the part of petitioner, after noting that registrant apparently continued to use the mark, the extent of such use not being shown in detail, but did not advertise its product, at least in periodicals, and in view of wartime conditions it is not now apparent that petitioner knew or should have known of the continued use, it was held that on this record it seems that such use during this period could not amount to laches or acquiescence.

B. W. HARRIS MANUFACTURING COMPANY *v.* WERBER SPORTSWEAR CO., Cancellation No. 4732.

In a decision rendered August 6, 1948 (169 Ms. Dec. 934, 78 USPQ 268), *Assistant Commissioner Daniels* reversed the action of the Examiner of Trade-Mark Interferences, who had sustained the petition of B. W. Harris Manufacturing Company, of St. Paul, Minn., to cancel a registration, No. 417,878, owned by Werber Sportswear Co., of Newburgh, N. Y., comprising the word "Zeroland" and pictorial or design features for men's outdoor leather and cloth-lined jackets and coats; men's outdoor sheep-lined jackets and coats; ladies' outdoor cloth jackets and coats; ladies' outdoor sheep-lined jackets and coats; men's and women's cloth and sheep-lined jackets, flying jackets and flying suits for outdoor and sportswear. Petitioner relied upon its ownership and prior use of the trade-mark "ZERO KING," accompanied by a representation of a crown, as applied to fur, sheep, leather, and textile clothing—namely, coats for men, women and children, this mark having been registered, registration No. 278,514.

It was noted that the petition for cancellation also requested cancellation of another registration, but since at the time the petition was filed that registration had expired, the petition, insofar as it requests cancellation of that registration, was dismissed by the Examiner of Interferences.

With respect to the question of similarity of the marks, after noting that the words included in each of the marks are not identical, and that the pictorial or design features included in each differ radically, it was held that considering the marks in their entireties there is not such likelihood of confusion as to indicate that petitioner has sustained the burden of showing that registrant was not entitled to the registration of its mark.

It was held that the above conclusion removes any necessity for considering registrant's motion to remand for taking testimony as to laches or acquiescence, and the motion was accordingly denied for that reason.

GOLDRING MERCHANDISING CORP. *v.* MATTHEW M. ADLER, LTD., Opposition No. 25,158.

In a decision rendered August 10, 1948 (169 Ms. Dec. 937, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the notice of opposition filed by Goldring Merchandising Corp., of New York, N. Y., to the application of Matthew M. Adler, Ltd., of San Francisco, Calif., to register, under the Trade-Mark Act of 1905, the notation "Towne Deb" as a trade-mark for women's, misses', juniors' and children's wearing apparel consisting of coats, suits and dresses, the word "Towne" being disclaimed. The notice of opposition alleged prior use and ownership of the trade-mark "Townley" as a trade-mark for ladies' coats, suits, dresses, ladies' golf and sport suits, coats, sweaters, and dresses, this mark being registered under the Trade-Mark Act of March 20, 1920, registration No. 296,939.

After noting that opposer has taken testimony as to its use of the mark on the goods and its priority of use is not questioned on this appeal, it was held that since the goods are the same the only question to be considered is whether or not the marks of the parties are confusingly similar within the meaning of section 5 of the Trade-Mark Act of 1905.

It was held that a comparison of the marks of the parties indicates that they bear such close resemblance that concurrent use thereof on identical goods would be likely to cause confusion or mistake in the mind of the public or to deceive purchasers as to the source of origin thereof.

EX PARTE BEN-HUR PRODUCTS, INC., Serial No. 477,348.

In a decision rendered August 11, 1948 (169 Ms. Dec. 945, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register, under the Trade-Mark Act of 1905, to Ben-Hur Products, Inc., of New York, N. Y., the mark "Hair Glamour Bar" as a trade-mark for combs and barrettes, the words "hair" and "bar" having been disclaimed, in view of a prior registration, No. 369,921, of the words "GLAMOUR GIRL" for non-electrical hair curlers and hair wavers, hair clips, and hairpins.

It was held that the goods are considered to have the same descriptive properties and to be essentially similar.

With respect to the similarity of "Hair Glamour Bar," particularly with "hair" and "bar" disclaimed, on the one hand and "GLAMOUR GIRL" on the other, it was held that no extended comment is considered necessary, since, while descriptive or disclaimed words may not be completely ignored, the similarity of "GLAMOUR" and "GLAMOUR GIRL" seems obvious.

BRISTOL-MYERS COMPANY *v.* JOHN H. BRECK, INC., Opposition No. 24,967.

In a decision rendered August 11, 1948 (169 Ms. Dec. 941, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the notice of opposition of Bristol-Myers Company, of New York, N. Y., to the application of John H. Breck, Inc., of Springfield, Mass., to register, under the Trade-Mark Act of 1905, a mark consisting of the word "TRUCENE" as a trade-mark for hair dressing cream. Opposer relied upon its ownership and prior use of the trade-mark "TRUSHAY," registered, No. 406,797, as trade-mark for hand lotion and upon registration of the word "TRUSO," No. 213,754, for various toilet articles including hair tonic.

After noting that in view of a stipulation of facts, the only facts for consideration are whether or not applicant's mark is confusingly similar to the marks shown by opposer's registrations and whether or not the goods are confusingly similar, it was held that hair tonic, included as one of the products covered by the registration of opposer's trade-mark "TRUSO," and applicant's hair cream are obviously very similar; and that hand lotion, on which opposer has used its mark "TRUSHAY," is also considered to have the same descriptive properties as applicant's product and to be confusingly similar within the meaning of the act.

It was held that although careful comparison of these marks would reveal differences, when considered in their entireties, the mark of the applicant

and each of the marks of the opposer, bear such near resemblance both in appearance and sound, as to be reasonably likely to cause confusion in trade when applied concurrently to the products of the parties.

THE TREMCO MANUFACTURING COMPANY v. TAMKO ASPHALT PRODUCTS, INCORPORATED, Opposition No. 25,036.

In a decision rendered August 11, 1948 (169 Ms. Dec. 943, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the notice of opposition of The Tremco Manufacturing Company, of Cleveland, Ohio, to the application of Tamko Asphalt Products, Incorporated, of Joplin, Mo., to register the word "TAMKO" as a trade-mark for asphalt roofing under the act of 1905. Opposer alleged ownership and prior use of the trade-mark "TREMCO" and ownership of the registration thereof, No. 269,117, for construction materials—namely, bituminous waterproofing products in both liquid and plastic form, asphalt emulsion waterproofing products in semiliquid form, caulking, glazing, and pointing compounds, plastic cements for airproofing and insulating purposes, cork and plaster bonding compounds, concrete-floor hardeners, emulsified asphalts for floor resurfacing, pipe joint compounds and liquid and plastic roof coatings.

It was held that the marks so nearly resemble each other in sound and appearance that their concurrent use upon closely related products is quite likely to cause confusion in trade, nor does the derivation of the word change the situation, since the public cannot know of the reasons for adopting such a mark.

It was held that the goods of the parties possess the same descriptive properties, since both are materials which would be used by the same general class of purchasers for the same general purposes, and the fact that many of the applicant's initial sales are to lumber dealers in large quantities would not change this.

EAST-SIDE WINERY v. BARTOLOMEO PIO, Cancellation No. 4751.

In a decision rendered August 11, 1948 (169 Ms. Dec. 939, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the petition of East-Side Winery, of Lodi, Calif., to cancel the registration, No. 419,788, of Bartolomeo Pio, of Philadelphia, Pa., of the words "AMERICAN HOST" for wines, the word "AMERICAN" being disclaimed. Petitioner relied upon ownership of the trade-mark "ROYAL HOST" registered, No. 368,307, for wines.

It was held that considered in their entireties, the marks appear quite similar in sound, appearance and significance, so that the marks are so similar that confusion may well result from their concurrent use upon identical goods.

It was held that the existence of other marks which contain the word "host" cannot be considered in this proceeding in view of the similarity of these marks.

It was held that the fact that the labels submitted by the parties differ in general appearance is not significant, since the only question for consideration here is the similarity of the mark sought to be registered and that of opposer, because the accompanying features of the labels may be varied by the parties at any time without affecting these marks, and are not features of the marks under consideration.

THE NORWICH PHARMACAL COMPANY v. THE NATIONAL MINERAL COMPANY (BY CHANGE OF NAME, HELENE CURTIS INDUSTRIES, INC.). Opposition No. 24,189.

In a decision rendered August 13, 1948 (169 Ms. Dec. 950, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the notice of opposition of The Norwich Pharmacal Company, of Norwich, N. Y., to the application of The National Mineral Company (by change of name, Helene Curtis Industries, Inc.), of Chicago, Ill., for registration, under the Trade-Mark Act of February 20, 1905, of a mark consisting of the word "Suave" as a trade-mark for hair dressing. Opposer relied upon its ownership and prior use, as evidenced by registration No. 252,066, of the trade-mark "SWAV" as a trade-mark for shaving cream to be used before shaving.

In response to applicant's contention that the marks of the parties are unlike in sound and meaning, it was held that mere examination indicates that these words are alike in sound and meaning, and not unlike in appearance, so that they appear to be legally indistinguishable.

It was held that hair dressing and shaving cream must be considered to be goods of the same descriptive properties.

In response to applicant's contention that since its products are sold only though beauty parlors while opposer's are sold only through drug stores and similar retail outlets, there is no likelihood of confusion, it was held that applicant's product must be considered a toilet preparation which is adapted to and might readily be sold through the same retail outlets as those of the opposer, so that the Examiner of Interferences was right in ruling that the products here involved constitute goods of the same descriptive properties, and that there is reasonable likelihood of confusion in trade.

ANTOINE CHIRIS COMPANY, INC., v. KOPPERS COMPANY, INC., Opposition No. 24,893.

In a decision rendered August 13, 1948 (169 Ms. Dec. 946, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences dismissing the notice of opposition of Antoine Chiris Company, Inc., of New York, N. Y., to the application of Koppers Company, Inc., of Pittsburgh, Pa., to register, under the act of February 20, 1905, the word "Lavendine" as a trade-mark for a scented insecticide, naphthalene combined with lavender flowers. The notice of opposition alleged that the mark sought to be registered is merely descriptive of the goods. Opposer presented certain allegations in support of its right to oppose, all of which were denied by applicant's answer.

It was held, in the absence of testimony, that the Examiner of Interferences was right in ruling that opposer had failed to establish a sufficient interest to challenge the right of registration to applicant, or to show that it would be damaged by such registration.

It was held that while "Lavendine" is apparently derived from combining portions of the words "lavender" and "naphthalene" and is therefore perhaps to a certain extent suggestive the mark does not appear to be merely descriptive of such product.

It was held that it does not seem that the existence of "lavadin" or "oil of lavendin" can in any way affect the decision of this case.

THE BORDEN COMPANY v. SWISS AMERICAN IMPORTING CO., Cancellation No. 4758.

In a decision rendered August 18, 1948 (169 Ms. Dec. 954, 78 USPQ —), *Assistant Commissioner Daniels* reversed the action of the Examiner of Trade-Mark Interferences who had sustained the petition of The Borden Company, of New York, N. Y., for cancellation of registration No. 419,062, of Swiss-American Importing Co., of Washington, D. C., the mark shown in the registration sought to be canceled consisting of the words "Dutch Garden" and the goods upon which the mark is used being certain named groceries. Petitioner relied upon its prior use and ownership of the trade-mark "Dutch Maid," as evidenced by registration No. 177,381 (renewed), disclosing a mark consisting of the words "Dutch Maid" accompanied by a picture of a girl in Dutch costume, the goods set out in petitioner's registration being of the same descriptive properties as, and in part identical with, registrant's goods.

After noting that the answer of registrant sets up a counterclaim requesting cancellation of registration No. 177,381, which counterclaim was dismissed by the Examiner of Interferences, it was held that since registrant did not press this counterclaim on this appeal, it therefore will not be considered.

It was held that while the inclusion of the common word "Dutch" necessarily gives rise to certain resemblance in sound and appearance, and similarity in either respect may be sufficient to give rise to confusion, in this case such possible similarity does not appear to be sufficient to overcome the more obvious dissimilarity in meaning or significance, so that when viewed in their entireties the differences in significance and connotation between these marks outweigh any possible similarity in sound or appearance to such an extent that there is little likelihood of confusion in trade within the meaning of section 5 of the Trade-Mark Act of 1905.

EX PARTE THE STANDARD REGISTER COMPANY, Serial No. 448,486.

In a decision rendered August 19, 1948 (169 Ms. Dec. 958, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to The Standard Register Company, of Dayton, Ohio, a mark consisting of the single letter "S" as a trade-mark for business form stationery of the type commonly known as "safety paper," under the Trade-Mark Act of 1905.

After noting that in view of a prior decision (570 O. G. 667, 63 USPQ 309) applicant filed an amendment and has sought registration of the letter "S" alone, it was held that upon the specimens presented the Examiner was right in ruling that the "S" does not function as a trade-mark and would not even if the design were not a safety feature, since the repetitious use of the mark is such that it is merely a background design and would not be recognized and could not serve to indicate origin.

In response to applicant's argument that the fact that a mark is used more than once on the goods does not prevent its functioning as a trade-mark, it was held that this general proposition is also considered sound providing it is used as a trade-mark and may function and be recognized as such, which is not the case in the specimens submitted herewith.

EX PARTE BOOTT MILLS, Serial No. 502,942.

In a decision rendered August 20, 1948 (169 Ms. Dec. 964, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register on the application of Boott Mills, of Lowell, Mass., a figure referred to by the applicant as its "grid and oval" design as a trade-mark for towels and piece-goods of linen or cotton or cotton mixed with linen fibers, under the Trade-Mark Act of 1905. The Examiner refused registration on the ground that the mark cannot function as a trade-mark and constitutes a mutilation of applicant's complete mark—the latter being based upon the fact that no wording is shown in the oval space as the mark is presented, while the specimens indicate that some wording appears within the oval.

It was held that, even conceding the existence of the so-called oval, the mark gives the impression of the two separate sets of bars, constituting a more or less casual decorative feature or embellishment rather than that of a distinctive design, so that the Examiner was right in ruling that the mark, as presented, constitutes a mere embellishment and cannot be regarded as sufficiently distinctive to function as a trade-mark.

It was held that, in view of the foregoing, it is perhaps unnecessary to consider the refusal on the ground that the mark presented constitutes a mutilation of applicant's mark, but if the design were considered sufficiently distinctive to stand upon its own merit and to be distinct from the wording appearing therein, it is doubtful whether the two would be so interrelated that they could not be considered separately; however, in the absence of such independent significance, this cannot be determined upon the present record.

After noting that on this appeal applicant has presented certain affidavits apparently from distributors of its products to the effect that they recognize the mark as signifying Boott Mills products, it was held that these cannot be considered as representative of the purchasing public and it does not follow that ordinary purchasers would recognize it or even notice this design, so that the affidavits cannot, therefore, be considered sufficient to overcome the visual effect of the drawing and specimens submitted.

It was held that whether or not these or similar affidavits might be considered under section 2(f) of the Trade-Mark Act of 1946 is not open for consideration at the present time, no action having been taken to convert this application to that act.

AUTOMATIC SIGNAL CORPORATION *v.* LEO F. LITTWIN, DOING BUSINESS AS ELECTRO-MATIC PRODUCTS CO., Opposition No. 24,912.

In a decision rendered August 27, 1948 (169 Ms. Dec. 967, 78 USPQ —), *Assistant Commissioner Murphy* reversed the action of the Examiner of Trade-Mark Interferences, who had dismissed the opposition of Automatic Signal Corporation, of East Norwalk, Conn., to the application of Leo Littwin, doing business as Electro-Matic Products Co., of Chicago, Ill., for registration under the Trade-Mark Act of February 20, 1905, of the notation "ELECTRO-MATIC" for use on electrical rectifiers for rectifying alternating current and index timers for controlling electrically the work-piece feeding movements of machine tools. The opposition was based upon opposer's ownership of the trade-mark "ELECTRO-MATIC," registration No. 249,865, for automatic electric traffic-control systems and on its use of its trade-mark "ELECTRO MATIC" on other products not covered by its registration.

In response to opposer's contention that the Examiner erred when he held that although opposer in its testimony and brief has alleged the use of its mark "ELECTRO-MATIC" on electrical relays for industrial use, electrical magnetic detectors for detection of metal objects for industrial conveyor belts, automatic garage door openers and other electrical products, its testimony was irrelevant since these goods were not pleaded in the notice of opposition, it was held that by its pleading in paragraph 2 of the notice of opposition of electric circuit controllers, electric controllers for controlling a time cycle of operations by switches or the like and other electrical devices, the notice of opposition is explicit enough to cover all the goods which opposer has proved it has manufactured and sold and to which it has applied its mark "ELECTRO-MATIC," so that the Examiner erred in his decision.

After noting that the Examiner's decision was that the products of the two parties are not related in any manner likely to cause confusion or mistake in the mind of the purchasing public as to their origin by reason of concurrent use thereon of the respective marks of the parties, and accordingly held them to possess different descriptive properties, it was held that in determining the question whether the goods of the respective parties are of the same descriptive properties, it is proper to compare applicant's electrical rectifiers with the opposer's electrical relays and to compare applicant's index timers with opposer's synchrolizer, and that the goods of the parties clearly are goods of the same descriptive properties within the meaning of section 5 of the Trade-Mark Act of 1905.

It was held that the shipment of opposer's "Synchrolizer" (Exhibit 5) in a carton and the application thereto of the shipping label (Exhibit 1) was a use of the trade-mark "ELECTRO-MATIC" on the timing device advertised in this exhibit as useful for controlling industrial processes and the like, so that the Examiner erred in his decision.

It was held that since the marks are identical and opposer has proved priority of use, and since the goods of the parties possess the same descriptive properties, the opposition should have been sustained and the applicant held not entitled to the registration sought.

EX PARTE THE BISSELL VARNISH COMPANY, Serial No. 488,253.

In a decision rendered August 31, 1948 (169 Ms. Dec. 972, 78 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to The Bissell Varnish Company, of Bridgeport, Conn., the words "Spar Composition" as a trade-mark for varnish under the ten-year proviso of the act of February 20, 1905.

It was held that the Examiner was right in ruling that the mark sought to be registered is incapable of functioning as a trade-mark and is merely the name of the goods, being a well-known type of varnish, and therefore without trade-mark significance.

It was held that the fact that applicant is stated to have owned a previous registration of this mark which expired through inadvertence has been given serious consideration and were there any doubt as to propriety of registration it would be given much weight, but since, however, it must be a trade-mark, and used as a trade-mark, and applicant's mark does not appear to be capable of functioning as such, it must be refused in this instance.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 28, 1948

[VOL. 614. NO. 4]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 4, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 497,948. MIDDLETOWN RUBBER CORPORATION, Middletown, Conn. Filed Mar. 9, 1946.

VINTEX

FOR POLYVINYL RESIN SHEETS FOR GENERAL USE IN THE INDUSTRIAL ARTS.

Claims use since 1943.

Ser. No. 509,417. THE B. F. GOODRICH COMPANY, Akron, Ohio. Filed Sept. 20, 1946.

Koroseal

FOR TRANSPARENT AND OPAQUE RESINOUS PLASTIC MATERIAL SOLD IN SHEET FORM FOR GENERAL USE IN THE INDUSTRIAL ARTS.

Claims use since 1936.

Ser. No. 509,470. QUEBEC FUR BREEDERS COOPERATIVE ASSOCIATION, Quebec, Canada. Filed Sept. 20, 1946. Under the act of February 20, 1905, as amended June 10, 1938.



No claim is made to the exclusive right to use the representation of fur-bearing animals and the words "Association Cooperative Des Producteurs De Fourrure" apart from the mark as shown.

The lining on the drawing is for shading only.

FOR FUR SKINS OR PELTS.

Claims use since Apr. 20, 1946.

CLASS 2

RECEPTACLES

Ser. No. 520,078. AFFILIATED RETAILERS, INC., New York, N. Y. Filed Apr. 3, 1947.

ARMAID

FOR VACUUM BOTTLES AND LUNCH BOXES.

Claims use since Nov. 15, 1946.

Ser. No. 526,324. VOGUE VANITIES LIMITED, Birmingham, England. Filed June 5, 1947.

VOGUE

FOR COSMETIC POWDER BOXES MADE FROM BASE METAL OR PLASTIC AND SOLD EMPTY IN THE TRADE.

Claims use since Sept. 28, 1930.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 519,259. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Mar. 19, 1947.

Rainbow

FOR HAND CLEANER AND HECTOGRAPH INK REMOVER.

Claims use since Dec. 27, 1937.

Ser. No. 521,301. LELAND J. WILHARTZ, doing business as Lakeside Products, Chicago, Ill. Filed Apr. 24, 1947.

HURRICANE

FOR POWDERED CLEANING COMPOSITION ESPECIALLY FOR CLEANING AUTO BODIES, CHROME, TIRES, GLASS, AND OTHER EXPOSED PARTS; AND FOR POWDERED METAL POLISH FOR CHROME AND OTHER METAL PARTS AND FIXTURES.

Claims use since on or about Apr. 18, 1942, as to cleaning composition; and since on or about Nov. 17, 1944, as to metal polish.

Ser. No. 523,187. PACIFIC SOAP COMPANY, Los Angeles, Calif. Filed May 28, 1947. Under 10-year proviso.

Citrus



The drawing is lined for the color yellow for the lemon and the color green for the twig and leaves.

FOR WASHING POWDER.

Claims use since 1893.

Ser. No. 524,729. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed June 24, 1947. Under section 5b of the act of 1905, as amended in 1920.

SHERWIN-WILLIAMS

Applicant is the owner of registration No. 438,455 of Apr. 20, 1948, effected under the ten year proviso.

FOR SOAP (DRY, POWDERED, PASTE, SEMI-PASTE, FLAKE, LIQUID, AND OTHER CONSISTENCIES), METAL POLISHES.

Claims use since 1905.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 490,555. TRU-PAK PRODUCTS, CORP., Jersey City, N. J. Filed Oct. 26, 1945.

TRU-PAK

The term "Pak" is disclaimed apart from the mark.

FOR CHOCOLATED LAXATIVES, COLD LAXATIVES, CHEWING GUM LAXATIVES, MILK OF MAGNESIA TABLETS AND ASPIRIN TABLETS.

Claims use since January 1940.

Ser. No. 502,881. PAUL C. BRAGG, doing business as Live Food Produts Co., Burbank, Calif. Filed May 28, 1946.

FLORAMUCIN

FOR BULK LAXATIVE.

Claims use since 1938.

Ser. No. 505,915. PATEK AND CO., San Francisco, Calif. Filed July 19, 1946.

PATEX INKEX

FOR LIQUID COMPOUND FOR REMOVING INK FROM FABRIC.

Claims use since Feb. 1, 1937.

Ser. No. 510,856. JACK B. NETHERCUTT, doing business as Nethercutt Laboratories, Santa Monica, Calif. Filed Oct. 14, 1946.

Merlita

FOR PERFUME.

Claims use since Sept. 26, 1946.

Ser. No. 512,725. UNION DES PARFUMEURS DE FRANCE (U. P. F.), Paris, France. Filed Nov. 15, 1946.



The portrait is fanciful. Applicant disclaims the terms "Union des Parfumeurs de France" and "Parfumeur."

FOR SCENTING EXTRACTS, EAUX DE COLOGNES, SCENTING LOTIONS, TOILET WATERS, TOILET CREAMS, FACE AND BODY POWDERS, LIPSTICKS, ROUGE, EYEBROW PENCILS, NAIL POLISH AND NAIL POLISH REMOVER, BRILLIANTINES AND FIXATIVES FOR THE HAIR; ESSENTIAL OILS, DENTIFRICES, SHAMPOOS, LOTIONS AND TINCTURES FOR THE HAIR, PERFUMES.

Claims use since March 1946.

Ser. No. 513,435. IVAR W. MALMSTROM, doing business as N. I. Malmstrom & Company, Brooklyn, N. Y. Filed Nov. 29, 1946.

NIMCO

FOR ANHYDROUS LANOLIN (U. S. P. PHARMACEUTICAL GRADE), ANHYDROUS LANOLIN (U. S. P. COSMETIC GRADE), TECHNICAL LANOLIN, NEUTRAL DEGRAS, NEUTRAL WOOL GREASE, COMMON DEGRAS, CRUDE WOOL FAT, HYDROUS LANOLIN, LANOLIN OIL, LANOLIN WAX, WOOL GREASE STEROLS, WOOL GREASE FATTY ACIDS, SODIUM LANOLATE, CALCIUM LANOLIN, BARIUM LANOLIN, MAGNESIUM LANOLIN, COPPER LANOLIN, ALUMINUM LANOLIN, WHALE OIL, SPERM OIL.

Claims use since September 1939.

Ser. No. 519,577. VIDELLA FISHER, Oklahoma City, Okla., and New York, N. Y. Filed Mar. 26, 1947.



FOR HAND BLEACHING CREAM, FACE CREAM, FACE BLEACHING CREAM, CLEANSING CREAM, HAIR PRESSING CREAM, HAIR WAVE LOTION, LIQUID PREPARATION FOR THE TREATMENT OF THE SCALP AND HAIR, AND HAIR BRILLIANTINE.

Claims use since October 1940.

Ser. No. 519,588. LUXANA, S. A., Barcelona, Spain. Filed Mar. 26, 1947.

Gran Mogol

FOR PERFUMES AND EAUX DE COLOGNE.

Claims use since Feb. 2, 1942.

Ser. No. 519,591. MIGUEL BIENVENIDO SORRIBES, Barcelona, Spain. Filed Mar. 26, 1947.

Perfumeria Luxana

No claim is made to the exclusive use of the word "Perfumeria."

FOR PERFUMES, LIPSTICKS, ROUGE, FACE POWDER, FACIAL MAKE-UP, COLD-CREAM, HAND LOTION, EAU DE COLOGNE, TOILET WATERS, BRILLIANTINE, SHAMPOO, NAIL POLISH, DEODORANT CREAM AND EYE SHADOW.

Claims use since Oct. 23, 1939.

Ser. No. 520,489. YASO MEDICINAL, S. A., Barcelona, Spain. Filed Apr. 10, 1947.

AKTINO

FOR DENTIFRICES IN FORM OF FLUIDS, POWDERS, OR PASTE.

Claims use since Dec. 22, 1945.

Ser. No. 521,722. COLIBRI LIGHTERS LIMITED, London, England. Filed May 2, 1947.

Colibri

FOR LIGHTER FUEL.

Claims use since 1928.

Ser. No. 522,927. RAMIER, SOCIETE A RESPONSABILITE LIMITEE, Paris, France. Filed May 23, 1947.

RAMIER

FOR PERFUMES, TOILET WATERS, COLOGNES, ESSENCES; NAIL PASTES AND ENAMELS; FACE AND COSMETIC OILS, ESSENTIAL OR VOLATILE OILS, SKIN GREASES, PERFUME AND COSMETIC EXTRACTS; HAIR SHAMPOOS, HAIR TONICS, HAIR DYES, DEPILATORIES; POWDERS—NAMELY, FACE POWDER, DUSTING POWDER, RICE POWDER, TALCUM POWDER, BATH POWDER, DENTIFRICE POWDERS; BATH SALTS; LOTIONS—NAMELY, CLEANSING LOTION, SUNTAN LOTION, FOUNDATION LOTION, SKIN LOTION, HAND LOTION, ANTISEPTIC LOTION, AFTER-SHAVING LOTION; CREAMS—NAMELY, FOUNDATION CREAM, CLEANSING CREAM, FACE CREAM, NIGHT CREAM, THROAT CREAM, HAND CREAM, EYE CREAM, EYE SHADOW; ROUGES—NAMELY, LIPSTICKS, CREAM, ROUGE, SOLID ROUGE.

Claims use since May 8, 1946.

Ser. No. 522,930. JEAN U. KORTE, New York, N. Y. Filed May 23, 1947.

DERMACILLIN

FOR MEDICINAL PREPARATION FOR EXTERNAL APPLICATION.

Claims use since May 20, 1947.

Ser. No. 523,898. LA FLORIDA, S. A., Barcelona, Spain. Filed June 10, 1947.



The words "Creaciones de Belleza" and "Barcelona Espana" are disclaimed apart from the mark.

FOR PERFUMES, LIPSTICKS, ROUGE, FACE POWDER, FACIAL MAKE-UP, COLD-CREAM, HAND LOTION, EAU DE COLOGNE, TOILET WATERS, BRILLIANTINE, SHAMPOO, NAIL POLISH, DEODORANT CREAM, AND EYE SHADOW.

Claims use since Sept. 1, 1942.

Ser. No. 524,151. PORTE MANUFACTURING CO. INC., doing business as Joray Mfg. Co., Brooklyn, N. Y. Filed June 13, 1947.



Applicant disclaims the word "Formula."

FOR BRAKE FLUID.

Claims use since Jan. 1, 1946.

Ser. No. 524,259. WILLIAM B. THREM, doing business as Airtite Mfg. Co., Toledo, Ohio. Filed June 16, 1947.

AiRite

FOR NITROUS OXID, CARBON DIOXID; INSECTICIDES, INSECT REPELLANTS AND ODOR CONTROL MEDIUMS, MORE PARTICULARLY OF SELECTED OILS, SUCH AS PINE, CITRONELLA, KEROSENES, INCLUDING FRAGRANCE IMPARTING PERFUMES AND COLOGNES, SOLD IN CONTAINERS UNDER REGULATING AND DISPENSING CONTROLS, WHICH CONTAINERS ARE ADAPTED FOR REFILLING, THE CHARGED CONTAINERS BEING ADAPTED FOR WHIPPERS IN SODA FOUNTAIN USE, IN SICK ROOM AND HOUSEHOLD USE FOR CONTROLLING THE AIR OR MODIFYING HUMIDITY, AS WELL AS FUMIGATING AGAINST FLIES, MOTHS, MOSQUITOES, ANTS, COCKROACHES, MITES, LICE, BED BUGS.

Claims use since 1935.

Ser. No. 525,126. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

DENDROL

FOR INSECTICIDES.

Claims use since Dec. 13, 1926.

Ser. No. 525,470. WOODARD LABORATORIES, INC., Los Angeles, Calif. Filed July 1, 1947.



The terms "Prophylaxis" and "Therapeusis" are hereby disclaimed apart from the other features of the mark.

FOR CHEMICAL, PHARMACEUTICAL, AND BIOLOGICAL PREPARATIONS FOR USE IN THE TREATMENT OF AILMENTS AND FOR THE CORRECTION OF DIET AND OTHER DEFICIENCIES IN HUMAN BEINGS AND OTHERS, AND IN THE PRACTICE OF PREVENTIVE MEDICINE—NAMELY, VITAMIN COMPOUNDS, DIETARY SUPPLEMENTS, DIGESTIVE COMPOUNDS, LAXATIVES, ANEMIA COMPOUNDS, ANTIHEMORRHAGIC COMPOUNDS, AND PREPARATIONS USED IN THE TREATMENT OF MEMBRANOUS INFLAMMATIONS AND SUPPURATIVE AND INFECTIVE PROCESSES.

Claims use since July 1, 1942.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 525,222. LEKTROLITE CORPORATION, New York, N. Y. Filed June 30, 1947.



FOR CIGAR, CIGARETTE, AND PIPE LIGHTERS, OF THE CATALYTIC TYPE, AND PARTS FOR SAID CIGAR, CIGARETTE, PIPE LIGHTERS; CIGARETTE AND CIGAR HOLDERS.

Claims use since June 1, 1933.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 524,732. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed June 24, 1947. Under section 5b of the act of 1905, as amended in 1920.

SHERWIN-WILLIAMS

Applicant is owner of registration No. 438,455 of Apr. 20, 1948, effected on the ground of actual and exclusive use of the mark for ten years next preceding Feb. 20, 1905.

FOR PUTTY, CAULKING COMPOUND, CRACK FILLERS AND GLAZING COMPOUNDS FOR MOUNTING GLASS, FILLING CREVICES AND CRACKS, AND THE LIKE; AND ASPHALT AND COAL TAR COMPOSITIONS FOR ROOFING, REPAIRING ROOFS, WATERPROOFING, AND PROTECTIVELY COATING WALLS AND OTHER STRUCTURES OF MASONRY AND CONCRETE, AND PROTECTING PIPE, WALLS AND OTHER STRUCTURES AGAINST MOISTURE AND CORROSIVE AGENTS.

Claims use since 1906.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 478,188. FRANCISCO DIAZ POSADA, Buenos Aires, Argentina. Filed Jan. 3, 1945.



FOR FLOAT VALVES.

Claims use since January 1942.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 477,428. THE MERCURY BATTERY CHARGER CO., Kansas City, Mo. Filed Dec. 11, 1944.

HI-LO-MATIC

The term "Hi-Lo" is disclaimed apart from the mark shown in the drawing.

FOR COMBINATION BATTERY CHARGING AND TESTING APPARATUS.

Claims use since Dec. 4, 1944.

Ser. No. 496,380. THE HARTFORD ELEMENT COMPANY, Hartford, Conn. Filed Feb. 11, 1946.

JIFFY



The representation of the goods is disclaimed apart from the mark as shown.

FOR REPLACEMENT ELECTRICAL ELEMENTS.

Claims use since Sept. 10, 1945.

Ser. No. 519,381. THE DE LAVAL SEPARATOR COMPANY, New York, N. Y. Filed Mar. 21, 1947.



No claim is made for the words "Water Heater" apart from the mark.

FOR ELECTRICAL WATER HEATERS.

Claims use since Jan. 27, 1947.

Ser. No. 525,959. SHER-BAIR LAMP SHADE CO., Chicago, Ill. Filed July 3, 1947.



FOR SHADES FOR ELECTRIC LAMPS.

Claims use since April 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 525,512. MARTHA L. WARD, doing business as M. L. Ward Mfg. Company and M. L. Ward Manufacturing Company, M. L. Ward Company, and M. L. Ward Co., Philadelphia, Pa. Filed July 1, 1947.

PAINTRIX

FOR EDUCATIONAL TOY, CONSISTING OF A SHEET OR SHEETS OF PAPER IN LOOSE OR IN BOUND FORM HAVING THEREON NORMALLY INVISIBLE PICTURES MADE VISIBLE BY THE APPLICATION OF A FLUID.

Claims use since May 23, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 505,564. DUNN ENGINEERING COMPANY, Detroit, Mich. Filed July 13, 1946.

DU Dunamatic NN

Applicant disclaims the letters "DU" and "NN" apart from the mark.

FOR SCREW MACHINE ATTACHMENT FOR A LATHE.

Claims use since May 28, 1946.

Ser. No. 505,753. JARDIN ASSOCIATES, INC., New York, N. Y. Filed July 17, 1946.

SOUNTROL

FOR VIBRATION-CONTROL AND NOISE-CONTROL BLOCKS INTENDED FOR THE PROTECTION OF BUSINESS MACHINES.

Claims use since May 1, 1946.

Ser. No. 508,560. WHITINO CORPORATION, Harvey, Ill. Filed Sept. 5, 1946. Under 10-year proviso.

SWENSON

FOR VARIOUS TYPES OF EVAPORATORS ADAPTED FOR USE IN FOOD, PHARMACEUTICAL, CHEMICAL, METALLURGICAL, PAPER AND OTHER PROCESS INDUSTRIES—NAMELY, CALANDRIA EVAPORATORS, BASKET EVAPORATORS, VERTICAL TUBE EVAPORATORS, HORIZONTAL TUBE EVAPORATORS; FILTERS ADAPTED FOR SEPARATING CRYSTALLINE MATERIAL FROM PROCESS SOLUTIONS AND ALSO FOR EFFECTING SEPARATION AND WASHING OF WOOD PULP IN THE PROCESS OF MAKING PAPER; CRYSTALLIZERS; CAUSTICIZERS; SLAKERS; SPRAY DRIERS; VARIOUS TYPES OF CONDENSERS—NAMELY, TUBULAR CONDENSERS, CASCADE CONDENSERS, DIRECT CONTACT CONDENSERS; AND VACUUM COOLERS.

Claims use since 1890.

Ser. No. 509,227. MACK MANUFACTURING CORPORATION, New York, N. Y. Filed Sept. 17, 1946.

PLANIDRIVE

FOR DRIVING AXLES FOR VEHICLES.

Claims use since July 19, 1946.

Ser. No. 512,305. AMERICAN MACHINE AND FOUNDRY COMPANY, Brooklyn, N. Y. Filed Nov. 9, 1946.

AMF

FOR RUNNING STITCH SEWING MACHINES, MACHINES FOR GLOVE SEWING AND ORNAMENTAL STITCHING, AND PARTS AND ACCESSORIES PERTAINING TO SUCH MACHINES (since June 27, 1938); DOUGH MEASURING, LUMP FORMING AND PRETZEL TYING AND BENDING MACHINES, AND PARTS AND ACCESSORIES PERTAINING TO SUCH MACHINES (since Feb. 3, 1944); APPARATUS FOR RECEIVING, STORING AND DISPENSING BOTH BULK MATERIAL AND MATERIAL CAPABLE OF BEING STACKED, INCLUDING MACHINE PARTS, COMMERCIAL PARTS, TRAYS, DISHES, CUPS, PLATES, SAUCERS, GLASSES AND OTHER MATERIAL, AND FOR AUTOMATICALLY LOWERING AND RAISING THE STORED MATERIAL A DISTANCE CORRELATED TO THE WEIGHT OF EACH INCREMENT AND DECREMENT OF MATERIAL ADDED TO OR REMOVED FROM THE MATERIAL STORED IN SAID APPARATUS IN ORDER TO MAINTAIN THE TOP OF THE MATERIAL STORED IN SAID APPARATUS AT A CONSTANT PREDETERMINED LEVEL, AND ALSO PARTS AND ACCESSORIES PERTAINING TO SUCH APPARATUS (since approximately Nov. 13, 1945); MACHINES FOR APPLYING BANDS OR SEALS TO BOTTLES, JARS AND OTHER SIMILAR CONTAINERS, AND PARTS AND ACCESSORIES PERTAINING TO SUCH MACHINES (since Mar. 28, 1946).

Claims use since dates given with particular goods above.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 498,956. UNIVERSAL CAMERA CORPORATION, New York, N. Y. Filed Mar. 25, 1946.

ULTRAVOX

FOR ELECTRICAL MOTION PICTURE SOUND PROJECTORS AND ACCESSORIES FOR THE SAME—NAMELY, AMPLIFIERS AND MICROPHONES.

Claims use since Feb. 4, 1946.

Ser. No. 517,189. GENERAL RESEARCH & DEVELOPMENT CO., Fenton, Mich. Filed Feb. 8, 1947.

rado

FOR INSTRUMENTS FOR CONTROLLING THE FUNCTIONING OF INTERNAL COMBUSTION ENGINES COMPRISED OF THERMOSTATS RESPONSIVE TO TEMPERATURE AND/OR PRESSURES IN THE INTAKE MANIFOLD OF AN INTERNAL COMBUSTION ENGINE FOR VARIABLY CONTROLLING THE FUEL-AIR RATIO SUPPLIED TO THE ENGINE, THE TEMPERATURE OF THE AIR SUPPLIED TO THE ENGINE, THE MAXIMUM DEGREE OF OPENING OF THE THROTTLE, AND/OR THE RATE OF SUPPLY OF AN AUXILIARY CHARGE COMPONENT, SUCH AS AN ANTI-DETONANT OR COOLING AGENT TO THE ENGINE.

Claims use since August 1944.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 492,167. WILLIAM WOLF, Newark, N. J., assignor to Silver & Troy, Newark, N. J., a firm composed of Fred Silver and Francis J. Troy. Filed Nov. 24, 1945.

MAGNI-VUE

Applicant disclaims the word "Vue" apart from the mark as shown.

FOR HAND MIRRORS.

Claims use since Oct. 15, 1945.

Ser. No. 521,314. ATLANTIC UNION COLLEGE, South Lancaster, Mass. Filed Apr. 25, 1947.

KOLLEGE KRAFT

FOR WOODEN DRAWER AND FOOT LOCKER CHESTS, BOOKCASES, TABLES IN THE NATURE OF FURNITURE, STEP STOOLS, LAWN CHAIRS, PICNIC TABLES, AND TABLE AND CHAIR SETS.

Claims use since Mar. 21, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 507,264. LEYMAN MANUFACTURING CORPORATION, Cincinnati, Ohio. Filed Aug. 12, 1946.

Kodweld

FOR EVAPORATORS FOR USE IN REMOVING LIQUIDS FROM SALTS OR OTHER SOLIDS AND HEAT EXCHANGERS FOR USE IN HEATING AND COOLING LIQUIDS, GASES AND VAPORS.

Claims use since July 30, 1946.

Ser. No. 518,333. L. J. WING MFG. CO., New York, N. Y. Filed Feb. 27, 1947.

WINGFOIL

FOR FORCED DRAFT FANS AND FANS USED IN VENTILATING SYSTEMS.

Claims use since Sept. 25, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 519,001. BURNETT ELBERT HORNER, Oklahoma City, Okla., assignor to Simplicity Merchandiser, Inc., Oklahoma City, Okla. Filed Mar. 14, 1947.

Simplicity MERCHANDISER

FOR BUSINESS FORMS IN THE NATURE OF PARTIALLY PRINTED REPORTS, AND FILING CARDS.

Claims use since Feb. 26, 1947.

CLASS 39

CLOTHING

Ser. No. 492,796. GILBERT SEALFON AND DOROTHY LOEB, New York, N. Y. Filed Dec. 6, 1945.

Maternally yours

FOR MATERNITY APPAREL CONSISTING OF DRESSES, SLIPS, BLOOMERS, TOPPERS, LOUNGING ROBES, HOUSECOATS, GIRDLES, BRASSIÈRES AND NIGHTGOWNS.

Claims use since Nov. 27, 1945.

Ser. No. 496,448. G. R. KINNEY CO. INC., New York, N. Y. Filed Feb. 12, 1946.

JOG-ALONGS

FOR MEN'S, WOMEN'S AND CHILDREN'S SHOES OF LEATHER, RUBBBER, FABRIC, OR COMBINATIONS THEREOF.
Claims use since December 1938.

Ser. No. 497,694. BECKERMAN SHOE CORPORATION OF BOYERTOWN, Brooklyn, N. Y. Filed Mar. 6, 1946.



The picture of the boy and girl are fanciful and no claim is made to the word "Children" apart from the mark.
FOR INFANTS AND CHILDREN'S SHOES MADE OF LEATHER.
Claims use since Jan. 8, 1945.

Ser. No. 518,558. POLLACK & KATZ, INC., New York, N. Y., assignor to Par-Kay Mills, Inc., New York, N. Y., a corporation of New York. Filed Mar. 5, 1947.

=Par-Kay=

FOR MEN'S, WOMEN'S, CHILDREN'S, AND INFANTS' UNDERWEAR AND CHILDREN'S SLEEPING GARMENTS.
Claims use since Dec. 1, 1945.

Ser. No. 522,318. CURRICK & LEIKEN CO. INC., New York, N. Y. Filed May 13, 1947.

Golden Loom
Shetland

The word "Shetland" is disclaimed apart from the mark as shown.
FOR SUITS, TOPCOATS, SPORT COATS, AND SPORT JACKETS MADE WHOLLY OR IN PART FROM SHETLAND WOOL.
Claims use since Apr. 17, 1947.

Ser. No. 524,253. PAULIZ OF CALIFORNIA, Los Angeles, Calif. Filed June 16, 1947.

Maternally yours

FOR WOMEN'S WEARING APPAREL, SPECIFICALLY, COATS, DRESSES, AND SUIT DRESSES COMPRISING A COAT AND COMBINED SKIRT AND WAIST.
Claims use since January 1940.

Ser. No. 525,756. THE ADLER COMPANY, Cincinnati, Ohio. Filed July 3, 1947. Under 10-year proviso.

ADLER

FOR KNITTED SOCKS.
Claims use since January 1887.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 519,952. JOHN HEATHCOAT & CO., Tiverton, Devon, England, assignor to John Heathcoat & Co., Inc., New York, N. Y. Filed Apr. 1, 1947.

HEATHCOAT

The portrait is of John Heathcoat, deceased, inventor and founder of the above company.
FOR NETTINGS AND VEILINGS.
Claims use since 1921.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 525,791. YETTA COHEN, doing business as The Penafax Company, Philadelphia, Pa. Filed July 3, 1947.

TRADE MARK
PENALUN
STAINLESS CASTINGS
THE KEY TO
PERFECT PARTIALS

Applicant disclaims the words "Trade Mark," "Stainless," "Castings," "Perfect Partials" apart from the mark as shown.
FOR ALLOYS FOR USE IN PREPARING, AND IN, DENTAL CASTINGS.
Claims use since Jan. 3, 1947.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 525,614. SAMUEL LERNER, New York, N. Y. Filed July 2, 1947.



PARAGRAPE

The illustrations of the men shown on the drawing are fanciful and the lining is for shading only.
FOR NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGE, SOLD AS A SOFT DRINK, AND SIRUP AND EXTRACT FOR MAKING THE SAME.
Claims use since Jan. 31, 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 502,433. GIACOMO FOTI, doing business as Rosa Food Products Co., Philadelphia, Pa. Filed May 20, 1946.

Rosa

Applicant is the owner of Reg. No. 216,603.
FOR OLIVE OIL.
Claims use since Feb. 10, 1926.

Ser. No. 503,070. FROZEN DRUMSTICK SALES COMPANY, Fort Worth, Tex. Filed May 31, 1946.

=P.S.

PARKER'S
STABILOSE

Applicant disclaims the exclusive use of the surname "Parker's" apart from the mark as shown on the drawing.
FOR A PREPARATION IN THE FORM OF A POWDER FOR USE AS A STABILIZER AND BALANCING AGENT IN ICE CREAM AND OTHER CONFECTIONS.
Claims use since Mar. 6, 1946.

Ser. No. 513,089. HAROLD L. WRIGHT, doing business as Triple W Products Co., Los Angeles, Calif. Filed Nov. 22, 1946.

TRIPLE W BRAND

Exclusive use of the word "Brand" is disclaimed apart from the mark as shown.
FOR PREPARED FEED FOR POULTRY AND LIVESTOCK.
Claims use since Mar. 1, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 520,467. POLLAK INDUSTRIES CORPORATION, Detroit, Mich. Filed Apr. 10, 1947.



The words "Kitchen" and "Household" are disclaimed apart from the mark.
FOR KITCHEN UTENSILS, SPECIFICALLY PASTRY BOARDS, NOODLE BOARDS, PADDLE BOARDS.
Claims use since Feb. 20, 1947.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.

As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 513,385. BOSTON WOVEN HOSE & RUBBER COMPANY, Cambridge, Mass. Filed Mar. 17, 1948.

BULL DOG

BOSTON WOVEN HOSE & RUBBER COMPANY

The words "Boston Woven Hose and Rubber Company" are disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 212,939, renewed: 362,821, and 364,874.

FOR PLASTIC MATERIAL IN THE FORM OF RIGID, SEMI-RIGID AND FLEXIBLE SHEETS, AND CONTINUOUS EXTRUSION PLASTIC STRIPS FOR FABRICATION INTO VARIOUS MANUFACTURED ARTICLES.

Claims use since Oct. 26, 1946.

Ser. No. 513,444. MONARCH LEATHER COMPANY, Chicago, Ill. Filed Jan. 22, 1948.

ALASKAN

FOR LEATHER.

Claims use since July 1, 1921.

Ser. No. 528,848. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y. Filed July 18, 1947.

ROYAL PLUMBERS

SPUN OAKUM

No claim is made to the words "Plumbers Spun Oakum" apart from the mark.

FOR OAKUM FOR PACKING AND CALKING.

Claims use since Apr. 15, 1917.

Ser. No. 537,838. T O RANCH COMPANY, Raton, N. Mex. Filed Oct. 14, 1947.

TO

FOR BEEF CATTLE.

Claims use since 1870.

Ser. No. 538,503. EASTERN GAS AND FUEL ASSOCIATES, Boston, Mass. Filed Oct. 21, 1947.

EASTERN GAS AND FUEL ASSOCIATES

BEACON COAL

No claim is made to the words "Coal" and "Eastern Gas and Fuel Associates" apart from the mark as shown. Applicant claims ownership of registration No. 104,228.

FOR COAL.

Claims use since Sept. 27, 1947.

Ser. No. 542,354. RAVEN RED ASH COAL CO., INC., Beckley, W. Va. Filed Nov. 25, 1947.



FOR COAL.

Claims use since Feb. 10, 1907.

CLASS 2

RECEPTACLES

Ser. No. 517,552. CAMBRIDGE PAPER BOX COMPANY, Cambridge, Mass. Filed Aug. 18, 1947.

CAM·PAK

The word "Pak" is disclaimed apart from the mark as shown.

FOR TUBULAR DISPENSING CONTAINERS FOR POWDERED MATERIAL, WHICH CONTAINERS ARE MADE OF PAPER, CARDBOARD, OR OTHER CELLULOSIC MATERIAL.

Claims use since May 19, 1944.

Ser. No. 519,170. THE CARIS COMPANY, Brooklyn, N. Y. Filed Oct. 11, 1947.

Mother's Aid

FOR BAGS OF WATERPROOF PLASTIC MATERIAL AND WATERPROOF TEXTILE MATERIAL FOR DIAPERS AND LAUNDRY.

Claims use since Feb. 5, 1947.

Ser. No. 534,973. ARISTOCRAT LEATHER PRODUCTS, INC., New York, N. Y. Filed Sept. 19, 1947.

"INNER SANCTUM"

Applicant claims ownership of registrations Nos. 415,219, 421,202, and 427,716.

FOR COMPACT AND VANITY CASES MADE OF MATERIALS OTHER THAN PRECIOUS OR SEMI-PRECIOUS METALS AND SOLD EMPTY IN THE TRADE.

Claims use since Nov. 15, 1944.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 490,969. JAMES H. RHODES & COMPANY, Chicago, Ill. Filed Feb. 20, 1948.

COLOSSUS

FOR STEEL WOOL, PUMICE, AND OTHER POLISHING STONES AND CHEMICALLY TREATED POLISHING CLOTHS.

Claims use since 1905.

Ser. No. 495,389. "J A V," SOCIÉTÉ ANONYME, Bezons, France. Filed Sept. 18, 1947.

JAV

FOR CLEANING AND SCRUBBING PREPARATIONS AND SOAPS FOR INDUSTRIAL AND DOMESTIC USES.

Claims use since 1932.

Ser. No 514,029. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 14, 1947.



FOR DETERGENTS FOR WASHING, SCOURING AND CLEANSING ALL KINDS OF TEXTILE MATERIALS IN ALL CONDITIONS AND STAGES OF MANUFACTURE; FOR WASHING, SCOURING AND CLEANSING HIDES, LEATHER, METALS, MACHINERY, PAINTED AND LACQUERED SURFACES, OIL WELLS; AND FOR HOUSEHOLD USE.

Claims use since Nov. 8, 1946.

Ser. No. 528,016. PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed July 5, 1947. Under section 2f of the act of 1946.

Sheer

Applicant claims ownership of registration No. 374,054.

FOR SUDSING CLEANER, CLEANSER AND DETERGENT.

Claims use since Aug. 22, 1938.

Ser. No. 529,559. BELL & HOWELL COMPANY, Chicago, Ill. Filed July 26, 1947.

FILMOLEEN

FOR CLEANING FLUID FOR CLEANING PHOTOGRAPHIC FILM.

Claims use since July 10, 1930.

Ser. No. 531,769. E. REED BURNS MANUFACTURING CORPORATION, Brooklyn, N. Y. Filed Aug. 19, 1947. Under section 2f of the act of 1946.

STEELSHINE

Applicant claims ownership of registration No. 400,810.

FOR POLISHING AND BUFFING COMPOUND FOR USE ON PLASTICS AND NON-FERROUS METALS.

Claims use since Mar. 17, 1932.

Ser. No. 534,339. THE PROCTER & GAMBLE COMPANY, doing business as The Globe Soap Company, Cincinnati, Ohio. Filed Sept. 12, 1947. Under section 2f of the act of 1946.

dimity

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since February 1936.

Ser. No. 538,733. S. R. DROESCHER, INC., New York, N. Y. Filed Oct. 23, 1947. Under section 2f of the act of 1946.

"Swaty"

FOR RAZOR HONES.
Claims use since 1941.

Ser. No. 550,915. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Mar. 1, 1948.

Golden Key

Applicant claims ownership of registrations Nos. 220,795 and 244,325.
FOR SHAVING CREAM.
Claims use since Mar. 5, 1932.

Ser. No. 550,917. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Mar. 1, 1948.

Golden Key

Applicant claims ownership of registrations Nos. 220,795 and 244,325.
FOR A CLEANSING PREPARATION IN POWDER FORM FOR GENERAL HOUSEHOLD AND LAUNDRY USE.
Claims use since Dec. 11, 1942.

Ser. No. 558,351. THE CUDAHY PACKING COMPANY, Chicago, Ill. Filed June 3, 1948.

BUCKSHOT

FOR LAUNDRY SOAP IN POWDERED FORM.
Claims use since Feb. 18, 1919.

Ser. No. 558,372. THE CUDAHY PACKING COMPANY, Chicago, Ill. Filed June 3, 1948.

TRIPLE X

FOR SCOURING POWDER USED PRIMARILY FOR CLEANING MARBLE, TILE, TERRAZZO, PORCELAIN, ENAMELS, AND WASHING WALLS.
Claims use since Oct. 10, 1934.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 507,417. CHARLES W. POTTER, Syracuse, N. Y. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

Pottergas

FOR HYDROCARBON AND MANUFACTURED FUEL GAS SOLD AS SUCH FOR USE IN STORAGE TANKS SUCH AS USED IN HOMES, RESTAURANTS, HOTELS, AND OTHER PLACES WHERE HYDRO-CARBON GASES ARE USED, AND ALSO SOLD IN SMALL CYLINDERS, BOTTLES AND EQUIVALENT CONTAINERS, AND USEFUL DIRECTLY FROM SAID CONTAINERS AS A FUEL FOR STOVES, RANGES, BOILERS, AUTOMATIC WATER HEATERS, REFRIGERATORS, HEATING APPARATUS, GAS BASE HEATERS, AND HOUSEHOLD APPLIANCES.
Claims use since 1937.

Ser. No. 516,615. MEAD JOHNSON & COMPANY, Evansville, Ind. Filed July 5, 1947.

ALACTA

Applicant claims ownership of registration No. 277,565.
FOR PHARMACEUTICAL PREPARATION WHICH SUPPLIES NUTRITIONAL NEEDS.
Claims use since June 10, 1930.

Ser. No. 519,074. LEAKE CHEMICAL COMPANY, Keo, Ark. Filed Oct. 28, 1947. Under section 2f of the act of 1946.

LEAKE'S

FOR ALL-PURPOSE LINIMENT.
Claims use since 1918.

Ser. No. 522,841. FURST-MCNESS COMPANY, Freeport, Ill. Filed Sept. 19, 1947. Under section 2f of the act of 1946.

FURST-McNESS COMPANY
ALWAYS GOOD
FREEPORT, ILLINOIS U.S.A.

The words "Always Good" and "Freeport, Illinois, U. S. A." are disclaimed apart from the mark.
FOR ROUND WORM REMEDY, CHOCOLATE COATED LAXATIVE, TOOTH PASTE, LAXATIVE HERB TEA, AROMATIC COMPOUND FOR TREATMENT OF DIARRHEA, COLIC AND CRAMPS DUE TO GAS, LINIMENTS FOR MUSCULAR ACHES AND PAINS, INTERNAL LINIMENTS, COUGH SYRUP, INTERNAL AND EXTERNAL PAIN OIL, LAXATIVE COMPOUNDS, VITAMIN TONICS, INHALANTS FOR RELIEF OF DISCOMFORT DUE TO HEAD COLDS, ASPIRIN, COLD TABLETS, MENTHOLATED OINTMENT, SALVE FOR EXTERNAL USE, BARB WIRE LINIMENT, AND COLIC AND BLOAT RELIEF.
Claims use since 1927.

Ser. No. 526,974. ROHLOFF MANUFACTURING COMPANY, Toledo, Ohio. Filed July 5, 1947.

TAPE-EZE

The word "Tape" is disclaimed apart from the mark as shown.
FOR CHEMICAL PREPARATION TO BE ADDED TO THE WATER OF A TAPE DISPENSING MACHINE FOR CONDITIONING THE GLUE OF THE GUMMED TAPE DISPENSED THEREBY.
Claims use since Jan. 6, 1945.

Ser. No. 527,211. ARTHUR E. SMITH, Los Angeles, Calif. Filed July 5, 1947.

TRAP-DOOR

Applicant claims ownership of registration No. 388,663.
FOR LOCAL ANESTHETIZING, NERVE BLOCKING TABLETS; LOCAL ANESTHETIZING, NERVE BLOCKING POWDERS; LOCAL ANETHETIZING, NERVE BLOCKING SOLUTIONS; ANESTHETIC TABLETS, ANAESTHETIC POWDERS, AND ANESTHETIC SOLUTIONS.
Claims use since Mar. 4, 1941.

Ser. No. 527,215. ARTHUR E. SMITH, Los Angeles, Calif. Filed July 5, 1947.

Conducto

Applicant claims ownership of registrations Nos. 389,045 and 261,647.
FOR LOCAL ANESTHETIZING, NERVE BLOCKING TABLETS, LOCAL ANESTHETIZING, NERVE BLOCKING POWDERS, LOCAL ANESTHETIZING, NERVE BLOCKING SOLUTIONS, ANESTHETIC TABLETS, ANESTHETIC POWDERS, ANESTHETIC SOLUTIONS AND MEDICINAL OINTMENT USED AS A SURGICAL DRESSING AND INTRODUCED INTO TEETH SOCKETS AFTER EXTRACTIONS AND ALSO USED FOR TREATING WOUNDS AND SKIN DISEASES.
Claims use since August 1915.

Ser. No. 527,317. TABLE ROCK LABORATORIES, INC., Greenville, S. C. Filed July 5, 1947.

ROIDIN

Applicant claims ownership of registration No. 422,967.
FOR TABLETS FOR THE TREATMENT OF HYPOTHYROIDISM.
Claims use since January 1941.

Ser. No. 528,329. DON BAXTER, INC., Glendale, Calif. Filed July 11, 1947.

TRINIDEX

FOR SOLUTIONS CONTAINING VITAMINS OR CONSTITUENTS THEREOF AND SOLUTIONS FOR PARENTERAL THERAPY CONTAINING SYNTHESIZED CONSTITUENTS OF VITAMIN B-COMPLEX.
Claims use since Dec. 4, 1942.

Ser. No 528,565. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 14, 1947. Under section 2f of the act of 1946.

AZO PHLOXINE

Applicant claims ownership of registration No. 184,724.
FOR DYES AND DYESTUFFS.
Claims use since Mar. 17, 1903.

Ser. No. 528,718. JOHN J. HARRIS, doing business as No Equal Products Company Not Inc. and Nature's Mineral Health Food Shop, Chicago, Ill. Filed July 16, 1947. Under section 2f of the act of 1946.

NO EQUAL

Applicant claims ownership of registration No. 250,240.
FOR DENTIFRICES—NAMELY, TOOTH PASTE, TOOTH POWDER AND MOUTH WASHES AND ON CONCENTRATED COLLOIDAL MINERALS FOR USE AS NASAL DOUCHE.
Claims use since Dec. 2, 1927.

Ser. No. 530,213. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

SOUTHWIND

Applicant claims ownership of registration No. 271,880.
FOR FACE POWDER.
Claims use since Jan. 22, 1930.

Ser. No. 530,219. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

Applicant claims ownership of registration No. 322,879.
FOR PERFUMES, COLOGNES, TOILET WATERS, POWDERS, LIPSTICKS, ROUGES AND FOUNDATION MAKE-UP PREPARATIONS.
Claims use since May 1, 1927.

Ser. No. 530,222. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

Quick Change

Applicant claims ownership of registration No. 388,608.
FOR FOUNDATION MAKE-UP PREPARATIONS.
Claims use since Jan. 16, 1941.

Ser. No. 530,223. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

Robin Hood

Applicant claims ownership of registration No. 374,945.
FOR ROUGE AND LIPSTICK.
Claims use since Aug. 31, 1939.

Ser. No. 530,225. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

Tempest

Applicant claims ownership of registration No. 398,142.
FOR PERFUMES, COLOGNES, TOILET WATERS, POWDERS, LIPSTICKS, ROUGES, AND FOUNDATION MAKE-UP PREPARATIONS.
Claims use since Feb. 25, 1942.

Ser. No. 530,449. WALLERSTEIN COMPANY, INC., New York, N. Y. Filed Aug. 4, 1947. Under section 2f of the act of 1946.

BURTON SALTS

FOR WATER HARDENING COMPOSITION FOR USE IN THE BREWING INDUSTRY.
Claims use since January 1905.

Ser. No. 530,613. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio. Filed Aug. 6, 1947.

VITONE

FOR FACE CREAM.
Claims use since Feb. 10, 1926.

Ser. No. 530,932. JULIUS GOLDNER, doing business as Warwick Laboratories Company, Brooklyn, N. Y. Filed Aug. 9, 1947.

WARCO

Applicant claims ownership of registration No. 435,544.
FOR LIQUID RADIATOR SOLDER.
Claims use since May 1935.

Ser. No. 531,407. WARNER F. WILHELM, doing business as Prolong Company, Chicago, Ill. Filed Aug. 14, 1947.

PROLONG

FOR PREPARATION FOR TOPICAL ANAESTHETIC.
Claims use since Oct. 31, 1946.

Ser. No. 531,673. JAMIESON PHARMACAL COMPANY, Detroit, Mich. Filed Aug. 18, 1947.

MEDUMALT

FOR NUTRITIVE TONICS CONTAINING MALT SYRUP, VITAMINS AND MINERAL SUPPLEMENTS.
Claims use since July 21, 1939.

Ser. No. 531,676. JAMIESON PHARMACAL COMPANY, Detroit, Mich. Filed Aug. 18, 1947.

DI-PHOS-VIO

FOR WAFERS CONTAINING DICALCIUM PHOSPHATE AND VIOSTEROL FOR THERAPEUTIC USE WHERE CALCIUM AND PHOSPHORUS ARE INDICATED.
Claims use since Apr. 20, 1945.

Ser. No. 531,767. BOTANY MILLS, INC., Passaic, N. J. Filed Aug. 19, 1947.

BOTANY MILLS, INC. B M PASSAIC, N.J.

The words "Mills, Inc." and "Passaic, N. J.," are disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 376,810 and 405,806.
FOR LANOLIN; LANOLIN TOILET CREAM; LANOLIN LOTION; FACE POWDER; LIPSTICK; LIPSTICK REFILLS; AND TRAVEL KITS CONTAINING HAND LOTION, LANOLIN, AND LANOLIN TOILET CREAM.
Claims use since June 5, 1947.

Ser. No. 532,911. COLORADO CHEMICAL COMPANY, Denver, Colo. Filed Aug. 30, 1947.

PEDZOL

FOR MEDICATED CREAM-LIKE SUBSTANCE FOR USE IN THE TREATMENT OF CORNS AND CALLOUSES.
Claims use since Dec. 12, 1946.

Ser. No. 534,158. LUCIEN LELONG, INC., Chicago, Ill. Filed Sept. 11, 1947.

BAGUETTE

Applicant claims ownership of registrations Nos. 269,464 and 273,301.
FOR ROUGES, DUSTING POWDERS, SACHET POWDERS, FACE POWDERS, LIPSTICKS AND FILLED ROUGE AND POWDER VANITY CASES.
Claims use since July 24, 1929.

Ser. No. 534,159. LUCIEN LELONG, INC., Chicago, Ill. Filed Sept. 11, 1947.

Applicant claims ownership of registration No. 255,465.
FOR PERFUMES, COLOGNES, TOILET WATERS, TALCUM POWDERS, FACE POWDERS, SACHET POWDERS, DUSTING POWDERS, LIPSTICKS, ROUGES AND FOUNDATION MAKE-UP PREPARATIONS.
Claims use since November 1939.

Ser. No. 534,702. WINDSOR-LLOYD PRODUCTS, INC., Wilmington, Del. Filed Sept. 16, 1947. Under section 2f of the act of 1946.

check shock

Applicant claims ownership of registration No. 334,831.
FOR HYDRAULIC SHOCK ABSORBER FLUID AND HYDRAULIC BRAKE FLUID.
Claims use since January 1933.

Ser. No. 534,777. WENCEL F. HETMAN, doing business under the name of Hetman and Co., Chicago, Ill. Filed Sept. 17, 1947.

Wash Wiser

No claim is made to "Wash" apart from the mark as shown.
FOR DIAPER WASH COMPRISING A PREPARATION HAVING DEODORIZING, DISINFECTING AND BLEACHING PROPERTIES, AND HAVING INCIDENTAL CLEANING PROPERTIES.
Claims use since Sept. 4, 1946.

Ser. No. 535,220. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif. Filed Sept. 22, 1947.

SELECTONE

FOR PARASITICIDES—NAMELY, INSECTICIDES, FUNGICIDES, AND HERBICIDES AND COMPOUNDS WHICH INFLUENCE SPECIFIC PHYSIOLOGICAL PROCESSES IN PLANTS—NAMELY, PLANT HORMONES.
Claims use since Aug. 1, 1947.

Ser. No. 535,343. OD PEACOCK SULTAN COMPANY, St. Louis, Mo. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

Peacock's BROMIDES

No claim is made to the exclusive use of the word "Bromides" apart from the mark shown. Applicant claims ownership of registration No. 51,534.
FOR MEDICINAL PREPARATION USED AS A NERVE SEDATIVE.
Claims use since 1885.

Ser. No. 537,378. VAN AMERINGEN-HAEBLER, INC., New York, N. Y. Filed Oct. 9, 1947.

ALVA

FOR PERFUMES AND ESSENTIAL OILS USED IN THE MANUFACTURE OF PERFUME AND LIKE PRODUCTS.
Claims use since 1924.

Ser. No. 537,449. GLEN MEDICAL COMPANY, INC., Troy, N. Y. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

Dr. Ketchum, M. D.
PREPARATION



The portrait is that of Dr. Ketchum, deceased. The word "Preparation" is disclaimed apart from the mark.
FOR A PREPARATION FOR THE RELIEF OF NERVOUSNESS, UPSET STOMACH, EXCESS ACID; A TONIC TO CLEANSE AND STRENGTHEN THE SYSTEM.
Claims use since June 15, 1927.

Ser. No. 537,625. WALTER B. SELLMER, doing business as Selmolene Manufacturing Company, also known as Selmolene Mfg. Co., San Rafael, Calif. Filed Oct. 11, 1947.

Selmo

Applicant claims ownership of registration No. 345,849.
FOR AN OINTMENT FOR THE RELIEF OF PILES.
Claims use since Feb. 15, 1947.

Ser. No. 537,867. BONNE BELL, INC., Lakewood, Ohio. Filed Oct. 15, 1947.

Bonne

Applicant claims ownership of registrations Nos. 347,350, 391,176, and 393,081.
FOR SHAMPOO IN CREAM FORM.
Claims use since Sept. 1, 1947.

Ser. No. 539,290. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Oct. 28, 1947.

Enor

Applicant claims ownership of registration No. 123,483.
FOR INSECTICIDES AND MOTH PREVENTATIVE AND EXTERMINATOR IN SOLID, GRANULAR AND LIQUID FORMS.
Claims use since April 1918 on moth preventive and exterminator; and since February 1921 on insecticides.

Ser. No. 540,176. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Nov. 5, 1947.

Colitho

FOR SOLUTION APPLIED TO LITHOGRAPHIC PAPER PLATES FOR PRESERVING THE SAME.
Claims use since Dec. 16, 1946.

Ser. No. 540,721. SANDOZ CHEMICAL WORKS, INC., New York, N. Y. Filed Nov. 10, 1947.

PANTHESINE

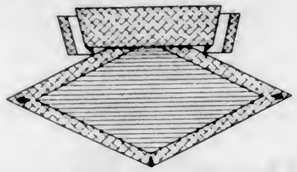
Applicant claims ownership of registration No. 283,776.
FOR A MEDICINAL PREPARATION HAVING ANESTHETIC PROPERTIES FOR THE USE IN LOCAL ANESTHESIA DURING MAJOR AND MINOR SURGERY AND FOR AN OINTMENT HAVING ANESTHETIC PROPERTIES.
Claims use since 1937.

Ser. No. 540,978. BOCON CHEMICAL CORPORATION, New York, N. Y. Filed Nov. 13, 1947.

BOCONIZE

FOR CHEMICAL COMPOUNDS USED TO MAKE FABRICS MOTH RESISTANT.
Claims use since May 5, 1947.

Ser. No. 542,285. CLOROX CHEMICAL CO., Oakland, Calif. Filed Nov. 25, 1947.



The drawing is lined for the colors orange, blue, and black. Applicant claims ownership of registrations Nos. 102,650, 279,405, and 287,293.
FOR BLEACHING, CLEANSING, ANTISEPTIC AND GERMICIDAL COMPOUND.
Claims use since May 1940.

Ser. No. 542,470. HOOD CHEMICAL CO., INC., Pittsburgh, Pa. Filed Nov. 26, 1947.

RUSTEZE

Applicant claims ownership of registration No. 271,851.
FOR CHEMICAL PREPARATION FOR REMOVING RUST STAINS FROM TEXTILE MATERIALS.
Claims use since June 1932.

Ser. No. 542,655. H. F. REMMERS, doing business as Remmer Chemical Company, Chicago, Ill. Filed Nov. 28, 1947.

RE-LAX

FOR EMBALMING FLUID.
Claims use since July 1926.

Ser. No. 543,049. FRANK AME, doing business as Ame Cosmetic Company, New Haven, Conn. Filed Dec. 3, 1947. Under section 2f of the act of 1946.

ROOTKARE

Applicant claims ownership of registration No. 404,971.
FOR HAIR LOTION, HAIR TONIC, SHAMPOO, AND WAVE LOTION.
Claims use since Feb. 25, 1941.

Ser. No. 543,250. WYETH INCORPORATED, Philadelphia, Pa. Filed Dec. 3, 1947.

PONDICILLIN

FOR ANTIBIOTIC WITH VASOCONSTRICTOR CONTAINING—NAMELY, PENICILLIN WITH EPHEDRINE.
Claims use since Oct. 24, 1947.

Ser. No. 543,839. SCHERING CORPORATION, Bloomfield, N. J. Filed Dec. 9, 1947.

THALAMYD

FOR PHTHALYLSULFACETIMIDE.
Claims use since Nov. 25, 1947.

Ser. No. 543,978. NEWPORT INDUSTRIES, INC., Pensacola, Fla. Filed Dec. 10, 1947.

NEWPORT

Applicant claims ownership of registration No. 294,579.
FOR PINE OIL.
Claims use since September 1916.

Ser. No. 544,260. FRIES BROS., INC., New York, N. Y. Filed Dec. 13, 1947. Under section 2f of the act of 1946.

GLYCO-ESTER

Applicant claims ownership of registration No. 206,539.
FOR SOLVENTS FOR FLAVORING EXTRACTS.
Claims use since May 15, 1923.

Ser. No. 544,969. BO-KAY PERFUME CO., INC., New York, N. Y. Filed Dec. 20, 1947.

Air-Float

Applicant claims ownership of registration No. 67,368.
FOR TALCUM POWDER, FACE POWDER, AND MEDICATED POWDER.
Claims use since July 1904.

Ser. No. 545,812. ELIZABETH V. W. BLAKE, Wilmington, Del. Filed Dec. 31, 1947.

OT-VAL GROVE

Applicant claims ownership of registration No. 145,044.
FOR HAIR TONIC, FACE CREAM, TALCUM POWDER, SKIN BALM, AND SCALP BALM.
Claims use since April 1919.

Ser. No. 545,982. THE C. P. HALL COMPANY, Akron, Ohio. Filed Jan. 2, 1948.

PARA-FLUX

Applicant claims ownership of registration No. 295,178.
FOR PLASTICIZER AND FLEXING MATERIAL FOR RUBBER AND SYNTHETIC RUBBERS.
Claims use since Feb. 20, 1925.

Ser. No. 546,760. CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J. Filed Jan. 12, 1948.

CIBALGINE

Applicant claims ownership of registration No. 190,105.
FOR A PHARMACEUTICAL PREPARATION PARTICULARLY APPLICABLE AS AN ANALGESIC AND A SEDATIVE.
Claims use since Oct. 9, 1924.

Ser. No. 547,148. POOR & COMPANY, Chicago, Ill. Filed Jan. 15, 1948.

Azed

FOR COMPOSITIONS IN THE NATURE OF ELECTROLYTES AND ADDITION AGENTS FOR USE IN THE CONTINUOUS PLATING OF METALS BY ACID ZINC AND ACID ZINC ALLOY ELECTRODEPOSITION PROCESSES.
Claims use since Jan. 5, 1948.

Ser. No. 547,376. FREDERICK M. TURNBULL, Los Angeles, Calif. Filed Jan. 17, 1948. Certificate Mark.

VASOSULFA

Applicant claims ownership of registrations Nos. 397,016 and 422,548.
FOR SULFATHIAZOLE COMPOUND.
Claims use since Mar. 31, 1942.

Ser. No. 548,347. D'ORSAY PERFUMERIES CORPORATION, New York, N. Y. Filed Jan. 30, 1948.

MILORD

FOR TOILET WATERS, PERFUMED POWDER SACHETS, FACE AND TALCUM POWDERS, LIPSTICKS, EYEBROW PENCILS, BATH SALTS, SHAMPOOS, BRILLIANTINES, PERFUME PREPARATIONS AND PERFUME EXTRACTS.
Claims use since 1932.

Ser. No. 549,746. PARADIZE PRODUCTS CORPORATION, Fairview, N. J. Filed Feb. 14, 1948.



FOR CHEMICAL MIXTURE FOR REPELLING AND KILLING MOTHS, THEIR LARVAE AND EGGS, IN THE FORM OF CRYSTALS AND NUGGETS.
Claims use since Dec. 8, 1947.

Ser. No. 549,747. PARADIZE PRODUCTS CORPORATION, Fairview, N. J. Filed Feb. 14, 1948.

PARADIZE

FOR CHEMICAL MIXTURE FOR REPELLING AND KILLING MOTHS, THEIR LARVAE AND EGGS, IN THE FORM OF CRYSTALS AND NUGGETS.
Claims use since Dec. 8, 1947.

Ser. No. 550,574. AYERST, MCKENNA & HARRISON LIMITED, Rouses Point and New York, N. Y. Filed Feb. 26, 1948.

SUPPLAVITE

Applicant claims ownership of registration No. 375,526.
FOR MULTIPLE VITAMIN PREPARATIONS.
Claims use since Feb. 5, 1948.

Ser. No. 551,463. EUGENE JERAL, Chicago, Ill. Filed Mar. 8, 1948.

Sham-Tabs

No claim is made to the exclusive use of the word "Tabs" apart from the mark.
FOR CREME SHAMPOO IN TABLET FORM.
Claims use since Mar. 5, 1948.

Ser. No. 552,300. WHITEHALL PHARMACAL COMPANY, New York, N. Y. Filed Mar. 18, 1948. Under section 2f of the act of 1946.

edna wallace HOPPER

The trade-mark consists of the name of a living person, consent given.
FOR COSMETICS—NAMELY, CLEANSING CREAMS, VANISHING CREAMS, DRY SKIN CREAMS, FOUNDATION CREAMS, COLD CREAMS AND FACIAL PACKS.
Claims use since Mar. 30, 1922.

Ser. No. 555,009. CLARENCE E. PAYNE, doing business as Dyacol Products Laboratory, San Francisco, Calif. Filed Apr. 19, 1948.

DYACOL

FOR PHOTOGRAPHIC CHEMICALS.
Claims use since Mar. 8, 1948.

Ser. No. 555,265. JESSIE H. GUM, Oakwood, Okla. Filed Apr. 22, 1948.

LUZ-NUN



FOR MEDICINE FOR FOWL.
Claims use since Jan. 1, 1948.

CLASS 7

CORDAGE

Ser. No. 544,286. JOHN A. ROEBLING'S SONS COMPANY, Trenton, N. J. Filed Dec. 13, 1947.

Steelply

Applicant claims ownership of registration No. 438,618.
FOR WIRE ROPE, CABLE, AND CORD.
Claims use since Apr. 8, 1947.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 506,962. RONSON ART METAL WORKS, INC., Newark, N. J. Filed Oct. 3, 1947.

REDSKIN

Applicant claims ownership of registration No. 160,372.
FOR FLINTS FOR CIGAR AND CIGARETTE LIGHTERS.
Claims use since Apr. 4, 1922.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 533,836. ATLAS POWDER COMPANY, Wilmington, Del. Filed Sept. 9, 1947.

ROCKMASTER

FOR ELECTRIC BLASTING CAPS.
Claims use since Oct. 30, 1945.

CLASS 10

FERTILIZERS

Ser. No. 527,190. RUHM PHOSPHATE & CHEMICAL COMPANY, Mt. Pleasant, Tenn. Filed July 5, 1947. Under section 2f of the act of 1946.

RUHM'S

Applicant claims ownership of registrations Nos. 263,172, 263,173, 409,781, and 411,165.
FOR FERTILIZER.
Claims use since Jan. 1, 1931.

Ser. No. 527,437. JOHN R. SIMPLOT, Pocatello, Idaho. Filed July 5, 1947.



The drawing is lined for blue and black. Applicant claims ownership of registration No. 435,430.

FOR FERTILIZERS, MORE PARTICULARLY COMPLETE FERTILIZERS.

Claims use since Aug. 14, 1945.

Ser. No. 527,467. JOHN R. SIMPLOT, Pocatello, Idaho. Filed July 5, 1947.

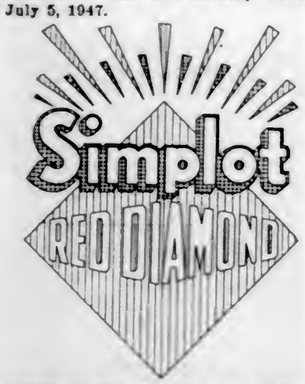


The drawing is lined for green and black. Applicant claims ownership of registration No. 435,430.

FOR FERTILIZERS, MORE PARTICULARLY AMMONIATED PHOSPHATE.

Claims use since June 2, 1945.

Ser. No. 527,468. JOHN R. SIMPLOT, Pocatello, Idaho. Filed July 5, 1947.



The drawing is lined for red and black. Applicant claims ownership of registration No. 435,430.

FOR FERTILIZERS, MORE PARTICULARLY SUPERPHOSPHATE.

Claims use since Jan. 27, 1945.

Ser. No. 528,543. VICTOR CHEMICAL WORKS, Chicago, Ill. Filed July 12, 1947.

TAKE HOLD

The trade-mark comprises the words "Take Hold."

FOR ½ MONOPOTASSIUM PHOSPHATE AND ½ DIAMMONIUM PHOSPHATE FOR A STARTER SOLUTION FOR TRANSPLANTING VEGETABLES AND FRUITS.

Claims use since April 1940.

Ser. No. 530,591. GEO. TAIT & SONS, INC., Norfolk, Va. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

SAFE N SURE

FOR PLANT FOOD OR FERTILIZER.

Claims use since 1930.

Ser. No. 548,099. PACIFIC CHEMICAL AND FERTILIZER COMPANY, Honolulu, Hawaii. Filed Jan. 27, 1948.



Applicant disclaims all wording of the mark with the exception of the words "Pacific" and "Gaviota." Applicant claims ownership of registration No. 96,329.

FOR FERTILIZERS.

Claims use since Jan. 1, 1912, on Gaviota; and since Jan. 1, 1920, on mark as shown.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 522,976. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed July 9, 1947. Under section 2f of the act of 1946 as to Burroughs.



Applicant claims ownership of registrations Nos. 255,960, 333,341, and 335,607.

FOR INKING RIBBONS USED WITH BUSINESS MACHINES—NAMELY, CALCULATING MACHINES, CASH REGISTERS, TYPEWRITERS, AND THE LIKE, AND FOR CARBON PAPER.

Claims use since Mar. 19, 1947.

Ser. No. 523,149. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed July 9, 1947.



Applicant claims ownership of registrations Nos. 255,960 and 333,341.

FOR INKING RIBBONS USED WITH BUSINESS MACHINES—NAMELY, CALCULATING MACHINES, CASH REGISTERS, TYPEWRITERS, AND THE LIKE; AND CARBON PAPER.

Claims use since Apr. 16, 1947.

Ser. No. 540,167. GODFREY L. CABOT, INC., Boston, Mass. Filed Nov. 5, 1947.

SPHERON

FOR CARBON BLACK FOR USE IN THE MANUFACTURE OF INK.

Claims use since June 1, 1938.

CLASS 12

CONSTRUCTION MATERIALS

Ser No. 538,695. WOOD CONVERSION COMPANY, St. Paul, Minn. Filed Oct. 22, 1947.

KREX-TONE

FOR LOW-DENSITY STRUCTURAL WOOD FIBER BOARD FOR INTERIOR FINISH AND FOR THERMAL AND SOUND INSULATION.

Claims use since Sept. 2, 1947.

Ser. No. 544,589. MEXICO REFRACTORIES COMPANY, Mexico, Mo. Filed Dec. 17, 1947.

MEX REF CO

FOR FIREBRICK.

Claims use since Nov. 24, 1930.

Ser. No. 545,160. PLIBRICO JOINTLESS FIREBRICK COMPANY, Chicago, Ill. Filed Dec. 22, 1947.

PLICAST

Applicant claims ownership of registrations Nos. 345,224 and 390,380.

FOR CASTABLE REFRACTORY MATERIAL.

Claims use since May 6, 1936.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 509,786. NATIONAL PRESSURE COOKER COMPANY, Eau Claire, Wis. Filed July 29, 1947.

Presto

FOR PRESSURE COOKERS AND PRESSURE CANNERS.

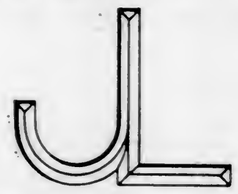
Claims use since Feb. 12, 1940.

Ser. No. 528,481. JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa. Filed July 12, 1947.

J&L

FOR METAL FENCING.
Claims use since 1941.

Ser. No. 528,487. JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa. Filed July 12, 1947.



FOR FERROUS PIPE AND TUBING.
Claims use since 1930.

Ser. No. 531,479. INLAND STEEL COMPANY, Chicago, Ill. Filed Aug. 15, 1947.

RED TOP

Applicant claims ownership of registrations Nos. 125,561 and 305,033.
FOR METAL FENCE POSTS.
Claims use since May 20, 1916.

Ser. No. 532,108. J. H. BALMER CO., Trenton, N. J. Filed Aug. 22, 1947. Under section 2f of the act of 1946.

CHINAWYTE

Applicant claims ownership of registration No. 210,884.
FOR BATHROOM FIXTURES—NAMELY, TUMBLER HOLDER; COMBINATION TUMBLER AND TOOTHBRUSH HOLDER; COMBINATION CIGAR, CIGARETTE, MATCH, ASH-TRAY, AND NEWSPAPER HOLDER; COMBINATION SHELF, TUMBLER AND SOAP HOLDER; COMBINED SHELF, TUMBLER AND TOOTHBRUSH HOLDER; UNITS FOR HOLDING SAFETY RAZOR SET, SHAVING BRUSH, SHAVING POWDER, PASTE OR SOAP; SOAP HOLDERS; TOWEL RACKS, TOILET PAPER HOLDERS; HAND RAILS; ROBE HOOKS; AND TOOTHBRUSH HOLDERS.
Claims use since August 1925.

Ser. No. 533,287. THE FAIRBANKS COMPANY, New York, N. Y. Filed Sept. 4, 1947.



Applicant claims ownership of registrations Nos. 16,899, 49,354, and 77,458.
FOR STEAM VALVES AND WATER VALVES.
Claims use since Oct. 1, 1896.

Ser. No. 533,288. THE FAIRBANKS COMPANY, New York, N. Y. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

FAIRBANKS

Applicant claims ownership of registration No. 96,262.
FOR GLOBE AND ANGLE VALVES.
Claims use since Jan. 1, 1895.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 535,490. COPPER RANGE COMPANY, doing business under the name and style of C. G. Hussey & Company, Painesdale, Mich., and Pittsburgh, Pa. Filed Sept. 24, 1947. Under section 2f of the act of 1946.

HUSSEY

Applicant claims ownership of registration No. 348,701.
FOR COPPER SHEET, COPPER IN ROLLS, COPPER WIRE, COPPER ANODES, BRASS SHEET, BRASS WIRE, ENGRAVERS' COPPER PLATES, COPPER AND BRASS RODS AND BARS.
Claims use on copper sheet, copper in rolls, copper wire, copper anodes, brass sheet, brass wire and engravers' copper plates since 1924; and on copper and brass rods and bars since 1932.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 517,669. RINSHED-MASON COMPANY, Detroit, Mich. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

MILFORD

FOR READY MIXED OIL PAINTS, PAINT ENAMELS, VARNISHES, LACQUERS, PRIMER PAINT, AND SURFACER PAINT.
Claims use since July 1, 1925.

Ser. No. 531,633. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Aug. 16, 1947. Under section 2f of the act of 1946.

Luster-bryte

Applicant claims ownership of registration No. 308,823.
FOR WAX FINISH FOR FLOORS, WOOD, RUBBER, ASPHALT, LINOLEUM, COMPOSITION, MASTIC, ETC.
Claims use since Sept. 2, 1931.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 533,949. TAMPA CIGAR COMPANY, INC., Tampa, Fla. Filed Sept. 9, 1947. Under section 2f of the act of 1946.



The portrait is fanciful.
FOR CIGARS.
Claims use since Oct. 1, 1923.

Ser. No. 541,693. PHILIP MORRIS & CO. LTD. INCORPORATED, New York, N. Y. Filed Nov. 19, 1947. Under section 2f of the act of 1946.

Wakefield

FOR SMOKING TOBACCO.
Claims use since June 20, 1929.

CLASS 19

VEHICLES

Ser. No. 542,166. PLAYBOY MOTOR CAR CORPORATION, Buffalo, N. Y. Filed Nov. 24, 1947.

PLAYBOY

FOR MOTOR CARS.
Claims use since Feb. 18, 1947.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 514,510. THE SWARTZBAUGH MANUFACTURING COMPANY, Toledo, Ohio. Filed Sept. 22, 1947. Under section 2f of the act of 1946.

SERVHOT

Applicant claims ownership of registration No. 359,224.
FOR ELECTRIC FOOD ROASTERS AND COOKERS, ELECTRIC WATER HEATERS AND ELECTRICALLY HEATED FOOD SERVICE CONVEYORS.
Claims use since January 1940.

Ser. No. 518,221. HARNISCHFEGER CORPORATION, Milwaukee, Wis. Filed Jan. 29, 1948.

P&H

FOR ELECTRIC GENERATORS; ELECTRIC WELDING GENERATORS; ELECTRIC WELDING TRANSFORMERS; ENGINE DRIVEN ELECTRIC WELDERS; ELECTRIC WELDER OUTPUT CONTROLS; ELECTRIC WELDER ELECTRODE HOLDERS; ELECTRIC ARC TORCHES; ELECTRIC PERFORMANCE INDICATING RELAYS FOR ELECTRIC WELDERS; ELECTRICAL REGULATING AND ADJUSTING APPLIANCES FOR ELECTRIC WELDING GENERATORS AND TRANSFORMERS; AND ELECTRICALLY CONTROLLED SPEED GOVERNORS FOR INTERNAL COMBUSTION ENGINES.
Claims use since Dec. 24, 1917.

Ser. No. 529,205. J. H. SCHARFF, INC., Orange, N. J. Filed July 22, 1947.

ATMO

Applicant claims ownership of registration No. 337,705.
FOR TEMPERATURE CONTROLLED ELECTRICALLY ACTUATED FIRE DETECTING AND FIRE ALARM APPARATUS.
Claims use since Dec. 14, 1920.

Ser. No. 536,411. THE MERRIAM COMPANY, INC., Columbus, Ohio, Baltimore, Md., and Washington, D. C., assignor to The Colson-Merriam Co., Baltimore, Md. Filed Oct. 1, 1947.

THE ADVANCE LINE

No claim is made to the word "Line" apart from the mark as shown.

FOR ELECTRICALLY HEATED FOOD TRAY WHEELED CONVEYORS OR TRUCKS, AND ELECTRICALLY HEATED FOOD WHEELED CONVEYORS OR TRUCKS.

Claims use since June 14, 1944.

Ser. No. 544,855. CORNELL-DUBILIER ELECTRIC CORPORATION, South Plainfield, N. J. Filed Dec. 19, 1947.

VIKANE

FOR ELECTRICAL CAPACITORS.

Claims use since Nov. 14, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 500,221. ALDRICH L. JACKSON, doing business as Federal Engineering Company, Minneapolis, Minn., assignor to The Federal Engineering Co., Inc., Minneapolis, Minn., a corporation of Minnesota. Filed Apr. 14, 1948.

STEAKMAKER

Applicant claims ownership of registration No. 310,585.

FOR MEAT TENDERIZING MACHINES.

Claims use since Jan. 3, 1941.

Ser. No. 504,360. GEORG JENSEN INC., New York, N. Y. Filed Dec. 24, 1947.



The trade-mark consists of the combination of the representation of a fanciful crown surmounting the letters or initials "GJ," in duplicate, so arranged that both letters "G" are outermost in the lower part of the combination, one pair of said initials "GJ" reading in reverse order, as shown in the drawing. Applicant claims ownership of registrations Nos. 384,539 and 384,540.

FOR BASE METAL KNIVES, FORKS, SPOONS, CORKSCREWS, AND BOTTLE OPENERS.

Claims use since October 1936.

Ser. No. 527,141. THE PACIFIC FLUSH-TANK COMPANY, Chicago, Ill. Filed July 5, 1947.



FOR SEWAGE TREATMENT EQUIPMENT—NAMELY, ROTARY DISTRIBUTORS HAVING REVOLVING SPRAY DISTRIBUTION ARMS FOR DEPOSITING SEWAGE ON A FILTER BED, SEWAGE SLUDGE DIGESTERS IN THE FORM OF TANKS HAVING COVERS AND ADAPTED TO RECEIVE AND STORE SEWAGE SLUDGE WHILE IT UNDERGOES BACTERIAL DECOMPOSITION KNOWN AS DIGESTION, AND GAS SAFETY DEVICES—NAMELY, FLAME TRAPS, DRIP TRAPS, ACCUMULATORS FOR CONDENSATE AND SEDIMENT, PRESSURE RELIEF VALVE STRUCTURES AND PILOT LINE FLAME CELLS.

Claims use since Apr. 1, 1932.

Ser. No. 527,226. NATIONAL DIE CASTING COMPANY, Chicago, Ill. Filed July 5, 1947.

Juice King

No claim is made to the word "Juice" apart from the mark as shown in the drawing. Applicant claims ownership of registrations Nos. 368,212 and 399,342.

FOR FRUIT JUICE EXTRACTORS FOR EXTRACTING JUICES FROM FRUITS, SUCH AS ORANGES, LEMONS, GRAPEFRUIT, AND THE LIKE.

Claims use since July 5, 1935.

Ser. No. 527,591. THE CREAMERY PACKAGE MFG. COMPANY, Chicago, Ill. Filed July 5, 1947.



Applicant claims ownership of registrations Nos. 181,016, 181,017, and 181,018.

FOR DAIRY PRODUCTS PROCESSING EQUIPMENT COMPRISING HOMOGENIZERS, MILK CONCENTRATORS, ICE CREAM BRICK CUTTERS, ICE CREAM PACKAGE FILLERS, AND ICE CREAM FRUIT FEEDERS.

Claims use since 1912 on homogenizers; since 1916 on milk concentrators; since 1921 on ice cream brick cutters; since 1935 on ice cream package fillers; and since 1936 on ice cream fruit feeders.

Ser. No. 528,115. STAHLY, INC., South Bend, Ind. Filed July 8, 1947.

STAHLY

Applicant claims ownership of registration No. 408,218.

FOR MECHANICAL RAZORS AND RAZOR BLADES.

Claims use since May 8, 1942.

Ser. No. 528,360. MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY, Minneapolis, Minn. Filed July 11, 1947.

UNI TILLER

No claim is made to the word "Tiller" apart from the mark. The lining in the drawing indicates the color yellow, but coloring is not claimed as an essential characteristic of the mark. Applicant claims ownership of registration No. 171,596.

FOR ADJUSTABLE WHEELED ATTACHMENTS FOR CARRYING AGRICULTURAL TOOLS AND CONNECTING THEM TO TRACTORS OR OTHER SOURCES OF DRAFT POWER.

Claims use since Dec. 1, 1922.

Ser. No. 529,638. ROBERT M. GREEN & SONS, INC., Philadelphia, Pa. Filed July 26, 1947.



FOR SODA FOUNTAINS.

Claims use since Jan. 1, 1890.

Ser. No. 530,033. THE SIRENO COMPANY, INC., New York, N. Y. Filed July 30, 1947.

SIRENO

Applicant claims ownership of registration No. 70,228.

FOR MECHANICAL SIRENS.

Claims use since August 1907.

Ser. No. 531,759. ATLAS SUPPLY COMPANY, Newark, N. J. Filed Aug. 19, 1947.

ATSCO

FOR FUEL PUMPS USED ON INTERNAL COMBUSTION ENGINES, PRINCIPALLY AUTOMOBILE ENGINES; AND BRAKE LINING EQUIPMENT IN THE NATURE OF A MACHINE WHICH DRILLS AND COUNTERSINKS BRAKE LININGS AND BRAKE DRUMS AND RIVETS THE BRAKE LININGS TO THE BRAKE DRUMS OR BRAKE BANDS, WHICH MACHINE MAY BE EITHER FOOT OPERATED OR OPERATED BY COMPRESSED AIR.

Claims use since Aug. 5, 1947, on fuel pumps; and on brake lining equipment since July 16, 1947.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 518,867. ANGELUS SALES AND SERVICE, San Francisco, Calif. Filed Nov. 24, 1947.

FOR SERVICE

Wife Savers

The words "For Service" are disclaimed apart from the mark.

FOR ELECTRICAL APPLIANCES—NAMELY, WASHING MACHINES AND AUTOMATIC ELECTRIC IRONERS.

Claims use since Aug. 6, 1946.

CLASS 25

LOCKS AND SAFES

Ser. No. 537,134. E. J. BROOKS COMPANY, Newark, N. J. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

SECURITY CAP

FOR BASE METAL SEALS FOR BAGS OF FLEXIBLE MATERIAL.

Claims use since June 13, 1938.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 502,358. VISI-TROL CORPORATION, Detroit, Mich. Filed Sept. 17, 1947.

VISI-TROL

FOR RENEWABLE WALL CHARTS AND GRAPHS COMPRISING A PLURALITY OF PARALLEL CHANNEL STRIPS CARRIED BY A PLANE BACKING AND ADAPTED TO HOLD REPLACEABLE INDICATOR TABS WHICH ARE SLIDABLE ALONG THE CHANNEL STRIPS FOR MAINTAINING PRODUCTION AND CONTROL RECORDS.
Claims use since Jan. 14, 1946.

Ser. No. 517,082. NEWPORT OPTICAL MANUFACTURING CO., INC., Brooklyn, N. Y. Filed Nov. 14, 1947.

CAVALIER

FOR SPECTACLE FRAMES.
Claims use since June 1, 1940.

Ser. No. 517,501. MARINE OPTICAL MFG. CO., Roslindale, Boston, Mass. Filed Oct. 18, 1947.

ADONIS

FOR OPTICAL FRAMES.
Claims use since Jan. 23, 1947.

Ser. No. 519,961. HENRY T. KUCERA, doing business as Automatic Devices Co., Chicago, Ill. Filed Oct. 18, 1947.

W C

FOR THERMOSTATIC TEMPERATURE CONTROLS FOR HEAT TRANSFER SYSTEMS.
Claims use since April 1946.

Ser. No. 531,682. RAYMOND A. KENNEDY, Sioux City, Iowa. Filed Aug. 18, 1947.

AERODINAMIC

The representation of the wheels and the propellor are disclaimed apart from the mark as shown.
FOR MACHINES USED FOR DETERMINING AND CORRECTING THE STATIC OR DYNAMIC BALANCE, OR BOTH, OF AUTOMOBILE WHEELS AND OTHER MACHINE ELEMENTS TO BE OPERATED AT HIGH ROTATIVE SPEEDS.
Claims use since Dec. 1, 1945.

Ser. No. 531,757. ATLAS SUPPLY COMPANY, Newark, N. J. Filed Aug. 19, 1947.

ATLAS

Applicant claims ownership of registration No. 332,120.
FOR MOTOR ANALYZERS CONSISTING OF MULTIPLE TEST CIRCUITS FOR TESTING THE IGNITION, CARBURETION, AND TIMING OF INTERNAL COMBUSTION ENGINES.
Claims use since Feb. 8, 1946.

Ser. No. 532,073. THE WALMAN OPTICAL COMPANY, doing business as The Walman Optical Co., Minneapolis, Minn. Filed Aug. 21, 1947.

WALCO

FOR OPTICAL FRAMES AND MOUNTINGS, OPTICAL LENSES, AND BLANKS FOR OPTICAL LENSES.
Claims use since May 15, 1915.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 544,993. GENERAL CHAIN COMPANY, INC., North Attleboro, Mass. Filed Dec. 20, 1947.

Applicant claims ownership of registration No. 196,421.
FOR JEWELRY FOR PERSONAL WEAR OR ADORNMENT—NAMELY, BRACELETS, PENDANTS, BROOCHES, AND EARRINGS, MADE OF OR PLATED WITH PRECIOUS METALS.
Claims use on pendants since August 1939; on brooches since December 1939; and on earrings since March 1941.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 528,732. MCCRAY REFRIGERATOR COMPANY, Kendallville, Ind. Filed July 16, 1947. Under section 2f of the act of 1946.

McCray

Applicant claims ownership of registrations Nos. 52,105 and 352,723.
FOR MECHANICALLY OPERATED DOMESTIC AND COMMERCIAL REFRIGERATORS COMPRISING WALK-IN COOLERS, REACH-IN CABINETS AND CLOSED AND OPEN TYPE DISPLAY CASES, AND MECHANICALLY OPERATED LIQUID COOLERS.
Claims use since January 1890.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 520,841. THE VINCENT-MCCALL COMPANY, Kenosha, Wis. Filed Oct. 30, 1947.

THE PENTHOUSE
a Homeworthy Product

No claim is made to the exclusive use of the word "Product."
FOR MATTRESSES.
Claims use since May 3, 1946.

Ser. No. 531,956. STAR MANUFACTURING COMPANY OF TEXAS, Amarillo, Tex. Filed Aug. 20, 1947.

Starbilt

FOR STEEL BINS IN THE FORM OF RACKS OR SHELVING AND BIN ENDS FOR STORAGE AND DISPLAY PURPOSES.
Claims use since June 1, 1947.

Ser. No. 538,315. RE-LY-ON PRODUCTS COMPANY, Pittsburgh, Pa. Filed Oct. 18, 1947.

RE-LY-ON

FOR BED SPRINGS AND MATTRESSES.
Claims use since February 1917.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 518,722. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947.

ONICA

FOR GAS BURNERS AND PARTS THEREOF FOR GAS STOVES AND GAS RANGES.
Claims use since July 1937.

Ser. No. 518,724. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

WYMAN

FOR GAS ORIFICES USED TO LIMIT THE FLOW OF GAS TO PILOT BURNERS, AND GAS VALVE HOODS.
Claims use since January 1940.

Ser. No. 518,950. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947.

ALLTROL

FOR GAS BURNERS AND PARTS THEREOF FOR GAS STOVES AND GAS RANGES.
Claims use since January 1941.

Ser. No. 518,951. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

HARPER

FOR GAS BURNERS AND PARTS THEREOF FOR GAS STOVES AND GAS RANGES.
Claims use since May 1934.

Ser. No. 532,178. UNIVERSAL COFFEE COMPANY, Chicago, Ill. Filed Aug. 22, 1947.

KOFYMATIC

Applicant claims ownership of registration No. 324,987.
FOR COFFEE BREWING URNS AND STOVES SPECIALLY ADAPTED FOR THE HEATING OR BREWING OF COFFEE.
Claims use since June 1, 1934.

Ser. No. 534,110. GRAY & DUDLEY COMPANY, Nashville, Tenn. Filed Sept. 11, 1947.

Volco

Applicant claims ownership of registration No. 342,118.
FOR COOKING AND HEATING STOVES AND FURNACES.
Claims use since June 29, 1936.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 537,242. J. E. RHOADS & SONS, Philadelphia, Pa. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

POWERHOLD

Applicant claims ownership of registrations Nos. 243,263 and 252,430.
FOR FLAT LEATHER BELTING.
Claims use since Mar. 31, 1927.

Ser. No. 543,989. RICHMOND RUBBER CO., INC., Richmond, Va. Filed Dec. 10, 1947. Under section 2f of the act of 1946.

RICHMOND

Applicant claims ownership of registration No. 406,507.
FOR PNEUMATIC TIRES AND INNER TUBES.
Claims use since 1937.

Ser. No. 546,063. THE SHALER COMPANY, Waupun, Wis. Filed Jan. 2, 1948.

5 MINUTE

FOR PORTABLE RUBBER-TIRE VULANIZERS.
Claims use since Jan. 2, 1917.

CLASS 37

PAPER AND STATIONERY

Ser. No. 499,456. OSBORN PAPER COMPANY, Marion, Ind. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

PADCRAFT

Applicant claims ownership of registration No. 250,504.
FOR SCRATCH PADS, MEMO PADS, LEGAL AND OFFICE PADS, ALL PURPOSE PADS, LOOSE LEAF FILLERS, MANIFOLD ORDER BOOKS, REAM PAPERS, AND STENOGRAPHERS' NOTE BOOKS.
Claims use since Aug. 6, 1940.

Ser. No. 530,001. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947. Under section 2f of the act of 1946.

HOWARD

Applicant claims ownership of registration No. 336,980.
FOR BOND PAPER, LAID BOND PAPER, LEDGER PAPER, MIMEOGRAPH PAPER, POSTING LEDGER PAPER, WRITING PAPER, ENVELOPE PAPER, AND PAPER ENVELOPES.
Claims use on bond paper since 1911; on laid bond paper since 1928; on ledger paper since 1915; on mimeograph paper since 1928; on posting ledger paper since 1932; on writing paper since 1928; on envelope paper since 1936; and on envelopes since June 1936.

Ser. No. 530,958. THE REYNOLDS MANUFACTURING COMPANY, Holyoke, Mass. Filed Aug. 9, 1947.

RENCO QUALITY

The word "Quality" is disclaimed apart from the mark shown.
FOR WRITING, BOND, LEDGER, MANIFOLD, AND MIMEOGRAPH PAPERS, AND SCHOOL AND BUSINESS TABLETS.
Claims use since 1924.

Ser. No. 533,292. FULTON SPECIALTY CO., Elizabeth, N. J. Filed Sept. 4, 1947.

FOR DATER STAMPS.
Claims use since September 1896.

Ser. No. 533,306. NORMAN HARROWER, doing business as Linton Brothers & Company, Fitchburg, Mass. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

WHITAG

Applicant claims ownership of registration No. 355,682.
FOR CARDBOARD FOR THE MANUFACTURE OF SHIPPING TAGS AND FOLDERS.
Claims use since Feb. 1, 1937.

Ser. No. 533,308. NORMAN HARROWER, doing business as Linton Brothers & Company, Fitchburg, Mass. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

Linton's

Applicant claims ownership of registrations Nos. 292,807, 328,055, and 328,056.
FOR BRISTOL BOARD, CARDBOARD, TAG BOARD, COVER STOCK, AND PAPER USED AS COMPANION SHEETS TO BRISTOL BOARD.
Claims use since July 14, 1931.

Ser. No. 533,558. EVERSHARP, INC., Chicago, Ill. Filed Sept. 5, 1947.

EVERSHARP

Applicant claims ownership of registrations Nos. 147,712, 297,913, 300,965, 318,249, and 159,571.
FOR FOUNTAIN PENS AND MECHANICAL PENCILS.
Claims use since December 1913.

Ser. No. 536,011. SWIGART PAPER COMPANY, Chicago, Ill. Filed Sept. 27, 1947.

Miracle

FOR SHEET PAPER—NAMELY, BOND PAPERS, MIMEOGRAPH PAPERS, AND LEDGER PAPERS.
Claims use since 1934.

Ser. No. 536,633. PAPER CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 3, 1947.

MICROSIZED

FOR PAPER STOCK.
Claims use since Aug. 12, 1947.

Ser. No. 536,634. PAPER CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 3, 1947.

LPF

FOR PAPER STOCK.
Claims use since Aug. 19, 1947.

Ser. No. 537,434. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

RAPID WRITER

Applicant claims ownership of registration No. 178,578.
FOR LEAD PENCILS.
Claims use since Mar. 13, 1922.

Ser. No. 537,435. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

BEGINNERS

Applicant claims ownership of registration No. 268,443.
FOR LEAD PENCILS.
Claims use since 1907.

Ser. No. 537,437. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed Oct. 10, 1947. Under section 2f of the act of 1946.

SEQUOIA

Applicant claims ownership of registration No. 151,384.
FOR LEAD PENCILS.
Claims use since 1906.

Ser. No. 546,150. THE GRAY ENVELOPE MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Aug. 16, 1947.

PURATEX

Applicant claims ownership of registration No. 272,730.
FOR WRITING PAPER AND ENVELOPES.
Claims use since January 1923.

Ser. No. 546,873. WILLIAM PRYM, INC., Killingly and Dayville, Conn. Filed Jan. 13, 1948. Under section 2f of the act of 1946.

Prym

FOR PAPER CLIPS, THUMB TACKS, FROZEN WIRE STAPLES, T-PINS, AND WEDGE PINS.
Claims use since Dec. 1, 1905.

CLASS 39

CLOTHING

Ser. No. 481,578. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Aug. 25, 1947. Under section 2f of the act of 1946.

YOUNG NEW YORKERS

Applicant claims ownership of registration No. 262,992.
FOR HATS AND CAPS FOR MEN AND WOMEN.
Claims use since Apr. 5, 1935.

Ser. No. 508,313. RUBIN-MELTZER COMPANY, New York, N. Y. Filed Oct. 22, 1947.

VALITY

FOR MEN'S, BOYS', AND CHILDREN'S KNITTED ATHLETIC BRIEFS, UNION SUITS, PAJAMAS, ATHLETIC SHIRTS, T SHIRTS AND BASQUE SHIRTS; MEN'S AND BOYS' WOVEN UNDER SHORTS; LADIES', MISSES', AND CHILDREN'S KNITTED PAJAMAS, VESTS, PANTS, UNION SUITS, T-SHIRTS, AND BASQUE SHIRTS; AND CHILDREN'S WOVEN WAIST SUITS.
Claims use since October 1934.

Ser. No. 512,589. HERMANN SPIELMANN & SON, INC., New York, N. Y. Filed June 15, 1948.

SPHINX

FOR NECKTIES.
Claims use since 1921.

Ser. No. 521,104. ALLIED STORES CORPORATION, doing business as The Bon Marche, Dey Brothers & Company, and Quackenbush Company, New York, N. Y., Seattle, Wash., Syracuse, N. Y., and Paterson, N. J. Filed Feb. 28, 1948.

Maxene

Applicant claims ownership of registration No. 185,764.
FOR LADIES' HOSIERY.
Claims use since Jan. 1, 1916.

Ser. No. 523,945. F. BRODY & SONS CO., Des Moines, Iowa. Filed Dec. 19, 1947. Under section 2f of the act of 1946.

Brody's BIG B

Applicant claims ownership of registration No. 156,109.
FOR MEN'S AND BOYS' OVERALLS, WORK SHIRTS, WORK PANTS, AND COVERALLS.
Claims use since 1890.

Ser. No. 525,468. WENDELL, INCORPORATED, Los Angeles, Calif. Filed Feb. 3, 1948.

Lady Azalea

FOR HOSIERY.
Claims use since Apr. 15, 1947.

Ser. No. 526,175. WINDSOR HATS PROPRIETORY LIMITED, Johannesburg, Union of South Africa. Filed May 5, 1948.



Applicant disclaims the words "Hats and Hatters" and the representation of a hat apart from the mark shown. Applicant claims ownership of South African Reg. No. 1724/46 dated June 22, 1946.
FOR HATS OF ALL KINDS.

Ser. No. 527,040. CRYSTAL HOSIERY CO., New York, N. Y. Filed July 5, 1947.

CRYSTAL

FOR HOSIERY.
Claims use since October 1927.

Ser. No. 527,084. YOUNG'S SPEEDY SHOES, INC., Los Angeles, Calif. Filed July 5, 1947. Under section 2f of the act of 1946.

YOUNG'S

Applicant claims ownership of registration No. 184,443.
FOR MEN'S, WOMEN'S AND CHILDREN'S BOOTS, SHOES, AND SLIPPERS OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF.
Claims use since December 1916.

Ser. No. 530,935. MERRY HULL & COMPANY, New York, N. Y. Filed Aug. 9, 1947. Under section 2f of the act of 1946.

merry hull

The words "Merry Hull" comprise the fictitious name of Gladys Whitcomb Geissmann, a member of the applicant firm.
FOR GLOVES OF LEATHER, FABRIC, OR COMBINATIONS OF LEATHER AND FABRIC.
Claims use since July 18, 1938.

Ser. No. 531,365. POWELL & CAMPBELL, INC., New York, N. Y. Filed Aug. 14, 1947.

RADIANT ARCH

Applicant disclaims the term "Arch" separately from the mark.
FOR BOOTS, SHOES, SLIPPERS, SANDALS, AND RUBBERS MADE OF LEATHER, RUBBER, CANVAS AND FABRIC, AND COMBINATIONS THEREOF, FOR MEN, WOMEN, CHILDREN, INFANTS, AND BABIES.
Claims use since Oct. 17, 1918.

Ser. No. 531,368. POWELL & CAMPBELL, INC., New York, N. Y. Filed Aug. 14, 1947.

LUCKY BOY

FOR SHOES AND RUBBERS FOR BOYS MADE OF LEATHER, RUBBER, CANVAS, AND FABRIC AND COMBINATIONS THEREOF.
Claims use since Mar. 1, 1911.

Ser. No. 531,910. S. L. GILBERT COMPANY, INC., New York, N. Y. Filed Aug. 20, 1947. Under section 2f of the act of 1946.

Kinloch

Applicant claims ownership of registrations Nos. 177,937 and 424,275.
FOR KNITTED BATHING SUITS, SWEATERS, JACKETS, AND MEN'S AND WOMEN'S SCARFS.
Claims use since June 1, 1923.

Ser. No. 532,426. THE BLACK MANUFACTURING CO., Seattle, Wash. Filed Aug. 26, 1947. Under section 2f of the act of 1946.

Black Bros

The word "Bros." is disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 293,088, 293,216, and 186,322.
FOR MEN'S AND BOYS' CLOTHING—NAMELY, UNIONSUITS, DRAWERS, UNDER SHIRTS, AND SHORTS, HOSIERY, BELTS, SUSPENDERS, SWEATERS, T SHIRTS, POLO SHIRTS, PAJAMAS, HANDKERCHIEFS, SWIM TRUNKS, BEACH JACKETS, AND RAIN CLOTHING, PARTICULARLY, JACKETS, COATS, APRONS, SLEEVES, BARVELS, AND HATS.
Claims use since Jan. 1, 1931.

Ser. No. 533,110. PERFECT BELT MANUFACTURING COMPANY, Atlanta, Ga. Filed Aug. 1, 1947.

Briarcliff

FOR APPAREL BELTS, SUSPENDERS AND GARTERS.
Claims use since Jan. 15, 1946.

Ser. No. 533,475. J. GREENBAUM TANNING CO., Chicago, Ill. Filed Aug. 1, 1947.

BARKROM

Applicant claims ownership of registration No. 228,211.
FOR SOLE LEATHER PRODUCTS—NAMELY, CUT SOLES, HEELS, AND TAPS.
Claims use since May 15, 1925.

Ser. No. 534,291. KURTZMAN BROS., Los Angeles, Calif. Filed Sept. 12, 1947. Under section 2f of the act of 1946.

hollywood park

Applicant claims ownership of registration No. 382,180.
FOR MEN'S AND BOYS' SUITS, OVERCOATS, SLACKS, AND SPORT COATS.
Claims use since Aug. 15, 1939.

Ser. No. 534,646. MEIER & FRANK CO., INC., doing business as Meier & Frank Co., Portland, Oreg. Filed Sept. 16, 1947. Under section 2f of the act of 1946.

Ledbury

Applicant claims ownership of registration No. 330,175.
FOR MEN'S CLOTHING—NAMELY, OVERCOATS, SUITS, RAINCOATS, SWEATERS; SHIRTS, PARTICULARLY DRESS SHIRTS; HATS; SHOES MADE OF LEATHER AND FABRIC AND COMBINATIONS OF THESE MATERIALS.
Claims use since Sept. 1, 1934.

Ser. No. 538,999. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947. Under section 2f of the act of 1946.

PLATINUM AMERICA

No claim being made to the exclusive use of the word "America" apart from the mark as shown. Applicant claims ownership of registration No. 191,011.
FOR FABRIC AND LEATHER GLOVES.
Claims use since April 1923.

Ser. No. 539,000. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947. Under section 2f of the act of 1946.

PLATINUM DOE

No claim is made to the exclusive use of the word "Doe" apart from the mark. Applicant claims ownership of registrations Nos. 191,011 and 388,027.
FOR LADIES' LEATHER AND FABRIC GLOVES.
Claims use since Nov. 23, 1940.

Ser. No. 539,002. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947. Under section 2f of the act of 1946.

PLATINUM GLACE

No claim is made to the exclusive use of the word "Glace" apart from the mark. Applicant claims ownership of registrations Nos. 191,011 and 388,028.
FOR LADIES' LEATHER AND FABRIC GLOVES.
Claims use since Nov. 23, 1940.

Ser. No. 540,460. I. SCHNEIERSON & SONS, INC., New York, N. Y. Filed Nov. 7, 1947.

Percaloom

FOR PRINCESS SLIPS, NIGHTGOWNS, LADIES' UNIFORMS FOR WORK PURPOSES, PAJAMAS, CHEMISES, AND CHILDREN'S PRINCESS SLIPS, NIGHTGOWNS, PAJAMAS AND CHEMISES, OF A PERCALE FABRIC.
Claims use since Oct. 8, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 525,300. CONSOLIDATED TEXTILE CO., INC., New York, N. Y. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

Washanredy

Applicant claims ownership of registration No. 136,262.
FOR PLAIN WHITE, DYED, OR PRINTED COTTON PIECE GOODS.
Claims use since Sept. 19, 1932.

Ser. No. 538,824. STUNZI SONS SILK COMPANY, INC., New York, N. Y. Filed Oct. 23, 1947. Under section 2f of the act of 1946.

STÜNZI

Applicant claims ownership of registrations Nos. 235,407 and 310,819.
FOR FABRICS IN THE PIECE MADE OF SILK, RAYON, AND MIXTURES THEREOF.
Claims use since Oct. 5, 1912.

Ser. No. 540,334. STONECUTTER MILLS CORPORATION, New York, N. Y. Filed Nov. 6, 1947.

RELAXATION

FOR PIECE GOODS MADE OF RAYON FABRIC.
Claims use since Aug. 21, 1947.

Ser. No. 543,112. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

PLAYROY

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Dec. 27, 1946.

Ser. No. 543,114. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

PLAYMATE

Applicant claims ownership of registration No. 358,462.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Feb. 9, 1938.

Ser. No. 543,117. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

COOLIGAN

Applicant claims ownership of registration No. 365,343.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since July 12, 1938.

Ser. No. 543,230. SOUTHERN WASTE MATERIAL COMPANY, INC., Dallas, Tex. Filed Dec. 3, 1947.



The words "Southern Waste Material Co., Inc." are disclaimed apart from the mark.
FOR WIPING, CLEANING, AND POLISHING RAGS.
Claims use since June 1, 1946.

Ser. No. 550,796. A. D. ELLIS MILLS INCORPORATED, Monson, Mass. Filed Feb. 28, 1948.

Emberlite

Applicant claims ownership of registration No. 291,774.
FOR WOOLEN PIECE GOODS.
Claims use since Jan. 30, 1948.

Ser. No. 550,831. RIEGEL TEXTILE CORPORATION, New York, N. Y. Filed Feb. 28, 1948.

PATSY

FOR PILLOW CASES.
Claims use since July 13, 1939.

Ser. No. 551,674. ALICE F. WOLFF, Brooklyn, N. Y. Filed Mar. 10, 1948.

"EIGHTY GRAND"

FOR COTTON GOODS IN THE PIECE.
Claims use since Feb. 20, 1948.

Ser. No. 551,684. SIR JACOB BEHRENS & SONS, Bradford, England. Filed Mar. 11, 1948.

APACHE

FOR CLOTHS AND STUFFS OF WOOL, WORSTED, OR HAIR.
Claims use since July 6, 1945.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 517,886. CALIFORNIA VEGETABLE GROWERS, Guadalupe, Calif. Filed Sept. 26, 1947.

PALO VERDE

No claim is made to the word "Verde" apart from the mark as shown.
FOR FRESH VEGETABLES.
Claims use since Jan. 7, 1947.

Ser. No. 531,692. THOMAS J. LIPTON, INC., Hoboken, N. J. Filed Aug. 18, 1947. Under section 2f of the act of 1946.

LIPTON

Applicant claims ownership of registrations Nos. 396,143, 396,144, 396,145, and 396,146.
FOR TEA AND PACKAGED SOUP.
Claims use since 1893.

Ser. No. 533,291. FRUIT GROWERS CO-OPERATIVE, Sturgeon Bay, Wis. Filed Sept. 4, 1947.

OTUMBA

FOR CANNED RED PITTED CHERRIES.
Claims use since December 1945.

Ser. No. 533,354. OMAHA COLD STORAGE COMPANY, doing business as Bellevue Creamery & Produce Co., Omaha, Nebr. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

Logan

Applicant claims ownership of registration No. 365,742.
FOR DRESSED POULTRY.
Claims use since Sept. 15, 1937.

Ser. No. 533,549. JOHN H. DULANY & SON, INC., Fruitland, Md. Filed Sept. 5, 1947.

DU SON

FOR CANNED VEGETABLES.
Claims use since 1937.

Ser. No. 533,551. JOHN H. DULANY & SON, INC., Fruitland, Md. Filed Sept. 5, 1947.

J-H-D

FOR CANNED VEGETABLES.
Claims use since 1935.

Ser. No. 534,017. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y. Filed Sept. 10, 1947.

RAJAH

Applicant claims ownership of registration No. 251,357.
FOR MUSTARD AND SANDWICH SPREAD.
Claims use since April 1923 on mustard; and since June 20, 1924, on sandwich spread.

Ser. No. 535,426. E. C. PALMER, WILLIAM B. PALMER, AND WINOGENE E. PALMER, TRUSTEES FOR THE W. B. PALMER ESTATE, doing business as Palmer Candy Company, Sioux City, Iowa. Filed Sept. 23, 1947.

JUST SO!

FOR CANDY.
Claims use since July 15, 1945.

Ser. No. 540,438. NARANJO PACKING HOUSE COMPANY, Woodlake, Calif. Filed Nov. 7, 1947.

NARASWEET

FOR FRESH CITRUS FRUITS.
Claims use since 1920.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 531,305. BROOKS BROTHERS, New York, N. Y. Filed Aug. 14, 1947.

The "346" Shop

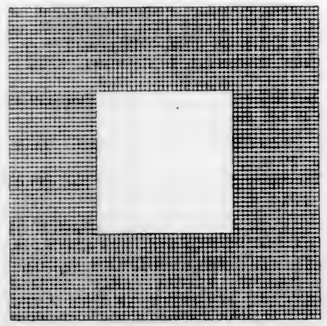


Applicant disclaims the word "Shop" separately from the mark shown.
FOR BOTTLE CLOSURES MADE OF BASE METALS AND CORK BOTTLE STOPPERS; CHINA, EARTHENWARE, AND GLASS FIGURINES; CHINA PLAQUES, CHINA MANNEQUINS AND STATUETTES, NONE OF THE FOREGOING LISTED ITEMS BEING DECORATED WITH PRECIOUS METALS; AND COCKTAIL AND TABLE MATS MADE OF CORK, MOLDED RIGID PLASTIC AND LEATHER.
Claims use since July 18, 1947.

CLASS 55

SERVICES

Ser. No. 527,266. BENEFICIAL INDUSTRIAL LOAN CORPORATION, Wilmington, Del. Filed July 5, 1947. Service Mark.



The drawing is lined for the color black.
FOR SERVICES RENDERED IN THE SMALL LOAN INSTALMENT LOAN, AND INSTALMENT CREDIT BUSINESS.
Claims use since June 20, 1947.

Ser. No. 529,842. ARVEY CORPORATION, Chicago, Ill. Filed July 24, 1947. Service Mark.

LAMCOTE

Applicant claims ownership of registration No. 353,482.
FOR LAMINATING OR AFFIXING TO A PAPER OR TEXTILE BASE A PLASTIC FILM.
Claims use since Nov. 12, 1936.

Ser. No. 529,879. COLONIAL AIRLINES, INC., New York, N. Y. Filed July 29, 1947. Service Mark.



FOR AIR TRANSPORTATION OF PERSONS, PROPERTY AND MAIL.
Claims use since 1938 on the design feature; and since 1942 on the entire mark.

Ser. No. 535,742. PECK & MORE, INC., Chicago, Ill. Filed Sept. 25, 1947. Service Mark.



FOR FUR GARMENT CLEANING AND GLAZING SERVICE.
Claims use since Apr. 1, 1939.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

440,754. SYNTHETIC RESINS IN SOLUTION FORM USED FOR A WIDE VARIETY OF USES IN THE PREPARATION OF OTHER PRODUCTS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed February 21, 1944. Serial No. 467,614. PUBLISHED JUNE 22, 1948. Class 1.

440,755. SYNTHETIC RESINS IN SOLID FORM USED FOR A WIDE VARIETY OF USES IN THE PREPARATION OF OTHER PRODUCTS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed June 17, 1944. Serial No. 471,355. PUBLISHED JUNE 22, 1948. Class 1.

440,756. FABRICS IN THE PIECE CONSISTING OF SILK, COTTON, WOOL, NYLON, RAYON, GLASS OR PROTEIN FIBRES OR MIXTURES THEREOF. WULLSCHLEGER & CO., New York, N. Y.
Filed June 27, 1944. Serial No. 471,728. PUBLISHED JUNE 22, 1948. Class 42.

440,757. READILY ERECTABLE BUILDINGS, PORTABLE BUILDINGS, KNOCK-DOWN BUILDINGS, PREFABRICATED BUILDINGS, SILLS, BRIDGING, JOISTS, PURLINS, DOORS, DOOR FRAMES, WINDOWS, WINDOW FRAMES, FLASHING, FURRING, STUDS, GIRDERS, GIRDER POSTS, GUTTERS, ETC. GREAT LAKES STEEL CORPORATION, Wilmington, Del., and Ecorse, Mich.
Filed November 4, 1944. Serial No. 476,099. PUBLISHED JUNE 22, 1948. Class 12.

440,758. CANVAS AND METAL BACK RESTS SOLD OR RENTED FOR THERAPEUTIC USES ONLY TO SUPPORT THE PATIENT IN A SITTING-UP POSITION IN CASES OF CARDIAC FAILURE OR PULMONARY INFECTION AND FOR THE PURPOSE OF FACILITATING THE FEEDING OF BEDRIDDEN PATIENTS, ETC. ABBEY RENTS, Los Angeles, Calif.
Filed April 30, 1945. Serial No. 482,774. PUBLISHED JULY 6, 1948. Class 44.

440,759. SCREW MACHINE PRODUCTS—NAMELY, BEARINGS, BOLTS, BUSHINGS, PINS AND LEVELING SCREWS FOR MEASURING AND SCIENTIFIC INSTRUMENTS; METERING PINS; THERMOSTAT STEM PLATES; PARTS FOR BOMB SIGHTS, ETC. U. S. AUTOMATIC CORPORATION, Amherst, Ohio.
Filed July 19, 1945. Serial No. 486,015. PUBLISHED JULY 6, 1948. Class 26.

440,760. INSECTICIDE, MOTH SPRAY, AND MOTH AND LARVAE INHIBITOR. ENOZ CHEMICAL COMPANY, Chicago, Ill., assignor to The Diversey Corporation, Chicago, Ill., a corporation of Illinois.
Filed July 21, 1945. Serial No. 486,090. PUBLISHED DECEMBER 24, 1946. Class 6.

440,761. SHEETING, SHEETS, AND PILLOW CASES. NAUMKEAG STEAM COTTON COMPANY, Salem, Mass.
Filed October 30, 1945. Serial No. 490,762. PUBLISHED JUNE 22, 1948. Class 42.

440,762. TOWELS AND TOWELING. STARTEX MILLS, Tucapau, S. C.
Filed November 14, 1945. Serial No. 491,593. PUBLISHED JULY 6, 1948. Class 42.

440,763. MEDICINAL OR PHARMACEUTICAL PREPARATION FOR THE PROTECTION OF THE SKIN AND FOR TREATMENT OF SKIN IRRITATIONS AND DISEASES, AND FOR POISON OAK, CUTS, BRUISES, SPRAINS, AND INSECT BITES. WM. J. SCHEPP CO., INC., East Paterson, N. J.
Filed November 20, 1945. Serial No. 491,932. PUBLISHED APRIL 30, 1946. Class 6.

440,764. MEDICINAL PREPARATIONS FOR USE ORALLY AND ALSO FOR PARENTERAL USE BY PHYSICIANS IN THE TREATMENT OF ULCERS. VINCENT CHRISTINA & COMPANY, INC., New York, N. Y.
Filed December 1, 1945. Serial No. 492,487. PUBLISHED JUNE 22, 1948. Class 6.

440,765. PERFUMES AND ROUGES. JEAN DESPREZ, Paris, France.
Filed December 29, 1945. Serial No. 494,040. PUBLISHED JULY 9, 1946. Class 6.

440,766. SHOCK ABSORBER OIL, SHOCK ABSORBER FLUID, COMPOUND FOR REPAIRING RADIATOR LEAKS, FIRE EXTINGUISHER FLUID, HYDRAULIC BRAKE FLUID, AND ANTI-SLUDGING CRANKCASE ADDITIVE, IN THE NATURE OF A CHEMICAL FOR DISSOLVING AND SUSPENDING SLUDGE AND CARBON IN ENGINE LUBRICATING OIL, AND RADIATOR CLEANER AND RUST PREVENTATIVE. PARK CHEMICAL COMPANY, Detroit, Mich.
Filed February 15, 1946. Serial No. 496,654. PUBLISHED DECEMBER 2, 1947. Class 6.

440,767. EARTH MIXTURES, IN POWDER FORM FOR RECLAIMING WASTE SOLVENTS BY ABSORPTION AND ADSORPTION. GREAT LAKES CARBON CORPORATION, Chicago, Ill., and Los Angeles, Calif.
Filed March 11, 1946. Serial No. 498,007. PUBLISHED JUNE 22, 1948. Class 1.

440,768. MEN'S AND BOYS' DRESS, WORK AND SPORT SHIRTS, TEE AND SWEAT SHIRTS, UNDERSHIRTS AND SHORTS, PAJAMAS, HANDKERCHIEFS, GARTERS, NECKTIES, SCARVES, APPAREL BELTS, GLOVES MADE OF LEATHER OR FABRIC OR COMBINATION THEREOF, ETC. MARLBORO SHIRT CO., INC., Baltimore, Md.
Filed March 25, 1946. Serial No. 498,910. PUBLISHED JUNE 1, 1948. Class 39.

440,769. PHONOGRAPHS, MANUALLY OPERATED. UNIVERSAL CAMERA CORPORATION, New York, N. Y.
Filed March 25, 1946. Serial No. 498,957. PUBLISHED MAY 27, 1947. Class 36.

440,770. WELDING ELECTRODES OF THE ROD OR WIRE TYPE. THE MCKAY COMPANY, Pittsburgh, Pa.
Filed April 1, 1946. Serial No. 499,422. PUBLISHED JUNE 29, 1948. Class 14.

440,771. FRESH DECIDUOUS FRUITS, FRESH CITRUS FRUITS, AND FRESH VEGETABLES. BAILEY BROS., Brawley, Calif.
Filed April 15, 1946. Serial No. 500,203. PUBLISHED JUNE 29, 1948. Class 46.

440,772. OXYGEN THERAPY REGULATORS. THE LINDE AIR PRODUCTS COMPANY, New York, N. Y.
Filed April 15, 1946. Serial No. 500,231. PUBLISHED JULY 6, 1948. Class 44.

440,773. COLOGNE, PERFUMES, BATH CRYSTALS, BATH OILS, AND BUBBLE BATH. MAYO REESE, INC., Chicago, Ill.
Filed June 6, 1946. Serial No. 503,390. PUBLISHED JUNE 29, 1948. Class 6.

440,774. PROCESSED MOVING PICTURE FILMS, AND SLIDE FILM STILL PICTURES. IRENA FILM STUDIO, New York, N. Y.
Filed June 13, 1946. Serial No. 503,816. PUBLISHED JULY 6, 1948. Class 26.

440,775. VETERINARY PREPARATIONS—NAMELY, A PREPARATION FOR THE USE AS A VERMICIDE. PURITAN LABORATORIES, INC., Des Moines, Iowa.
Filed June 19, 1946. Serial No. 504,211. PUBLISHED JUNE 29, 1948. Class 6.

440,776. MOUNT FOR TELESCOPIC GUN SIGHTS. EDWARD C. HERKNER, doing business as E. C. Herkner Company, Littleton, Colo.
Filed July 12, 1946. Serial No. 505,496. PUBLISHED JUNE 22, 1948. Class 26.

440,777. COMPOSITION OF PENICILLIN AND ALUMINUM HYDROXIDE GEL WITH CALCIUM CARBONATE FOR USE IN THE ORAL ADMINISTRATION OF PENICILLIN. WILLIAM R. WARNER & CO., INC., New York, N. Y.
Filed July 12, 1946. Serial No. 505,540. PUBLISHED JUNE 29, 1948. Class 6.

440,778. FABRICS AND RIBBONS BOTH SOLD IN THE PIECE, DRAPERIES, BLANKETS, BEDSPREADS, ALL WOVEN OF NATURAL SILK AND ANGORA RABBIT HAIR. GABRIEL PARET, Caen, France.
Filed July 15, 1946. Serial No. 505,641. PUBLISHED June 29, 1948. Class 42.

440,779. AIR HOSE, FIRE HOSE, EXHAUST HOSE, AIR-DRILL HOSE, FOAMITE HOSE, SUCTION HOSE, BRAKE HOSE, WATER HOSE, RUBBER HOSE, CONVEYOR BELTING, TRANSMISSION BELTING, RUBBER BELTING, AND RUBBER PACKING. PIONEER RUBBER MILLS, San Francisco, Calif.
Filed July 24, 1946. Serial No. 506,197. PUBLISHED NOVEMBER 11, 1947. Class 35.

440,780. BRAND OF NATURAL AMINO ACIDS. PROFESSIONAL PHARMACAL COMPANY, INC., San Antonio, Tex.
Filed July 25, 1946. Serial No. 506,264. PUBLISHED JUNE 8, 1948. Class 6.

440,781. COTTON, RAYON AND LINEN PIECE GOODS, HOUSEHOLD LINENS—NAMELY, TABLECLOTHS, NAPKINS, DOILIES, SCARVES, LINEN AND TERRY TOWELS, BATH MATS, DRAPERIES, AND UPHOLSTERY AND SLIP COVER FABRICS PRODUCED FROM NATURAL AND SYNTHETIC TEXTILE FIBERS. MORENO TEXTILES INC., New York, N. Y.
Filed July 30, 1946. Serial No. 506,542. PUBLISHED JULY 6, 1948. Class 42.

440,782. VEHICLE TIRES—NAMELY, BICYCLE TIRES. ARNOLD, SCHWINN & CO., Chicago, Ill.
Filed August 7, 1946. Serial No. 506,977. PUBLISHED JUNE 29, 1948. Class 35.

440,783. ALGIN PRODUCT FOR USE IN THE MANUFACTURE OF WATER PAINTS, ETC. KELCO COMPANY, San Diego, Calif.
Filed August 16, 1946. Serial No. 507,532. PUBLISHED MAY 25, 1948. Class 16.

440,784. IMPERVIOUS SHEETING FOR GENERAL MEDICAL AND HOSPITAL USE. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio.
Filed August 23, 1946. Serial No. 507,902. PUBLISHED JULY 6, 1948. Class 44.

440,785. COAL. OLD MAC COAL CO., Kansas City, Mo.
Filed September 9, 1946. Serial No. 508,741. PUBLISHED JUNE 22, 1948. Class 1.

440,786. MOTION PICTURE SCREENS. OTTO HEHN, Kings Mountain, N. C.
Filed September 12, 1946. Serial No. 508,907. PUBLISHED JULY 6, 1948. Class 26.

440,787. TEXTILE PIECE GOODS MADE FROM A COMBINATION OF WOOL AND COTTON. TRUB & CO., Uster, Zurich, Switzerland.
Filed September 12, 1946. Serial No. 508,940. PUBLISHED JUNE 29, 1948. Class 42.

440,788. LIVE CHINCHILLAS. AMERICAN CHINCHILLA CORP., New York, N. Y.
Filed September 13, 1946. Serial No. 508,952. PUBLISHED JUNE 29, 1948. Class 1.

440,789. INSTRUMENTS FOR DETERMINING THE CONCENTRATION OF FATTY MATERIALS IN LIQUIDS. AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.
Filed September 18, 1946. Serial No. 509,263. PUBLISHED JULY 6, 1948. Class 26.

440,790. INSECT REPELLENT WHICH IS APPLIED FOR PROTECTION FROM AND THE RELIEF OF INSECT BITES. PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla.
Filed September 19, 1946. Serial No. 509,367. PUBLISHED JUNE 29, 1948. Class 6.

440,791. LEGGINGS, OVERGAITERS; FELT, SATIN, AND LEATHER SLIPPERS; FELT, SATIN, AND LEATHER SHOES; AND INSOLES. WILEY-BICKFORD-SWEET CORP., Worcester, Mass.
Filed September 19, 1946. Serial No. 509,383. PUBLISHED JUNE 1, 1948. Class 39.

440,792. PREPARATION FOR THE TREATMENT OF BOWED TENDONS, ETC. OLDHAM'S IODOTHINE CO., Urbana, Ill.
Filed September 20, 1946. Serial No. 509,441. PUBLISHED JUNE 29, 1948. Class 6.

440,793. NYLON FABRICS SOLD BY THE BOLT. MALIBU FABRICS, INC., New York, N. Y.
Filed October 23, 1946. Serial No. 511,345. PUBLISHED OCTOBER 14, 1947. Class 42.

440,794. WASHING AND CLEANING POWDER FOR GENERAL HOUSEHOLD AND LAUNDRY USES. ALCONON LENZNER, doing business as Lenzner Co., Pittsburgh, Pa.
Filed October 28, 1946. Serial No. 511,628. PUBLISHED JULY 6, 1948. Class 4.

440,795. BEFORE SHAVE LOTION, DEODORANTS, AFTER SHAVE LOTION, OIL SHAMPOO, HAIR DRESSING, COLOGNE, FACE AND BODY POWDER. GOURIELLI, INC., New York, N. Y.
Filed November 16, 1946. Serial No. 512,739. PUBLISHED JUNE 15, 1948. Class 6.

440,796. FIELD, GARDEN, AND FLOWER SEEDS USED FOR PLANTING. THE COLLINS-MADDOX COMPANY, Clinton, Okla.
Filed December 17, 1946. Serial No. 514,411. PUBLISHED JUNE 15, 1948. Class 1.

440,797. OPHTHALMIC MOUNTINGS. AMERICAN ZYLOPTIC COMPANY, INCORPORATED, New York, N. Y.
Filed January 2, 1947. Serial No. 515,150. PUBLISHED JULY 6, 1948. Class 26.

440,798. STOCK FEEDS—NAMELY, DAIRY RATION FEEDS. HARPER FEED MILLS, INC., Washington, Pa.
Filed January 24, 1947. Serial No. 516,275. PUBLISHED JUNE 29, 1948. Class 46.

440,799. FRESH VEGETABLES—NAMELY, CARROTS. ALEX E. ENGELMAN, El Centro, Calif.
Filed February 8, 1947. Serial No. 517,186. PUBLISHED JUNE 29, 1948. Class 46.

440,800. FRESH VEGETABLES—NAMELY, CARROTS. ALEX E. ENGELMAN, El Centro, Calif.
Filed February 8, 1947. Serial No. 517,187. PUBLISHED JUNE 29, 1948. Class 46.

440,801. PHOTOGRAPHIC EQUIPMENT—NAMELY, PHOTO ENLARGERS, ETC. FEDERAL MANUFACTURING AND ENGINEERING CORP., Brooklyn, N. Y.
Filed February 15, 1947. Serial No. 517,565. PUBLISHED JANUARY 27, 1948. Class 26.

440,802. SYNTHETIC RESINS SOLD TO THE PAINT, VARNISH, AND RUBBER INDUSTRIES. ADVANCE SOLVENTS & CHEMICAL CORPORATION, New York, N. Y.
Filed February 18, 1947. Serial No. 517,685. PUBLISHED JANUARY 20, 1948. Class 1.

440,803. PLASTIC SHEETING OR FILMS SOLD BY THE ROLL OR AS PIECE GOODS FOR MAKING UP CURTAINS, TABLE CLOTHS, AND THE LIKE. HERIBERT, INC., New York, N. Y.
Filed February 24, 1947. Serial No. 517,996. PUBLISHED JUNE 29, 1948. Class 42.

440,804. PERFUMES AND TOILET WATERS. PARFUM L'ORLE, INC., New York, N. Y.
Filed February 24, 1947. Serial No. 518,030. PUBLISHED JULY 6, 1948. Class 6.

440,805. ALARM APPARATUS, ETC. CRESCENT LABORATORIES, Montclair, N. J., assignor to Crown Controls Company, Inc., New Bremen, Ohio, a corporation of Ohio.
Filed March 5, 1947. Serial No. 518,520. PUBLISHED JULY 6, 1948. Class 26.

440,806. ANTACID AND SEDATIVE. BRISTOL LABORATORIES INCORPORATED, Syracuse, N. Y.
Filed March 13, 1947. Serial No. 518,935. PUBLISHED JUNE 22, 1948. Class 6.

440,807. CELLULOSE SPONGES. O-CEL-O, INC., Buffalo, N. Y.
Filed March 27, 1947. Serial No. 519,689. PUBLISHED JUNE 22, 1948. Class 1.

440,808. CORROSION RESISTANT WIRES HAVING A DIAMETER OF ¼ INCH OR LESS, AND STRIPS OF COMPARABLE SIZES, HAVING A PLATING OF NICKEL OR A NICKEL ALLOY THEREON. KENMORE METALS CORPORATION, New York, N. Y.
Filed March 28, 1947. Serial No. 519,758. PUBLISHED JUNE 29, 1948. Class 14.

440,809. SYNTHETIC RESINS OF A POLYSTYRENE BASE IN SOLID FORM FOR USE IN MOLDING, CASTING OR EXTRUDING A WIDE VARIETY OF RIGID ARTICLES OF MANUFACTURE INCLUDING INDUSTRIAL AND HOUSEHOLD GOODS SUCH AS IMPLEMENT PARTS, ETC. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed April 4, 1947. Serial No. 520,174. PUBLISHED JUNE 22, 1948. Class 1.

440,810. FRESH MELONS — NAMELY, CANTALOUPES. ALEX E. ENGELMAN, El Centro, Calif.
Filed April 5, 1947. Serial No. 520,204. PUBLISHED JUNE 29, 1948. Class 46.

440,811. MEDICAL DEVICE USED IN DIAGNOSIS AND TREATMENT FOR FEMALE STERILITY. GOODMAN-KLEINER CO., INC., New York, N. Y.
Filed April 16, 1947. Serial No. 520,803. PUBLISHED JULY 6, 1948. Class 44.

440,812. MEDICAL DEVICE USED IN DIAGNOSIS AND TREATMENT FOR FEMALE STERILITY. GOODMAN-KLEINER CO., INC., New York, N. Y.
Filed April 16, 1947. Serial No. 520,804. PUBLISHED JULY 6, 1948. Class 44.

440,813. LACES SOLD BY THE PIECE. NATIVE LACES & TEXTILES, INCORPORATED, New York, N. Y.
Filed April 17, 1947. Serial No. 520,885. PUBLISHED NOVEMBER 11, 1947. Class 42.

440,814. ELECTRICAL COMPUTING APPARATUS FOR ANALYZING PREVIOUS RESULTS IN SPORTING EVENTS TO COMPUTE AVERAGES. DEV-RO NOVELTY COMPANY, NOT INC., Chicago, Ill.
Filed May 6, 1947. Serial No. 521,987. PUBLISHED JULY 6, 1948. Class 26.

440,815. SALTED NUTS. TOWER SALTED NUT CO., Philadelphia, Pa.
Filed May 8, 1947. Serial No. 522,093. PUBLISHED JUNE 29, 1948. Class 46.

440,816. CHEMICALLY-HEATED PADS. LENA ROSE WORTH, doing business as Everhot Heating Pad Co., Newark, N. J.
Filed May 10, 1947. Serial No. 522,215. PUBLISHED JANUARY 6, 1948. Class 44.

440,817. CIGARS, CIGARETTES, AND SMOKING TOBACCO. CIFUENTES Y COMPAÑIA, Habana, Cuba.
Filed May 20, 1947. Serial No. 522,687. PUBLISHED JULY 6, 1948. Class 17.

440,818. AUTOMATIC, ELECTRICALLY OPERATED CONTROLLING, INDICATING AND SIGNALLING APPARATUS FUNCTIONING RESPONSIVELY TO THE FLUCTUATIONS OF A VARYING MAGNITUDE OF A CONDITION SUCH AS TEMPERATURE, ETC. LEEDS & NORTHRUP COMPANY, Philadelphia, Pa.
Filed May 22, 1947. Serial No. 522,797. PUBLISHED JUNE 8, 1948. Class 26.

440,819. FROZEN VEGETABLES, FROZEN APPLESAUCE, AND FROZEN STRAWBERRIES. GREAT LAKES GROWERS COOPERATIVE, North Girard, Pa.
Filed May 22, 1947. Serial No. 522,859. PUBLISHED JUNE 22, 1948. Class 46.

440,820. FIREARMS INCLUDING SHOT GUNS, RIFLES, AND PARTS THEREOF. O. F. MOSSBERG & SONS, INC., New Haven, Conn.
Filed May 26, 1947. Serial No. 523,068. PUBLISHED JUNE 1, 1948. Class 9.

440,821. RESINOUS PRIMER AND FINISH COATING FOR FLOORS. PLASTIC ENGINEERING CORPORATION, Boston, Mass., assignor to The Flintkote Company, New York, N. Y., a corporation of Massachusetts.
Filed May 28, 1947. Serial No. 523,205. PUBLISHED MAY 25, 1948. Class 16.

440,822. CARPETS AND RUGS, EXCEPTING COTTON FLOOR RUGS. M. J. WHITTALL ASSOCIATES, INC., Worcester, Mass.
Filed May 29, 1947. Serial No. 523,302. PUBLISHED JUNE 29, 1948. Class 42.

440,823. CARPETS AND RUGS. M. J. WHITTALL ASSOCIATES, INC., Worcester, Mass.
Filed June 2, 1947. Serial No. 523,440. PUBLISHED JUNE 22, 1948. Class 42.

440,824. CONTACT LENS. GEORGE J. HELLINGER, Brooklyn, N. Y.
Filed June 14, 1947. Serial No. 524,188. PUBLISHED JUNE 29, 1948. Class 26.

440,825. CANNED TAMALE STYLE CHICKEN AND DRESSING PACKED IN GIBLET GRAVY. CHIX STIX DISTRIBUTING COMPANY, Dallas, Tex.
Filed June 18, 1947. Serial No. 524,373. PUBLISHED JUNE 29, 1948. Class 46.

440,826. SHINGLES AND SIDINGS, NORMALLY GRAINED AND MADE OF CEMENT-ASBESTOS MATERIALS AND COATED WITH PIGMENTED MATERIAL IN A TWO-TONED, WEATHERED EFFECT, FOR USE IN BUILDING CONSTRUCTIONS AND REPAIRS THEREOF. TILO ROOFING COMPANY, INC., Stratford, Conn.
Filed June 21, 1947. Serial No. 524,633. PUBLISHED JUNE 15, 1948. Class 12.

440,827. FLOWER BULBS. OREGON BULB FARMS, Sandy, Oreg.
Filed June 27, 1947. Serial No. 525,027. PUBLISHED JUNE 15, 1948. Class 1.

440,828. PICKLES. W. W. DOUGHERTY, Atkins, Ark.
Filed July 1, 1947. Serial No. 525,307. PUBLISHED JUNE 29, 1948. Class 46.

440,829. CONSUMABLE METALLIC WELDING RODS. CRUCIBLE STEEL COMPANY OF AMERICA, New York, N. Y.
Filed July 2, 1947. Serial No. 525,550. PUBLISHED NOVEMBER 18, 1947. Class 14.

440,830. COAL. THE PITTSBURG & MIDWAY COAL MINING CO., Kansas City, Mo.
Filed July 3, 1947. Serial No. 525,946. PUBLISHED JUNE 15, 1948. Class 1.

440,831. VITAMIN CAPSULES. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed December 8, 1945. Serial No. 492,965. PUBLISHED JULY 22, 1947. Class 6.

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502,438. DYES, BLUING, AND A PREPARATION FOR REMOVING COLORS FROM ALL FABRICS AND STAINS FROM WHITE GOODS. NORTH AMERICAN DYE CORPORATION, Mount Vernon, N. Y.
Filed July 21, 1947. Serial No. 489,674. PUBLISHED JUNE 22, 1948. Class 6.

502,439. WHEAT FLOUR, WHOLE WHEAT FLOUR, CAKE FLOUR, PANCAKE FLOUR, CORN MEAL, BREAKFAST CEREAL, AND CORN GRITS. TEX-O-KAN FLOUR MILLS CO., doing business as Burrus Mill & Elevator Co., Dallas and Fort Worth, Tex.
Filed July 5, 1947. Serial No. 492,292. PUBLISHED JUNE 22, 1948. Class 46.

502,440. SHEETS, STRIPS, RAILS, BARS, PLATES, AND RAILWAY TIE PLATES, ALL MADE OF STEEL. INLAND STEEL COMPANY, Chicago, Ill.
Filed Sept. 5, 1947. Serial No. 494,272. PUBLISHED JUNE 22, 1948. Class 14.

502,441. ARTIFICIAL AND NATURAL FERTILIZERS, AND CHEMICAL SUBSTANCES FOR AGRICULTURE, HORTICULTURE AND ARBORICULTURE—NAMELY, FERTILIZER MIXTURES FOR FRUIT TREES. BERTRANDROGER GLAENZER, Paris, France.
Filed November 14, 1947. Serial No. 495,229. PUBLISHED MAY 4, 1948. Class 10.

502,442. SANITARY TOILET PANS FOR ANIMALS SUCH AS CATS. CHANNING R. BLATCHFORD, Battle Creek, Mich.
Filed September 11, 1947. Serial No. 498,108. PUBLISHED JULY 6, 1948. Class 2.

502,443. PREPARATION FOR THE RELIEF OF HAY FEVER, SINUS, AND COLDS. JOHN B. BAKER, Dallas, Tex.
Filed August 27, 1947. Serial No. 504,242. PUBLISHED JUNE 22, 1948. Class 6.

502,444. HIDES AND LEATHER—NAMELY, OAK-TANNED COWHIDE. A. K. SALZ COMPANY, Santa Cruz, Calif.
Filed October 24, 1947. Serial No. 506,839. PUBLISHED JUNE 15, 1948. Class 1.

502,445. SYNTHETIC RESINS FOR GENERAL USE IN THE INDUSTRIAL ARTS—NAMELY, THE COATING OF PAPER, TEXTILES, WOOD, AND METAL TO IMPART HIGH GLOSS, WATERPROOFNESS AND RESISTANCE TO SCUFFING OR ABRASION. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed August 11, 1947. Serial No. 507,410. PUBLISHED JUNE 8, 1948. Class 1.

502,446. LIQUID SCRUBBING COMPOUNDS FOR REMOVING DIRT OR GREASE FROM SURFACES. ADCO, INC., Sedalia, Mo.
Filed July 5, 1947. Serial No. 509,317. PUBLISHED JULY 6, 1948. Class 4.

502,447. BABBITT METAL. MAGNOLIA METAL COMPANY, Elizabeth, N. J.
Filed August 8, 1947. Serial No. 514,123. PUBLISHED JUNE 8, 1948. Class 14.

502,448. CANNED SPAGHETTI SAUCE AND CANNED CONSOMME. AMERICAN KITCHEN PRODUCTS COMPANY, Ozone Park, N. Y.
Filed July 25, 1947. Serial No. 515,649. PUBLISHED JUNE 22, 1948. Class 46.

502,449. WHEAT FLOUR. THE ROBINSON MILLING COMPANY, Salina, Kans.
Filed September 3, 1947. Serial No. 516,920. PUBLISHED JUNE 29, 1948. Class 46.

502,450. HOT ROLLED SHEETS, COLD ROLLED SHEETS, SHAPES, BARS, PLATES AND GALVANIZED SHEETS, ALL MADE OF STEEL. INLAND STEEL COMPANY, Chicago, Ill.
Filed August 5, 1947. Serial No. 517,190. PUBLISHED JUNE 1, 1948. Class 14.

502,451. GARBAGE CANS. BINSWANGER-HENKIN INDUSTRIES, Memphis, Tenn.
Filed September 27, 1947. Serial No. 520,260. PUBLISHED JULY 6, 1948. Class 2.

502,452. WOOL AND WOOLEN FABRICS IN THE PIECE. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y.
Filed October 3, 1947. Serial No. 520,953. PUBLISHED JUNE 15, 1948. Class 42.

502,453. ACID SCALE SOLVENT IN LIQUID FORM. THE DIVERSEY CORPORATION, Chicago, Ill.
Filed August 2, 1947. Serial No. 522,736. PUBLISHED JUNE 22, 1948. Class 6.

502,454. WOOLEN PIECE GOODS AND BLANKETS. SEYMOUR WOOLEN MILLS, Seymour, Ind.
Filed July 5, 1947. Serial No. 526,526. PUBLISHED JUNE 15, 1948. Class 42.

502,455. POWER TRANSMISSION BELTS. THE GATES RUBBER COMPANY, Denver, Colo.
Filed July 5, 1947. Serial No. 526,661. PUBLISHED JULY 6, 1948. Class 35.

502,456. LIQUID METERS, PISTON METERS, DISK METERS, TURBINE METERS, WEIGHT METERS, FLOW METERS, BOILER FEED METERS, AND DISK COUNTERS. WORTHINGTON-GAMON METER COMPANY, Newark, N. J.
Filed July 5, 1947. Serial No. 526,728. PUBLISHED JUNE 22, 1948. Class 26.

502,457. SAL SODA, BAKING SODA, AND BICARBONATE OF SODA. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,743. PUBLISHED JUNE 29, 1948. Class 6.

502,458. SAL SODA, WASHING SODA, AND BICARBONATE OF SODA (BAKING SODA). CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,745. PUBLISHED JUNE 29, 1948. Class 6.

502,459. ALLOYS IN VARIOUS FORMS SUITABLE FOR WELDING, BRAZING, SOLDERING AND HARD SURFACING OPERATIONS. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y.
Filed July 5, 1947. Serial No. 526,926. PUBLISHED JUNE 15, 1948. Class 14.

502,460. METAL RODS AND ELECTRODES FOR WELDING AND BRAZING PURPOSES. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y.
Filed July 5, 1947. Serial No. 526,938. PUBLISHED JUNE 8, 1948. Class 14.

502,461. COFFEE AND CHICORY COMPOUND. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,364. PUBLISHED JUNE 29, 1948. Class 46.

502,462. SMOKELESS POWDER. OLIN INDUSTRIES, INC., East Alton, Ill.
Filed July 5, 1947. Serial No. 527,639. PUBLISHED JUNE 8, 1948. Class 9.

502,463. OLEOMARGARINE. C. A. SWANSON & SONS, Omaha, Nebr.
Filed July 5, 1947. Serial No. 528,038. PUBLISHED JUNE 29, 1948. Class 46.

502,464. PIECE GOODS—VIZ., COTTON SHEETINGS, SHIRTINGS, AND DRILLINGS. CLIFTON MANUFACTURING COMPANY, Clifton, S. C.
Filed July 11, 1947. Serial No. 528,336. PUBLISHED JUNE 15, 1948. Class 42.

502,465. RUBBER PACKING FOR MACHINERY, AND HOSE OF ALL KINDS COMPOSED PRINCIPALLY OR WHOLLY OF RUBBER. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed July 12, 1947. Serial No. 528,451. PUBLISHED JULY 6, 1948. Class 35.

502,466. COFFEE. THE GREAT AMERICAN TEA COMPANY, New York, N. Y.
Filed July 12, 1947. Serial No. 528,469. PUBLISHED JUNE 22, 1948. Class 46.

502,467. PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, AND FACE CREAMS. LES PARFUMS NOARANTE, SOCIETE A RESPONSIBILITE LIMITEE, Melun, France.
Filed July 12, 1947. Serial No. 528,493. PUBLISHED JUNE 15, 1948. Class 6.

502,468. CANNED SALMON. B. T. WEYAND, doing business as Weyand & Co., Seattle, Wash.
Filed July 19, 1947. Serial No. 528,970. PUBLISHED JUNE 22, 1948. Class 46.

502,469. RODS AND WIRES USED FOR WELDING AND BRAZING PURPOSES. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y.
Filed July 23, 1947. Serial No. 529,244. PUBLISHED JUNE 8, 1948. Class 14.

502,470. SOLDER. KESTER SOLDER COMPANY, Chicago, Ill.
Filed July 23, 1947. Serial No. 529,271. PUBLISHED JUNE 22, 1948. Class 14.

502,471. METAL STRIP OR SHEET MATERIAL COMPRISING FERROUS METAL FACED WITH NONFERROUS METAL ON ONE OR BOTH SIDES THEREOF. SUPERIOR STEEL CORPORATION, Pittsburgh, Pa.
Filed July 24, 1947. Serial No. 529,422. PUBLISHED JUNE 22, 1948. Class 14.

502,472. BRICK AND FIRE BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed July 25, 1947. Serial No. 529,428. PUBLISHED JUNE 22, 1948. Class 12.

502,473. PIANOS. W. W. KIMBALL COMPANY, Chicago, Ill.
Filed July 25, 1947. Serial No. 529,473. PUBLISHED JULY 6, 1948. Class 36.

502,474. PHOTOGRAPHIC LENSES. EASTMAN KODAK COMPANY, Rochester, N. Y., and Flemington, N. J.
Filed July 26, 1947. Serial No. 529,614. PUBLISHED JUNE 15, 1948. Class 26.

502,475. PHOTOGRAPHIC LENSES. EASTMAN KODAK COMPANY, Rochester, N. Y., and Flemington, N. J.
Filed July 26, 1947. Serial No. 529,615. PUBLISHED JUNE 15, 1948. Class 26.

502,476. LIQUID LEVEL GAUGES AND INDICATORS, PARTS AND FITTINGS THEREOF. THE RELIANCE GAUGE COLUMN COMPANY, Cleveland, Ohio.
Filed July 26, 1947. Serial No. 529,695. PUBLISHED JUNE 8, 1948. Class 26.

502,477. CIGARS, CHEROOTS, CIGARETTES, SMOKING, CHEWING, FINE-CUT AND PLUG TOBACCO. D. EMIL KLEIN CO., INC., New York, N. Y.
Filed July 28, 1947. Serial No. 529,783. PUBLISHED JULY 6, 1948. Class 17.

502,478. COTTON BEDSPREAD BASECLOTH SOLD AS INDIVIDUAL EMBROIDERED BEDSPREADS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed July 29, 1947. Serial No. 529,904. PUBLISHED JUNE 29, 1948. Class 42.

502,479. RAILROAD FROGS AND CROSSINGS. CLEVELAND FROG & CROSSING CO., Cleveland, Ohio.
Filed July 30, 1947. Serial No. 529,964. PUBLISHED JUNE 8, 1948. Class 14.

502,480. RAILROAD FROGS AND CROSSINGS. CLEVELAND FROG & CROSSING CO., Cleveland, Ohio.
Filed July 30, 1947. Serial No. 529,965. PUBLISHED JUNE 8, 1948. Class 14.

502,481. SPECTACLE FRAMES MADE OF PLASTIC MATERIAL. VICTORY OPTICAL MANUFACTURING COMPANY, Newark, N. J.
Filed July 31, 1947. Serial No. 530,133. PUBLISHED JUNE 8, 1948. Class 26.

502,482. RUGS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed August 2, 1947. Serial No. 530,301. PUBLISHED JUNE 22, 1948. Class 42.

502,483. LIQUID PLANT FOOD FERTILIZER. LIQUID PLANT FOOD COMPANY, Monrovia, Calif.
Filed August 2, 1947. Serial No. 530,325. PUBLISHED JUNE 29, 1948. Class 10.

502,484. CIGARETTE CASES. EVANS CASE CO., North Attleboro, Mass.
Filed August 5, 1947. Serial No. 530,485. PUBLISHED JULY 6, 1948. Class 8.

502,485. CREAM TARTAR, TARTARIC ACID, SODIUM POTASSIUM TARTRATE, AND CALCIUM TARTRATE. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 5, 1947. Serial No. 530,582. PUBLISHED JUNE 29, 1948. Class 6.

502,486. TAPE MEASURES. THE WARREN FEATHERBONE CO., Three Oaks, Mich.
Filed August 5, 1947. Serial No. 530,607. PUBLISHED JUNE 15, 1948. Class 26.

502,487. TAPE MEASURES. THE LUFKIN RULE COMPANY, Saginaw, Mich.
Filed August 6, 1947. Serial No. 530,655. PUBLISHED JUNE 15, 1948. Class 26.

502,488. TAPE MEASURES. THE LUFKIN RULE COMPANY, Saginaw, Mich.
Filed August 6, 1947. Serial No. 530,656. PUBLISHED JUNE 15, 1948. Class 26.

502,489. TAPE MEASURES. THE LUFKIN RULE COMPANY, Saginaw, Mich.
Filed August 6, 1947. Serial No. 530,657. PUBLISHED JUNE 15, 1948. Class 26.

502,490. TAPE MEASURES. THE LUFKIN RULE COMPANY, Saginaw, Mich.
Filed August 6, 1947. Serial No. 530,658. PUBLISHED JUNE 15, 1948. Class 26.

502,491. TAPE MEASURES. THE LUFKIN RULE COMPANY, Saginaw, Mich.
Filed August 6, 1947. Serial No. 530,660. PUBLISHED JUNE 15, 1948. Class 26.

502,492. HAND CREAM PARTICULARLY SUITED TO PROTECTING THE SKIN AGAINST INJURY BY CHEMICALS. EIMER AND AMEND, New York, N. Y.
Filed August 9, 1947. Serial No. 530,926. PUBLISHED JUNE 8, 1948. Class 6.

502,493. STEEL. W. J. HOLLIDAY & CO., Indianapolis, Ind.
Filed August 11, 1947. Serial No. 531,037. PUBLISHED JUNE 8, 1948. Class 14.

502,494. OPHTHALMIC MOUNTINGS AND PARTS THEREOF AND OPTICAL VIEWING MEMBERS OR LENSES FOR USE IN SAID OPHTHALMIC MOUNTINGS AND BLANKS THEREFOR. VERSALITE OPTICAL CORPORATION, Springfield, Mass.
Filed August 12, 1947. Serial No. 531,165. PUBLISHED JUNE 15, 1948. Class 26.

502,495. INORGANIC FERTILIZER. FARM FERTILIZERS, INC., Omaha, Nebr.
Filed August 13, 1947. Serial No. 531,202. PUBLISHED JUNE 1, 1948. Class 10.

502,496. SULPHUR. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 15, 1947. Serial No. 531,528. PUBLISHED JULY 6, 1948. Class 6.

502,497. INSECTICIDES. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 15, 1947. Serial No. 531,530. PUBLISHED JULY 6, 1948. Class 6.

502,498. INSECTICIDES. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 15, 1947. Serial No. 531,531. PUBLISHED JULY 6, 1948. Class 6.

502,499. SULPHUR. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 15, 1947. Serial No. 531,535. PUBLISHED JULY 6, 1948. Class 6.

502,500. SULPHUR. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 15, 1947. Serial No. 531,536. PUBLISHED JULY 6, 1948. Class 6.

502,501. SPREADER FOR INSECTICIDES. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 15, 1947. Serial No. 531,537. PUBLISHED JULY 6, 1948. Class 6.

502,502. HAMMER ATTACHMENTS FOR DENTAL HAND PIECES. MARTIN STAUNT, doing business as Midwest Dental Manufacturing Co., Chicago, Ill.
Filed August 18, 1947. Serial No. 531,736. PUBLISHED JUNE 22, 1948. Class 44.

502,503. METAL POWDERS, AND METAL POWDERS IN PASTE FORM. MAGNA MANUFACTURING CO., INC., Haskell, N. J., and New York, N. Y.
Filed August 19, 1947. Serial No. 531,816. PUBLISHED JUNE 29, 1948. Class 14.

502,504. CANDY. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y.
Filed August 21, 1947. Serial No. 532,011. PUBLISHED JUNE 22, 1948. Class 46.

502,505. PERMISSIBLE BLASTING POWDER FOR USE IN COAL MINES. THE KING POWDER COMPANY, Cincinnati, Ohio.
Filed August 21, 1947. Serial No. 532,031. PUBLISHED MAY 11, 1948. Class 9.

502,506. PREPARATION FOR THE TREATMENT OF DANDRUFF. SULFA-BAY COMPANY, INC., Helena, Ark.
Filed August 22, 1947. Serial No. 532,173. PUBLISHED JUNE 29, 1948. Class 6.

502,507. SANITARY NAPKINS. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill.
Filed August 23, 1947. Serial No. 532,233. PUBLISHED JULY 6, 1948. Class 44.

502,508. SULPHUR, SULPHATE OF ALUMINA, IRON SULPHATE, AND CARBON BISULPHIDE. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 25, 1947. Serial No. 532,358. PUBLISHED JUNE 15, 1948. Class 6.

502,509. INNER TUBES FOR TIRES. THE KELLY-SPRINGFIELD TIRE COMPANY, Cumberland, Md.
Filed August 27, 1947. Serial No. 532,611. PUBLISHED JUNE 22, 1948. Class 35.

502,510. FELT ROOFING. STELWAGON MANUFACTURING COMPANY, Philadelphia, Pa.
Filed August 27, 1947. Serial No. 532,653. PUBLISHED JUNE 22, 1948. Class 12.

502,511. JEWELRY FOR PERSONAL WEAR AND ADORNMENT, NOT INCLUDING WATCHES—NAMELY, NECKLACES, BRACELETS, FINGER RINGS, EARRINGS, JEWELRY CLIPS, BROOCHES, AND LOCKETS. CORO, INC., New York, N. Y.
Filed August 28, 1947. Serial No. 532,690. PUBLISHED JUNE 8, 1948. Class 28.

502,512. ORGANIC FERTILIZER—NAMELY, DEHYDRATED ANIMAL MANURE. UNION STOCK YARDS COMPANY OF OMAHA, LTD., Omaha, Nebr.
Filed August 29, 1947. Serial No. 532,889. PUBLISHED MAY 18, 1948. Class 10.

502,513. PIECE GOODS OF WOOL, WORSTED, COTTON, RAYON, SILK, AND COMBINATIONS THEREOF, INCLUDING DUCK, CHENILLE, AND VELVETEEN. A. D. JUILLIARD & CO., INC., New York, N. Y.
Filed September 3, 1947. Serial No. 533,168. PUBLISHED JUNE 29, 1948. Class 42.

502,514. CONVEYOR BELTING COMPOSED OF RUBBER OR RUBBER AND FABRIC. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,378. PUBLISHED JULY 6, 1948. Class 35.

502,515. BELTING, PACKING AND HOSE COMPOSED OF RUBBER OR RUBBER AND FABRIC. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,381. PUBLISHED JUNE 22, 1948. Class 35.

502,516. PAIN RELIEVING CAPSULES. JONES M. CHAMBLIN, doing business as The Chamblin Company, Jackson, Miss.
Filed July 7, 1947. Serial No. 533,444. PUBLISHED JUNE 22, 1948. Class 6.

502,517. SIZING AGENTS FOR KNITTING YARN. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed September 5, 1947. Serial No. 533,578. PUBLISHED JUNE 8, 1948. Class 6.

502,518. CARBON BLACK SOLD AS A PIGMENT FOR MANUFACTURING INKS ONLY. GODFREY L. CABOT, INC., Boston, Mass.
Filed September 11, 1947. Serial No. 534,088. PUBLISHED JUNE 29, 1948. Class 11.

502,519. NICKEL SALTS AND NICKEL BRIGHTENER USED IN ELECTROPLATING SOLUTIONS. HANSON-VAN WINKLE-MUNNING COMPANY, Matawan, N. J., and elsewhere.
Filed September 12, 1947. Serial No. 534,277. PUBLISHED JUNE 15, 1948. Class 6.

502,520. NICKEL BRIGHTENER USED IN ELECTROPLATING SOLUTIONS. HANSON-VAN WINKLE-MUNNING COMPANY, Matawan, N. J., and elsewhere.
Filed September 12, 1947. Serial No. 534,278. PUBLISHED JUNE 15, 1948. Class 6.

502,521. CIGARS. DANIEL FRANK COMPANY, Boston, Mass.
Filed September 13, 1947. Serial No. 534,426. PUBLISHED JULY 6, 1948. Class 17.

502,522. BIRD GRAVEL. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y.
Filed September 13, 1947. Serial No. 534,434. PUBLISHED JUNE 1, 1948. Class 1.

502,523. COTTON GOODS IN THE PIECE. ERWIN COTTON MILLS COMPANY, Durham, N. C.
Filed September 16, 1947. Serial No. 534,614. PUBLISHED JULY 6, 1948. Class 42.

502,524. BED SHEETS AND PILLOW CASES AND COTTON GOODS IN THE PIECE. ERWIN COTTON MILLS COMPANY, Durham, N. C.
Filed September 16, 1947. Serial No. 534,615. PUBLISHED JUNE 29, 1948. Class 42.

502,525. BED SHEETINGS. ERWIN COTTON MILLS COMPANY, Durham, N. C.
Filed September 16, 1947. Serial No. 534,616. PUBLISHED JUNE 29, 1948. Class 42.

502,526. BED SHEETS, PILLOW CASES, AND COTTON PIECE GOODS. ERWIN COTTON MILLS COMPANY, Durham, N. C.
Filed September 16, 1947. Serial No. 534,617. PUBLISHED JUNE 29, 1948. Class 42.

502,527. BITUMINOUS COAL. TRUAX-TRAER COAL COMPANY, Chicago, Ill.
Filed September 16, 1947. Serial No. 534,696. PUBLISHED JUNE 8, 1948. Class 1.

502,528. COAL. JOHN R. CHAMBERLIN, Philadelphia, Pa.
Filed September 17, 1947. Serial No. 534,743. PUBLISHED JUNE 8, 1948. Class 1.

502,529. HIGH SOFTENING POINT BITUMINOUS MATERIAL—NAMELY, POWDERED ASPHALT. THE OHIO OIL COMPANY, Findlay, Ohio.
Filed September 17, 1947. Serial No. 534,805. PUBLISHED JUNE 22, 1948. Class 12.

502,530. NASAL DOUCHE—VIZ., AN INSTRUMENT USED IN APPLYING A MEDICINAL PREPARATION. KRESS & OWEN COMPANY, New York, N. Y.
Filed September 18, 1947. Serial No. 534,897. PUBLISHED JULY 6, 1948. Class 44.

502,531. LEATHER. PFISTER & VOGEL TANNING CO., Milwaukee, Wis.
Filed September 18, 1947. Serial No. 534,921. PUBLISHED JUNE 15, 1948. Class 1.

502,532. MEDICINAL PREPARATION HAVING HORMONAL PROPERTIES INDICATED IN THE TREATMENT OF MENOPAUSE AND OTHER DISORDERS. DESBERGERS LIMITED, Montreal, Quebec, Canada.
Filed September 19, 1947. Serial No. 535,005. PUBLISHED JUNE 15, 1948. Class 6.

502,533. FIRECRACKERS. RENE D. LYON, New York, N. Y.
Filed September 22, 1947. Serial No. 535,247. PUBLISHED JUNE 8, 1948. Class 9.

502,534. CHEMICAL SOOT REMOVER. H. KIRK WHITE AND COMPANY, Oconomowoc, Wis.
Filed September 22, 1947. Serial No. 535,288. PUBLISHED JULY 6, 1948. Class 6.

502,535. LICORICE PRODUCT USED AS A FLAVORING AND CONDITIONING INGREDIENT FOR TOBACCO PRODUCTS. MACANDREWS & FORBES COMPANY, Camden, N. J.
Filed September 23, 1947. Serial No. 535,423. PUBLISHED JUNE 29, 1948. Class 6.

502,536. CEREAL PRODUCT USED IN FOUNDRIES AS AN ADHESIVE TO BIND SAND AND OTHER MATERIALS IN THE MANUFACTURE OF CORES. MINER-HILLARD MILLING CO., Wilkes-Barre, Pa.
Filed September 24, 1947. Serial No. 535,580. PUBLISHED JUNE 8, 1948. Class 5.

502,537. NASAL DOUCHE POWDER. PIERCE'S PROPRIETARIES, INC., Buffalo, N. Y.
Filed September 24, 1947. Serial No. 535,618. PUBLISHED JUNE 15, 1948. Class 6.

502,538. TIN CANS. VULCAN TIN CAN CO., Bellwood, Ill.
Filed September 24, 1947. Serial No. 535,658. PUBLISHED JULY 6, 1948. Class 2.

502,539. DESICCATING COMPOUNDS FOR ABSORBING WATER VAPOR, GASES, AND LIQUIDS. P. N. DAVEY, Washington, D. C.
Filed September 25, 1947. Serial No. 535,689. PUBLISHED JUNE 29, 1948. Class 6.

502,540. LEATHER BELTING AND LACING FOR BELTING. BAY STATE BELTING COMPANY, Boston, Mass.
Filed September 27, 1947. Serial No. 535,921. PUBLISHED JUNE 22, 1948. Class 35.

502,541. LEATHER BELTING. BAY STATE BELTING COMPANY, Boston, Mass.
Filed September 27, 1947. Serial No. 535,922. PUBLISHED JUNE 29, 1948. Class 35.

502,542. PUMP VALVES, NON-METALLIC PISTON RINGS, FOR PUMPS, ENGINES AND OTHER MACHINERY IN WHICH SUCH RINGS MAY BE EMPLOYED. STEWART R. BROWNE MFG. CO., INC., New York, N. Y.
Filed September 27, 1947. Serial No. 535,930. PUBLISHED JUNE 22, 1948. Class 35.

502,543. LEATHER. FRED RUEPING LEATHER COMPANY, Fond du Lac, Wis.
Filed September 27, 1947. Serial No. 535,997. PUBLISHED JUNE 22, 1948. Class 1.

502,544. VEHICLE TIRES. CORDUROY RUBBER COMPANY, Grand Rapids, Mich.
Filed September 29, 1947. Serial No. 536,052. PUBLISHED JULY 6, 1948. Class 35.

502,545. SPONGES. AMERICAN SPONGE & CHAMOIS CO., INC., New York, N. Y.
Filed October 1, 1947. Serial No. 536,333. PUBLISHED JUNE 22, 1948. Class 1.

502,546. PISTON RINGS AND OIL SEALING RINGS FOR ROTATING SHAFTS. PERFECT CIRCLE CORPORATION, Hagerstown, Ind.
Filed October 1, 1947. Serial No. 536,442. PUBLISHED JUNE 15, 1948. Class 35.

502,547. PUMP LINER PACKING ASSEMBLIES. STERLING PACKING & GASKET CO., Houston, Tex.
Filed October 3, 1947. Serial No. 536,733. PUBLISHED JUNE 15, 1948. Class 35.

502,548. COTTON PIECE GOODS. CANTON COTTON MILLS, Canton, Ga.
Filed October 4, 1947. Serial No. 536,760. PUBLISHED JUNE 29, 1948. Class 42.

502,549. SULPHUR. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed October 4, 1947. Serial No. 536,845. PUBLISHED JUNE 22, 1948. Class 6.

502,550. GARDEN HOSE. THE GATES RUBBER COMPANY, Denver, Colo.
Filed October 8, 1947. Serial No. 537,169. PUBLISHED JUNE 15, 1948. Class 35.

502,551. HOT WATER BOTTLES. NATIONAL PACKAGE DRUGS, INC., St. Louis, Mo.
Filed October 8, 1947. Serial No. 537,221. PUBLISHED JULY 6, 1948. Class 44.

502,552. CIGARETTE PACKAGE HOLDERS OF PLASTIC MATERIAL. SKINNER & KENNEDY COMPANY, St. Louis, Mo.
Filed October 8, 1947. Serial No. 537,249. PUBLISHED JULY 6, 1948. Class 8.

502,553. COSMETICS AND BEAUTY PREPARATIONS—NAMELY, FACE POWDER, FACE CREAM, FOUNDATION CREAM, FOUNDATION LOTION, ETC. JACQUELINE COCHRAN, doing business under the name and style of Jacqueline Cochran and Jacqueline Cochran Cosmetics, Newark, N. J., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware.
Filed October 10, 1947. Serial No. 537,418. PUBLISHED JUNE 29, 1948. Class 6.

502,554. STEEL CASTINGS. THE Z. V. S. COMPANY, Chicago, Ill.
Filed October 10, 1947. Serial No. 537,540. PUBLISHED JUNE 29, 1948. Class 14.

502,555. PISTON RINGS. PERFECT CIRCLE CORPORATION, Hagerstown, Ind.
Filed October 11, 1947. Serial No. 537,613. PUBLISHED JUNE 15, 1948. Class 35.

502,556. PISTON RINGS. PERFECT CIRCLE CORPORATION, Hagerstown, Ind.
Filed October 11, 1947. Serial No. 537,614. PUBLISHED JUNE 15, 1948. Class 35.

502,557. WOOLEN AND WORSTED FABRICS IN THE PIECE. JOHN WALTHER FABRICS, INC., New York, N. Y.
Filed October 25, 1947. Serial No. 539,108. PUBLISHED JUNE 22, 1948. Class 42.

502,558. WOOLEN AND WORSTED FABRICS. MIRON MILLS, INC., Clinton, Mass.
Filed October 29, 1947. Serial No. 539,425. PUBLISHED JULY 6, 1948. Class 42.

502,559. CARPETS AND RUGS. BIGELOW-SANFORD CARPET CO., INC., Thompsonville, Conn.
Filed October 31, 1947. Serial No. 539,629. PUBLISHED JUNE 22, 1948. Class 42.

502,560. RAYON PIECE GOODS. CANTOR-GREENSPAN CO. INC., New York, N. Y.
Filed October 31, 1947. Serial No. 539,652. PUBLISHED JUNE 22, 1948. Class 42.

502,561. RAYON PIECE GOODS. CANTOR-GREENSPAN CO. INC., New York, N. Y.
Filed October 31, 1947. Serial No. 539,653. PUBLISHED JUNE 15, 1948. Class 42.

502,562. COTTON, RAYON, SILK, WOOL AND NYLON PIECE GOODS, AND BLENDED COMBINATIONS THEREOF. MARCUS BROTHERS TEXTILE CORP., New York, N. Y.
Filed October 31, 1947. Serial No. 539,724. PUBLISHED JUNE 22, 1948. Class 42.

502,563. OXYGEN THERAPY EQUIPMENT AND ACCESSORIES, INCLUDING PARTS THEREOF, ETC. OXYGEN EQUIPMENT & SERVICE CO., Chicago, Ill.
Filed November 1, 1947. Serial No. 539,896. PUBLISHED JULY 6, 1948. Class 44.

502,564. DENTURE PADS. GEORGE D. STONER, doing business as Com-Fit Company, Indianapolis, Ind.
Filed November 4, 1947. Serial No. 540,121. PUBLISHED JULY 6, 1948. Class 44.

502,565. KNITTED RUGS. QUAKER MAID MILLS, INC., Philadelphia, Pa.
Filed November 6, 1947. Serial No. 540,316. PUBLISHED JULY 6, 1948. Class 42.

502,566. COTTON, RAYON AND WOOLEN PIECE GOODS AND TEXTILE FABRICS — NAMELY, BROADCLOTH, POPLIN AND PERCALE. BRENDA FABRICS, INC., New York, N. Y.
Filed November 7, 1947. Serial No. 540,374. PUBLISHED JULY 6, 1948. Class 42.

502,567. CARPETS AND RUGS. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y.
Filed November 7, 1947. Serial No. 540,466. PUBLISHED JUNE 29, 1948. Class 42.

502,568. CARPETS AND RUGS. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y.
Filed November 7, 1947. Serial No. 540,469. PUBLISHED JUNE 29, 1948. Class 42.

502,569. CARPETS AND RUGS. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y.
Filed November 7, 1947. Serial No. 540,471. PUBLISHED JULY 6, 1948. Class 42.

502,570. CARPETS AND RUGS. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y.
Filed November 7, 1947. Serial No. 540,472. PUBLISHED JUNE 29, 1948. Class 42.

502,571. CARPETS AND RUGS. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y.
Filed November 7, 1947. Serial No. 540,473. PUBLISHED JULY 6, 1948. Class 42.

502,572. CARPETS AND RUGS. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y.
Filed November 7, 1947. Serial No. 540,474. PUBLISHED JUNE 29, 1948. Class 42.

502,573. FLANNEL FABRIC. BOTANY MILLS, INC., Passaic, N. J.
Filed November 10, 1947. Serial No. 540,637. PUBLISHED JULY 6, 1948. Class 42.

502,574. SHEETINGS, DRILLS, AND SUITINGS. J. P. STEVENS & CO., INC., New York, N. Y.
Filed November 10, 1947. Serial No. 540,734. PUBLISHED JULY 6, 1948. Class 42.

502,575. SHEETS AND PILLOW CASES. WAMSUTTA MILLS, New Bedford, Mass.
Filed November 10, 1947. Serial No. 540,746. PUBLISHED JULY 6, 1948. Class 42.

502,576. PLASTIC VINYL SHEETING SOLD BY THE ROLL OR YARD FOR USE IN MAKING GARMENTS AND HOUSEHOLD ARTICLES. DUSSI-WALLACE AND COMPANY, New York, N. Y.
Filed November 12, 1947. Serial No. 540,798. PUBLISHED JULY 6, 1948. Class 42.

502,577. TEXTURED CARPETING. ORIENTAL RUG CUSHION CO., INC., Los Angeles, Calif.
Filed November 12, 1947. Serial No. 540,860. PUBLISHED JULY 6, 1948. Class 42.

502,578. SILK PIECE GOODS. BIANCHINI, FERIER, INC., New York, N. Y.
Filed November 13, 1947. Serial No. 540,976. PUBLISHED JUNE 29, 1948. Class 42.

502,579. PIECE GOODS OF WOOL, COTTON, RAYON, NYLON, AND/OR SILK OR COMBINATIONS THEREOF. COHN-HALL-MARX CO., New York, N. Y.
Filed November 15, 1947. Serial No. 541,262. PUBLISHED JULY 6, 1948. Class 42.

502,580. WOOLEN PIECE GOODS. A. D. ELLIS MILLS INCORPORATED, Monson, Mass.
Filed November 15, 1947. Serial No. 541,270. PUBLISHED JULY 6, 1948. Class 42.

502,581. ADDING, ACCOUNTING, CALCULATING, AND TYPEWRITING MACHINE RIBBONS, CARBON PAPERS, DUPLICATOR INK, INKING PADS, WRITING INKS AND WRITING FLUIDS, NUMBERING MACHINE INK, STAMP PADS AND INK THEREFOR. STATIONERS' GUILD OF AMERICA, Philadelphia, Pa.
Filed November 24, 1947. Serial No. 541,375. PUBLISHED JUNE 29, 1948. Class 11.

502,582. CIGARS. A. SENSENBRENNER SONS, Los Angeles, Calif.
Filed November 18, 1947. Serial No. 541,583. PUBLISHED JULY 6, 1948. Class 17.

502,583. CIGARS. A. SENSENBRENNER SONS, Los Angeles, Calif.
Filed November 18, 1947. Serial No 541,584. PUBLISHED JULY 6, 1948. Class 17.

502,584. SPECIALLY PREPARED CEREAL FOOD CONSISTING OF A MIXTURE OF WHEAT MEAL, OATMEAL, ETC. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 22, 1947. Serial No. 541,758. PUBLISHED JUNE 29, 1948. Class 46.

502,585. REAGENT TABLET FOR THE PURPOSE OF DETECTING THE PRESENCE OF OCCULT BLOOD. AMES COMPANY, INC., Elkhart, Ind.
Filed December 18, 1947. Serial No. 544,686. PUBLISHED JUNE 15, 1948. Class 6.

502,586. REAGENT TABLET FOR THE PURPOSE OF EVALUATING THE SULPHONAMIDE LEVEL IN BODY FLUIDS. AMES COMPANY, INC., Elkhart, Ind.
Filed December 18, 1947. Serial No. 544,687. PUBLISHED JUNE 15, 1948. Class 6.

502,587. SUDSING CLEANER, CLEANSER AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed December 20, 1947. Serial No. 545,037. PUBLISHED JULY 6, 1948. Class 4.

502,588. SOAP. DANIEL FISHER NEALON, doing business as Nealon Soap Company, Paris, Tenn.
Filed January 15, 1948. Serial No. 547,142. PUBLISHED JULY 6, 1948. Class 4.

502,589. MEDICINAL PREPARATION INDICATED IN AND FOR THE PREVENTION AND TREATMENT OF ALL SUCH ORGANIC AND PHYSICAL CONDITIONS AS MAY RESULT FROM VITAMIN A AND/OR D DEFICIENCY AND AS A RECALCIFYING TONIC. THE OZOMULSION COMPANY, New York, N. Y.
Filed January 16, 1948. Serial No. 547,273. PUBLISHED June 29, 1948. Class 6.

502,590. AGRICULTURAL BASE PLASTIC MOULDING COMPOUND, AS A PARTIALLY PREPARED MATERIAL FOR INDUSTRIAL USES. AGICIDE LABORATORIES, INC., Los Angeles, Calif.
Filed May 24, 1948. Serial No. 553,766. PUBLISHED JULY 6, 1948. Class 1.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

502,591. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) FRASER REEL AND SPECIALTY COMPANY, Fraser, Mich. Filed Nov. 20, 1947. Serial No. 518,396.

Fraser

FOR FISHING REELS AND ARTIFICIAL FISH BAITS.
Claims use since Nov. 6, 1946.

502,592. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) LOOMSKILL FABRICS, INC., New York, N. Y. Filed Mar. 31, 1948. Serial No. 522,050.

Loomskill

FOR PIECE GOODS OF RAYON, COTTON, WOOL, AND SILK, AND COMBINATIONS THEREOF.
Claims use since Mar. 14, 1947.

502,593. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BALCOM INDUSTRIES, INC., Greeley, Colo. Filed July 30, 1948. Serial No. 530,366.

BALCOM'S BUG BUTCHER

SCIENTIFIC DESTRUCTION

FOR INSECTICIDES.
Claims use since Dec. 1, 1944.

502,594. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HOUSE OF BAUER, doing business as Bauer's, Lincoln, Nebr. Filed Aug. 11, 1947. Serial No. 531,006.

Bavarian

Mint

The word "Mint" is disclaimed apart from the mark shown in the drawing.
FOR CANDY.
Claims use since 1936.

502,595. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD R. LITTELL, doing business as Safe-Way Laboratories, Dayton, Ohio. Filed Mar. 16, 1948. Serial No. 534,161.

Professional

FOR INSECTICIDES.
Claims use since July 30, 1943.

502,596. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) SEIDLITZ PAINT & VARNISH CO., Kansas City, Mo. Filed June 1, 1948. Serial No. 536,162.

FILM-OFF

FOR LIQUID WAX, GREASE AND POLISH REMOVER.
Claims use since July 22, 1943.

502,597. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAVID E. OGLESBY, doing business as Oglesby Wholesale Co., Kinston, N. C. Filed July 13, 1948. Serial No. 541,170.

LIX-PAIN

FOR LINIMENT.
Claims use since June 1, 1945.

TRADE-MARK REGISTRATIONS RENEWED

21,900. "ALCOHOL DE MENTHE DE RICQLÈS" ETC. AND DESIGN. Registered Nov. 1, 1892. E. De Ricqlès & Cie., Lyons and Paris, France. Re-renewed Nov. 1, 1942 (as provided by P. L. 517, July 17, 1946), to Societe Anonyme De Ricqles, Saint Ouen (Seine), France, a corporation organized under the laws of the Republic of France. MINT-ALCOHOL. Class 6.

31,982. "ENAMELINE" ETC. AND DESIGN LINED FOR RED, YELLOW AND BLACK. Registered Sept. 20, 1898. J. L. Prescott & Co., New York, N. Y. Renewed Sept. 20, 1948, to J. L. Prescott Company, Passaic, N. J., a corporation of New Jersey. POLISH. Class 4.

65,207. CYCLONE. Registered Sept. 10, 1907. The Chisholm & Moore Manufacturing Company, Cleveland, Ohio. Re-renewed Sept. 10, 1947, to The Chisholm-Moore Hoist Corporation, Tonawanda, N. Y., a corporation of New York. HOISTS. Class 23.

68,717. TEXTINE. Registered Apr. 28, 1908. The American News Company. Re-renewed Apr. 28, 1948, to The American News Company, New York, N. Y., a corporation of Delaware. WRITING PAPER, WRITING TABLETS AND PADS AND ENVELOPES. Class 37.

69,228. J. C. CAMPBELL. Registered May 26, 1908. Kohler & Campbell. Re-renewed May 26, 1948, to Kohler & Campbell, Inc., New York, N. Y., a corporation of New York. PIANOS. Class 36.

69,872. VESTA. Registered July 14, 1908. Vesta Accumulator Company, Chicago, Ill. Re-renewed July 14, 1948, to National Battery Company, St. Paul, Minn., a corporation of Delaware. ELECTRICAL STORAGE BATTERIES. Class 21.

69,913. KLAXON. Registered July 14, 1908. The Lovell-McConnell Manufacturing Company, Newark, N. J. Re-renewed July 14, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. SIGNAL HORNS OR ALARMS. Class 23.

70,100. LA SYLPHE. Registered July 28, 1908. Julius Garfinkle. Re-renewed July 28, 1948, to Julius Garfinkel & Co., Incorporated, Washington, D. C., a corporation of Virginia. CORSETS. Class 39.

70,228. SIRENO. Registered Aug. 11, 1908. The Sireno Company. Re-renewed Aug. 11, 1948, to The Sireno Company, Inc., New York, N. Y., a corporation of New York. MECHANICAL ALARM-WHISTLES. Class 23.

70,339. B. S. A. Registered Aug. 25, 1908. The Birmingham Small Arms Company Limited, Small Heath, Birmingham, England, a corporation organized under the laws of Great Britain. Re-renewed Aug. 25, 1948. MILLING MACHINES, CHUCKS AND CHUCK ATTACHMENTS, MACHINERY-CLUTCHES, ENGRAVING-MACHINES, ETC. Class 23.

70,855. DURHAM DUPLEX. Registered Oct. 13, 1908. Durham Safety Razor Co., New York, N. Y. Re-renewed Oct. 13, 1948, to Durham Enders Razor Corporation, Mystic, Conn., a corporation of New York. RAZORS. Class 23.

70,885. REPRESENTATION OF HANDKERCHIEF AND BACKGROUND DESIGN. Registered Oct. 13, 1908. The International Manufacturing Co. Re-renewed Oct. 13, 1948, to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York. HANDKERCHIEFS. Class 39.

70,886. "SEALPACKERCHIEF" ETC. AND DESIGN. Registered Oct. 13, 1908. The International Manufacturing Co. Re-renewed Oct. 13, 1948, to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York. HANDKERCHIEFS. Class 39.

71,197. REPRESENTATION OF THE HUMAN EYE. Registered Nov. 10, 1908. American Cystoscope Makers, Inc., New York, N. Y., a corporation of New York. Re-renewed Nov. 10, 1948. ELECTRICALLY-LIGHTED DIAGNOSTIC INSTRUMENTS, COMPRISING ENDOSCOPES, CYSTOSCOPES, ETC. Class 44.

71,585. MONITOR. Registered Dec. 1, 1908. The American Steel & Wire Company of New Jersey, Worcester, Mass. Re-renewed Dec. 1, 1948, to The American Steel and Wire Company of New Jersey, Cleveland, Ohio, a corporation of New Jersey. WIRE ROPE AND CABLES. Class 7.

71,834. "PARAGON" ENCLOSED BY DIAMOND-SHAPED DESIGN. Registered Dec. 15, 1908. The Paragon Company. Re-renewed Dec. 15, 1948, to Publix Shirt Corporation, New York, N. Y., a corporation of New York. NIGHT-SHIRTS, PAJAMAS, AND SMOKING-JACKETS. Class 39.

71,966. TRUE BLUE. Registered Dec. 22, 1908. The International Manufacturing Co. Re-renewed Dec. 22, 1948, to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York. HANDKERCHIEFS. Class 39.

71,967. BANNER. Registered Dec. 22, 1908. The International Manufacturing Co. Re-renewed Dec. 22, 1948, to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York. HANDKERCHIEFS. Class 39.

72,214. "MEADOWBROOK" AND BACKGROUND DESIGN. Registered Jan. 12, 1909. Borden's Condensed Milk Company. Re-renewed Jan. 12, 1949, to The Borden Company, New York, N. Y., a corporation of New Jersey. CONDENSED MILK. Class 46.

142,139. ATOQUINOL. Registered May 3, 1921. Society of Chemical Industry in Basle. Renewed May 3, 1941 (as provided by P. L. 517, July 17, 1946), to Ciba Limited, of Basel, Switzerland, a corporation organized under the laws of Switzerland. PHARMACEUTICAL PREPARATIONS—NAMELY, PATENT MEDICINES TO BE USED AS ANTI-ARTHRITICS, ANALGESICS, ANTIPYRETICS, ETC. Class 6.

164,795. DE-NO-FA. Registered Feb. 27, 1923. De Nordiske Fabriker, De. No. Fa. Aktieselskap, Christiania, Norway. Renewed Feb. 27, 1943 (as provided by P. L. 517, July 17, 1946), to De Nordiske Fabriker De. No. Fa. Aktieselskap, Oslo, Norway, a joint stock company registered under the laws of the Kingdom of Norway. EATABLE FATS AND OILS. Class 46.

182,555. "AD LE CARBONE" AND DRAWING. Registered Apr. 15, 1924. Société Anonyme Le Carbone, Levallois-Perret, France. Renewed Apr. 15, 1944 (as provided by P. L. 517, July 17, 1946), to Societe Le Carbone-Lorraine, Paris, France, a joint stock company of France. ELECTRIC CELLS. Class 21.

196,235. MARGARIT. Registered Mar. 10, 1925. De Nordiske Fabriker De-No-Fa Aktieselskab, Christianis, Norway. Renewed Mar. 10, 1945 (as provided by P. L. 517, July 17, 1946), to De Nordiske Fabriker De. No. Fa. Aktieselskap, Oslo, Norway, a joint stock company registered under the laws of the Kingdom of Norway. EATABLE FATS AND OILS. Class 46.

224,568. REPRESENTATION OF MAN ON ROOF. Registered Mar. 1, 1927. Société Française de l'Everite, La Plaine St.-Denis, France. Renewed Mar. 1, 1947, to Societe Reunies Everite-Sitube Produits en Amiante, Ciment et en Beton, Paris, France, a joint stock company organized under the laws of the Republic of France. SLATES, TILES, PLATES, CORRUGATED PLATES, PAVING BRICKS, FLAGSTONES OF ARTIFICIAL MATERIAL USED FOR CEILINGS, WALLS, AND COVERINGS. Class 12.

224,569. REPRESENTATION OF MAN ON ROOF. Registered Mar. 1, 1927. Société Française de l'Everite, La Plaine St.-Denis, France. Renewed Mar. 1, 1947, to Societe Reunies Everite-Sitube Produits en Amiante, Ciment et en Beton, Paris, France, a joint stock company organized under the laws of the Republic of France. SLATES, TILES, PLATES, CORRUGATED PLATES, PAVING BRICKS, FLAGSTONES OF ARTIFICIAL MATERIAL USED FOR CEILINGS, WALLS, AND COVERINGS. Class 12.

224,570. EVERITE. Registered Mar. 1, 1927. Société Française de l'Everite, La Plaine St.-Denis, France. Renewed Mar. 1, 1947, to Societe Reunies Everite-Sitube Produits en Amiante, Ciment et en Beton, Paris, France, a joint stock company organized under the laws of the Republic of France. SLATES, TILES, PLATES, CORRUGATED PLATES, PAVING BRICKS, FLAGSTONES OF ARTIFICIAL MATERIAL USED FOR CEILINGS, WALLS, AND COVERINGS. Class 12.

225,557. ADONIS. Registered Mar. 22, 1927. F. Ducharne Silk Co., Inc., New York, N. Y., a corporation of New York. Renewed Mar. 22, 1947. VELVET PIECE GOODS OF SILK AND RAYON. Class 42.

235,237. "MARTHA WASHINGTON" AND DESIGN. Registered Nov. 15, 1927. Joannes Brothers Company, Green Bay, Wis., a corporation of Wisconsin. Renewed Nov. 15, 1947. CANNED VEGETABLES, CANNED FRUITS, CANNED MILK, CANNED FISH, BRICK CHEESE, TWIN CHEESE, BUTTER, BOUILLON CUBES, HORSE-RADISH, HONEY, PEANUT BUTTER, FRUIT JELLIES, FRUIT PRESERVES, OLIVE OIL, OLIVES, PICKLES, CHILI SAUCE, POWDERED SUGAR, SALAD DRESSING, TOMATO CATCHUP, CULINARY SEEDS, MAPLE SIRUP, CORNSTARCH FOR FOOD PURPOSES, MARSHMALLOW TOPPING, VINEGAR, CANNED SOUPS, YELLOW-MUSTARD SEED, MINCEMEAT, JELLY POWDER, VERMICELLI, PLAIN BUCKWHEAT FLOUR, SELF-RISING WHOLE-WHEAT PANCAKE FLOUR, SELF-RISING BUCKWHEAT PANCAKE FLOUR, CORN-MEAL, WHOLE-WHEAT FLOUR, WHITE RYE FLOUR, WHEAT GRAHAM FLOUR, AND CORN FLAKES. Class 46.

238,023. "LAND O' LAKES" AND DRAWING. Registered Jan. 24, 1928. Land O' Lakes Creameries, Inc., Minneapolis, Minn., a corporation of Minnesota. Renewed Jan. 24, 1948. MALTED MILK AND CHOCOLATE MALTED MILK. Class 46.

241,181. "DW" AND DESIGN. Registered Apr. 17, 1928. The H. C. Godman Company, Columbus, Ohio, a corporation of Ohio. Renewed Apr. 17, 1948. SHOES CONSTRUCTED OF LEATHER. Class 39.

241,191. KEN-WEL. Registered Apr. 17, 1928. Ken-Wel Sporting Goods Co., Inc., Utica, N. Y., a corporation of New York. Renewed Apr. 17, 1948. ATHLETIC AND SPORTING GOODS—NAMELY, BASEBALL GLOVES AND MITTS, BASEBALL BASES, BOXING GLOVES, HANDBALL GLOVES, ETC. Class 22.

241,791. PEN-CO-NAP. Registered May 8, 1928. J. C Penney Company, Wilmington, Del., and New York, N. Y. Renewed May 8, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. WOMEN'S SANITARY NAPKINS. Class 44.

241,977. CREAM O' GOLD. Registered May 8, 1928. Golden State Milk Products Company. Renewed May 8, 1948, to Golden State Company, Ltd., San Francisco, Calif., a corporation of Delaware. BUTTER. Class 46.

241,990. RUG-STA. Registered May 8, 1928. Cambridge Rubber Company, Cambridge, Mass. Renewed May 8, 1948, to Boyle-Midway Inc., Jersey City, N. J., a corporation of Delaware. LIQUID ADHESIVE COMPOUND FOR APPLICATION TO RUGS, MATS, AND OTHER FLOOR COVERINGS TO PREVENT SLIPPING. Class 5.

242,178. PENIMAID. Registered May 15, 1928. J. C. Penney Company, Wilmington, Del., and New York, N. Y. Renewed May 15, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. SILVER POLISH. Class 4.

242,213. "HIPPO SIZE SODA WATER" ETC. AND DRAWING. Registered May 15, 1928. Lewis Williams Alexander. Renewed May 15, 1948, to Alamo Bottling Works, Inc., San Antonio, Tex., a corporation of Texas. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS, EXTRACTS, AND CONCENTRATES FOR MAKING THE SAME. Class 45.

242,227. "SWEETARTS" ETC. AND DESIGN. Registered May 15, 1928. Sweetarts Company, Dundee, Oreg. Renewed May 15, 1948, to Sweetarts, Portland, Oreg., a corporation of Oregon. DRIED PRUNES. Class 46.

242,297. USA-COTE. Registered May 22, 1928. Lehman Bros., Inc. Renewed May 22, 1948, to Lehman Bros. Corp., Jersey City, N. J., a corporation of New Jersey. DRY, READY-MIXED, AND PASTE PAINTS, PAINT ENAMELS, VARNISHES, PREPARED SHELLACS, AND WATERPROOFING PAINTS. Class 16.

242,599. HIGH HAT. Registered May 29, 1928. Geo. L. Dinjian, Fresno, Calif. Renewed May 29, 1948, to T. M. Parks, Lompoc, Calif. LEMONS, GRAPEFRUIT; FRESH FRUITS—NAMELY, GRAPES, APPLES, ORANGES, ETC. Class 46.

243,214. SHIELD-GO. Registered June 12, 1928. William Nelson, Monrovia, Calif. Renewed June 12, 1948, to Joseph Kelsey Hall, Los Angeles, Calif. PREPARATION FOR TREATMENT TO RELIEVE EXCESSIVE PERSPIRATION. Class 6.

243,330. CROMOVAN. Registered June 19, 1928. Firth-Sterling Steel Company. Renewed June 19, 1948, to Firth Sterling Steel & Carbide Corporation, McKeesport, Pa., a corporation of Pennsylvania. STEEL BARS OF VARIOUS SHAPES AND SIZES AND ON FORGINGS, BLOCKS, DISCS, AND PIECES OF STEEL. Class 14.

243,930. MAYCREST. Registered July 3, 1928. Haas, Baruch & Co., Los Angeles, Calif., a corporation of California. Renewed July 3, 1948. CANNED FISH, CANNED FRUITS, CANNED VEGETABLES, TOMATO CATSUP, AND COFFEE. Class 46.

244,065. CHEF-LEO. Registered July 10, 1928. Steele-Wedeles Company, Chicago, Ill., a corporation of Illinois. Renewed July 10, 1948. SAUCE BORDELAISE, SAUCE NEWBERG, ETC. Class 46.

244,074. TRUEWORTH. Registered July 10, 1928. Roanoke Mills Company, Roanoke Rapids, N. C., a corporation of North Carolina. Renewed July 10, 1948. WOVEN COTTON FABRICS—NAMELY, COTTON FLANNELS. Class 42.

244,091. "SWANS DOWN" ETC. AND CARTON DESIGN LINED FOR RED, YELLOW AND BLUE. Registered July 10, 1928. Igleheart Brothers, Incorporated, Evansville, Ind., a corporation of Delaware. Renewed July 10, 1948. CAKE FLOUR. Class 46.

244,109. TRUPONTICS. Registered July 10, 1928. The Columbus Dental Manufacturing Co., Columbus, Ohio, a corporation of Ohio. Renewed July 10, 1948. ARTIFICIAL TEETH, TOOTH FACINGS, AND TOOTH BACKINGS. Class 44.

244,145. ACTEROL. Registered July 10, 1928. Mead Johnson & Company, Evansville, Ind., a corporation of Indiana. Renewed July 10, 1948. ACTIVATED ERGOSTEROL, AN ANTIRACHITIC SUBSTANCE CONTAINING VITAMIN D. Class 6.

244,225. MARIE EARLE. Registered July 17, 1928. Marie Earle, Inc. Renewed July 17, 1948, to Coty, Inc., New York, N. Y., a corporation of Delaware. SOAP. Class 4.

244,229. "DT" AND BACKGROUND DESIGN. Registered July 17, 1928. D. T. Products Co., East McKeesport, Pa. Renewed July 17, 1948, to John N. Beck, McKeesport, Pa. LIQUID SOAP OR SOAP PASTE. Class 4.

244,244. KASHMIRALDA. Registered July 17, 1928. Forstmann & Huffmann Company. Renewed July 17, 1948, to Forstmann Woolen Company, Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

244,275. ALTIVA. Registered July 17, 1928. Forstmann & Huffmann Company. Renewed July 17, 1948, to Forstmann Woolen Company, Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

244,332. HAKONA. Registered July 17, 1928. Forstmann & Huffmann Company. Renewed July 17, 1948, to Forstmann Woolen Company, Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

244,335. VALDEEMA. Registered July 17, 1928. Forstmann & Huffmann Company. Renewed July 17, 1948, to Forstmann Woolen Company, Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

244,392. TERNSTEDT. Registered July 17, 1928. Ternstedt Manufacturing Company. Renewed July 17, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. AUTOMOBILE BODY HARDWARE—NAMELY, DOORCHECKS, STRAP HINGES, REAR DECK HINGES, ETC. Class 13.

244,393. TERNSTEDT. Registered July 17, 1928. Ternstedt Manufacturing Company. Renewed July 17, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. AUTOMOBILE BODY HARDWARE—NAMELY, WINDOW REGULATORS AND PARTS THEREOF, CURTAIN ROLLERS AND PARTS THEREOF, DOOR BUMPERS AND DOOR DOVETAILS, ETC. Class 19.

244,555. TERNSTEDT. Registered July 24, 1928. Ternstedt Manufacturing Company. Renewed July 24, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. AUTOMOBILE BODY HARDWARE—NAMELY, CHANNEL AND SHAPES AND DIE CASTINGS. Class 14.

244,556. TERNSTEDT. Registered July 24, 1928. Ternstedt Manufacturing Company. Renewed July 24, 1948, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. AUTOMOBILE ELECTRIC DOME LIGHTS AND ELECTRIC CORNER LIGHTS. Class 21.

244,574. SEARCHLIGHT. Registered July 24, 1928. New England Fish Company, Seattle, Wash., a corporation of Maine. Renewed July 24, 1948. CANNED SALMON. Class 46.

244,634. SWANK. Registered July 24, 1928. The Baer & Wilde Co. Renewed July 24, 1948, to Swank, Inc., Attleboro, Mass., a corporation of Delaware. COLLAR HOLDERS FORMED WHOLLY OR IN PART OF PRECIOUS METAL. Class 28.

244,645. "CUPID'S BREATH" AND RECTANGULAR DESIGN LINED FOR YELLOW. Registered July 24, 1928. Florence N. Lewis, doing business as Elizabeth Arden. Renewed July 24, 1948, to Elizabeth Arden Sales Corporation, New York, N. Y., a corporation of Delaware. PERFUMES AND TOILET WATERS. Class 6.

244,674. "W" AND DESIGN. Registered July 24, 1928. Morris Waslikoff, New York, N. Y. Renewed July 24, 1948. ARTICLES OF JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES. Class 28.

244,751. "TOPCO" AND DESIGN. Registered July 24, 1928. Walter Marvin, doing business as Templar Oil Products Co. Renewed July 24, 1948, to Templar Oil Products Co., Incorporated, Brooklyn, N. Y., a corporation of New York. ADHESIVE CEMENTS FOR RUBBER TILE, LINOLEUM, AND SIMILAR USES. Class 5.

244,854. PEN-RAY. Registered July 31, 1928. Robinson & Golluber. Renewed July 31, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. PIECE GOODS OF COTTON, RAYON, AND ALPACA AND COMBINATIONS OF THE SAME. Class 42.

244,982. FAIREENA. Registered July 31, 1928. Forstmann & Huffmann Company. Renewed July 31, 1948, to Forstmann Woolen Company, Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

245,095. SKYSCRAPER. Registered Aug. 7, 1928. Hanes Hosiery Mills Company, Winston-Salem, N. C. Renewed Aug. 7, 1948, to Robern Shoe Manufacturing Corporation, New York, N. Y., a corporation of New York. HOSIERY. Class 39.

245,099. "OLDSMOBILE" ENCLOSED BY OVAL DESIGN. Registered Aug. 7, 1928. General Motors Corporation, Detroit, Mich., a corporation of Delaware. Renewed Aug. 7, 1948. AUTOMOBILES AND MOTOR-DRIVEN TRUCKS AND CONSTRUCTIVE PARTS THEREOF. Class 19.

245,125. QUEEN. Registered Aug. 7, 1928. Columbian Enameling & Stamping Co. Renewed Aug. 7, 1948, to Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind., a corporation of Indiana. BEDPANS. Class 44.

245,212. CLASSMATES. Registered Aug. 7, 1928. Ideal Shoe Mfg. Co. Renewed Aug. 7, 1948, to Mid-States Shoe Company, Milwaukee, Wis., a corporation of Wisconsin. SHOES MADE OF LEATHER, RUBBER, OR FABRIC OR COMBINATIONS OF SUCH MATERIALS. Class 39.

245,236. "BOLIVAR" AND DRAWING. Registered Aug. 7, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Aug. 7, 1948. MEN'S OVERCOATS. Class 39.

245,274. WHIZZER. Registered Aug. 7, 1928. North & Judd Manufacturing Company, New Britain, Conn. Renewed Aug. 7, 1948, to Talon, Inc., Meadville, Pa., a corporation of Pennsylvania. SLIDER-CONTROLLED FASTENERS. Class 13.

245,292. "F S THE FRENCH SHOPPE" ETC. AND DESIGN. Registered Aug. 7, 1928. James O. Steele, doing business as The French Shoppe, Atlanta, Ga. Renewed Aug. 7, 1948, to The H. C. Godman Company, Columbus, Ohio, a corporation of Ohio. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER, CLOTH, AND CANVAS. Class 39.

245,368. ELYNOR. Registered Aug. 14, 1928. McGreevey, Werring & Howell, Inc., New York, N. Y., a corporation of New York. Renewed Aug. 14, 1948. LADIES' KNITTED UNDERWEAR, SHOES OF RUBBER, HOSIERY, SWEATERS AND SCARFS, HATS, ETC. Class 39.

245,404. FIXAVON. Registered Aug. 14, 1928. Arnold Louis van Ameringen. Renewed Aug. 14, 1948, to van Ameringen-Haebler, Inc., New York, N. Y., a corporation of New York. PERFUMES, ESSENCES OF PERFUMES, ESSENCES FOR PERFUMERY MATERIALS, AROMATIC MATERIALS, ETC. Class 6.

245,502. SAPAMIN. Registered Aug. 14, 1928. Society of Chemical Industry in Basle. Renewed Aug. 14, 1948, to Ciba Limited, Basel, Switzerland, a corporation organized under the laws of Switzerland. CHEMICAL PRODUCT USED AS A CARBONIZATION OR WETTING AGENT AND FOR ACID FULLING AND FOR DYEING. Class 6.

245,508. "DODGE" AND DIAMOND DESIGN. Registered Aug. 14, 1928. Dodge Manufacturing Corporation, Mishawaka, Ind., and Oneida, N. Y. Renewed Aug. 14, 1948, to Dodge Manufacturing Corporation, Mishawaka, Ind., a corporation of Indiana. STEEL, IRON, BRASS, ALLOY AND COMPOSITION METAL CASTINGS. Class 14.

245,668. PENIMAID. Registered Aug. 21, 1928. J. C. Penney Company, Wilmington, Del., and New York, N. Y. Renewed Aug. 21, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. IRONING-BOARD COVERS AND PADS. Class 24.

245,918. PENIMAID. Registered Aug. 28, 1928. J. C. Penney Company, Wilmington, Del., and New York, N. Y. Renewed Aug. 28, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. BIAS TAPE (ALL KINDS), CAMISOLE TAPE, COLLAR BANDS, DRESS SHIELDS, BOBBED-HAIR PINS OTHER THAN THOSE MADE OF PRECIOUS METALS, ETC. Class 40.

246,024. REPRESENTATION OF A GIRL. Registered Aug. 28, 1928. J. C. Penney Company, Wilmington, Del., and New York, N. Y. Renewed Aug. 28, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. BIAS TAPE (ALL KINDS), CAMISOLE TAPE, COLLAR BANDS, DRESS SHIELDS, BOBBED-HAIR PINS (NOT MADE OF PRECIOUS METAL), ETC. Class 40.

246,182. ELECTRO-MATIC. Registered Sept. 4, 1928. Ward-Love Pump Corporation, Rockford, Ill. Renewed Sept. 4, 1948, to The Permutit Company, New York, N. Y., a corporation of Delaware. WATER-SOFTENING APPARATUS AND PARTS THEREFOR. Class 23.

246,318. "BLACK HAWK", REPRESENTATION OF INDIAN HEAD AND DESIGN. Registered Sept. 4, 1928. Ideal Shoe Mfg. Co. Renewed Sept. 4, 1948, to Mid-States Shoe Company, Milwaukee, Wis., a corporation of Wisconsin. LEATHER SHOES. Class 39.

246,387. "ST. MARGARET" AND DRAWING. Registered Sept. 4, 1928. N. Corah & Sons Limited, Leicester, England, a corporation organized under the laws of Great Britain. Renewed Sept. 4, 1948. HOSIERY, UNDERSHIRTS, PANTS, COMBINATION SHIRT AND PANTS, UNDERDRAWERS, UNION SUITS, ETC. Class 39.

246,638. EDITH CAVELL. Registered Sept. 11, 1928. Jacobs Brothers, Incorporated, Baltimore, Md., a corporation of Maryland. Renewed Sept. 11, 1948. NURSES' UNIFORMS OF ALL DESCRIPTIONS AND WOMEN'S, CHILDREN'S, AND MISSES' DRESSES AND APRONS. Class 39.

246,858. HIGHLAND CLOUD. Registered Sept. 18, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Sept. 18, 1948. MEN'S TOPCOATS AND OVERCOATS. Class 39.

246,938. IRON DUKE. Registered Sept. 18, 1928. Day's Tailor-D Wear, Inc. Renewed Sept. 18, 1948, to Day's Tailor-D Clothing, Inc., Tacoma, Wash., a corporation of Washington. TROUSERS. Class 39.

247,157. CELOWAX. Registered Sept. 18, 1928. The Warren Manufacturing Company, Riegelsville, N. J., and New York, N. Y. Renewed Sept. 18, 1948, to Riegel Paper Corporation, New York, N. Y., a corporation of New Jersey. WAXED WRAPPING PAPER AND WAXED PAPER FOR LINING CARTONS AND BOXES. Class 37.

247,217. ZARA. Registered Sept. 25, 1928. Tur Hermanos, Richmond, Va., and New York, N. Y. Renewed Sept. 25, 1948, to Tur Hermanos, Richmond, Va., a firm. LICORICE IN STICK, TABLET, AND PEARL FORM. Class 6.

247,365. DAMASCUS. Registered Sept. 25, 1928. Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut. Renewed Sept. 25, 1948. COMMON AND SAFETY PINS. Class 40.

247,452. REPRESENTATION OF A FOOT AND ARCH IN FOOT. Registered Sept. 25, 1928. Arrowsmith Manufacturing Company, New York, N. Y. Renewed Sept. 25, 1948, to Arrowsmith Manufacturing Co., Inc., Chicago, Ill., a corporation of New York. SUPPORTS FOR THE ARCHES AND OTHER PARTS OF THE FEET. Class 44.

247,541. "GEMCO". Registered Oct. 2, 1928. Gem-Dandy Garter Co. Renewed Oct. 2, 1948, to Gem-Dandy, Inc., Madison, N. C., a corporation of North Carolina. GARTERS, ARM BANDS, AND SUSPENDERS. Class 39.

247,632. MARIE EARLE. Registered Oct. 2, 1928. Marie Earle, Inc. Renewed Oct. 2, 1948, to Coty, Inc., New York, N. Y., a corporation of Delaware. SALVE, TONIC, AND LOTION FOR APPLICATION TO AND TREATMENT OF THE SKIN, ETC. Class 6.

247,636. "SLOAN'S" ETC. PORTRAIT AND LABEL DESIGN. Registered Oct. 2, 1928. Dr. Earl S. Sloan Incorporated, Wilmington, Del., New York, N. Y., and St. Louis, Mo. Renewed Oct. 2, 1948, to Standard Laboratories, Inc., New York, N. Y., a corporation of Delaware. LINIMENT USED IN THE TREATMENT OF MUSCULAR RHEUMATISM, LUMBAGO, BRONCHIAL COUGH, AND OTHER NAMED AILMENTS. Class 6.

247,886. "MARIE EARLE" ETC. AND DESIGN. Registered Oct 9, 1928. Marie Earle, Inc. Renewed Oct. 9, 1948, to Coty, Inc., New York, N. Y., a corporation of Delaware. TOILET SOAPS. Class 4.

248,095. OCCY-CRYSTINE. Registered Oct. 16, 1928. Occy-Crystine Corporation, New York, N. Y. Renewed Oct. 16, 1948, to The Occy-Crystine Corporation, Salisbury, Conn., and New York, N. Y., a corporation of Connecticut. PROPRIETARY MEDICINE AND A SALINE CATHARTIC, HYDROGOGUE IN CHARACTER. Class 6.

248,241. SCHUMITE. Registered Oct. 16, 1928. Schumacher Wall Board Corporation, Los Angeles, Calif. Renewed Oct. 16, 1948, to The Paraffine Companies, Inc., San Francisco, Calif., a corporation of Delaware. CONSTRUCTION MATERIAL — NAMELY, WALL BOARD, PLASTER BOARD, ETC. Class 12.

248,283. NORM JOINT PASTE. Registered Oct. 16, 1928. Walter R. Thurston, doing business as Norm Manufacturing Co. Renewed Oct. 16, 1948, to Althea C. Thurston, Los Angeles, Calif. JOINT PASTE. Class 12.

248,455. ALFOAM, Registered Oct. 23, 1928. American-La France and Foamite Corporation, Elmira and New York, N. Y. Renewed Oct. 23, 1948, to American-La France-Foamite Corporation, Elmira, N. Y., a corporation of New York. HAND OPERATED, PORTABLE, AND STATIONARY FIRE-EXTINGUISHING APPARATUS AND PARTS THEREOF. Class 23.

248,488. PAUL REVERE. Registered Oct. 23, 1928. Orange Mutual Citrus Association. Renewed Oct. 23, 1948, to Orange Cooperative Citrus Association, Orange, Calif., a corporation of California. FRESH CITRUS FRUITS. Class 46.

248,633. REPRESENTATION OF A WOMAN'S HEAD AND CIRCULAR BACKGROUND LINED FOR RED. Registered Oct. 23, 1928. Federal Cigar Company, Inc., Red Lion, Pa., a corporation of Pennsylvania. Renewed Oct. 23, 1948. CIGARS. Class 17.

249,004. "MARIE EARLE" ETC. AND DESIGN. Registered Nov. 6, 1928. Marie Earle, Inc. Renewed Nov. 6, 1948, to Coty, Inc., New York, N. Y., a corporation of Delaware. FACE POWDER, DUSTING POWDER, PERFUME AND FACE TISSUES OF PAPER FOR CLEANSING THE SKIN. Classes 6 and 37.

249,013. QUIKO. Registered Nov. 6, 1928. Flako Products Corporation, New Brunswick, N. J., a corporation of New Jersey. Renewed Nov. 6, 1948. PREPARED FLOUR FOR BISCUITS AND SHORTCAKE. Class 46.

249,039. ART CRAFT. Registered Nov. 6, 1928. S. Liebovitz & Sons, Inc. Renewed Nov. 6, 1948, to Publix Shirt Corporation, New York, N. Y., a corporation of New York. NEGLIGEE AND DRESS SHIRTS, BLOUSES, AND PAJAMAS FOR MEN, YOUTHS, AND BOYS. Class 39.

249,079. "UTICA CLUB" ETC. AND DESIGN LINED FOR RED. Registered Nov. 6, 1928. The West End Brewing Co., Utica, N. Y., a corporation of New York. Renewed Nov. 6, 1948. NONALCOHOLIC, CEREAL, MALT BEVERAGES. Class 48.

249,499. GOSSARD SOLITAIRE. Registered Nov. 13, 1928. The H. W. Gossard Co., now by change of name Associated Apparel Industries, Inc. Renewed Nov. 13, 1948, to The H. W. Gossard Co., Chicago, Ill., a corporation of Illinois. WOMEN'S COMBINATION UNDERGARMENTS IN THE NATURE OF CORSETS. Class 39.

249,592. "MACMILLAN" ETC. AND DESIGN. Registered Nov. 20, 1928. Macmillan Petroleum Producta Company. Renewed Nov. 20, 1948, to Macmillan Petroleum Corporation, Los Angeles, Calif., a corporation of Delaware. KEROSENE, GASOLINE, NAPTHA, MOTOR-LUBRICATING OIL, FUEL OIL, LUBRICATING GREASE. Class 15.

249,644. LE PIRATE. Registered Nov. 20, 1928. Lentheric Incorporated, New York, N. Y., a corporation of New York. Renewed Nov. 20, 1948. PERFUMES, TOILET WATER, FACE POWDER, AND TALCUM POWDER. Class 6.

249,658. "I. MILLER" ENCLOSED BY OVAL DESIGN. Registered Nov. 20, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Nov. 20, 1948. CANES, PARASOLS, AND UMBRELLAS. Class 41.

249,662. "SOLA SALAMI BRAND" ENCLOSED BY CIRCULAR DESIGN. Registered Nov. 20, 1928. Otto Roth & Co. Inc., New York, N. Y., a corporation of New York. Renewed Nov. 20, 1948. DRIED SAUSAGE. Class 46.

249,663. "ORO SALAMI BRAND" ENCLOSED BY CIRCULAR DESIGN. Registered Nov. 20, 1928. Otto Roth & Co. Inc., New York, N. Y., a corporation of New York. Renewed Nov. 20, 1948. DRIED SAUSAGE. Class 46.

249,664. "STAG SALAMI BRAND" ENCLOSED BY CIRCULAR DESIGN. Registered Nov. 20, 1928. Otto Roth & Co. Inc., New York, N. Y., a corporation of New York. Renewed Nov. 20, 1948. DRIED SAUSAGE. Class 46.

249,724. "DAY'S TAILOR-D WEAR" AND DRAWING. Registered Nov. 20, 1928. Day's Tailor-D Wear, Inc. Renewed Nov. 20, 1948, to Day's Tailor-D Clothing, Inc., Tacoma, Wash., a corporation of Washington. TROUSERS, SUITS, KNICKERS, BREECHES FOR MEN AND BOYS. Class 39.

249,754. NIVEA. Registered Nov. 20, 1928. P. Beiersdorf & Co. Inc., New York, N. Y. Renewed Nov. 20, 1948, to P. Beiersdorf & Co. Inc., Stamford, Conn., and New York, N. Y., a corporation of New York. TOILET CREAM. Class 6.

249,761. RAILWAY AGE. Registered Nov. 20, 1928. Simmons-Boardman Publishing Co. Renewed Nov. 20, 1948, to Simmons-Boardman Publishing Corp., New York, N. Y., a corporation of Delaware. PERIODICAL. Class 38.

249,782. "A. R. P. CO." ENCLOSED BY DIAMOND DESIGN. Registered Nov. 20, 1928. Archer Rubber Products Co. Inc., New York, N. Y., a corporation of New York. Renewed Nov. 20, 1948. MATS AND FLOOR COVERING MADE PRINCIPALLY OF RUBBER HAVING A FABRIC CASE. Class 20.

249,997. JEWEL. Registered Nov. 27, 1928. Federal Distributing Company, Newark, N. J. Renewed Nov. 27, 1948, to Jewel Products, Inc., Bloomfield, N. J., a corporation of New Jersey. INCANDESCENT LAMPS. Class 21.

250,015. "R" ETC. ENCLOSED BY OVAL-SHAPED DESIGN. Registered Nov. 27, 1928. Ritter Dental Manufacturing Company, Inc. Renewed Nov. 27, 1948, to Ritter Company, Inc., Rochester, N. Y., a corporation of Delaware. DENTAL APPLIANCE ASSEMBLIES SOLD AS UNITS—NAMELY, FOUNTAIN CUSPIDORS, ATOMIZERS, WATER HEATERS, ETC. Class 44.

250,016. TRI-DENT. Registered Nov. 27, 1928. Ritter Dental Manufacturing Company, Inc. Renewed Nov. 27, 1948, to Ritter Company, Inc., Rochester, N. Y., a corporation of Delaware. DENTAL APPLIANCE ASSEMBLIES SOLD AS UNITS—NAMELY, FOUNTAIN CUSPIDORS, ATOMIZERS, WATER-HEATERS, ETC. Class 44.

250,113. "TALON" ETC. WITH REPRESENTATION OF EAGLE AND GLOBE. Registered Nov. 27, 1928. Hookless Fastener Company. Renewed Nov. 27, 1948, to Talon, Inc., Meadville, Pa., a corporation of Pennsylvania. SEPARABLE FASTENERS OF THE SLIDER-CONTROLLED TYPE. Class 13.

250,286. BRITONIAN. Registered Dec. 4, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Dec. 4, 1948. MEN'S SUITS CONSISTING OF COAT, VEST, AND TROUSERS. Class 39.

250,578. SEA BREEZE. Registered Dec. 11, 1928. Carpinteria Mutual Citrus Association, Carpinteria, Calif., a corporation of California. Renewed Dec. 11, 1948. FRESH CITRUS FRUITS. Class 46.

250,633. ELASTOPLAST. Registered Dec. 11, 1928. Lüscher & Bömper A.-G., Fahr, Germany. Renewed Dec. 11, 1948, to P. Beiersdorf & Co. Inc., Stamford, Conn., and New York, N. Y., a corporation of New York. PLASTER BANDAGES. Class 44.

250,660. ZODIAC. Registered Dec. 11, 1928. Worumbo Manufacturing Company, Bath, Maine. Renewed Dec. 11, 1948, to Worumbo Manufacturing Company, Lisbon Falls, Maine, a corporation of Maine. WOOLEN GOODS IN THE PIECE. Class 42.

250,663. "I. MILLER" ENCLOSED BY OVAL DESIGN. Registered Dec. 11, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Dec. 11, 1948. COMPACT POWDERS AND COMPACT ROUGES, LIP STICKS, EYEBROW PENCILS, LIQUID FACE POWDER, ETC. Class 6.

251,048. MONOGRAM "WM" AND SHIELD DESIGN. Registered Dec. 25, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Dec. 25, 1948. MEN'S SUITS COMPRISING COATS, VESTS, TROUSERS, AND KNICKERS AND MEN'S TOPCOATS AND OVERCOATS. Class 39.

251,049. "WALTER MORTON" ETC. AND REPRESENTATION OF A SHIELD AND RECTANGULAR DESIGN. Registered Dec. 25, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Dec. 25, 1948. MEN'S SUITS COMPRISING COATS, VESTS, TROUSERS, AND KNICKERS AND MEN'S TOP COATS AND OVERCOATS. Class 39.

251,113. CHARM. Registered Dec. 25, 1928. S. Blechman & Sons, Inc., New York, N. Y., a corporation of New York. Renewed Dec. 25, 1948. CHILDREN'S CAPS, WOVEN AND KNITTED, SILK, COTTON, WOOL AND MIXED; BOUDOIR CAPS, WOVEN AND KNITTED; ETC. Class 39.

251,150. "AIR-O-ACE" AND DESIGN. Registered Jan. 1, 1929. Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York. Renewed Jan. 1, 1949. LEATHER COATS, LEATHER VESTS, LEATHER HELMETS AND CAPS FOR MEN, WOMEN, AND CHILDREN, AND LEATHER TROUSERS FOR MEN; ETC. Class 39.

251,214. "CRYSTAL BLANCO" ETC. AND DESIGN. Registered Jan. 1, 1929. The Palmolive Peet Company, Chicago, Ill., now by change of name Colgate-Palmolive-Peet Company. Renewed Jan. 1, 1949, to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware. SOAP. Class 4.

251,571. CAMEO. Registered Jan. 8, 1929. The Springfield Leather Products Company, Springfield, Ohio, a corporation of Ohio. Renewed Jan. 8, 1949. CIGARETTE CASES. Class 8.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

250,884. DEMONSTRATOR AND DESIGN. Registered Dec. 18, 1928. Albers Bros. Milling Co., San Francisco, Calif. CAKE AND PASTRY FLOUR. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "California" should be *Oregon*.

287,189. WRIGHT ARCH PRESERVER SHOE. Registered Sept. 15, 1931. E. T. Wright & Company, Inc., Rockland, Mass. MEN'S AND BOYS' LEATHER AND CANVAS BOOTS AND SHOES. Class 39. Amended as follows: In the statement, column 2, lines 5 to 7, "by stamping the same on the sole, printing on the inside of the top facing and heel pod of the shoe, and" is deleted; and in line 11, "Shoe" is deleted and *Shoes* is inserted in lieu thereof; and the drawing is amended to appear as follows:

WRIGHT
Arch Preserver
SHOES

325,141. FANCIFUL PICTURE AND DESIGN. Registered June 11, 1935. The E. H. Koester Baking Company, Baltimore, Md. BREAD. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "The E. H. Koester Bakery Company" should be *The E. H. Koester Bakery Company*.

328,199. HORCO. Registered Sept. 17, 1935. Hodgman Rubber Company, Inc., Framingham, Mass. RUBBERIZED FABRICS. Class 50. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Hodgman Rubber Company, Inc." should be *Hodgman Rubber Company*.

333,508. LETTER K AS A FANCIFUL FIGURE. Registered Mar. 24, 1936. G. Krueger Brewing Company, Newark, N. J. BEER AND ALE. Class 48. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "New Jersey" should be *Delaware*.

367,611. MECHANICS AND HANDICRAFT. Registered May 23, 1939. Popular Science Publishing Co., Inc., New York, N. Y. MAGAZINES. Class 38. The drawing is hereby amended to appear as follows:

Mechanics
and
Handicraft

386,122. DIXIE LUCK. Registered Mar. 25, 1941. California Marine Curing and Packing Corp., Terminal Island, Calif. CANNED FISH. Class 46. Corrected as follows: In the certificate, lines 2, 3, and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "California Marine Curing and Packing Corp." should be *California Marine Curing & Packing Co.*

429,917. BENAL BASIC AVERAGE. Registered May 27, 1947. Benal Dress Co., Inc., New York, N. Y. WOMEN'S DRESSES, WOMEN'S SUITS, WAISTS AND BLOUSES. Class 39. Amended as follows: In the statement, lines 7 and 8, "WOMEN'S SUITS, WAISTS AND BLOUSES," is deleted.

500,350. ELECTROCAST. Registered May 11, 1948. Corhart Refractories Company, Louisville, Ky. REFRACTORY BRICKS, BLOCKS AND GRAINS FOR FURNACE WALLS AND PARTITIONS. Class 12. Corrected as follows: In the certificate, line 3; and in the statement, line 3, "Kentucky" should be *Delaware*.

TRADE-MARK REGISTRATIONS—NEW CERTIFICATES

New Certificates issued under sections 7(c), 7(f), 7(g) of the Trade-Mark Act of 1946 for the unexpired term of the original registrations.

263,455. ACIMET. Registered Nov. 5, 1929. The Cleveland Brass Manufacturing Company. COCKS, FAUCETS, PLUMBING VALVE DEVICES, ETC. Class 13. New certificate under section 7(c) issued Sept. 28, 1948, to The Acimet Valve Manufacturing Company, Cleveland, Ohio.

311,775. FINEST OLD JAMAICA RUM AND DESIGN. Registered Apr. 3, 1934. Edmund Melhado & Co., Inc. RUM AND OTHER SPIRITUOUS LIQUORS. Class 49. New certificate under section 7(c) issued Sept. 28, 1948, to Schieffelin & Co., New York, N. Y., a corporation of New York.

311,776. GREEN LABEL FINE OLD JAMAICA RUM AND DESIGN. Registered Apr. 3, 1934. Edmund Melhado & Co., Inc. RUM AND OTHER SPIRITUOUS LIQUORS. Class 49. New certificate under section 7(c) issued Sept. 28, 1948, to Schieffelin & Co., New York, N. Y., a corporation of New York.

311,777. GOLDEN STAG FINE OLD JAMAICA RUM AND DESIGN. Registered Apr. 3, 1934. Edmund Melhado & Co., Inc. RUM AND OTHER SPIRITUOUS LIQUORS. Class 49. New certificate under section 7(c) issued Sept. 28, 1948, to Schieffelin & Co., New York, N. Y., a corporation of New York.

314,130. SPECIAL RESERVE JAMAICA RUM AND DESIGN. Registered June 19, 1934. Edmund Melhado & Co., Inc. RUM AND OTHER SPIRITUOUS LIQUORS. Class 49. New certificate under section 7(c) issued Sept. 28, 1948, to Schieffelin & Co., New York, N. Y., a corporation of New York.

337,982. DOLLY MADISON ELECTRIC FREEZER AND DESIGN. Registered Aug. 25, 1936. Conco Engineering Works. ICE CREAM FREEZERS. Class 31. New certificate under section 7(c) issued Sept. 28, 1948, to J. E. Porter Corporation, Ottowa, Ill., a corporation of Illinois.

341,119. DON-"Q". Registered Dec. 1, 1936. Destileria Serralles, Inc. RUM. Class 49. New certificate under section 7(c) issued Sept. 28, 1948, to Schieffelin & Co., New York, N. Y., a corporation of New York.

341,872. HUSKY FREEZER AND DESIGN. Registered Dec. 29, 1936. Conco Engineering Works. ICE CREAM FREEZERS. Class 31. New certificate under section 7(c) issued Sept. 28, 1948, to J. E. Porter Corporation, Ottowa, Ill., a corporation of Illinois.

362,760. FRIGIDETTE. Registered Nov. 29, 1938. H. D. Conkey & Company. ICE-CREAM FREEZERS. Class 31. New certificate under section 7(c) issued Sept. 28, 1948, to J. E. Porter Corporation, Ottowa, Ill., a corporation of Illinois.

436,889. MANI-KLEEN. Registered Mar. 2, 1948. Bontee Laboratories. CLEANSER FOR MANIKINS AND SIMILAR PAINTED OR ENAMELED DISPLAY FIXTURES AND BACKGROUNDS. Class 4. New certificate under section 7(c) issued Sept. 28, 1948, to Clarence H. Bonsky, Pomona, Calif.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 227,552. Registered May 10, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

TANNATE

FOR FLAT BELT LEATHER AND HYDRAULIC LEATHER.

Claims use since Sept. 23, 1925.

Reg. No. 233,775. Registered Oct. 11, 1927. GENERAL COAL COMPANY, Cincinnati, Ohio, a corporation of Delaware. Republished by registrant, present location Philadelphia, Pa.

KENTUCKY
BLUE FLAME
KENTUCKY

The words "Kentucky" and "Kentucky Blue Flame" are disclaimed apart from the mark as shown. The drawing is lined for the color blue.

FOR COAL.

Claims use since Apr. 25, 1927.

Reg. No. 236,726. Registered Dec. 20, 1927. GENERAL COAL COMPANY, Cincinnati, Ohio, a corporation of Delaware. Republished by registrant, present location Philadelphia, Pa.

GENCO

FOR COAL.
Claims use since about June 15, 1927.

Reg. No. 248,118. Registered Oct. 16, 1928. E. J. LAVINO AND COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant, present location Norristown, Pa.

K-N

The trade-mark consists of the letters "K-N" upon an oval background of red color.
FOR CHROME ORE.
Claims use since Mar. 13, 1928.

Reg. No. 349,634. Registered Aug. 31, 1937. GENERAL SPORTS, INC., Chicago, Ill. Republished by Wilson Sporting Goods Co., Chicago, Ill., a corporation of Delaware.

AIRLITE
CUSHION RUBBER

The words "Cushion Rubber" are disclaimed apart from the mark as shown.
FOR CUSHION RUBBER.
Claims use since Dec. 9, 1936.

Reg. No. 410,381. Registered Nov. 21, 1944. THOMPSON, WEINMAN & COMPANY, INC., Cartersville, Ga., a corporation of Georgia. Republished by registrant.

LESAMITE

FOR FINELY GROUND NATURAL EARTHY MATERIAL USEFUL AS A FILLER FOR PAINTS, PLASTIC, AND RUBBER.
Claims use since on or about Feb. 9, 1944.

Reg. No. 416,469. Registered Sept. 18, 1945. THOMPSON, WEINMAN & COMPANY, INC., Cartersville, Ga., a corporation of Georgia. Republished by registrant.

ATOMITE

FOR MECHANICALLY GROUND CALCIUM CARBONATE SUBSTANTIALLY FREE FROM PARTICLES LARGER THAN 15 MICRONS IN DIAMETER AND USED AS A FILLER FOR RUBBER, PAPER, PAINT, ETC.
Claims use since July 15, 1939.

CLASS 2

RECEPTACLES

Reg. No. 395,108. Registered May 12, 1942. PHOENIX CLOSET ACCESSORIES, INC., New York, N. Y., a corporation of New Jersey. Republished by registrant.

Princess House
CLOSET ACCESSORIES

The words "Closet Accessories" are disclaimed apart from the mark as shown.
FOR GARMENT BAGS, LAUNDRY BAGS, AND SHOE BAGS.
Claims use since Sept. 15, 1941.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 211,403. Registered Apr. 13, 1926. BUFFALO WEAVING & BELTING COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.



"Buffalo" Quality

The word "Quality" is disclaimed apart from the mark as shown.
FOR WOVEN TRUNK STRAPS, WOVEN RAZOR STROPS, WOVEN SKATE STRAPS, AND WOVEN BAG STRAPS.
Claims use since on or about Aug. 2, 1920.

Reg. No. 238,149. Registered Jan. 31, 1928. C. E. ERICKSON CO., INC., Des Moines, Iowa. Republished by The Springfield Leather Products Company, Springfield, Ohio, a corporation of Ohio.

Kee-Pac

FOR LEATHER KEY HOLDERS.
Claims use since Apr. 1, 1927.

Reg. No. 284,261. Registered June 23, 1931. MAY & MALONE, INCORPORATED, Chicago, Ill. Republished by The Richter & Phillips Company, Cincinnati, Ohio, a corporation of Ohio.

TRAVELWEAR

FOR WARDROBE TRUNKS, HAND TRUNKS AND AUTOMOBILE TRUNKS.
Claims use since Aug. 1, 1930.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 139,598. Registered Feb. 8, 1921. PARFUMERIE HOUBIGANT, Paris, France. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

FOUGÈRE ROYALE

FOR TOILET SOAPS.
Claims use since prior to the year 1899.

Reg. No. 145,314. Registered Aug. 2, 1921. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

CASTOLAY

FOR SOAP.
Claims use since Jan. 27, 1921.

Reg. No. 157,654. Registered Aug. 15, 1922. CHERAMY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Cappi

FOR TOILET SOAP.
Claims use since Oct. 1, 1921.

Reg. No. 211,403. Registered Apr. 13, 1926. BUFFALO WEAVING & BELTING COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.



"Buffalo" Quality

The word "Quality" is disclaimed apart from the mark as shown.
FOR WOVEN TRUNK STRAPS, WOVEN RAZOR STROPS, WOVEN SKATE STRAPS, AND WOVEN BAG STRAPS.
Claims use since on or about Aug. 2, 1920.

Reg. No. 232,230. Registered Sept. 6, 1927. MAGNETIC POLISH COMPANY, INC., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

MAGNETIC

FOR METAL POLISH.
Claims use since about June 1913.

Reg. No. 234,817. Registered Nov. 8, 1927. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ROYAL FERN

FOR TOILET SOAP AND SOAP CREAM USED BEFORE SHAVING.
Claims use since June 17, 1927.

Reg. No. 236,682. Registered Dec. 20, 1927. E. F. HOUGHTON & CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

WONDER

FOR COMPOUNDS IN POWDERED FORM FOR ALL SCOURING AND CLEANSING PURPOSES.
Claims use since Apr. 13, 1927.

Reg. No. 243,223. Registered June 12, 1928. C. M. LANGFIELD, doing business as The Solvite Company, Northville, Mich. Republished by registrant.

SOLVITE

FOR DRY-CLEANING SOAP.
Claims use since Nov. 1, 1914.

Reg. No. 340,954. Registered Nov. 24, 1936. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

ROYOX

FOR GENERAL CLEANING AND SCOURING COMPOUND.
Claims use since July 21, 1936.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 38,348. Registered May 27, 1902. THOMAS N. KENYON, Minneapolis, Minn. Republished by Donald D. Kenyon, Minneapolis, Minn.



FOR REMEDIES FOR CATARRH, HAY-FEVER, COLD IN THE HEAD, AND ALL COMPLICATIONS ARISING FROM NASAL CATARRH AND DISEASES OF THE NOSE, THROAT AND LUNGS.
Claims use since Nov. 1, 1892.

Reg. No. 51,925. Registered Apr. 3, 1906. FAULTLESS STARCH COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

FAULTLESS STARCH

FOR POWDERED LAUNDRY STARCH.
Claims use since May 1, 1890.

Reg. No. 71,267. Registered Nov. 10, 1908. HENRY SOLOMON WELLCOME, London, England. Republished by Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y., a corporation of New York.

'HAZELINE' SNOW

FOR SEMI-SOLID TOILET PREPARATION CONTAINING DISTILLED EXTRACT OF HAMAMELIS VIRGINIANA.
Claims use since Jan. 28, 1893.

Reg. No. 76,731. Registered Feb. 8, 1910. HENRY SOLOMON WELLCOME, London, England. Republished by Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y., a corporation of New York.

TABLOID

FOR ACIDS, ALBUMINS, MENTHOL, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since March 1884.

Reg. No. 97,184. Registered May 19, 1914. R. J. STRASENBURGH COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.



FOR CHEMICALS, MEDICINES, AND PHARMACEUTICAL PRODUCTS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Dec. 1, 1911.

Reg. No. 124,173. Registered Jan. 14, 1919. WELDONA COMPANY, Boston, Mass. Republished by Weldona, Inc., Atlantic City, N. J., a corporation of New Jersey.

WELDONA

FOR MEDICINE FOR RHEUMATISM.
Claims use since May 20, 1918.

Reg. No. 138,512. Registered Dec. 28, 1920. SINCLAIR PHARMACAL CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

BOROLEUM

FOR NASAL OINTMENTS.
Claims use since Jan. 6, 1920.

Reg. No. 141,389. Registered Apr. 19, 1921. PARFUMERIE HOUBIGANT, Paris, France. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

QUELQUES VIOLETTES

The word "Violettes" is disclaimed apart from the mark as shown.
FOR PERFUMES, TOILET WATERS, SACHET, SACHET POWDERS, AND BRILLIANTINE.
Claims use since 1914.

Reg. No. 141,390. Registered Apr. 19, 1921. PARFUMERIE HOUBIGANT, Paris, France. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

QUELQUES FLEURS

FOR PERFUMES, TOILET WATERS, SACHET POWDERS, FACE LOTION AND BRILLIANTINE.
Claims use since the year 1912.

Reg. No. 141,391. Registered Apr. 19, 1921. PARFUMERIE HOUBIGANT, Paris, France. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

FOUGÈRE ROYALE

FOR PERFUMES, TOILET WATERS, FACE LOTIONS, SACHETS, SACHET POWDERS AND BRILLIANTINE.
Claims use since prior to the year 1899.

Reg. No. 141,392. Registered Apr. 19, 1921. PARFUMERIE HOUBIGANT, Paris, France. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.



FOR PERFUMES, TOILET WATERS, FACE POWDERS, FACE LOTIONS, SACHET, SACHET POWDERS, AND BRILLIANTINE.
Claims use since 1899.

Reg. No. 146,966. Registered Sept. 27, 1921. CHERAMY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CAPPI

FOR BRILLIANTINE, FACE POWDER, FACE CREAM, TOILET WATER, PERFUME, SACHET, AND TALCUM POWDER.
Claims use since Jan. 3, 1921.

Reg. No. 147,124. Registered Oct. 4, 1921. LA FRANCE LABORATORIES INC., New York, N. Y. Republished by Alfred S. Horowitz, New York, N. Y.

HENNAFOAM

FOR LIQUID SHAMPOO.
Claims use since about Dec. 30, 1920.

Reg. No. 150,294. Registered Jan. 3, 1922. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.

TRADE MARK
GOLDEN RULE
CO.

The words "Trade-Mark" are disclaimed apart from the mark as shown.
FOR AQUA AMMONIA, DRY AMMONIA, LAUNDRY AMMONIA, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Nov. 10, 1895.

Reg. No. 152,151. Registered Feb. 21, 1922. DIAMOND ALKALI COMPANY, Pittsburgh, Pa. Republished by Diamond Alkali Company, Pittsburgh, Pa., a corporation of Delaware.



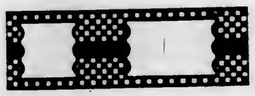
FOR SODA ASH AND CAUSTIC SODA AND MODIFIED FORMS OF EACH OF VARYING ALKALI CONTENT.
Claims use since February 1912.

Reg. No. 155,640. Registered June 6, 1922. CHERAMY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CHERAMY

FOR TALCUM POWDER, ROUGE, COLD CREAM, TOILET WATER, FACE POWDER, BRILLIANTINE, SACHET AND PERFUME.
Claims use since November 1916.

Reg. No. 155,813. Registered June 6, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.



The shading in the drawing is not intended to represent color.
FOR WATER GLASS EGG PRESERVER.
Claims use since some time in 1913.

Reg. No. 157,316. Registered Aug. 1, 1922. CHERAMY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FROLIC

FOR PERFUME, TOILET WATER, FACE LOTION, FACE POWDER, ROUGE, SACHET, BRILLIANTINE, AND TALCUM POWDER.
Claims use since Nov. 10, 1921.

Reg. No. 157,343. Registered Aug. 1, 1922. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

LE TEMPS DES LILAS

FOR PERFUME EXTRACT AND TOILET WATER.
Claims use since Dec. 30, 1921.

Reg. No. 161,831. Registered Nov. 21, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.

RUTLAND

FOR WATER-GLASS EGG PRESERVER.
Claims use since some time in 1913.

Reg. No. 180,501. Registered Mar. 4, 1924. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FLATTERIE

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE SKIN AND HAIR, AND BATH SALTS.
Claims use since Aug. 28, 1923.

Reg. No. 181,408. Registered Mar. 18, 1924. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SUBTILITÉ

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE SKIN AND HAIR, AND BATH SALTS.
Claims use since Oct. 11, 1923.

Reg. No. 207,709. Registered Jan. 5, 1926. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BOIS DORMANT

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS.
Claims use since Aug. 28, 1925.

Reg. No. 218,299. Registered Sept. 21, 1926. VALMOR HEALTH PRODUCTS CO., Chicago, Ill. Republished by Valmor Products Co., Chicago, Ill., a corporation of Illinois.

VALMOR

FOR FACE POWDER, TALCUM POWDER, ROUGE, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Mar. 29, 1926.

Reg. No. 234,458. Registered Oct. 25, 1927. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ROYAL FERN

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS, BANDOLINE, COLD CREAM, LIPSTICK VEGETAL, AND COMPACTS.
Claims use since June 17, 1927.

Reg. No. 248,317. Registered Oct. 16, 1928. GEO. C. V. FESLER COMPANY, St. Louis, Mo. Republished by Pearson Pharmacal Company, Inc., New York, N. Y., a corporation of New York.

DEW

FOR DEODORANT.
Claims use since Mar. 1, 1912.

Reg. No. 262,414. Registered Oct. 8, 1929. REED & CARNRICK, Jersey City, N. J., a corporation of New Jersey. Republished by registrant.

R·C

REED & CARNRICK
Pioneers in Glandular Therapy
Jersey City, N. J.
U. S. A.

The geographical term "Jersey City, N. J., U. S. A." is disclaimed apart from the mark as shown.
FOR MEDICINAL PREPARATIONS — NAMELY, GLANDULAR PRODUCTS FOR USE IN THE TREATMENT OF FUNCTIONAL INDIGESTION, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since June 1, 1926.

Reg. No. 292,820. Registered Mar. 29, 1932. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

VELVORAY

FOR SULPHONATED OLIVE OIL FOR TEXTILE PURPOSES.
Claims use since May 23, 1930.

Reg. No. 292,822. Registered Mar. 29, 1932. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

CASTROLITE

FOR SULPHONATED CASTOR OIL FOR TEXTILE PURPOSES.
Claims use since July 1, 1931.

Reg. No. 294,610. Registered June 7, 1932. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

VATROLITE

FOR HYDROSULPHITE FOR TEXTILE PURPOSES.
Claims use since Dec. 10, 1931.

Reg. No. 297,333. Registered Sept. 13, 1932. BRUNSWIG DRUG COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

AngeCus

FOR ROCHELLE SALT, SENNA LEAVES, EPSOM SALTS, SULPHUR FLOWERS, CASCARA BARK, CASCARA AROMATIC, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since on or about Mar. 1, 1905.

Reg. No. 300,161. Registered Jan. 10, 1933. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

DEMI-JOUR

FOR PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND VEGETAL.
Claims use since Nov. 7, 1929.

Reg. No. 300,997. Registered Feb. 14, 1933. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Floraison Houbigant

FOR PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND EAU VEGETAL.
Claims use since July 6, 1932.

Reg. No. 331,113. Registered Dec. 31, 1935. MORTON G. NEUMANN, doing business as Valmor Products Co., Chicago, Ill. Republished by Valmor Products Co., Chicago, Ill., a corporation of Illinois.



FOR VEGETABLE COMPOUND TONIC FOR FEMALE DISORDERS, EXTERNAL LINIMENT, HERB TONIC, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since May 14, 1935.

Reg. No. 334,938. Registered May 19, 1936. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

FABRITEX

FOR GUMS SUITABLE FOR THE PRINTING OF TEXTILE FABRICS.
Claims use since Feb. 18, 1932.

Reg. No. 340,177. Registered Nov. 3, 1936. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

ROYCE R CHEMICAL CO.

FOR CHEMICALS ADAPTED FOR THE DYEING, BLEACHING, FINISHING, AND TREATMENT OF TEXTILE FIBERS AND FABRICS, AND FOR CHEMICALS ADAPTED FOR THE STRIPPING AND DISCHARGING OF DYED FIBERS AND FABRICS.
Claims use since Jan. 26, 1935.

Reg. No. 342,307. Registered Jan. 12, 1937. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

DEFLUORITE

FOR CHEMICALS EMPLOYED IN THE TREATMENT OF WATER FOR THE REMOVAL OF FLUORINE AND/OR SILICA THEREFROM.
Claims use since July 29, 1936.

Reg. No. 355,202. Registered Mar. 8, 1938. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

PAROLITE

FOR CHEMICALS ADAPTED FOR DISCHARGING DYEINGS UPON TEXTILE FIBERS AND FOR USE IN DISCHARGE PRINTING OF TEXTILE FIBERS AND FABRICS.
Claims use since Sept. 14, 1937.

Reg. No. 367,208. Registered May 9, 1939. GREAT NORTHERN CHEMICAL CO., San Francisco, Calif. Republished by Hy-G Corporation, San Francisco, Calif., a corporation of California.

Hy-G

FOR INSECTICIDES, ANT SPRAYS, ANT POWDERS, DEODORANTS FOR LAVATORY USE, STERILIZING PREPARATIONS, FLORAL SPRAYS AND INSECTICIDE CRYSTALS.
Claims use since on or about May 1927.

Reg. No. 386,266. Registered Apr. 1, 1941. HAROLD P. WILLATS, Hollywood, Calif. Republished by Colonial Dames, Inc., Los Angeles, Calif., a corporation of Delaware.

CAMPUS

FOR BATH OIL, FACE POWDER, BATH POWDER, FINGERNAIL POLISH, HAND CREAM, BEAUTY CREAM, HAND LOTION, BRILLIANTINE, LIPSTICKS, COLOGNE, MANICURE PREPARATIONS, COMPLEXION MAKEUP, PERFUME, DEODORANT, ROUGE AND ROUGE COMPACTS, DEPILATORY, SKIN LOTION, FACE CREAM.
Claims use since on or about June 17, 1940.

Reg. No. 390,087. Registered Sept. 9, 1941. HOMO DISTRIBUTING CO., INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.

HOMO
FIVE STAR BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR PREPARATION FOR THE TREATMENT OF COUGHS DUE TO COLDS.
Claims use since July 10, 1940.

Reg. No. 392,606. Registered Jan. 6, 1942. JACQUELINE COCHRAN, Roselle, N. J. Republished by registrant.

Merry-go-round

FOR COSMETICS AND BEAUTY PREPARATIONS—NAMELY, COLOGNE, DUSTING POWDER, BODY LOTION, LIPSTICKS, CREAM ROUGE, AND ROUGE COMPACTS.
Claims use since Apr. 9, 1941.

Reg. No. 395,917. Registered June 16, 1942. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Isogel

FOR CHEMICAL COMPOSITIONS USED IN THE SIZING AND IMPROVEMENT OF CELLULOSIC PRODUCTS.
Claims use since Jan. 15, 1942.

Reg. No. 395,918. Registered June 16, 1942. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

SIZOGEL

FOR CHEMICAL COMPOSITIONS USED IN THE SIZING AND IMPROVEMENT OF CELLULOSIC PRODUCTS.
Claims use since Jan. 15, 1942.

Reg. No. 399,205. Registered Dec. 22, 1942. JOHN H. WOODBURY, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Zia

FOR COLOGNE.
Claims use since May 4, 1942.

Reg. No. 403,769. Registered Oct. 19, 1943. CLARK & CLARK, Camden, N. J., a corporation of New Jersey. Republished by registrant, present location Wenonah, N. J.

CLARKOTABS

FOR TABLETS CONTAINING THYROID FOR INTERNAL CONSUMPTION AS A CURE FOR OBESITY.
Claims use since May 1, 1942.

Reg. No. 404,431. Registered Nov. 23, 1943. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

dryad

FOR DEODORANT.
Claims use since May 15, 1943.

Reg. No. 407,518. Registered June 6, 1944. THE SPEARE SUPPLY COMPANY, Chicago, Ill. Republished by Diamond Alkali Company, Pittsburgh, Pa., a corporation of Delaware.

NEO-TONE

FOR LAUNDRY SOUR.
Claims use since Mar. 12, 1942.

Reg. No. 412,405. Registered Mar. 6, 1945. R. J. STRASENBURGH COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

REAZOL

FOR PHARMACEUTICAL PREPARATION FOR THE BACTERICIDAL TREATMENT OF CERTAIN DISEASES, WOUNDS AND INFECTIONS OF ANIMALS—NAMELY, STREPTOCOCCUS HEMOLYTICUS, STREPTOCOCCUS VERIDANS, STAPHYLOCOCCUS ALBUS, STAPHYLOCOCCUS AUREUS, AS WELL AS SOME OF THE CLOSTRIDIA, BOVINE MASTITIS, NAIL PUNCTURES, WIRE CUTS, FISTULAS, FOOT ROT, ABSCESSES, BITES, HEMATOMA, SUPPURATIVE OTORRHEA, AND DERMATITIS.
Claims use since Aug. 25, 1944.

Reg. No. 418,569. Registered Jan. 1, 1946. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Marimba

FOR PERFUME.
Claims use since May 28, 1945.

Reg. No. 428,688. Registered Apr. 1, 1947. NOVA CHEMICAL CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

NOVAPRINT

FOR DYESTUFFS AND PIGMENT COLORS FOR USE IN COLORING TEXTILES, LEATHERS, AND PAPERS.
Claims use since Jan. 9, 1946.

Reg. No. 429,470. Registered Apr. 29, 1947. NOVA CHEMICAL CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

NOVACEL

FOR DYESTUFFS AND PIGMENT COLORS FOR USE IN COLORING TEXTILES, LEATHERS, AND PAPERS.
Claims use since Nov. 4, 1946.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 56,489. Registered Oct. 2, 1906. THE CLIMAX FUSE CO., New York, N. Y. Republished by The Ensign-Bickford Company, Simsbury, Conn., a corporation of Connecticut.

CRESCENT



FOR FUSES.
Claims use since Jan. 1, 1901.

Reg. No. 62,243. Registered Apr. 30, 1907. COAST MANUFACTURING & SUPPLY CO., Berkeley, Calif. Republished by The Ensign-Bickford Company, Simsbury, Conn., a corporation of Connecticut.



FOR FUSES.
Claims use since Jan. 1, 1885.

Reg. No. 73,676. Registered May 11, 1909. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

Beaver

FOR FUSES FOR IGNITING GUNPOWDER AND OTHER EXPLOSIVES.
Claims use since about the year 1905.

Reg. No. 73,678. Registered May 11, 1909. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

ANCHOR

FOR FUSES FOR IGNITING GUNPOWDER AND OTHER EXPLOSIVES.
Claims use since about 1902.

Reg. No. 74,343. Registered July 6, 1909. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

ORESCHINT

FOR FUSES FOR IGNITING GUNPOWDER AND OTHER EXPLOSIVES.
Claims use since about 1902.

Reg. No. 102,388. Registered Feb. 9, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



FOR FUSES.
Claims use since about 1905.

Reg. No. 102,389. Registered Feb. 9, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



FOR FUSES.
Claims use since July 1, 1914.

Reg. No. 102,391. Registered Feb. 9, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



FOR FUSES.
Claims use since about 1910.

Reg. No. 102,392. Registered Feb. 9, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

CLOVER

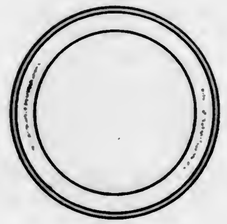
FOR FUSES.
Claims use since about 1910.

Reg. No. 102,393. Registered Feb. 9, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



FOR FUSES.
Claims use since about 1902.

Reg. No. 104,286. Registered May 18, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



FOR FUSES.
Claims use since Jan. 1, 1910.

Reg. No. 187,764. Registered Aug. 12, 1924. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



The wording "The Original Manufacturers of Safety Fuse," "Safety Fuse," "Brand," Established 1836" and "Simsbury, Conn." are disclaimed apart from the mark as shown.
FOR FUSE FOR BLASTING AND MINING PURPOSES.
Claims use since July 1, 1914.

Reg. No. 187,765. Registered Aug. 12, 1924. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



The wording "The Original Manufacturers of Safety Fuse," "Safety Fuse," "Brand," "Established 1836" and "Simsbury, Conn." are disclaimed apart from the mark as shown.
FOR FUSE FOR BLASTING AND MINING PURPOSES.
Claims use since about 1910.

Reg. No. 188,178. Registered Aug. 19, 1924. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.



The wording "The Original Manufacturers of Safety Fuse," "Safety Fuse," "Established 1836" and "Simsbury, Conn." are disclaimed apart from the mark as shown.
FOR FUSE FOR BLASTING AND MINING PURPOSES.
Claims use since about 1910.

Reg. No. 345,773. Registered May 4, 1937. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

PRIMACORD

FOR DETONATING FUSE.
Claims use since Dec. 11, 1936.

Reg. No. 385,372. Registered Feb. 25, 1941. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

IGNITACORD

FOR IGNITION DEVICE FOR USE IN INITIATING A NUMBER OF EXPLOSIVES CHARGES.
Claims use since Aug. 29, 1940.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 366,162. Registered Apr. 4, 1939. HORDER'S INCORPORATED, Chicago, Ill. Republished by Horder's, Incorporated, Chicago, Ill., a corporation of Illinois.



The drawing is lined for shading only.
FOR CARBON PAPER.
Claims use since Oct. 12, 1934.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 86,013. Registered Apr. 2, 1912. WESTERN BRICK COMPANY, Danville, Ill., a corporation of Illinois. Republished by registrant.

Cloister

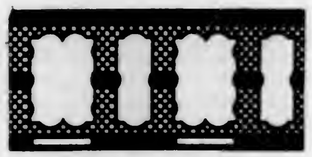
FOR BRICKS.
Claims use since Oct. 6, 1911.

Reg. No. 152,978. Registered Mar. 7, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.

RUTLAND

FOR PLASTIC STOVE LINING.
Claims use since on or about Apr. 1, 1883.

Reg. No. 159,754. Registered Oct. 3, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.



The drawing is lined for shading only.
FOR PATCHING PLASTER FOR WALLS.
Claims use since about 1905.

Reg. No. 160,651. Registered Oct. 24, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.



The drawing is lined for shading.
FOR ASBESTOS FURNACE CEMENT; IRON CEMENT, WHICH IS A STIFF PASTE FOR SEALING THE JOINTS IN SOIL PIPES AND FILLING CRACKS OR BREAKS IN METAL CASINGS; GAS-RETORT CEMENT, WHICH IS A PLASTIC MATERIAL USED FOR PATCHING GAS RETORTS AND FIRE BOXES; LIQUID ROOF CEMENT, NOW CALLED "ROOF COATING"; PLASTIC ROOFING CEMENT, PASTE, PIPE-JOINT CEMENT, AND PLASTIC STOVE LINING.
Claims use since sometime in 1905.

Reg. No. 163,759. Registered Jan. 23, 1923. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.

RUTLAND

FOR ASBESTOS FURNACE CEMENT, IRON CEMENT WHICH IS OF STIFF PASTE FOR SEALING THE JOINTS IN SOIL PIPES AND FILLING CRACKS OR BREAKS IN METAL CASTINGS, GAS-RETORT CEMENT WHICH IS A PLASTIC MATERIAL USED FOR PATCHING GAS RETROTS AND FIRE BOXES.
Claims use since sometime in 1901.

Reg. No. 206,443. Registered Dec. 1, 1925. WESTERN BRICK COMPANY, Danville, Ill., a corporation of Illinois. Republished by registrant.



FOR BRICK AND TILE.
Claims use since June 5, 1925.

Reg. No. 258,930. Registered July 16, 1929. WESTERN WAXED PAPER COMPANY OF OREGON, Portland, Oreg. Republished by Crown Zellerbach Corporation, doing business as Western Waxed Paper Company, San Francisco, Calif., a corporation of Nevada.

DEFIANCE

FOR BUILDING PAPER.
Claims use since Nov. 16, 1928.

Reg. No. 260,581. Registered Aug. 27, 1929. STANDARD PORTLAND CEMENT COMPANY, Cleveland, Ohio. Republished by Diamond Alkali Company, Pittsburgh, Pa., a corporation of Delaware.

STANDARD PORTLAND CEMENT

The words "Standard Portland Cement" are disclaimed apart from the mark as shown.
FOR PORTLAND CEMENT.
Claims use since June 24, 1925.

Reg. No. 324,155. Registered May 14, 1935. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.



The words "Patching Plaster" are disclaimed apart from the mark as shown.
FOR PATCHING PLASTER FOR WALLS.
Claims use since Jan. 1, 1928.

Reg. No. 324,156. Registered May 14, 1935. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.



The words "Patching Plaster" are disclaimed apart from the mark as shown.
FOR PATCHING PLASTER FOR WALLS.
Claims use since Jan. 1, 1928.

Reg. No. 422,066. Registered July 2, 1946. CHICAGO MILL AND LUMBER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

CRAVENEER

FOR WOOD AND PAPER VENEER BOARD.
Claims use since Sept. 9, 1915.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 268,715. Registered Mar. 18, 1930. AUTOMATIC DRIP-O-LATOR COMPANY, Kansas City, Mo., assignor to The Enterprise Aluminum Company. Republished by The Enterprise Aluminum Company, Massillon, Ohio, a corporation of Ohio.

DRIP-O-LATOR

FOR APPARATUS FOR PREPARING INFUSIONS SUCH AS THOSE OF COFFEE AND TEA.
Claims use since December 1926.

Reg. No. 295,523. Registered July 5, 1932. BARNES & JONES INCORPORATED, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Jamaica Plain, Boston, Mass.

B&J

FOR PLUMBING AND STEAM FITTING VALVES AND TRAPS.
Claims use since July 1924.

Reg. No. 419,976. Registered Mar. 19, 1946. NATIONAL LOCK CO., Rockford, Ill., a corporation of Delaware. Republished by registrant.

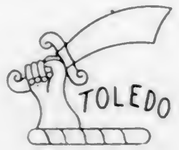


FOR ANGLE IRONS, BED RAIL CLIPS, BED RAIL FASTENERS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since September 1942.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 65,490. Registered Oct. 8, 1907. JNO. HY. ANDREW & CO. LD., Sheffield, England. Republished by Andrews Toledo Ltd., Sheffield, England, a company incorporated under the laws of the United Kingdom of Great Britain.



FOR STEEL IN BAR, ROD, RAIL, HOOP, SHEET AND WIRE.
Claims use since 1883.

Reg. No. 136,878. Registered Nov. 9, 1920. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.



FOR METAL BALLS FOR PLUGGING DRY WELLS, BABBITT METAL, SOLDER, PIG-LEAD, SHEET-LEAD, TOOL-STEEL, WIRE MADE FROM STEEL, IRON, BRASS, AND COPPER, STEEL AND IRON IN THE FORM OF RODS AND BARS, AND ANVILS.
Claims use since 1900.

Reg. No. 282,235. Registered Apr. 14, 1931. THE AMERICAN METAL COMPANY (LIMITED), New York, N. Y., a corporation of New York. Republished by registrant.



FOR METAL PRODUCTS—NAMELY, COPPER IN CAKES, BARS, OR INGOTS.
Claims use since July 19, 1930.

Reg. No. 283,049. Registered May 12, 1931. THE AMERICAN METAL COMPANY (LIMITED), New York, N. Y., a corporation of New York. Republished by registrant.

VC

FOR METAL PRODUCTS—NAMELY, COPPER IN CAKES, BARS, OR INGOTS.
Claims use since Dec. 23, 1930.

Reg. No. 312,273. Registered Apr. 24, 1934. THE AMERICAN METAL COMPANY (LIMITED), New York, N. Y., a corporation of New York. Republished by registrant.

OFHC

FOR COPPER IN THE FORM OF WIRE BARS, BILLETS, CAKES, AND THE LIKE.
Claims use since Dec. 24, 1931.

CLASS 15

OILS AND GREASES

Reg. No. 317,504. Registered Sept. 25, 1934. THE CANFIELD OIL COMPANY, Cleveland, Ohio. Republished by Western Auto Supply Company, Kansas City, Mo., a corporation of Missouri.



The drawing is lined for shading only. The words "Good Penn" are disclaimed apart from the mark as shown.
FOR LUBRICATING OILS AND GREASES.
Claims use since May 8, 1934.

Reg. No. 385,302. Registered Feb. 25, 1941. MILLER & HOLMES, INC., St. Paul, Minn., a corporation of Minnesota. Republished by registrant.



The drawing is lined for the color red.
FOR GASOLINE.
Claims use since Jan. 1, 1931.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 159,079. Registered Sept. 19, 1922. RUTLAND FIRE CLAY CO., Rutland, Vt., a corporation of Vermont. Republished by registrant.



The shading is not intended to represent any particular color.
FOR STOVEPIPE PAINT ENAMEL NOW CALLED "BLACK ENAMEL", ASPHALT ROOF PAINT NOW CALLED "ASPHALT PAINT", AND TINNERS' RED ROOF PAINT NOW CALLED "RED METAL ROOF PAINT".
Claims use since sometime in 1913.

Reg. No. 207,016. Registered Dec. 15, 1925. HARRY LEONARD GREENBAUM, doing business as Technical Color & Chemical Works, Brooklyn, N. Y. Republished by Technical Color & Chemical Works, Inc., Brooklyn, N. Y., a corporation of New York.

RED-DEVIL



The drawing is lined for the color red.
FOR PREPARED SHELLAC, BANANA BRONZING LIQUIDS, HARD-WAX POLISH, BLACK ASPHALTUM PAINT, PAINT ENAMEL, FLAT WALL FINISH, OIL STAINS AND PAINT AND VARNISH REMOVER.
Claims use since May 1917.

Reg. No. 293,073. Registered Apr. 5, 1932. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

COLOTEC

FOR LINSEED OIL, TURPENTINE, PAINT AND ENAMEL COLORING, PIGMENTS, WOOD STAIN, PREPARED SHELLAC, WALL FINISH FLAT PAINT, PAINT AND VARNISH REMOVER, ENAMEL UNDERCOAT, READY PREPARED PAINTS, VARNISHES, LACQUERS, AND PAINT ENAMEL.
Claims use since Mar. 1, 1931.

Reg. No. 336,402. Registered July 7, 1936. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Wescote

FOR READY-MIXED PAINTS, PAINT ENAMELS, VARNISHES, AND VARNISH STAINS.
Claims use since on or about July 1, 1935.

Reg. No. 353,690. Registered Jan. 11, 1938. THE WESTERN AUTO SUPPLY COMPANY, doing business as Western Auto Stores, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Nam-Tone

FOR PAINT ENAMEL.
Claims use since Apr. 5, 1937.

Reg. No. 379,148. Registered July 2, 1940. ANDREW BROWN COMPANY, Los Angeles, Calif. Republished by Andrew Brown Company, Los Angeles, Calif., a firm.

Brolite
Z-SPAR

The word "Spar" is disclaimed.
FOR PAINT ENAMEL.
Claims use since Feb. 2, 1940.

Reg. No. 382,445. Registered Oct. 29, 1940. STANDARD INDUSTRIAL PRODUCTS, INC., Evansville, Ind., a corporation of Indiana. Republished by registrant.

Wear-Master

FOR READY MIXED PAINTS, VARNISHES, METALLIC LACQUER, ENAMEL AND FURNITURE LACQUER.
Claims use since March 1940.

Reg. No. 383,150. Registered Nov. 26, 1940. STANDARD INDUSTRIAL PRODUCTS, INC., Evansville, Ind., a corporation of Indiana. Republished by registrant.

Weather-Master

FOR HOUSE PAINTS, PAINT ENAMELS, LACQUER, VARNISHES, PAINT COMPOSITIONS AND COATINGS ADAPTED FOR OUTSIDE USE AND FOR OUTSIDE SURFACES INCLUDING ROOF SURFACES, WHITE LEAD AND MACHINERY PAINTS.
Claims use since April 1940.

Reg. No. 392,220. Registered Dec. 16, 1941. C. A. NASH & SON, INC., Norfolk, Va., a corporation of Virginia. Republished by registrant.

SEA-COAST LINER-COTE

The word "Liner-Cote" is disclaimed apart from the mark as shown.

FOR PAINTS AND PAINT ENAMELS, SOLD IN PASTE AND READY MIXED FORM.

Claims use since 1937.

Reg. No. 402,058. Registered June 29, 1943. KEN-NITE COMPANY, Detroit, Mich. Republished by Western Auto Supply Company, Kansas City, Mo., a corporation of Missouri.

Poli-wax

The word "Wax" is disclaimed apart from the mark as shown.

FOR CLEANER, WAX AND POLISH.

Claim use since Feb. 27, 1939.

Reg. No. 416,943. Registered Oct. 9, 1945. PEARCE L. MEADOWS, doing business as Elroy Naval Stores Co., Vidalia, Ga. Republished by El Roy Naval Stores Co., Inc., Vidalia, Ga., a corporation of Georgia.



FOR PAINT THINNER.

Claims use since Jan. 1, 1940.

Reg. No. 423,278. Registered Aug. 27, 1946. MASON PAINT CO., INC., Louisville, Ky., a corporation of Kentucky. Republished by registrant.

STIL-TEX

FOR PAINTS SOLD IN DRY, PASTE AND READY-MIXED FORMS.

Claims use since June 1940.

Reg. No. 433,047. Registered Sept. 23, 1947. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELTEX

FOR ALGIN PRODUCT FOR USE IN WATER PAINTS, SUCH AS THE RESIN EMULSION TYPE PAINTS AND THOSE CONTAINING PROTEIN BINDERS, AS A SUSPENDING AND VISCOSITY CONTROLLING AGENT AND TO IMPROVE THE BRUSHING CHARACTERISTICS.

Claims use since Apr. 6, 1937.

CLASS 19

VEHICLES

Reg. No. 289,563. Registered Dec. 1, 1931. WESTERN AUTO SUPPLY CO., Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Western Flyer

FOR BICYCLES, TRICYCLES.

Claims use since June 1, 1931.

Reg. No. 291,095. Registered Jan. 26, 1932. INTERNATIONAL MOTOR COMPANY, New York, N. Y. Republished by Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware.

Mack

FOR MOTOR TRUCKS.

Claims use since Dec. 16, 1930.

Reg. No. 303,673. Registered June 6, 1933. INTERNATIONAL MOTOR COMPANY, New York, N. Y. Republished by Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware.



FOR SELF-PROPELLED COMMERCIAL MOTOR TRUCKS AND TRACTOR TRUCKS.

Claims use since on or about Nov. 1, 1932.

Reg. No. 328,409. Registered Sept. 24, 1935. INTERNATIONAL MOTOR COMPANY, New York, N. Y. Republished by Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware.

ARCHIMOID

FOR STEERING GEARS.

Claims use since Mar. 21, 1930.

Reg. No. 343,811. Registered Mar. 9, 1937. BARRETT-CRAVENS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The representations of the goods and the words "Handling Equipment" are disclaimed.

FOR MATERIAL HANDLING EQUIPMENT—NAMELY, LIFT-TRUCKS, BARREL TRUCKS, ROCKER-ACKS.

Claims use since May 28, 1921.

Reg. No. 344,788. Registered Apr. 6, 1937. STEWART-WARNER CORPORATION, Chicago, Ill., a corporation of Virginia. Republished by registrant.

SOUTH-WIND

FOR AUTOMOBILE HEATERS OF THE INTERNAL COMBUSTION TYPE.

Claims use since Sept. 23, 1936.

Reg. No. 419,362. Registered Feb. 12, 1946. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Country Club

FOR SEAT COVERS FOR MOTOR VEHICLES.

Claims use since June 18, 1945.

Reg. No. 419,363. Registered Feb. 12, 1946. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Fifth Avenue

FOR SEAT COVERS FOR MOTOR VEHICLES.

Claims use since June 18, 1945.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 233,495. Registered Oct. 4, 1927. ROGER G. LAFITE, doing business as Automotive Manufacturing Company, Kansas City, Mo. Republished by Electra Manufacturing Company, Kansas City, Mo., a corporation of Missouri.

Electra

FOR GENERATOR-BRUSH HOLDERS, BATTERY CABLES, GENERATOR HOUSINGS, GENERATOR BRACKETS, BATTERY-POST CLAMPS, TIMER HOUSINGS, INSULATED WIRE, AND SPARK PLUG LEAD WIRES.

Claims use since July 1926.

Reg. No. 255,370. Registered Apr. 23, 1929. SIGNAL ELECTRIC MANUFACTURING CO., Menominee, Mich., a corporation of Michigan. Republished by registrant.

SIGNAL

FOR ELECTRIC BELLS, BUZZERS, RELAYS, ELECTRIC BURGLAR ALARMS, ELECTRIC FANS, ELECTRIC PHONOGRAPH MOTORS, ELECTRIC MOTOR APPLIANCES—NAMELY, ALL TYPES OF MOTORS, MOTOR WINDING; AN ELECTRIC APPLIANCE WHICH MAKES POSSIBLE CONNECTIONS BETWEEN PHONOGRAPH RECORD AND RADIO LOUD SPEAKER BY THROWING THE SOUND WAVES THROUGH TWO OF THE RADIO TUBES; TELEGRAPH APPARATUS—NAMELY, RECEIVING AND SENDING TELEGRAPH INSTRUMENTS; WIRELESS APPARATUS—NAMELY, WIRELESS SENDING AND RECEIVING INSTRUMENTS.

Claims use since Sept. 1, 1919.

Reg. No. 310,873. Registered Mar. 13, 1934. ELECTRO-MASTER COMPANY, Detroit, Mich., assignor to Electromaster, Inc. Republished by Electromaster, Inc., Mount Clemens, Mich., a corporation of Michigan.

ELECTROMASTER

FOR ELECTRIC COOKING STOVES AND ELECTRICAL PARTS, SWITCHES AND CONNECTORS THEREFOR.

Claims use since July 26, 1929.

Reg. No. 322,050. Registered Feb. 26, 1935. WILLIAM J. HALLIGAN, doing business as "The Hallicrafters," Chicago, Ill. Republished by The Hallicrafters Co., Chicago, Ill., a corporation of Illinois.

The SKYRIDER

FOR RADIO RECEIVING SETS.

Claims use since February 1934.

Reg. No. 335,050. Registered May 19, 1936. THE ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.

IVORYLITE

FOR ELECTRIC SWITCH HANDLES, ELECTRIC OUTLETS, SWITCH PLATES, OUTLET PLATES AND COVER PLATES.

Claims use since Aug. 6, 1935.

Reg. No. 337,570. Registered Aug. 11, 1936. WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

WL

FOR ELECTRIC RHEOSTATS, ELECTRIC ILLUMINATION CONTROL APPARATUS FOR AFFECTING THE CONNECTIONS OF ELECTRIC LIGHT CIRCUITS AND THE CURRENT AND VOLTAGE, AND OF ELECTRIC LIGHTING DEVICES, ELECTRIC MOTOR STARTERS, ELECTRIC MOTOR CONTROLLERS FOR AFFECTING THE CIRCUITS AND OPERATION OF THE MOTORS, ELECTRIC RESISTORS BOTH FIXED AND ADJUSTABLE, ELECTRIC CIRCUIT BREAKERS, ELECTRIC RECTIFIERS, ELECTRIC THEATRE DIMMERS, ELECTRIC CONTACTORS, ELECTRIC BATTERY CHARGING CONTROLLERS, AND ELECTRIC CIRCUIT CONTROLLERS FOR CHANGING CIRCUIT CONNECTIONS IN A PREDETERMINED MANNER AND OTHERWISE.

Claims use since May 16, 1927.

Reg. No. 341,752. Registered Dec. 22, 1936. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

WIZARD *De Luxe*

FOR SPARK PLUGS AND SPARK PLUG PORCELAINS.

Claims use since May 6, 1936.

Reg. No. 348,143. Registered July 20, 1937. WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

HYSTERSET

FOR ELECTRIC ILLUMINATION CONTROL APPARATUS FOR CHANGING THE CONNECTIONS OF ELECTRIC LIGHT CIRCUITS AND CONTROLLING THE CURRENT AND VOLTAGE OF ELECTRIC LIGHTING DEVICES, ELECTRIC RECTIFIERS, ELECTRIC CONTROL APPARATUS IN WHICH RECTIFIED CURRENT IS VARIED OR REGULATED, ELECTRIC THEATRE DIMMERS, ELECTRIC VOLTAGE REGULATORS, ELECTRIC GENERATOR FIELD REGULATORS AND ELECTRIC CIRCUIT CONTROLLERS FOR CHANGING CIRCUIT CONNECTIONS IN A PREDETERMINED MANNER.

Claims use since June 27, 1934.

Reg. No. 348,307. Registered July 20, 1937. WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

AUTRASTAT

FOR ELECTRIC CONTROL APPARATUS FOR CONTROLLING AND VARYING THE CURRENT AND VOLTAGE OF ELECTRIC CIRCUITS, ELECTRIC THEATRE DIMMERS, ALTERNATING CURRENT APPARATUS FOR CONTROLLING AND VARYING THE CURRENT AND VOLTAGE OF CONSUMPTION CIRCUITS AND AUTO-TRANSFORMERS.

Claims use since Feb. 24, 1937.

Reg. No. 396,090. Registered June 30, 1942. AMERICAN FLUORESCENT LIGHTING CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

Friolite

FOR FLUORESCENT LAMPS, ELECTRICAL LIGHTING FIXTURES, ELECTRICAL APPLIANCES—NAMELY, BULBS, STARTERS, STARTER SWITCHES, STARTER SOCKETS, LAMPHOLDERS, COMPENSATORS, BALLASTS, TRANSFORMERS, REACTORS, CAPACITORS, CONDENSERS, CHOKE COILS, COILS, RESISTORS, RELAYS, AND AUXILIARIES.

Claims use since May 1, 1941.

Reg. No. 423,605. Registered Sept. 3, 1946. AFFILIATED RETAILERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ARTONE

FOR RADIO RECEIVING SETS—NAMELY, MANTEL SETS, CONSOLE SETS, PORTABLES AND RADIO PHONOGRAPH COMBINATION SETS.

Claims use since Nov. 23, 1945.

Reg. No. 424,180. Registered Sept. 24, 1946. PAUL ELLIOTT GREENBLAT, Brooklyn, N. Y. Republished by registrant.

ELLIOTT

CROWN

The word "Elliott" is disclaimed apart from the mark as shown.

FOR ELECTRIC LAMPS.

Claims use since Aug. 20, 1945.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 211,403. Registered Apr. 13, 1926. BUFFALO WEAVING & BELTING COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.



"Buffalo" Quality

The word "Quality" is disclaimed apart from the mark as shown.

FOR WOVEN TRUNK STRAPS, WOVEN RAZOR STROPS, WOVEN SKATE STRAPS, AND WOVEN BAG STRAPS.

Claims use since on or about Aug. 2, 1920.

Reg. No. 233,736. Registered Oct. 11, 1927. KOHLER DIE & SPECIALTY COMPANY, De Kalb, Ill. Republished by Frantz Manufacturing Company, Sterling, Ill., a corporation of Illinois.

SPEED KING

FOR ROLLER SKATES.

Claims use since Jan. 17, 1922.

Reg. No. 289,563. Registered Dec. 1, 1931. WESTERN AUTO SUPPLY CO., Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Western Flyer

FOR BICYCLES, TRICYCLES.

Claims use since June 1, 1931.

Reg. No. 294,438. Registered May 24, 193[illegible]. CHICAGO ROLLER SKATE COMPANY, Chicago, Ill., a corporation of Arizona. Republished by registrant.



The representation of a skate is disclaimed apart from the mark as shown.

FOR ROLLER SKATES.

Claims use since January 1907.

Reg. No. 294,439. Registered May 24, 1932. CHICAGO ROLLER SKATE COMPANY, Chicago, Ill., a corporation of Arizona. Republished by registrant.



The representation of a skate is disclaimed apart from the mark as shown.

FOR ROLLER SKATES.

Claims use since January 1907.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 70,024. Registered July 21, 1908. THE OSTER MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

OSTER

FOR THREAD CUTTING TOOLS, MACHINES AND DEVICES.

Claims use since about March 1894.

Reg. No. 98,123. Registered July 7, 1914. BOETTCHER & KELLOGG CO., Evansville, Ind., a corporation of Indiana. Republished by registrant.

Bee-Kay

FOR SAWS, HATCHETS, CLAW-HATCHETS, SHINGLING-HATCHETS, RIG-BUILDERS' HATCHETS, AXES, HALF-AXES, BROAD AXES, SHIP-AXES, ROOFING-SHEARS, POCKET-HAMMERS, AND DATZ HATCHETS.

Claims use since Sept. 15, 1913.

Reg. No. 18,287. Registered Jan. 8, 1924. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

FAVORITE

FOR WRENCHES AND PARTS THEREOF.
Claims use since July 1894.

Reg. No. 205,320. Registered Nov. 3, 1925. THE DORR COMPANY, New York, N. Y. Republished by The Dorr Company (1943), New York, N. Y., a corporation of Delaware.

DORRCO

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS—NAMELY, AGITATORS, SEWAGE CLARIFIERS, WATER CLARIFIERS, CANE-JUICE CLARIFIERS, CLASSIFIERS, BOWL CLASSIFIERS, THICKENERS, TRAY THICKENERS, WASHERS, ROTARY CONVEYERS, SAVEALLS, SLURRY MIXERS, AND CORD DIAPHRAGMS FOR PUMPS
Claims use since Sept. 15, 1923.

Reg. No. 227,553. Registered May 10, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

TANNATE

FOR LUG STRAPS, LOOM STRAPS, HARNESS STRAPS, PICKER STRAPS, CHECK STRAPS, DOBBY STRAPS, AND BEATER STRAPS FOR USE ON TEXTILE MACHINERY.
Claims use since July 19, 1926.

Reg. No. 248,626. Registered Oct. 23, 1928. THE DORR COMPANY, New York, N. Y. Republished by The Dorr Company (1943), New York, N. Y., a corporation of Delaware.

DETRITOR

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS, AND MORE PARTICULARLY FOR THE CLASSIFICATION OF SUSPENDED SOLIDS AND THE REMOVAL OF SUCH SOLIDS—NAMELY, CLASSIFIERS, BOWL CLASSIFIERS AND MECHANICALLY CLEANED GRIT CHAMBERS.
Claims use since Feb. 21, 1928.

Reg. No. 313,729. Registered June 5, 1934. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

BASA

FOR HAMMERS, MALLETS, AND MAULS.
Claims use since Nov. 24, 1933.

Reg. No. 333,894. Registered Apr. 14, 1936. THE NEW HAVEN VIBRATOR COMPANY, INC., New Haven, Conn. Republished by New Haven Vibrator Company, New Haven, Conn., a co-partnership.

1915 BRANFORD VIBRATORS

The word "Vibrators" is disclaimed apart from the mark as shown.
FOR PNEUMATIC TOOLS—NAMELY, VIBRATORS FOR FOUNDRY AND SIMILAR USE.
Claims use since on or about December 1915.

Reg. No. 343,811. Registered Mar. 9, 1937. BARRETT-CRAVENS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Barrett Handling Equipment

The representations of the goods and the words "Handling Equipment" are disclaimed.
FOR MATERIAL HANDLING EQUIPMENT—NAMELY, LIFT-TRUCKS, BARREL TRUCKS, ROCKERACKS.
Claims use since May 28, 1921.

Reg. No. 345,427. Registered Apr. 27, 1937. THE MARLIN FIREARMS COMPANY, New Haven, Conn., a corporation of Connecticut. Republished by registrant.

Marlin

FOR SAFETY RAZOR BLADES.
Claims use since on or about Nov. 1, 1935.

Reg. No. 378,112. Registered May 28, 1940. PARAMOUNT TEXTILE MACHINERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

PARAMOLD

FOR APPARATUS FOR BOARDING, BLOCKING OR SETTING THE SHAPE OF ARTICLES MADE FROM TEXTILE FABRIC, FLAT PIECE GOODS, OR TEXTILE YARNS OR THE COMPONENTS THEREOF.
Claims use since Nov. 16, 1939.

Reg. No. 379,331. Registered July 9, 1940. THE FAIRFIELD ENGINEERING COMPANY, Marion, Ohio, a corporation of Ohio. Republished by registrant.

Smoothflo

FOR PORTABLE CONVEYORS OF THE ADJUSTABLE BOOM TYPE USED FOR ELEVATING MATERIAL PILED ON THE GROUND.
Claims use since Jan. 30, 1940.

Reg. No. 386,827. Registered Apr. 22, 1941. WILLIAM SELLERS & COMPANY, INCORPORATED, Philadelphia, Pa. Republished by Consolidated Machine Tool Corporation, Rochester, N. Y., a corporation of Delaware.

POWER-FLOW

FOR PLANERS FOR METAL WORKING APPARATUS.
Claims use since Apr. 6, 1939.

Reg. No. 404,188. Registered Nov. 9, 1943. THE BUDA COMPANY, Harvey, Ill., a corporation of Illinois. Republished by registrant.

BUDA

FOR ENGINES—NAMELY, GASOLINE ENGINES, DIESEL ENGINES, NATURAL GAS ENGINES, AUTOMOTIVE ENGINES, MARINE ENGINES, AND ENGINES FOR BUSES, TRUCKS, TRACTORS, ROAD BUILDING EQUIPMENT, INDUSTRIAL POWER UNITS, AND GENERATOR SETS; PUMPS, POWER PUMPING UNITS; LIFTING JACKS, DRILLS, POWER PLANTS, AND RAILROAD MACHINERY AND TOOLS—NAMELY, TRACK DRILLS, BONDING DRILLS, TOOL GRINDERS, RAIL BENDERS, SWITCH STANDS, TIE PULLERS, TIE NIPPERS, TIE LINERS, CROSSING GATES, CAR REPLACERS, MECHANICAL SWITCHES, TIE TAMPERS, AND TRENCH BRACES, AND PARTS FOR EACH AND ALL OF THE FOREGOING.
Claims use since 1881.

Reg. No. 415,309. Registered Aug. 7, 1945. SYNTRON COMPANY, Homer City, Pa., a corporation of Delaware. Republished by registrant.

SYNTRON

FOR HYDRAULIC AND PNEUMATIC VIBRATORS AND THEIR CONTROLS FOR USE IN VIBRATING, INDUSTRIAL FEEDING, CONVEYING, SCREENING AND OTHER APPARATUS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Dec. 1, 1922.

Reg. No. 427,561. Registered Feb. 11, 1947. PORST BROTHERS, Chicago, Ill., assignor to Porst Bros. Mfg. Co., Chicago, Ill. Republished by Porst Bros. Mfg. Co., Chicago, Ill., a corporation of Illinois.

Levermatic

FOR COLLET CHUCKS.
Claims use since Apr. 3, 1946.

Reg. No. 431,617. Registered July 29, 1947. ADAMS PLASTICS CO., INC., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

Pakkawood

FOR CUTLERY HANDLES AND PICKER STICKS MADE OF WOOD.
Claims use since January 1945.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 358,263. Registered July 5, 1938. PARAMOUNT TEXTILE MACHINERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

PARAFLEX

FOR GARMENT DRYING FORMS SUCH AS FORMS USED FOR DRYING OR SHAPING HOSIERY OR OTHER ARTICLES OF WEARING APPAREL.
Claims use since Sept. 14, 1937.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 356,669. Registered May 10, 1938. BAILEY METER COMPANY, Cleveland, Ohio, a corporation of Delaware. Republished by registrant.

SYNCHRO-METER

The word "Meter" per se is disclaimed apart from the mark as shown.
FOR QUANTITY MEASURING APPARATUS OF FLOWING FLUIDS INCLUDING RECORDERS, INDICATORS, AND INTEGRATORS AND CHARTS AND ACCESSORIES THEREFOR.
Claims use since about June 4, 1936.

Reg. No. 397,956. Registered Sept. 29, 1942. JOSEPH P. LANNEN, doing business as Commerce Pattern, Foundry & Machine Company, Detroit, Mich. Republished by Micro-Poise Engineering and Sales Company, Detroit, Mich., a partnership.

MICRO-POISE

FOR MACHINES FOR TESTING BALANCE OF TIRES AND OTHER CIRCULAR MEMBERS ADAPTED FOR ROTATION, AND ALSO MACHINES FOR TESTING AND CORRECTING SUCH BALANCE.
Claims use since July 5, 1928.

Reg. No. 412,045. Registered Feb. 13, 1945. FLANNERY BOLT COMPANY, Bridgeville, Pa., a corporation of Pennsylvania. Republished by registrant.

ELECTELL

FOR APPARATUS FOR REVEALING DEFECTS IN METAL MEMBERS BY MEASURING THEIR ELECTRICAL RESISTANCE.
Claims use since Oct. 4, 1935.

Reg. No. 432,481. Registered Sept. 2, 1947. LOWELL AND GRAYSON MANUFACTURING COMPANY, Monrovia, Calif., a corporation of California. Republished by registrant.

Trimatic

FOR THERMOSTATICALLY CONTROLLED GAS VALVES AND THERMOSTATIC VALVES EMBODYING AUTOMATIC HIGH TEMPERATURE SAFETY AND SAFETY PILOT FEATURES.
Claims use since June 1, 1946.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 313,752. Registered June 5, 1934. THE WILLIAMS AND ANDERSON COMPANY, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

CWO A

FOR JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES.
Claims use since January 1918.

CLASS 30

CROCKERY, EARTHENWARE, AND PORCELAIN

Reg. No. 376,478. Registered Mar. 26, 1940. GEORGE KOCH SONS, INC., Evansville, Ind., a corporation of Indiana. Republished by registrant.

"EASY-GRO"

FOR FLOWER POTS MADE OF CERAMICS.
Claims use since September 1938.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 274,963. Registered Sept. 9, 1930. NORGE CORPORATION, Detroit, Mich. Republished by Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois.

Rollator

FOR ELECTRIC REFRIGERATORS AND PARTS THEREOF.
Claims use since Apr. 1, 1930.

Reg. No. 398,116. Registered Oct. 13, 1942. BORG-WARNER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ROLLATOR

FOR FLUID PUMPS AND PARTICULARLY REFRIGERANT COMPRESSORS.
Claims use since Apr. 1, 1930.

Reg. No. 419,533. Registered Feb. 19, 1946. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

WIZARD

FOR REFRIGERATORS.
Claims use since May 21, 1937.

Reg. No. 428,805. Registered Apr. 1, 1947. FILTRATION ENGINEERS, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.



FOR AUTOMATIC VACUUM FILTERS, AUTOMATIC SAND FILTERS, NONATOMIZING WASH FILTERS, VACUUM DISCHARGE FILTERS, SCRAPERLESS FILTERS AND CHEMICAL DRIERS, FILTER-CAKE COMPRESSORS, DRYING SYSTEMS, AND DRUM TYPE DRIERS USED IN CONNECTION WITH FILTERS OR FILTERING APPARATUS AND CONSTITUTING A PART THEREOF.
Claims use since Aug. 1, 1919.

Reg. No. 429,458. Registered Apr. 29, 1947. FILTRATION ENGINEERS, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.

FE INC

The notation "Inc." is disclaimed apart from the mark as shown.
FOR AUTOMATIC VACUUM FILTERS, AUTOMATIC SAND FILTERS, NONATOMIZING WASH FILTERS, VACUUM DISCHARGE FILTERS, SCRAPERLESS FILTERS AND CHEMICAL DRIERS, FILTER-CAKE COMPRESSORS, DRYING SYSTEMS, AND DRUM TYPE DRIERS USED IN CONNECTION WITH FILTERS OR FILTERING APPARATUS AND CONSTITUTING A PART THEREOF.
Claims use since Aug. 1, 1919.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 240,673. Registered Apr. 3, 1928. THE TUBULAR PRODUCTS COMPANY, Southington, Conn. Republished by Smokador Manufacturing Co., Inc., Bloomfield, N. J., a corporation of Delaware.

Ashagon

FOR SMOKERS' STANDS ON PEDESTALS.
Claims use since Aug. 1, 1927.

Reg. No. 334,060. Registered Apr. 21, 1936. THE FORT MASSAC CHAIR COMPANY, Metropolis, Ill. Republished by Metropolis Bending Company, Metropolis, Ill., a corporation of Illinois.

WOOD-FLEX

The word "Wood" is disclaimed.
FOR CHAIRS.
Claims use since about Nov. 15, 1935.

Reg. No. 382,488. Registered Oct. 29, 1940. SIMMONS COMPANY, New York, N. Y., a corporation of Delaware. Republished by registrant.

Hide-A-Bed Sofa

The names "Bed and Sofa" are disclaimed apart from the mark as shown.
FOR SOFAS AND BEDS.
Claims use since Mar. 29, 1940.

Reg. No. 416,624. Registered Sept. 25, 1945. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

LITTLE CHIEF

FOR HIGH CHAIRS, ROCKING CHAIRS, HARDWOOD CHAIRS, UPHOLSTERED ROCKERS, PLAY PENS, BABY CRIBS, ARM CHAIR ROCKERS, DESK AND CHAIR SETS, TABLE AND TWO CHAIR SETS, AND OAK ROCKERS.
Claims use since Mar. 27, 1944.

Reg. No. 430,036. Registered June 3, 1947. GOLD CROSS MATTRESS CORP., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The drawing is lined for the colors blue and gold. The words "Comfortable," "Durable," "Hygienic," and "Restful" are disclaimed apart from the mark as shown.
FOR MATTRESSES, BEDS, STUDIO COUCHES, SOFAS, UPHOLSTERED CHAIRS, AND HEAD BOARDS FOR BEDS.
Claims use since 1903.

CLASS 33

GLASSWARE

Reg. No. 282,997. Registered May 12, 1931. PRESSED PRISM PLATE GLASS COMPANY, Chicago, Ill., a corporation of West Virginia. Republished by registrant, present location Morgantown, W. Va.

"Imperial"

FOR GLASS.
Claims use since May 15, 1904.

Reg. No. 429,166. Registered Apr. 22, 1947. SEMON BACHE & COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR SHEET AND PICTURE GLASS.
Claims use since Feb. 1, 1904.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 172,839. Registered Sept. 11, 1923. THE KEELEY STOVE COMPANY, Columbia, Pa., a corporation of Pennsylvania. Republished by registrant.

COLUMBIAN

FOR COAL, WOOD AND GAS COOKING AND HEATING STOVES AND RANGES; COAL-BURNING FURNACES AND GAS AND COAL HOT-WATER HEATERS.
Claims use since February 1890.

Reg. No. 175,783. Registered Nov. 13, 1923. THE KEELEY STOVE COMPANY, Columbia, Pa., a corporation of Pennsylvania. Republished by registrant.

Columbian

FOR COAL, WOOD AND GAS COOKING AND HEATING STOVES AND RANGES; COAL-BURNING FURNACES AND GAS AND COAL HOT-WATER HEATERS.
Claims use since February 1890.

Reg. No. 239,830. Registered Mar. 13, 1928. WILLIAMS OIL-O-MATIC HEATING CORPORATION, Bloomington, Ill. Republished by Eureka Williams Corporation, Bloomington, Ill., a corporation of Michigan.

OIL-O-MATIC

FOR LIQUID FUEL BURNING DEVICES.
Claims use since on or about Aug. 1, 1921.

Reg. No. 288,055. Registered Oct. 20, 1931. THE MALLEABLE STEEL RANGE MFG. CO., South Bend, Ind. Republished by J. W. Fiske Iron Works, New York, N. Y., a corporation of New Jersey.

YARD BOY
SPARK-PROOF
INCINERATOR

The words "Spark-Proof Incinerator" are disclaimed apart from the mark as shown.
FOR RUBBISH INCINERATOR.
Claims use since Dec. 30, 1929.

Reg. No. 329,697. Registered Nov. 5, 1935. BORG-WARNER CORPORATION, Chicago, Ill., and Detroit, Mich., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

WHIRLATOR

FOR OIL BURNERS AND PARTS THEREOF.
Claims use since on or about Mar. 27, 1935.

Reg. No. 415,329. Registered Aug. 7, 1945. STEWART-WARNER CORPORATION, Chicago, Ill., a corporation of Virginia. Republished by registrant.

SOUTH WIND

FOR LIQUID FUEL COMBUSTION HEATERS—NAMELY, SPACE HEATERS FOR HEATING ROOMS, GARAGES, CABINS, AIRCRAFT CABINS, HOSPITAL AND FIELD TENTS, AND THE LIKE, AND HEATERS FOR LOCALIZED HEATING FOR WARMING ENGINES, MILK PAILS, OIL SUMPS, RUNNING AND RETRACTABLE AIRCRAFT MECHANISMS AND THE LIKE, AND FOR PREHEATING VATS CONTAINING MATERIAL OF HIGH VISCOSITY AND THE LIKE.
Claims use since Sept. 23, 1936.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 56,567. Registered Oct. 9, 1906. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant, present location Philadelphia, Pa.

TANNATE

FOR LEATHER BELTING AND LEATHER PACKING.
Claims use since Feb. 1, 1895.

Reg. No. 86,332. Registered Apr. 30, 1912. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

GILT

EDGE

FOR FLAT LEATHER BELTING.
Claims use since about Mar. 13, 1895.

Reg. No. 90,968. Registered Apr. 8, 1913. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

RELIANCE

FOR LEATHER BELTING.
Claims use since 1890.

Reg. No. 136,909. Registered Nov. 9, 1920. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant, present location Philadelphia, Pa.

GRIP-O-TAN

FOR FLAT LEATHER BELTING.
Claims use since Jan. 7, 1920.

Reg. No. 137,570. Registered Nov. 30, 1920. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

RELIANCE

FOR LEATHER BELTING.
Claims use since 1890.

Reg. No. 142,727. Registered May 17, 1921. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant, present location Philadelphia, Pa.

TEECONE

FOR FLAT LEATHER BELTING.
Claims use since Aug. 12, 1920.

Reg. No. 145,187. Registered July 26, 1921. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant, present location Philadelphia, Pa.

J.E.RHOADS
& SONS

FOR LEATHER BELTING.
Claims use since about 1890.

Reg. No. 145,627. Registered Aug. 16, 1921. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

FOR LEATHER BELTING.
Claims use since 1914.

Reg. No. 181,231. Registered Mar. 18, 1924. BUFFALO WEAVING & BELTING COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.



The drawing consists of blue and brown stripes applied by weaving into the body of the belting which is white, the blue stripes are next to the edge of the belting and the brown stripes are on the central part of the belting.
FOR COTTON BELTING.
Claims use since May 14, 1923.

Reg. No. 191,881. Registered Nov. 18, 1924. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

PALCO

FOR PACKINGS FOR WEARING AND BEARING PARTS OF MACHINES AND MECHANICAL DEVICES, BEING PACKINGS MADE OF COTTON YARN LUBRICATED WITH A GRAPHITE GREASE LUBRICANT.
Claims use since 1921.

Reg. No. 230,737. Registered Aug. 2, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

SPEEDOLITE

FOR WOVEN FABRIC BELTS.
Claims use since Mar. 11, 1927.

Reg. No. 252,893. Registered Feb. 19, 1929. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

STRONGHOLD
J.E.RHOADS & SONS

WATERSHED

The word "Waterahed" is disclaimed apart from the mark as shown.
FOR LEATHER BELTING.
Claims use since Oct. 5, 1925.

Reg. No. 333,822. Registered Apr. 7, 1936. THE SPIEGEL, MAY, STERN COMPANY, INCORPORATED, Chicago, Ill. Republished by Spiegel, Inc., Chicago, Ill., a corporation of Delaware.

GATEWAY

FOR PNEUMATIC VEHICLE TIRES AND INNER TUBES THEREFOR.
Claims use since February 1933.

Reg. No. 333,964. Registered Apr. 14, 1936. THE SPIEGEL, MAY, STERN COMPANY, INCORPORATED, Chicago, Ill. Republished by Spiegel, Inc., Chicago, Ill., a corporation of Delaware.

ARGYLE

FOR PNEUMATIC VEHICLE TIRES AND INNER TUBES THEREFOR.
Claims use since January 1929.

Reg. No. 362,452. Registered Nov. 15, 1938. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

GLASO

FOR MACHINERY PACKINGS OF ALL KINDS, PARTICULARLY PACKINGS MADE OF GLASS YARN FOR USE WHERE ACIDS ARE PRESENT.
Claims use since May 21, 1938.

Reg. No. 388,786. Registered July 8, 1941. CHICAGO BELTING COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Aero—Seal

The word "Seal" is disclaimed apart from the mark as shown.
FOR SYNTHETIC RUBBER PACKING.
Claims use since Nov. 1, 1940.

Reg. No. 427,180. Registered Jan. 28, 1947. GREENE, TWEED & CO., New York, N. Y., a corporation of New York. Republished by registrant.

PALMETTO Pyramid

FOR MACHINERY PACKING.
Claims use since Mar. 1, 1946.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 228,592. Registered June 7, 1927. THE FRED GRETSCH MFG. CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.



The words "Turkish Cymbal (Cymbal) Dish-Shaped Musical Instrument of Brass, Used in Pairs to Produce a Sharp Ringing Sound by Clashing Them Together," "Paris, Londres, Trade-Mark, De Constantinople," the representation of the cymbals, the words and numeral "Founded in 1603" in both Turkish and French, and the words "Beware of Imitations" in both English and French, are disclaimed apart from the mark as shown.
FOR CYMBALS.
Claims use since Apr. 20, 1926.

Reg. No. 310,866. Registered Mar. 13, 1934. KOHLER & CAMPBELL, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Stultz & Bauer.

FOR PIANOS.
Claims use since 1880.

Reg. No. 310,869. Registered Mar. 13, 1934. KOHLER & CAMPBELL, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Behr Bros. & Co.

FOR PIANOS.
Claims use since 1882.

Reg. No. 433,041. Registered Sept. 23, 1947. KOHLER & CAMPBELL, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Mc Phail

FOR PIANOS.
Claims use since Jan. 1, 1837.

Reg. No. 433,042. Registered Sept. 23, 1947. KOHLER & CAMPBELL, INC., New York, N. Y., a corporation of New York. Republished by registrant.

KROEGER

FOR PIANOS.
Claims use since Jan. 1, 1853.

CLASS 37

PAPER AND STATIONERY

Reg. No. 189,531. Registered Sept. 23, 1924. HORDER'S, INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MULTIFAX

FOR LOOSE-LEAF DEVICES (BINDERS, COVERS, AND HOLDERS), LOOSE-LEAF ACCOUNTING OUTFITS AND SYSTEMS (ASSEMBLED), LOOSE-LEAF LEDGER OUTFITS AND SYSTEMS (ASSEMBLED), AND LOOSE-LEAF FORMS (PRINTED ONLY, RULED ONLY, AND RULED AND PRINTED COMBINED).
Claims use since Mar. 13, 1924.

Reg. No. 203,650. Registered Sept. 22, 1925. THE TUTTLE PRESS COMPANY, Appleton, Wis., a corporation of Wisconsin. Republished by registrant.

CRINKLE CREPE MRow

The words "Crinkle" and "Crepe" are disclaimed apart from the mark as shown.
FOR CREPE PAPER.
Claims use since Apr. 1, 1924.

Reg. No. 209,486. Registered Feb. 23, 1926. THE TUTTLE PRESS COMPANY, Appleton, Wis., a corporation of Wisconsin. Republished by registrant.

FLORETTA

FOR FLORISTS' CREPE PAPER.
Claims use since Sept. 1, 1925.

Reg. No. 228,671. Registered June 7, 1927. THE TUTTLE PRESS COMPANY, Appleton, Wis., a corporation of Wisconsin. Republished by registrant.

PHEASANT

FOR CREPE PAPER.
Claims use since Jan. 14, 1927.

Reg. No. 267,038. Registered Feb. 11, 1930. SAN-NAP-PAK MANUFACTURING COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SANETTES

FOR COLD CREAM REMOVER MADE IN THE FORM OF PAPER NAPKINS.
Claims use since Mar. 1, 1929.

Reg. No. 312,160. Registered Apr. 17, 1934. REVERSIBLE COLLAR COMPANY, doing business as Middlesex Products Company, Cambridge, Mass. Republished by Middlesex Products Corporation, Cambridge, Mass., a corporation of Massachusetts.



FOR COATED PAPER WITH GLAZED, PLAITED, OR EMBOSSED FINISH USED IN MANUFACTURING FOR COVERING PAPER BOXES; FOR WRAPPERS, LABELS, BANDS, AND THE LIKE; PAPER COATED FOR USE WITH RECORDING INSTRUMENTS, AND PAPER BACKED WITH AN ADHESIVE APPLIED LAYER OF CLOTH USED FOR MANUFACTURING TAGS, MAPS, CHARTS, DRAWINGS, SAFETY ENVELOPES, CHILDREN'S PICTURE BOOKS, BOOKLET COVERS, ADVERTISING, AND DISPLAY POSTERS, WORK TICKETS, AND THE LIKE.
Claims use since on or about Dec. 10, 1932.

Reg. No. 323,266. Registered Apr. 9, 1935. A. W. FABER, INC., Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

A.W. FABER
ARROWHEAD

The representation of the goods appearing on the drawing is disclaimed apart from the mark as shown.
FOR PENCILS AND RUBBER ERASERS.
Claims use since 1924.

Reg. No. 336,254. Registered June 30, 1936. HORDER'S, INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MARQUETTE

FOR LEAD PENCILS AND LEADS.
Claims use since Jan. 8, 1932.

Reg. No. 347,027. Registered June 15, 1937. A. W. FABER, INC., Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

A.W. FABER Radiant

FOR LEAD PENCILS, CRAYON PENCILS, INK PENCILS, RUBBER ERASERS, RUBBER BANDS, AND LEADS FOR MECHANICAL PENCILS.
Claims use since July 15, 1935.

Reg. No. 366,725. Registered Apr. 25, 1939. A. W. FABER, INC., doing business as Johann Faber, Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

BLACK MAGIC

FOR LEAD PENCILS, INK PENCILS AND CRAYON PENCILS.
Claims use since Sept. 1, 1938.

Reg. No. 368,271. Registered June 13, 1939. A. W. FABER, INC., doing business as Johann Faber, Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

MAPLE LEAF

FOR LEAD PENCILS, CRAYON PENCILS, INK PENCILS, AND MECHANICAL PENCILS.
Claims use since Sept. 1, 1938.

Reg. No. 371,322. Registered Sept. 19, 1939. HOLDEN'S, INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Cellulook

FOR COVERS FOR PAPERS.
Claims use since May 11, 1939.

Reg. No. 386,744. Registered Apr. 22, 1941. BADGER PAPER COMPANY, Los Angeles, Calif., a co-partnership. Republished by registrant.

PENNANT

FOR TOILET PAPER, WAXED PAPER, CLEANSING TISSUE, PAPER TOWELS, PAPER NAPKINS, PAPER DOILIES, WRITING PAPER, SHELF PAPER AND ENVELOPES.
Claims use since Oct. 31, 1940.

Reg. No. 408,903. Registered Sept. 5, 1944. DEMOCRAT PRINTING & LITHOGRAPHING COMPANY, Little Rock, Ark., a corporation of Arkansas. Republished by registrant.

PIONEER

FOR INVOICES, STATEMENTS, LEDGER LEAVES AND PARTIALLY PRINTED LABELS.
Claims use since Jan. 1, 1943.

Reg. No. 410,371. Registered Nov. 21, 1944. MOUNTIES, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Mounties

FOR PHOTOGRAPHIC CORNER MOUNTINGS.
Claims use since July 31, 1941.

Reg. No. 420,857. Registered May 7, 1946. A. W. FABER, INC., Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

NEWS-WRITER

The word "Writer" is disclaimed apart from the mark as shown.
FOR WOOD ENCASED LEAD PENCILS.
Claims use since June 25, 1945.

Reg. No. 426,634. Registered Jan. 7, 1947. A. W. FABER, INC., Newark, N. J. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

A. W. FABER
NYLEX

FOR COMBINATION BRUSH AND RUBBER ERASER FOR TYPEWRITER USE.
Claims use since Aug. 15, 1945.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 61,437. Registered Mar. 19, 1907. CONFECTIONERS' JOURNAL PUBLISHING CO., INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

CONFECTIONERS JOURNAL

FOR PERIODICAL.
Claims use since 1874.

Reg. No. 202,231. Registered Aug. 18, 1925. GRIT PUBLISHING COMPANY, Williamsport, Pa., a corporation of Pennsylvania. Republished by registrant.

GRIT

The drawing is lined for shading. The words "America's Greatest Family Newspaper" are disclaimed apart from the mark as shown.
FOR WEEKLY NEWSPAPER.
Claims use since December 1882.

Reg. No. 232,434. Registered Sept. 6, 1927. NATAMSA PUBLISHING COMPANY, INC., New York, N. Y. Republished by Natamsa Publishing Company, Inc., New York, N. Y., a corporation of New York, assignor to Group Publishers, Inc., a corporation of New York.



FOR MONTHLY PUBLICATION.
Claims use since December 1921.

Reg. No. 390,686. Registered Sept. 30, 1941. THE SQUIRT COMPANY, Beverly Hills, Calif. Republished by The Squirt Company, Beverly Hills, Calif., a corporation of California.

THE SQUIRT Reporter

FOR MONTHLY TRADE PUBLICATION.
Claims use since June 1, 1939.

CLASS 39

CLOTHING

Reg. No. 124,275. Registered Jan. 28, 1919. WELLS-LAMONT MANUFACTURING COMPANY, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BROTHERHOOD

FOR LEATHER AND FABRIC GLOVES AND MITTENS.
Claims use since about Nov. 15, 1899.

Reg. No. 128,161. Registered Dec. 23, 1919. REVERSIBLE COLLAR COMPANY, Boston, Mass. Republished by Middlesex Products Corporation, doing business as Reversible Collar Company, Cambridge, Mass., a corporation of of Massachusetts.

Lintex

FOR COLLARS, CUFFS, AND SHIRT-BOSOMS.
Claims use since Oct. 31, 1918.

Reg. No. 204,861. Registered Oct. 27, 1925. REVERSIBLE COLLAR COMPANY, Boston, Mass. Republished by Middlesex Products Corporation, doing business as Reversible Collar Company, Cambridge, Mass., a corporation of of Massachusetts.

LINENE

FOR COLLARS, CUFFS, AND BOSOMS.
Claims use since on or about July 1, 1878.

Reg. No. 214,843. Registered July 6, 1926. GOLDMAN, SIMMONS & Co., Los Angeles, Calif. Republished by Hollyvogue Ties, Los Angeles, Calif., a corporation of California.

HOLLYVOGUE

FOR MEN'S NECKTIES.
Claims use since Dec. 1, 1925.

Reg. No. 214,899. Registered July 6, 1926. J. J. GROVER'S SONS COMPANY, Lynn, Mass. Republished by J. J. Grover Shoe Co., Inc., Haverhill, Mass., a corporation of Massachusetts.

GROVER SUPER TURN SHOE

The words "Turn Shoe" are disclaimed apart from the mark as shown.
FOR WOMEN'S, MISSES', AND CHILDREN'S SHOES, MADE WHOLLY OR IN PART OF LEATHER AND CLOTH.
Claims use since July 25, 1925.

Reg. No. 227,554. Registered May 10, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

TANNATE

FOR WHOLE SOLES, HALF SOLES, AND HAND LEATHERS USED IN HANDLING ROUGH MATERIALS.
Claims use since June 7, 1926.

Reg. No. 233,079. Registered Sept. 20, 1927. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y., a corporation of New York. Republished by registrant.

JACKNIFE

FOR LEATHER AND RUBBER BOOTS AND SHOES.
Claims use since about Apr. 19, 1927.

Reg. No. 233,080. Registered Sept. 20, 1927. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y., a corporation of New York. Republished by registrant.

FLASHLITE

FOR LEATHER AND RUBBER BOOTS AND SHOES.
Claims use since about Apr. 19, 1927.

Reg. No. 233,081. Registered Sept. 20, 1927. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y., a corporation of New York. Republished by registrant.

"SWANKS"

FOR LEATHER AND RUBBER BOOTS AND SHOES.
Claims use since about Mar. 16, 1927.

Reg. No. 271,418. Registered June 3, 1930. MOCK, JUDSON, VOEHRINGER CO., INC., Long Island City, N. Y. Republished by Mojud Hosiery Co. Inc., Long Island City, N. Y., a corporation of Delaware.

Diptgrain

FOR HOSIERY.
Claims use since Mar. 10, 1929.

Reg. No. 301,752. Registered Mar. 14, 1933. PERTH SHOE COMPANY LIMITED, Perth, Ontario, Canada. Republished by The Julian and Kokenge Company, Columbus, Ohio, a corporation of Ohio.

THE LOCKWEDGE SHOE

The word "Shoe" is disclaimed apart from the mark as shown.
FOR BOOTS, SHOES, SLIPPERS, AND SANDALS MADE OF LEATHER, FABRIC OR COMBINATIONS THEREOF.
Claims use since July 25, 1932.

Reg. No. 303,697. Registered June 6, 1933. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BUCK-TAN
MULE-HIDE



IT'S TOUGH

The words "Buck-Tan," "Mule-Hide," and "It's Tough" are disclaimed apart from the mark as shown.
FOR WORK GLOVES OF FABRIC AND COMBINED FABRIC AND LEATHER.
Claims use since Nov. 15, 1931.

Reg. No. 304,362. Registered July 4, 1933. ISADORE GROSSMAN, doing business as Grossman Clothing Co., New York, N. Y. Republished by Grossman Clothing Co., New York, N. Y., a partnership.



Groshire

FOR MEN'S SUITS, OVERCOATS, TOPCOATS AND TROUSERS.
Claims use since on or about Jan. 29, 1929.

Reg. No. 305,698. Registered Aug. 22, 1933. MOCK, JUDSON, VOEHRINGER CO., INC., Long Island City, N. Y. Republished by Mojud Hosiery Co., Inc., Long Island City, N. Y., a corporation of Delaware.

THIGH-MOLD

FOR HOSIERY.
Claims use since Feb. 28, 1933.

Reg. No. 306,536. Registered Sept. 19, 1933. AUSTIN G. KINGSTON, San Antonio, Tex. Republished by Kingston Manufacturing Company, San Antonio, Tex., a firm.

Mickey Boy

FOR WEARING APPAREL FOR BOYS AND GIRLS—NAMELY, HATS AND CAPS, COATS, SHIRTS, TROUSERS, JODHPURS, AND RIDING BREECHES.
Claims use since June 1932.

Reg. No. 308,909. Registered Dec. 26, 1933. PERTH SHOE COMPANY, LIMITED, Perth, Ontario, Canada. Republished by Lockwedge Shoe Corporation of America, Columbus, Ohio, a corporation of Ohio.

THE M. W. Locke SHOE
DESIGNED AND APPROVED BY
DR. M. W. LOCKE
WILLIAMSBURG. ONT. CANADA.

The words "Shoe," "Designed and Approved by," and "Williamsburg, Ont. Canada" are disclaimed apart from the mark as shown.
FOR BOOTS, SHOES, SLIPPERS, AND SANDALS OF LEATHER OR FABRIC OR COMBINATIONS THEREOF.
Claims use since Dec. 7, 1932.

Reg. No. 313,618. Registered June 5, 1934. NEUMODE HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

WALK AROUNDS

FOR HOSIERY.
Claims use since Jan. 8, 1934.

Reg. No. 313,619. Registered June 5, 1934. NEUMODE HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

BETTY BUDGET

FOR HOSIERY.
Claims use since Jan. 9, 1934.

Reg. No. 315,271. Registered July 24, 1934. NEUMODE HOSIERY CO., Kankakee and Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

SENSIBLES

FOR HOSIERY.
Claims use since Jan. 8, 1934.

Reg. No. 322,377. Registered Mar. 5, 1935. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

WHITE HORSE

FOR WORK GLOVES OF LEATHER.
Claims use since Oct. 25, 1934.

Reg. No. 324,700. Registered May 28, 1935. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



TOM & JERRY

The words "Ruff" and "Tuff" are disclaimed apart from the mark as shown.
FOR WORK GLOVES OF FABRIC AND COMBINED FABRIC AND LEATHER.
Claims use since Jan. 2, 1934.

Reg. No. 324,702. Registered May 28, 1935. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

Tuffy

FOR WORK GLOVES OF FABRIC AND COMBINED FABRIC AND LEATHER.
Claims use since Jan. 2, 1934.

Reg. No. 346,263. Registered May 18, 1937. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

Ritzee

FOR FABRIC GLOVES AND GLOVES OF COMBINED LEATHER AND FABRIC.
Claims use since Nov. 30, 1936.

Reg. No. 352,025. Registered Nov. 16, 1937. MASTERCRAFT SPECIALTIES, INC., New York, N. Y. Republished by Mastercraft Foundations, New York, N. Y., a limited partnership.

Master Molde

FOR CORSETS.
Claims use since June 1, 1936.

Reg. No 355,403. Registered Mar. 15, 1938. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

7 UP

FOR WORK GLOVES OF LEATHER OR COMBINED LEATHER AND FABRIC.
Claims use since Sept. 18, 1937.

Reg. No. 358,791. Registered July 26, 1938. THE JULIAN AND KOKENGE COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.



The words "Junior," "Shoe," and "Controls Normal Growth" are disclaimed apart from the mark as shown.
FOR CHILDREN'S AND GROWING GIRLS' SHOES MADE OF LEATHER AND FABRIC.
Claims use since Oct. 15, 1937.

Reg. No. 362,157. Registered Nov. 15, 1938. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The word "Satins" is disclaimed apart from the mark as shown. The drawing is lined to indicate red and black but applicant is not limited to these colors.
FOR MEN'S NECKTIES.
Claims use since June 1, 1937.

Reg. No. 362,160. Registered Nov. 15, 1938. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.



Certain parts of the mark are shaded for the color red, but applicant is not limited to this particular color.
FOR MEN'S NECKTIES.
Claims use since June 1, 1937.

Reg. No. 364,758. Registered Feb. 14, 1939. WEIL-KALTER MFG. CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.



ARTEMIS

FOR GARMENTS FOR LADIES AND CHILDREN—NAMELY, BLOOMERS, PANTIES, BRIEFS, VESTS, CHEMISES, PETTICOATS, SLIPS, GOWNS, AND PAJAMAS.
Claims use since July 5, 1938.

Reg. No. 371,987. Registered Oct. 17, 1939. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

Belle-Sharmeer
brev

FOR STOCKINGS.
Claims use since August 1932.

Reg. No. 371,988. Registered Oct. 17, 1939. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

Belle-Sharmeer
classic

FOR STOCKINGS.
Claims use since August 1932.

Reg. No. 371,989. Registered Oct. 17, 1939. WAYNE KNITTING MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

Belle-Sharmeer
modite

FOR STOCKINGS.
Claims use since August 1932.

Reg. No. 373,354. Registered Dec. 5, 1939. SOUTHERN MANUFACTURING COMPANY, Nashville, Tenn., a corporation of Tennessee. Republished by registrant.

Day by Day

FOR DRESS SHIRTS, WORK SHIRTS, AND SPORT SHIRTS, AND PANTS.
Claims use since Mar. 1, 1938.

Reg. No. 377,222. Registered Apr. 23, 1940. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BROWN BOMBER

FOR WORK GLOVES OF COMBINED LEATHER AND FABRIC.
Claims use since Oct. 4, 1939.

Reg. No. 379,012. Registered June 25, 1940. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

JACK-N-JENNY

FOR WORK GLOVES OF COMBINED LEATHER AND FABRIC.
Claims use since Jan. 12, 1940.

Reg. No. 379,029. Registered June 25, 1940. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

CLAW HAND

FOR WORK GLOVES OF RUBBER-DIPPED FABRIC.
Claims use since Jan. 15, 1940.

Reg. No. 379,447. Registered July 9, 1940. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Republished by National Hosiery Mills, Inc., Indianapolis, Ind., a corporation of Indiana.

Solitaire
STOCKINGS

The word "Stockings" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since Jan. 15, 1940.

Reg. No. 380,631. Registered Aug. 27, 1940. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

MEMBER OF THE MULE FAMILY

FOR WORK GLOVES OF COMBINED LEATHER AND FABRIC.
Claims use since Jan. 15, 1940.

Reg. No. 381,581. Registered Oct. 1, 1940. CONSOLIDATED SHOE CORPORATION, Cincinnati, Ohio. Republished by Roth, Rauh & Heckel, Inc., Ripley, Ohio, a corporation of Ohio.

Pillo-TRED

The word "Tred" is disclaimed apart from the mark as shown in the drawing.
FOR WOMEN'S SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since Oct. 10, 1939.

Reg. No. 381,644. Registered Oct. 1, 1940. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y., a corporation of New York. Republished by registrant.



FOR SHOES OF LEATHER, RUBBER, FABRIC, OR ANY COMBINATIONS OF SUCH MATERIALS.
Claims use since Apr. 22, 1940.

Reg. No. 382,844. Registered Nov. 12, 1940. WHITE ROCK UNIFORM COMPANY, Lynchburg, Va., a firm. Republished by registrant.

WHITE ROCK UNIFORM CO. THE PEAK OF VALUE

The word "Value" is disclaimed apart from the mark as shown.

FOR WOMEN'S UNIFORMS—NAMELY, NURSES' AND MAIDS' UNIFORMS.

Claims use since Mar. 15, 1940.

Reg. No. 382,972. Registered Nov. 19, 1940. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

MEMBER OF THE HORSE FAMILY

The word "Horse" is disclaimed apart from the mark as shown.

FOR WORK GLOVES OF LEATHER.

Claims use since Feb. 29, 1940.

Reg. No. 383,621. Registered Dec. 17, 1940. MORRIS PRESS, doing business as Press Dress & Uniform Co., Hummelstown, Pa. Republished by Press Dress & Uniform Co., Hummelstown, Pa., a firm.

"Style Kist" A California fashion

The words "Style" and "a California Fashion" are disclaimed apart from the mark as shown.

FOR UNIFORMS FOR MAIDS, NURSES, BEAUTICIANS, ATTENDANTS, WAITRESSES, INDUSTRIAL WORKERS, TAVERN KEEPERS, LAUNDRY WORKERS, AND TECHNICIANS.

Claims use since Feb. 23, 1940.

Reg. No. 383,849. Registered Dec. 24, 1940. WILSON BROTHERS, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VIKING

FOR MEN'S NECKTIES.

Claims use since June 4, 1940.

Reg. No. 385,024. Registered Feb. 11, 1941. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y., a corporation of New York. Republished by registrant.

Johnsonia

FOR WOMEN'S SHOES OF LEATHER, RUBBER, FABRIC, OR ANY COMBINATIONS OF SUCH MATERIALS.

Claims use since about Sept. 17, 1940.

Reg. No. 388,057. Registered June 10, 1941. WELLS LAMONT SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



FOR WORK GLOVES.

Claims use since Nov. 15, 1931.

Reg. No. 388,726. Registered July 8, 1941. WELLS LAMONT SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

MISSOURI MULE

The word "Missouri" is disclaimed apart from the mark as shown.

FOR WORK GLOVES.

Claims use since May 20, 1932.

Reg. No. 392,126. Registered Dec. 9, 1941. GLOVECRAFT, INC., Johnstown, N. Y., a corporation of New York. Republished by registrant.

"Handout"

FOR LADIES' WOOL-LINED LEATHER MITTENS.

Claims use since July 1, 1941.

Reg. No. 394,759. Registered Apr. 28, 1942. BYER-ROLNICK CO., Garland, Tex., a corporation of Texas. Republished by registrant.

SILVER STREAK

FOR MEN'S HATS.

Claims use since Jan. 3, 1934.

Reg. No. 396,193. Registered June 30, 1942. STEIN BROTHERS, New York, N. Y., a firm. Republished by registrant.

ZipperKing

The word "Zipper" is disclaimed apart from the mark as shown.

FOR MEN'S TOPCOATS AND OVERCOATS.

Claims use since Jan. 2, 1941.

Reg. No. 400,898. Registered Apr. 6, 1943. A. H. SCHREIBER CO., New York, N. Y. Republished by A. H. Schreiber Co., Inc., New York, N. Y., a corporation of New York.

THANK CUE

FOR LADIES' PANTIES.

Claims use since Oct. 29, 1940.

Reg. No. 404,241. Registered Nov. 16, 1943. WELLS LAMONT SMITH CORPORATION, Chicago, Ill., now by change of name Wells Lamont Corporation. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



The representation of the goods is disclaimed. The drawing is lined for the color grayish white and representing a white horse.

FOR WORK GLOVES.

Claims use since Oct. 25, 1934.

Reg. No. 406,515. Registered Apr. 11, 1944. WELLS LAMONT SMITH CORPORATION, Chicago, Ill., now by change of name Wells Lamont Corporation. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

LUMBERJACK

FOR WORK GLOVES.

Claims use since Feb. 5, 1934.

Reg. No. 407,802. Registered June 27, 1944. L. NACHMAN & SONS, Philadelphia, Pa. Republished by L. Nachman & Son, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

SWIRL

FOR WOMEN'S AND MISSES' TEXTILE APRONS.

Claims use since Jan. 14, 1944.

Reg. No. 409,560. Registered Oct. 10, 1944. STEIN BROTHERS, New York, N. Y., a firm. Republished by registrant.

RAUNCHY

FOR MEN'S AND BOYS' SUITS, COATS, TROUSERS, AND SPORT COATS, AND LADIES' SUITS AND COATS.

Claims use since September 1943.

Reg. No. 413,157. Registered Apr. 10, 1945. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y., a corporation of New York. Republished by registrant.

Suzies

FOR GIRLS' AND MISSES' SHOES MADE OF LEATHER, FABRIC, RUBBER, OR COMBINATIONS THEREOF.

Claims use since about Sept. 28, 1944.

Reg. No. 419,312. Registered Feb. 12, 1946. THE HANDKERCHIEF CORPORATION OF AMERICA, Los Angeles, Calif., a corporation of California. Republished by registrant.

Cali-beauti

The word "Beauti" is disclaimed apart from the mark as shown.

FOR HANDKERCHIEFS, BELTS FOR OUTER WEAR, SUSPENDERS, AND SCARFS.

Claims use since 1939.

Reg. No. 421,052. Registered May 14, 1946. HOLLYVOGUE TIES, Los Angeles, Calif., a corporation of California. Republished by registrant.

FOR NECKTIES.

Claims use since August 1941.

Reg. No. 421,966. Registered June 25, 1946. WEIL-KALTER MANUFACTURING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

"IMAGE"

FOR GARMENTS FOR WOMEN AND MISSES—NAMELY, BLOOMERS, PANTIES, VESTS, CHEMISES, PETTICOATS, SLIPS, NIGHTGOWNS, AND PAJAMAS.
Claims use since Aug. 15, 1945.

Reg. No. 427,701. Registered Feb. 18, 1947. HOLLYVOGUE TIES, Los Angeles, Calif., a corporation of California. Republished by registrant.

Norinco

FOR MEN'S NECKTIES.
Claims use since June 1, 1942.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 227,420. Registered May 3, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



FOR MOCCASIN LACES AND SHOE STRINGS.
Claims use since July 9, 1926.

Reg. No. 276,539. Registered Oct. 21, 1930. THE LADIN SALES CO., New York, N. Y. Republished by Economy Bias Binding Co., Inc., New York, N. Y., a corporation of New York.

La Salle



FOR PIPING AND BIAS BINDINGS.
Claims use since on or about Apr. 8, 1930.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 31,907. Registered Aug. 30, 1898. THE KERATOL COMPANY, Newark, N. J. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.



FOR TEXTILE MATERIAL PROVIDED WITH A FLEXIBLE WATER-PROOF COATING.
Claims use since on or about April 1, 1898.

Reg. No. 103,458. Registered Apr. 6, 1915. M. J. WHITTALL, Worcester, Mass. Republished by M. J. Whittall Associates, Inc., Worcester, Mass., a corporation of Massachusetts.

Royal Worcester

FOR TEXTILE RUGS AND CARPETS.
Claims use since June 1, 1908.

Reg. No. 116,815. Registered May 29, 1917. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BOOTT

FOR COTTON PIECE GOODS.
Claims use since March 1882.

Reg. No. 126,184. Registered July 29, 1919. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.



FOR COTTON CRASH TOWELING.
Claims use since March 1882.

Reg. No. 195,830. Registered Mar. 3, 1925. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

SECURITY

FOR TOWELS AND TOWELING.
Claims use since Sept. 22, 1914.

Reg. No. 223,913. Registered Feb. 15, 1927. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

LUSTRE SCRIM

The word "Scrim" is disclaimed apart from the mark as shown.
FOR SCRIM SASH CURTAINS.
Claims use since Nov. 1, 1924.

Reg. No. 233,498. Registered Oct. 4, 1927. THE ATLANTIC MILLS, Olneyville, R. I., and Stottville, N. Y. Republished by A. D. Juilliard & Co., Inc., New York, N. Y., a corporation of Delaware.

Juillura

FOR WOOLEN TEXTILE FABRICS IN THE PIECE.
Claims use since Dec. 15, 1926.

Reg. No. 233,562. Registered Oct. 4, 1927. THE ATLANTIC MILLS, Olneyville, R. I. Republished by A. D. Juilliard & Co., Inc., New York, N. Y., a corporation of Delaware.

Juvelaine

FOR WOOLEN DRESS GOODS IN THE PIECE.
Claims use since Sept. 1, 1925.

Reg. No. 238,777. Registered Feb. 14, 1928. APPLETON WOOLEN MILLS, Appleton, Wis., a corporation of Wisconsin. Republished by registrant.



FOR WOOLEN OVERCOATING AND WOOLEN SUITING IN THE PIECE.
Claims use since 1881.

Reg. No. 279,711. Registered Jan. 20, 1931. GLEN RAVEN COTTON MILLS, Glen Raven, N. C. Republished by Glen Raven Cotton Mills, Inc., Glen Raven, N. C., a corporation of North Carolina.

GLEN RAVEN

VIVATONE

FOR COTTON PIECE GOODS FOR THE MANUFACTURE OF AWNINGS, DRAPERIES, INDOOR AND OUTDOOR FURNITURE.
Claims use since Aug. 17, 1926.

Reg. No. 287,015. Registered Sept. 8, 1931. MENTE & CO., INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

KING COTTON

FOR TEXTILE BAGGING MATERIAL IN THE PIECE.
Claims use since Mar. 4, 1931.

Reg. No. 287,088. Registered Sept. 15, 1931. TERHUNE, YEARANCE & WOLFF, INC., New York, N. Y. Republished by Virginia Woolen Company, Winchester, Va., a corporation of Virginia.

Twistone

FOR WOOLEN FABRICS IN THE PIECE.
Claims use since April 1930.

Reg. No. 334,050. Registered Apr. 21, 1936. COHN-HALL-MARX COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Cohama

FOR COTTON AND/OR SILK PIECE GOODS.
Claims use since Nov. 15, 1925.

Reg. No. 341,619. Registered Dec. 15, 1936. THOMAS RATCLIFFE & COMPANY, LIMITED, Mytholmroyd, England, a corporation organized under the laws of Great Britain and Northern Ireland. Republished by registrant.



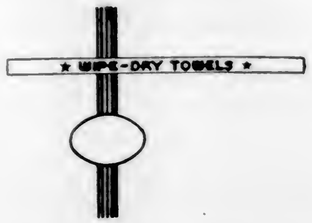
The word "Moderna" is disclaimed apart from the mark as shown.
FOR WOOLEN BLANKETS NOT IN THE PIECE.
Claims use since Jan. 4, 1935.

Reg. No. 369,239. Registered July 18, 1939. MOUAKAD BROS. INC., New York, N. Y., a corporation of New York. Republished by registrant.

MILLONARIO

FOR SILK, WOOL, COTTON AND RAYON PIECE-GOODS.
Claims use since Dec. 5, 1938.

Reg. No. 370,427. Registered Aug. 29, 1939. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Wipe-Dry" and "Towels" are disclaimed apart from the mark as shown.

FOR TOWELS.

Claims use since May 28, 1938.

Reg. No 373,034. Registered Nov. 21, 1939. MOUAKAD BROS., INC., New York, N. Y., a corporation of New York. Republished by registrant.

HERMOSA

FOR SILK, WOOL, COTTON AND RAYON PIECE-GOODS.

Claims use since May 10, 1939.

Reg. No. 380,189. Registered Aug. 13, 1940. BLUMENTHAL PRINT WORKS, New Orleans, La., a firm. Republished by registrant.

SteriTized Fabric

The words "Health" and "Fabric" are disclaimed apart from the mark as shown.

FOR MATTRESS AND UPHOLSTERY COVERINGS, IN THE PIECE.

Claims use since Feb. 12, 1940.

Reg. No. 382,119. Registered Oct. 15, 1940. MOUAKAD BROS. INC., New York, N. Y., a corporation of New York. Republished by registrant.

ALCADE

FOR SILK, WOOL, COTTON AND RAYON PIECE-GOODS.

Claims use since Apr. 1, 1940.

Reg. No. 403,969. Registered Oct. 26, 1943. MOUAKAD BROS., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR SILK, WOOL, COTTON AND RAYON PIECE-GOODS.

Claims use since Mar. 1, 1943.

Reg. No. 427,078. Registered Jan. 28, 1947. BANGOR MILLS, INC., Bangor, Pa., a corporation of Pennsylvania. Republished by registrant.

Magic Symphony

FOR WINDOW CURTAINS, DRAPERIES, AND BED-SPREADS.

Claims use since Apr. 1, 1945.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

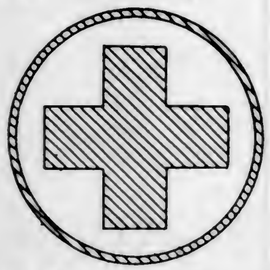
Reg. No. 48,455. Registered Jan. 2, 1906. WILLIAM MORR DECKER, Buffalo, N. Y. Republished by Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y., a corporation of New York.

HYGEIA

FOR NURSING BOTTLES.

Claims use since Sept. 25, 1893.

Reg. No. 247,283. Registered Sept. 25, 1928. E. F. MAHADY COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The drawing is lined to indicate the color green.

FOR MEDICAL AND SURGICAL INSTRUMENTS, APPARATUS, AND PARTS THEREOF—NAMELY, ADHESIVE PLASTER; AIR BAGS, WATER BOTTLES AND ALL THE OTHER ITEMS NAMED IN SAID REGISTRATION.

Claims use since April 1921.

Reg. No. 424,010. Registered Sept. 17, 1946. AFFILIATED RETAILERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ARCROSS

FOR SURGICAL DRESSINGS.

Claims use since Nov. 21, 1945.

Reg. No. 424,011. Registered Sept. 17, 1946. AFFILIATED RETAILERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ARVELS

FOR SANITARY NAPKINS.

Claims use since Nov. 21, 1945.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 239,098. Registered Feb. 21, 1928. AMERICAN STORES COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

ROB ROY

FOR GINGER ALE.

Claims use since Oct. 1, 1927.

Reg. No. 397,551. Registered Sept. 8, 1942. THE SQUIRT COMPANY, Beverly Hills, Calif. Republished by The Squirt Company, Beverly Hills, Calif., a corporation of California.

Squirt

FOR BASES AND SIRUPS AND EXTRACTS FOR MAKING NONALCOHOLIC GRAPEFRUIT DRINK.

Claims use since on or about June 5, 1937.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 47,236. Registered Oct. 31, 1905. PILLSBURY-WASHBURN FLOUR MILLS COMPANY, LTD., Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

KANABEC

FOR WHEAT FLOUR.

Claims use since on or about Jan. 1, 1874.

Reg. No. 49,629. Registered Feb. 13, 1906. MARY J. BOYER, Baltimore, Md. Republished by Lord-Mott Company, Inc., Baltimore, Md., a corporation of Maryland.

BOYER'S BRAND

FOR CANNED FRUITS AND CANNED VEGETABLES.

Claims use since about Jan. 1, 1872.

Reg. No. 55,929. Registered Aug. 21, 1906. THOMAS KENSETT & Co., Baltimore, Md. Republished by Lord-Mott Company, Inc., Baltimore, Md., a corporation of Maryland.



FOR CANNED FRUITS AND VEGETABLES.

Claims use since about Oct. 10, 1896.

Reg. No. 58,230. Registered Dec. 11, 1906. THOMAS KENSETT & Co., Baltimore, Md. Republished by Lord-Mott Company, Inc., Baltimore, Md., a corporation of Maryland.

IMPERIAL BRAND

FOR CANNED OYSTERS, SHRIMP, LOBSTER, CLAMS, CRABS, AND FISH.

Claims use since about Jan. 1, 1840.

Reg. No. 62,661. Registered May 21, 1907. THOMAS KENSETT & Co., Baltimore, Md. Republished by Lord-Mott Company, Inc., Baltimore, Md., a corporation of Maryland.

IMPERIAL

FOR CANNED FRUITS AND VEGETABLES.

Claims use since about Jan. 1, 1840.

Reg. No. 70,918. Registered Oct. 13, 1908. FENN BROS. INC., Sioux Falls, S. D., a corporation of South Dakota. Republished by registrant.

BLUE SEAL

FOR CHOCOLATE NOUGAT BARS.
Claims use since Jan. 1, 1908.

Reg. No. 79,930. Registered Oct. 18, 1910. PARROTT & Co., San Francisco, Calif., a corporation of California. Republished by registrant.

CORAL

FOR CANNED CRAB MEAT.
Claims use since on or about June 10, 1910.

Reg. No. 91,001. Registered Apr. 8, 1913. FRANKLIN MAC VEAGH AND COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

TELMO

FOR CANNED VEGETABLES, CANNED FRUITS, EVAPORATED FRUITS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since 1904.

Reg. No. 92,077. Registered June 17, 1913. HUNTER MILLING COMPANY, Wellington, Kans., a corporation of Kansas. Republished by registrant.



The name "Hunters" is disclaimed apart from the mark as shown. The outer border is printed in red, and the letters are printed in red on a green background.
FOR WHEAT FLOUR.
Claims use since Feb. 28, 1910.

Reg. No. 121,637. Registered May 14, 1918. EDGAR-MORGAN COMPANY, Memphis, Tenn. Republished by Happy Mills (1944), Memphis, Tenn., a firm.

OLD BECK

FOR STOCK FEED.
Claims use since July 1912.

Reg. No. 122,375. Registered July 30, 1918. COAST FISHING COMPANY, Wilmington, Calif., a corporation of California. Republished by registrant.

TREASURE

FOR CANNED SARDINES, PACKED IN COTTON SEED OIL AND SPICED TOMATO SAUCE.
Claims use since Dec. 2, 1917.

Reg. No. 151,786. Registered Feb. 14, 1922. GREENABAUM BROS., INC., Seaford, Del. Republished by E. Pritchard, Inc., Bridgeton, N. J., a corporation of New Jersey.

NANTICOKE

FOR CATSUP AND CHILLI SAUCE.
Claims use since Oct. 1, 1920.

Reg. No. 156,679. Registered July 11, 1922. GREENABAUM BROS. INC., Seaford, Del. Republished by E. Pritchard, Inc., Bridgeton, N. J., a corporation of New Jersey.

SUNDALE

FOR TOMATO CATCHUP, CHILI SAUCE AND CANNED PORK AND BEANS.
Claims use since Sept. 1, 1921.

Reg. No. 172,873. Registered Sept. 11, 1923. CENTRAL WISCONSIN CANNERIES, Beaver Dam, Wis. Republished by Minnesota Valley Canning Company, Lesueur, Minn., a corporation of Minnesota.

Dew Maid

FOR CANNED GOODS—NAMELY, PEAS.
Claims use since Feb. 1, 1922.

Reg. No. 177,214. Registered Dec. 11, 1923. IDEAL CARAMEL COMPANY, INC., Johnson City, N. Y. Republished by Fair Play Caramels, Inc., Middletown, N. Y., a corporation of New York.

FAIR PLAY

FOR CANDIES, CANDY CONFECTIONS, SWEETMEATS, CHEWING GUM.
Claims use since January 1922.

Reg. No. 177,763. Registered Dec. 25, 1923. IDEAL CARAMEL COMPANY, INC., Johnson City, N. Y. Republished by Fair Play Caramels, Inc., Middletown, N. Y., a corporation of New York.

THE VALLEY OF FAIR PLAY

FOR CANDIES, CANDY CONFECTIONS, SWEETMEATS, CHEWING GUM.
Claims use since January 1922.

Reg. No. 188,102. Registered Aug. 19, 1924. ROY E. ROBERTS, doing business as Lord-Mott Co., Baltimore, Md. Republished by Lord-Mott Company, Inc., Baltimore, Md., a corporation of Maryland.

OLD RELIABLE BRAND

FOR CANNED FRUIT AND VEGETABLES.
Claims use since 1836.

Reg. No. 205,606. Registered Nov. 10, 1925. KNICKERBOCKER MILLS CO., New York, N. Y., a corporation of New York. Republished by registrant.

Irvo

FOR PASTRY SPICE.
Claims use since June 30, 1906.

Reg. No. 225,887. Registered Mar. 29, 1927. WILKINSON BROS., Calipatria, Calif. Republished by Wilkinson Brothers, Inc., Calipatria, Calif., a corporation of California.

GOLD BAND

FOR FRESH VEGETABLES—NAMELY, TOMATOES, LETTUCE; MELONS—NAMELY, CANTALOUPES.
Claims use since Mar. 1, 1925.

Reg. No. 238,535. Registered Feb. 7, 1928. THOS. D. RICHARDSON COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Richardson's

FOR CANDY.
Claims use since January 1924.

Reg. No. 240,300. Registered Mar. 20, 1928. ATMORE & SON, INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Happy Jack



FOR MINCEMEAT.
Claims use since Oct. 12, 1927.

Reg. No. 255,630. Registered Apr. 30, 1929. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

Silver Nip

FOR GRAPEFRUIT JUICES FOR MAKING NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES.
Claims use since Aug. 3, 1928.

Reg. No. 259,726. Registered Aug. 6, 1929. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

Singing Tower

FOR CANNED GRAPEFRUIT.
Claims use since Mar. 26, 1929.

Reg. No. 262,612. Registered Oct. 15, 1929. THE LIGHT GRAIN & MILLING CO., Liberal, Kans., a firm. Republished by registrant.

Fairy Queen

FOR WHEAT FLOUR AND SELF-RISING FLOUR.
Claims use since May 10, 1929.

Reg. No. 265,117. Registered Dec. 17, 1929. THE LIGHT GRAIN & MILLING CO., Liberal, Kans., a firm. Republished by registrant.

MAMMY'S PRIDE

FOR WHEAT FLOUR.
Claims use since Apr. 16, 1929.

Reg. No. 265,714. Registered Jan. 7, 1930. W. L. CRAFT, doing business as Dixie Syrup Company, Florence, Ala. Republished by registrant.



Pride of Dixie

FOR TABLE SYRUPS.
Claims use since Feb. 1, 1928.

Reg. No. 269,401. Registered Apr. 8, 1930. NORTHLAND CANNING COMPANY, Cokato, Minn., a corporation of Minnesota. Republished by registrant.

DISH O'GOLD

FOR CANNED CORN.
Claims use since Sept. 15, 1928.

Reg. No. 271,023. Registered May 20, 1930. WEST FLORIDA PRESERVING COMPANY, INC., Bradenton, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

GULF BREEZE

FOR CANNED GRAPEFRUIT JUICE FOR FOOD PURPOSES AND CANNED TOMATO JUICE.
Claims use since Nov. 15, 1929.

Reg. No. 272,763. Registered July 15, 1930. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

SINGING TOWER



FOR FRESH CITRUS FRUITS AND FRESH VEGETABLES AND CANNED GRAPEFRUIT.
Claims use since Mar. 26, 1929.

Reg. No. 275,125. Registered Sept. 16, 1930. THE LIGHT GRAIN & MILLING CO., Liberal, Kans., a firm. Republished by registrant.

OVEN PERFECT FLOUR

The words "Perfect" and "Flour" are claimed only in association with the other features of the mark.
FOR WHEAT FLOUR.
Claims use since Nov. 26, 1929.

Reg. No. 276,013. Registered Oct. 7, 1930. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.



The word "Flour" is disclaimed apart from the mark as shown.
FOR WHEAT FLOUR.
Claims use since Nov. 2[illegible]30.

Reg. No. 278,154. Registered Dec. 9, 1930. H. L. SHERMAN, Boston, Mass. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

Pomorang

FOR CITRUS-FRUIT JUICES FOR FOOD PURPOSES.
Claims use since May 1, 1929.

Reg. No. 279,725. Registered Jan. 20, 1931. FLORIDA FRUIT CANNERS INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

GOLDEN NIP

FOR FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Aug. 27, 1930.

Reg. No. 281,449. Registered Mar. 17, 1931. THE LIGHT GRAIN & MILLING CO., Liberal, Kans., a firm. Republished by registrant.

Light's

TRIPLE·A·A·A

FOR WHEAT FLOUR.
Claims use since Oct. 25, 1930.

Reg. No. 282,327. Registered Apr. 21, 1931. PARROTT & Co., San Francisco, Calif., a corporation of California. Republished by registrant.

Coral

FOR CANNED SARDINES.
Claims use since May 1, 1929.

Reg. No. 291,004. Registered Jan. 26, 1932. FLORIDA FRUIT CANNERS INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

SILVER SALAD

The word "Salad" is disclaimed apart from the mark as shown.
FOR CANNED COMBINATION OF GRAPEFRUIT AND HAWAIIAN PINEAPPLE.
Claims use since Jan. 9, 1931.

Reg. No. 299,766. Registered Dec. 20, 1932. DEVON BAKERIES, INC., New York, N. Y. Republished by Devonsheer Melba Corporation, West New York, N. J., a corporation of New Jersey.

DEVONSHEER

FOR TOAST.
Claims use since on or about July 27, 1932.

Reg. No. 301,337. Registered Feb. 28, 1933. THE LIGHT GRAIN & MILLING CO., Liberal, Kans., a firm. Republished by registrant.

GRIDDLE KING

FOR SELF-RISING PANCAKE FLOUR.
Claims use since Oct. 1, 1932.

Reg. No. 302,799. Registered Apr. 25, 1933. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.

GOLDEN RULE

FOR BAY LEAVES, DRIED BEANS, BEEF EXTRACT, BIRD SEED, BUCKWHEAT FLOUR, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Oct. 31, 1894.

Reg. No. 302,800. Registered Apr. 25, 1933. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.



FOR BAY LEAVES, DRIED BEANS, BEEF EXTRACT, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Oct. 31, 1894.

Reg. No. 329,355. Registered Oct. 29, 1935. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

OVEN ACE

FOR WHEAT FLOUR.
Claims use since May 17, 1935.

Reg. No. 336,436. Registered July 7, 1936. CONWAY IMPORT CO., INC., Long Island City, N. Y., a corporation of New York. Republished by registrant.

PALATA

FOR SALAD OIL.
Claims use since 1913.

Reg. No. 340,867. Registered Nov. 24, 1936. THE HUNTER MILLING COMPANY, Wellington, Kans., a corporation of Kansas. Republished by registrant.



The drawing is lined for shading only.
FOR WHEAT FLOUR.
Claims use since 1927.

Reg. No. 340,920. Registered Nov. 24, 1936. NORTHLAND CANNING CO., Cokato, Minn., a corporation of Minnesota. Republished by registrant.

BANANA BANTAM

The word "Bantam" is disclaimed apart from the mark as shown.
FOR CANNED CORN.
Claims use since Aug. 20, 1935.

Reg. No. 341,211. Registered Dec. 1, 1936. NORTHVILLE LABORATORIES, INC., Northville, Mich., a corporation of Michigan. Republished by registrant.

GOLD LABEL

FOR FLAVORING EXTRACT FOR FOOD PURPOSES.
Claims use since May 23, 1933.

Reg. No. 348,052. Registered July 13, 1937. LAKELAND HIGHLANDS COOPERATIVE ASSOCIATION, Highlands City, Fla., a corporation of Florida. Republished by registrant.

SADDLE

FOR FRESH CITRUS FRUITS.
Claims use since Feb. 24, 1936.

Reg. No. 350,288. Registered Sept. 21, 1937. RAPPAHANNOCK COOPERATIVE FRUIT GROWERS, INC., Sperryville, Va., a corporation of Virginia. Republished by registrant.

SKYLINE DRIVE

FOR FRESH FRUIT—NAMELY, APPLES.
Claims use since Apr. 29, 1937.

Reg. No. 352,567. Registered Dec. 7, 1937. MINNESOTA MACARONI COMPANY, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Jenny Lee's



FOR MACARONI FOOD PRODUCTS AND EGG NOODLES.
Claims use since Apr. 15, 1931.

Reg. No. 353,735. Registered Jan. 18, 1938. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

NIP

FOR CANNED GRAPEFRUIT JUICE FOR FOOD PURPOSES.
Claims use since Sept. 30, 1936.

Reg. No. 368,967. Registered July 11, 1939. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

Valley Gold

FOR CANNED GRAPEFRUIT, CANNED PEAS, CANNED TOMATO JUICE AND FRUIT JUICES FOR FOOD PURPOSES.
Claims use since May 21, 1937.

Reg. No. 370,558. Registered Aug. 29, 1939. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

RICHTEST

FOR CANNED FRUITS, AND CANNED FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Mar. 16, 1939.

Reg. No. 390,097. Registered Sept. 9, 1941. ALBANY PACKING COMPANY, INC., West Albany, N. Y. Republished by Tobin Packing Co., Inc., Rochester and Albany, N. Y., a corporation of Delaware.



The words "New York" and "Albany" and the map of the State of New York are disclaimed apart from the mark as shown.
FOR MEATS AND MEAT PRODUCTS — VIZ., CANNED HAMS.
Claims use since on or about Nov. 6, 1940.

Reg. No. 390,201. Registered Sept. 9, 1941. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla. Republished by L. Maxcy, Inc., Frostproof, Fla., a corporation of Florida.

VITA-NIP

FOR CANNED FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Feb. 18, 1941.

Reg. No. 397,236. Registered Aug. 25, 1942. LORD-MOTT COMPANY, INC., Baltimore, Md., a corporation of Maryland. Republished by registrant.

Lord-Mott's

FOR CANNED VEGETABLES, CANNED IRISH POTATOES, CANNED HOMINY, CANNED SPAGHETTI, CANNED PORK AND BEANS, CANNED SWEET POTATOES, THE FOREGOING GOODS BEING PACKED IN GLASS AS WELL AS IN CANS.
Claims use since 1836.

Reg. No. 411,181. Registered Jan. 9, 1945. HAPPY MILLS, Memphis, Tenn. Republished by Happy Mills (1944), Memphis, Tenn., a firm.

HAPPY

FOR FEED FOR LIVESTOCK, POULTRY, RABBITS, DOGS, AND PIGEONS.
Claims use since 1921.

Reg. No. 429,847. Registered May 20, 1947. L. AND S. PACKING CO., INC., Long Island City, N. Y., a corporation of New York. Republished by registrant.

TABLE JOY

FOR OLIVE OIL, BOTTLED PEPPERS, BOTTLED PIMENTOS, OLIVES, MARASCHINO CHERRIES, BOTTLED BELL PEPPERS.
Claims use since Apr. 15, 1946.

Reg. No. 433,010. Registered Sept. 23, 1947. C. F. SIMONIN'S SONS, INC., Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

POPSIT

PLUS!

FOR FOOD SEASONING MADE FROM VEGETABLE OILS AND BUTTER FLAVOR, SOLD IN BULK—NAMELY, IN CONTAINERS OF ONE-HALF GALLON OR LARGER SIZE.
Claims use since Feb. 28, 1946.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 305,854. Registered Aug. 29, 1933. MILLER HIGH LIFE COMPANY, Milwaukee, Wis. Republished by Miller Brewing Company, Milwaukee, Wis., a corporation of Wisconsin.

HIGH LIFE

FOR BEER.
Claims use since Apr. 7, 1933.

Reg. No. 305,855. Registered Aug. 29, 1933. MILLER HIGH LIFE COMPANY, Milwaukee, Wis. Republished by Miller Brewing Company, Milwaukee, Wis., a corporation of Wisconsin.



The word "Milwaukee" is disclaimed apart from the mark as shown.
FOR BEER.
Claims use since Apr. 7, 1933.

Reg. No. 305,870. Registered Aug. 29, 1933. MILLER HIGH LIFE COMPANY, Milwaukee, Wis. Republished by Miller Brewing Company, Milwaukee, Wis., a corporation of Wisconsin.



FOR BEER.
Claims use since Dec. 30, 1903.

Reg. No. 305,871. Registered Aug. 29, 1933. MILLER HIGH LIFE COMPANY, Milwaukee, Wis. Republished by Miller Brewing Company, Milwaukee, Wis., a corporation of Wisconsin.



FOR BEER.
Claims use since Dec. 30, 1903.

Reg. No. 362,399. Registered Nov. 15, 1938. MILLER BREWING COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Miller



The word "Miller" is disclaimed apart from the mark as shown.

FOR BEER.

Claims use since Mar. 17, 1936.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 373,676. Registered Dec. 19, 1939. CHARTREUSE CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for the colors green and yellow. The representation of the labels and all spoken symbols except "La G de Chartreuse" and "L. Garnier" are disclaimed apart from the mark as shown.

FOR LIQUEURS.

Claims use since 1904.

Reg. No. 373,677. Registered Dec. 19, 1939. CHARTREUSE CORPORATION, New York, N. Y. a corporation of New York. Republished by registrant.



The drawing is lined for the colors yellow and green. The representation of the labels and all spoken symbols except "La G de Chartreuse" and "L. Garnier" are disclaimed apart from the mark as shown.

FOR LIQUEURS.

Claims use since 1904.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 236,306. Registered Dec. 6, 1927. CLARK, SON & MORLAND, LIMITED, Glastonbury, England, a corporation organized under the laws of the United Kingdom. Republished by registrant.



FOR SKIN RUGS AND MATS OF THE NATURE OF CARPETS, SKIN PERAMBULATOR RUGS AND ROBES, SKIN MOTOR RUGS, AND SKIN FOOT MUFFS FOR SLEIGHS.

Claims use since Dec. 13, 1895.

Reg. No. 271,642. Registered June 17, 1930. WEBSTER RUBBER COMPANY, Sabbatus, Maine, a corporation of Maine. Republished by registrant.

Rainbow

FOR RUBBER DOILIES.

Claims use since on or about Sept. 21, 1929.

PATENTS

GRANTED SEPTEMBER 28, 1948

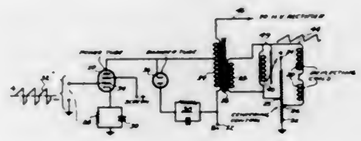
2,449,969

COMPENSATING DEVICE

Antony Wright, Drexel Hill, Pa., assignor to Radio Corporation of America, a corporation of Delaware

Application May 29, 1945, Serial No. 596,473

13 Claims. (Cl. 315—27)



1. In a cathode ray beam deflecting circuit of the type in which a cyclically varying current having a waveform a portion of each cycle of which is substantially linear with respect to time is caused to flow through a cathode ray beam deflecting coil to thereby result in substantially linear deflection of the cathode ray beam during the substantially linearly varying portion of each current cycle, said circuit including an inductive coupling element, a controlled power tube connected to supply cyclically varying current to said cathode ray beam deflecting coil through said inductive coupling element, a rectifier circuit connected across said inductive coupling element, said rectifier circuit including means for shaping the waveform of the current flowing through the rectifier circuit, a source of voltage variations, and means for applying voltage variations from said source to said power tube so as to produce a current output therefrom which adds to the current flowing through said rectifier circuit to result in a cyclically varying current flow through said cathode ray beam deflecting coil having a waveform a portion of each cycle of which is substantially linear with respect to time, the combination of an inductivity reactive control member connected across said inductive coupling element, and means for changing the reactance of said control member thereby to vary the peak amplitude of the cyclically varying current flowing through said cathode ray beam deflecting coil without appreciably altering the peak amplitude of the current output of said power tube.

2,449,970

STABILIZATION OF TERPENE POLYMERS

Joseph N. Borglin, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 15, 1946, Serial No. 641,419

11 Claims. (Cl. 260—80)

1. The method of stabilizing a solid terpene polymer derived from a polymerizable cyclic terpene which comprises contacting said polymer with about 0.01% to about 5% of iodine, based upon the weight of the polymer, at a temperature between about 200° C. and about 350° C.

2,449,971

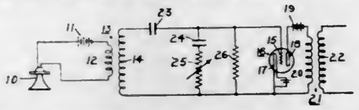
APPARATUS FOR REDUCING NOISE IN MICROPHONE CIRCUITS

Joseph Frank Andrews, New York, N. Y.

Application February 26, 1944, Serial No. 523,993

1 Claim. (Cl. 179—1)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In an improved distortionless communication apparatus used with an oxygen mask for attenuating sounds impinging on a microphone therein, which sounds have a high magnitude at frequencies above and below the essential speech frequency band, the combination of a circuit for use with such apparatus including a first capacitor of such size as to offer a high impedance to frequencies of the order of 350 cycles and below, means having a negative resistance characteristic, said means being in series with a second capacitor, said means and said second capacitor being in shunt across said circuit for effecting a low impedance and hence increased shunting effect to signals of high magnitude at frequencies of the order of 3000 cycles and above, whereby the output of the circuit has an essentially flat frequency response within the speech frequency band.

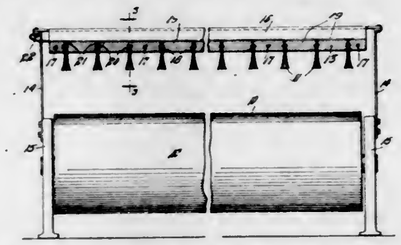
2,449,972

ELIMINATION OF STATIC ELECTRICITY

Robin Beach, Brooklyn, N. Y.

Application June 27, 1945, Serial No. 601,817

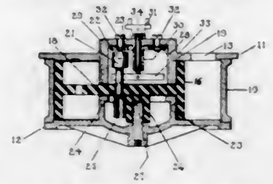
5 Claims. (Cl. 175—264)



1. The herein disclosed self-energizing apparatus for eliminating static electricity on an electrostatically charged surface, comprising a bar of insulating material having substantially constant dielectric strength of high value, elongated, yielding tufts of fine, flexible, sharp ended spring wire bristles on said insulating bar and projecting a substantial distance away therefrom, said bristles terminating with their ends all in substantially the same common plane, means mounting said insulating bar with said substantially coplanar ends of the bristles spaced away from the charged surface a distance normally of substantially three to four inches and sufficient to create and maintain intense con-

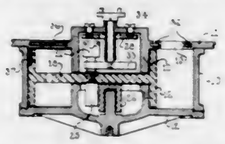
vergent electric fields of high potential gradient from said charged surface to the ends of said tufts to produce copious ionization at the tips of the bristles and a conductor of small mass connecting said fine wire bristles and connected to ground, said apparatus being thereby of low electrical capacitance and being unconnected with any local power source.

2,449,973
FLUID METER
Charles P. Bergman, Brooklyn, N. Y., assignor to Rockwell Manufacturing Company, a corporation of Pennsylvania.
Application July 17, 1944, Serial No. 545,237
9 Claims. (Cl. 73—257)



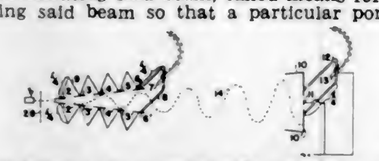
4. In a fluid meter of the oscillating piston displacement type, a measuring chamber, an oscillatory piston within said chamber, a permanent magnet fixed to the piston approximately at its axial center, an annular armature member substantially concentric to the path of movement of the magnet with the oscillatory piston, and adjustable means, mounting the armature member on a wall of the measuring chamber, for positioning said member relative to the magnet poles, whereby the weight of the piston is compensated by magnetic forces and said piston sustained substantially in a position of floating equilibrium within the fluid medium, throughout its cycle of oscillatory motion.

2,449,974
ROTARY FLUID METER
Charles P. Bergman, Brooklyn, N. Y.; William V. Elliott, administrator of said Charles P. Bergman, deceased, assignor to Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application September 29, 1944, Serial No. 556,413
4 Claims. (Cl. 121—68)



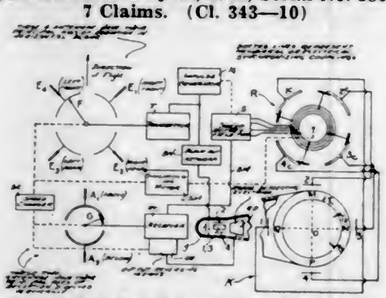
1. In a fluid meter having a measuring chamber, a piston adapted for movement in a substantially horizontal path within said chamber, and magnetically coupled means distributed circumferentially on said piston and said chamber for suspending said piston in balanced equilibrium for substantially frictionless movement in said path.

2,449,975
MICROWAVE VACUUM TUBE
Harold O. Bishop and Donald Kirk, Jr., United States Navy
Application June 21, 1946, Serial No. 678,177
7 Claims. (Cl. 250—158)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)
1. A device of the character described comprising means for producing an electron beam, means for accelerating said beam, tuned means for deflecting said beam so that a particular portion



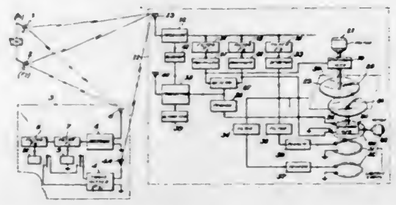
of the beam is successively deflected in the same direction, and means sensitive to variations in beam deflection for collecting said electron beam.

2,449,976
TRIDIMENSIONAL OBSTACLE DETECTION SYSTEM
Henri G. Busignies, Forest Hills, N. Y., assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application February 24, 1941, Serial No. 380,184
7 Claims. (Cl. 343—10)



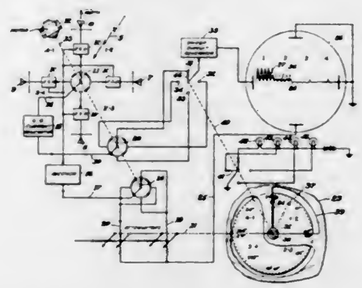
4. Apparatus for determining the location of an object including radiant energy impulse transmitting apparatus for directively transmitting impulses in a plurality of directions in a common plane, receiving means responsive to impulse energy reflected from the object, cathode ray indicating means operated by said receiving means, a sweep circuit for the beam of said cathode ray indicating means for sweeping said cathode ray beam from a predetermined origin over a predetermined path, commutator means associated with said receiving means and said indicating means and operated in synchronism with the directing of said transmitting means, said commutator means serving to successively change said origin to provide for indication of received directive impulses on a portion of said indicating means corresponding to the general direction of the received reflected energy, said receiving means including antenna means directionally sensitive above and below said common plane, receiver network means responsive to received impulse energy from said antenna means for producing output impulses of the effective magnitude of reflected energy as received by said antenna means, and means responsive to said effective magnitude for modulating the beam of said cathode ray indicating means.

2,449,977
LOCATION INDICATING SYSTEM
Henri G. Busignies, Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application June 30, 1945, Serial No. 602,448
24 Claims. (Cl. 343—112)
1. The method of indicating the relative positions of a receiving point with respect to a plurality of radiating and reradiating points which comprises, scanning the region of space around said radiating points by a pair of rotating radio beams originating at said radiating points and rotated at relatively different speeds, reradiating energy from said reradiation points when said beams are both aligned therewith, producing scanning motions at said receiving points syn-



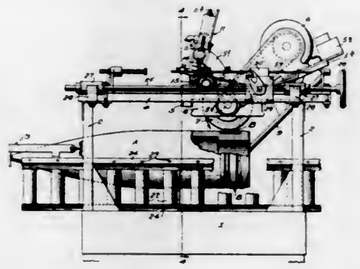
chronized with rotation of said beacons from spaced points representing in scale the distance between said radiators, and causing indications to represent the position of said receiving point relative to said radiating points and said reradiating points in response to the operation of said scanning motions and the simultaneous reception of said beams and the reception of said reradiated energy respectively.

2,449,978
RADIO DIRECTION FINDER
Trevor H. Clark, New York, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application June 30, 1945, Serial No. 602,451
3 Claims. (Cl. 343—120)



1. In a direction finder comprising a receiver a cathode ray tube four oppositely paired shielded unidirectional antennas, a switching means to couple each antenna independently and successively to said receiver, a variable attenuation means for each oppositely paired antenna circuits and coupled with said switching means for coupling the output of said receiver to one set of deflection means of said tubes, said tube having a screen divided into at least two adjacent zones corresponding to at least two adjacent antennas, a sweep circuit means having its output coupled to another set of deflection means of said tube and synchronized with said switching means an azimuth dial having sectors corresponding to each of said antennas to select that sector on said dial corresponding with a given zone on said screen of said tube, and means for varying said attenuation means and said azimuth dial simultaneously to obtain an indication of said selected sector of said dial of the direction of radiant energy received by said antennas.

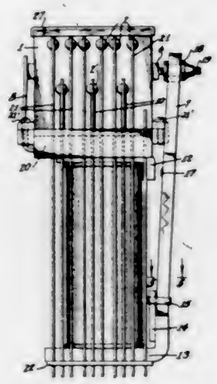
2,449,979
METHOD AND DEVICE FOR REMOVING ROTATING BANDS FROM PROJECTILES
Robert L. Clothier, Denville, N. J.
Application July 16, 1943, Serial No. 495,070
1 Claim. (Cl. 51—34)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



A device for cutting the rotating bands of projectiles which comprises a base, a projectile trackway disposed longitudinally of said base for moving longitudinally oriented projectiles, upright members on either side of said trackway, a pair of parallel horizontal members supported by said upright members forming a track disposed longitudinally of said base and aligned vertically with said trackway, a carriage on said trackway mounted for longitudinal movement upon said track, an arm pivoted on said carriage for limited movement in a vertical plane parallel to said trackway, a power driven cutter carried by said arm in a plane parallel to the plane of movement of said arm, a motor carried by said arm and drivingly connected to said cutter, means for oscillating said arm about its pivot to raise and lower said cutter, means controllably moving said carriage upon said track, said arm and cutter being partially counterbalanced to weight said cutter for downward pivotal movement against a projectile band, controllable dashpot means for controlling the downward rate of pivotal cutting movement of said cutter, and adjustable stop means for stopping downward movement of said cutter after a predetermined depth of cut.

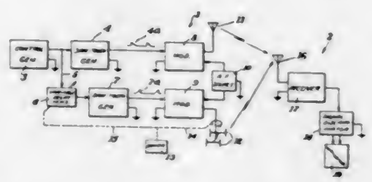
2,449,980
REMOVAL OF PHOTOGRAPHICALLY ACTIVE INGREDIENTS FROM GELATIN
Rudolph E. Damschroder and Marie E. Kauffman, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application September 14, 1946, Serial No. 697,156
7 Claims. (Cl. 260—118)
1. A method of treating a protein having inherent photographically active ingredients therein to render those photographically active ingredients inactive which comprises treating the protein while in solution with a finely divided metal selected from the group consisting of platinum, nickel, cobalt, lead, cadmium, and silver, followed by removing the metal particles and any reaction products thereof from the protein.

2,449,981
ELECTROMAGNETIC RELAY STRUCTURE
Gerald Deakin, New York, N. Y., assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application March 11, 1943, Serial No. 478,851
10 Claims. (Cl. 200—104)



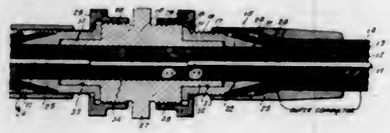
2. A relay switch structure comprising a separable switch housing unit open on at least one side thereof, externally extended terminal contacts and movable contacts cooperatively associated therewith for closing of the circuits therebetween and supported in the housing unit, an operating member mounted in bearings in the housing, a cover for the housing, a traction magnet assembly provided with resilient conductor bars supported thereon and positioned to engage the terminal contact of the housing unit for yieldable connection therewith and said magnet assembly including a movable armature and an adjustable connection between the armature and operating member.

2,449,982
RADIO BEACON
Louis A. de Rosa, Staten Island, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application June 12, 1944, Serial No. 539,815
18 Claims. (Cl. 343—106)



10. A multiple course radio beacon system, comprising a radio beacon including means for radiating a first series of pulses of predetermined timing substantially uniformly about said beacon, means for radiating a second series of pulses successively directively along each of said courses, means for variably timing the pulses of said second series with respect to the pulses of said first series to provide successively different spacings of said pulses along successively different courses, and means for shaping the pulses of said first and second series to provide sharp leading edges and gradually decreasing trailing edges for the pulses of one series and gradually increasing leading edges and sharp trailing edges for the pulses of the other series; and a cooperating radio receiver including means for receiving said radiated pulses, discriminator means for discriminating between the pulses of said first and second series, and indicator means for producing an indication of the course line represented by the relation of said received pulses of said first and second series.

2,449,983
COAXIAL LINE COUPLING
George C. Devol, Greenwich, Conn., assignor to The Sperry Corporation, a corporation of Delaware
Application February 4, 1943, Serial No. 474,740
15 Claims. (Cl. 174—88)

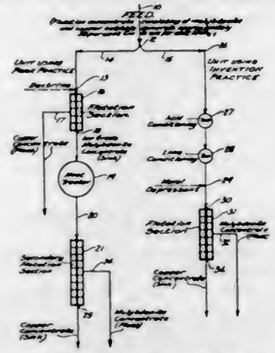


1. In a coupling adapted for straight through extension of a flexible transmission line having an inner conductor, a substantially coaxial outer conductor and an insulator covering about said outer conductor; the combination comprising a coupling member having a clamping face adapted to extend within said outer conductor, a clamp collar adapted to be inserted between said outer conductor and said covering, a holding member adjustably connected to said coupling member for tightly securing said outer conductor between said clamping face and said clamp collar and for securing said insulator covering between said holding member and said clamp collar, and conducting means coaxially supported within said coupling member and adapted to telescopically receive said inner conductor.

12. In a coupling between a first transmission line and a second transmission line, said two lines having respective inner conductors and hollow outer conductors of substantially the same inner diameter respectively concentrically disposed about said inner conductors; the combination comprising coupling means adapted to be inserted into the open end of said first line and extending between said first and said second lines, and a holding member adjustably connected to said coupling means for clamping said first line to said coupling means, said coupling means having a continuous inner bore completely therethrough of the same diameter as the bore of said outer conductors and providing smooth electrical continuity therebetween.

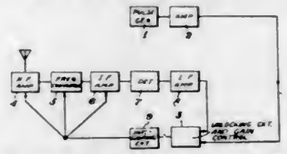
2,449,984
DIFFERENTIAL FROTH FLOTATION OF SULFIDE ORES
Harold L. Gibbs, Salt Lake City, Utah
Application April 10, 1944, Serial No. 530,389
23 Claims. (Cl. 209—167)

15. In a process of flotation for the separation of metalliferous sulphides, the step of agitating and aerating an aqueous pulp containing said metalliferous sulphides, in the presence of a frothing and a collecting agent for one of the sulphides and, further, in the presence of alpha



mercapto butyric acid (HSC_3H_6COOH) as a depressant.

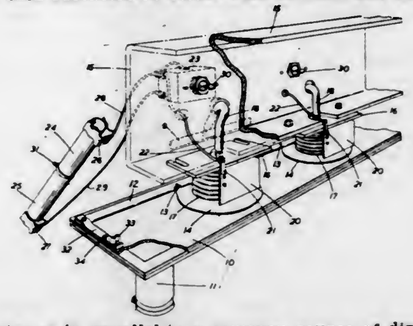
2,449,985
RECEIVER FOR PULSE WAVES
Paul F. M. Gloess, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application October 30, 1941, Serial No. 417,181
In France April 27, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires April 27, 1960
3 Claims. (Cl. 250—20)



1. A radio receiving system for receiving regularly spaced impulses after reflection from a distant object and comparing said received impulses with a reference impulse having the same cadence as said regularly spaced impulses, comprising means for broadening said reference impulses, combining means for combining said broadened impulses and received impulses to produce resultant control impulses, and means for applying said resultant control impulses to said receiver to render it sensitive to receive signals during the desired intervals, whereby undesired reflected signals and interference is substantially reduced.

2,449,986
MANUFACTURE OF DRY CONTACT RECTIFIERS
Bertram Barnett Grace, Leslie James Ellison, Hugh Spence Leman, Charles William Leng, and Arthur Samuel Bridge, London, England, assignors to Standard Telephones and Cables Limited, London, England, a British company
Application August 28, 1943, Serial No. 500,438
In Great Britain February 15, 1943
8 Claims. (Cl. 175—366)

1. Apparatus for the electrical treatment of selenium rectifiers comprising a channel for circulation of water, a flat surface for said channel on which the rectifiers are adapted to rest, means for circulating cooling water through said channel, means for holding said rectifiers in good heat conducting relation with the surface of said channel and contact means for connecting each of said rectifiers in series with an individual re-



sistance in parallel to a common source of direct current.

2,449,987
PREPARATION OF SUBSTITUTED ACIDS FROM LACTONES
Thomas L. Gresham, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application October 5, 1945, Serial No. 620,655
17 Claims. (Cl. 260—454)

8. The method of preparing a beta-substituted propionic acid which comprises bringing together in aqueous solution beta-propiolactone and a water-soluble, ionizable, inorganic salt of a hydracid, and then acidifying the solution.

2,449,988
PREPARATION OF POLYCARBOXYLIC ACIDS
Thomas L. Gresham, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application October 5, 1945, Serial No. 620,656
6 Claims. (Cl. 260—537)

1. The method of preparing an aliphatic dicarboxylic acid in which the two carboxyl groups are in beta position with respect to one another which comprises bringing together, in solution in a polar solvent selected from the class consisting of water and alcohol, reactants consisting of a water-soluble saturated aliphatic beta-lactone and an inorganic cyanide having the formula MCN wherein M is selected from the class consisting of hydrogen, ammonium and alkali and alkaline earth metals, while maintaining the temperature of the solution between its freezing point and its boiling point to form in solution a beta-cyano carboxylic acid compound, subjecting the solution containing the said compound to hydrolyzing conditions to convert the cyano group to a carboxyl group and then recovering the resulting dicarboxylic acid from the final reaction mixture.

2,449,989
PREPARATION OF BETA-THIO CARBOXYLIC ACIDS
Thomas L. Gresham, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application October 5, 1945, Serial No. 620,657
6 Claims. (Cl. 260—526)

1. The method of preparing a beta-thio-carboxylic acid compound which comprises reacting

in a polar solvent for the reactants a saturated aliphatic beta-lactone and a water-soluble inorganic sulfide.

2,449,990

BETA-ACYLOXY CARBOXYLIC ACID COMPOUNDS AND METHODS OF PREPARING THE SAME

Thomas L. Gresham and Jacob Eden Jansen, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application October 5, 1945, Serial No. 620,658
12 Claims. (Cl. 260—488)

1. The method of preparing a salt of a beta-acyloxy carboxylic acid which comprises reacting in a polar solvent for the reactants selected from the class consisting of water and alcohol, a water-soluble unsubstituted saturated aliphatic beta-lactone with a water-soluble salt of a carboxylic acid containing hydrogen atoms present only in hydrocarbon and carboxyl groups.

2,449,991

PREPARATION OF BETA-AROXY CARBOXYLIC ACIDS

Thomas L. Gresham and Forrest W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation c New York

No Drawing. Application October 5, 1945, Serial No. 620,659
18 Claims. (Cl. 260—520)

1. Bis (3-chloro-4-beta-carboxyethoxyphenyl) dimethyl methane.

2. The method which comprises bringing a water-soluble saturated aliphatic beta-lactone into efficient contact with a material of the class consisting of (1) a phenol alone, (2) a solution of a phenol in an inert solvent, and (3) an aqueous solution containing a dissolved water-soluble salt of a phenol, whereby to effect a chemical reaction and then recovering from the reaction mixture a beta-aromatic-oxy carboxylic acid compound formed by the chemical reaction.

2,449,992

PREPARATION OF BETA-THIO CARBOXYLIC ACID COMPOUNDS

Thomas L. Gresham and Forrest W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application October 5, 1945, Serial No. 620,660
6 Claims. (Cl. 260—516)

1. The method of preparing a beta-thio carboxylic acid which comprises preparing a solution containing a mercaptan consisting exclusively of mercapto structure attached to a hydrocarbon residue, dissolved in an alkaline aqueous solution, admixing the resulting solution with a water-soluble saturated aliphatic beta-lactone while maintaining the temperature in the range of 0 to 50° C., acidifying the solution and recovering the beta-thio carboxylic acid thus formed.

2,449,993

PREPARATION OF BETA-HALO CARBOXYLIC ACIDS

Thomas L. Gresham and Forrest W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application October 5, 1945, Serial No. 620,666
3 Claims. (Cl. 260—539)

1. The method of preparing a beta-halo-propionic acid from reactants consisting of beta-propiolactone and a hydrogen halide in which the halogen has an atomic number of 17 to 35 which comprises slowly adding one of the said reactants to a solution of the other of the said reactants in a polar solvent selected from the class consisting of water and glacial acetic acid while agitating the resulting solution and maintaining its temperature at about −25 to +25° C., and then separating a beta-halo-propionic acid in which the halogen has an atomic number of 17 to 35, from the reaction mixture.

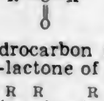
2,449,994

BETA ACYLOXY ACYL HALIDES FROM BETA LACTONES

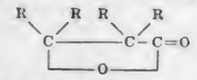
Thomas L. Gresham and Forrest W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application November 28, 1945, Serial No. 631,497
5 Claims. (Cl. 260—488)

1. The method of preparing a beta-acyloxy acyl halide which comprises reacting an acid halide of the structure



wherein R' is a hydrocarbon radical and X is halogen with a beta-lactone of the structure



wherein each R is a member of the class consisting of hydrogen and alkyl, cyclo-alkyl, aryl and aralkyl hydrocarbon radicals.

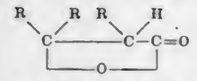
2,449,995

PREPARATION OF ESTERS OF ALPHA BETA UNSATURATED CARBOXYLIC ACIDS

Thomas L. Gresham and Forrest W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application November 28, 1945, Serial No. 631,498
5 Claims. (Cl. 260—486)

1. The method of preparing an alkyl ester of an alpha-beta unsaturated carboxylic acid which comprises bringing a dialkyl sulfate in which the two alkyl groups are identical and contain from 1 to 8 carbon atoms, and a beta-lactone of the formula



wherein each R is a member of the class consisting of hydrogen and alkyl, cyclo-alkyl, aryl and aralkyl hydrocarbon radicals containing less than 8 carbon atoms, into reactive contact with one another at a temperature below about 30° C. and then distilling the reaction mixture.

2,449,996

PREPARATION OF SULFUR CONTAINING DICARBOXYLIC ACIDS

Thomas L. Gresham and Forrest W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application November 28, 1945, Serial No. 631,499
2 Claims. (Cl. 260—537)

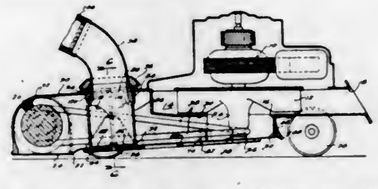
1. The method of preparing beta-thio dipropionic acid which comprises reacting thiohydracrylic acid and beta-propiolactone in aqueous solution in the presence of an alkali metal hydroxide, and then acidifying the solution.

2,449,997

CONVERTIBLE SUCTION CLEANER WITH AGITATOR DRIVE DISENGAGING MEANS

Paul T. Hahn and George R. Coss, Detroit, Mich., assignors to Eureka Williams Corporation, a corporation of Michigan

Application May 3, 1943, Serial No. 485,536
8 Claims. (Cl. 15—9)



1. A vacuum cleaner comprising an electric motor having a vertical shaft, a fan arranged below said motor and connected to said shaft to be driven thereby, said fan being provided with an air inlet on the under side thereof, a nozzle having a downwardly presented mouth and an agitator operatively associated therewith, a belt forming a driving connection between said shaft and said agitator for driving the latter during operation of the fan, a communication forming an air passageway between said nozzle and said fan inlet for inducing a flow of air into said nozzle during operation of said fan, said belt extending through said passageway, said communication being provided with an upwardly facing air inlet port at the front of said cleaner and which port is normally closed, a converter coupling comprising a hollow unobstructed air conducting member adapted to be removably connected with said port when the same is open, said air conducting member when connected to said port having the end thereof arranged to project into said passageway and seat on the wall thereof opposite said port, said end having provision for accommodating the strands of said belt and conforming to the cross section of said passageway and cooperating with the walls thereof to obstruct said passageway so as to prevent the flow of air from said nozzle to said fan inlet during operation of said fan, said air conducting member when connected to said port being adapted to communicate with said fan inlet through said passageway, and means assembled to said cleaner independently of said converter coupling and cooperable with said belt to disengage the same from said shaft for rendering the driving connection inoperative, said converter having a shiftable part cooperable with said means for operating the same to disengage and engage said belt when said converter is connected to said port.

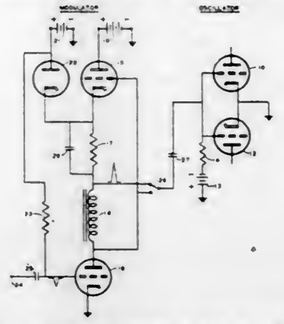
2,449,998

MODULATOR CIRCUIT

John C. Hansen, Avon, N. J.

Application July 22, 1943, Serial No. 495,717
5 Claims. (Cl. 250—27)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A network comprising a first grid-controlled electron tube and means in its grid circuit to vary the impedance thereof, a second grid-controlled electron tube, a first circuit including a source of potential, the anode-cathode path of said second grid-controlled electron tube, a choke, and the anode-cathode path of said first tube, all connected in a closed series circuit in the order named, a second circuit exclusive of said second electron tube and including a source of



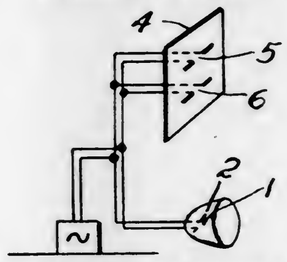
potential, said choke, and said anode-cathode path of said first tube, all in a closed series circuit in the order named, a connection from the anode of said first tube to the grid of said second tube, and an output circuit coupled to a terminal of said choke.

2,449,999

ANTENNA SYSTEM FOR DEFINING GLIDE PATHS

Louis John Heaton-Armstrong, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company

Application October 15, 1943, Serial No. 506,300
In Great Britain October 30, 1942
6 Claims. (Cl. 343—108)

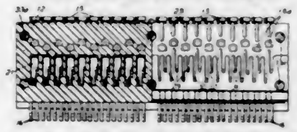


1. An antenna system for defining a glide path resulting from the over-lapping of two field patterns in a vertical plane, said antenna comprising a first dipole antenna, a parabolic reflector for said first antenna to provide a first antenna system having a vertical radiation pattern with a single principal lobe, a second dipole antenna disposed above said first, a third dipole antenna disposed above said second, plane reflecting means for said second and third antennas to provide a multi-lobe vertical pattern, said principal lobe overlapping the lower-most lobe of said multi-lobe pattern, means for feeding said second and third antennas in phase with each other, said second and third antennas together forming a composite antenna system having a mean height above ground and having a separation between the second and third antennas of the order of one-half of the mean height above ground whereby the lobes due to the composite antenna system overlapped by the principal lobe of the first antenna system are substantially reduced.

2,450,000
EMULSION POLYMERIZATION OF METHYL METHACRYLATE
Benjamin W. Howk, Wilmington, and Frederick L. Johnston, Claymont, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 20, 1943, Serial No. 479,894
6 Claims. (Cl. 260—83)

1. Process which comprises forming an aqueous dispersion comprising, as the sole polymerizable component thereof, methyl methacrylate and up to 10%, by weight of the mixture therewith, of a vinyl compound from the group consisting of methyl acrylate, ethyl acrylate, styrene, and vinyl acetate, and 0.01%–1.0%, by weight of said methyl methacrylate, of a thiol from the group consisting of alkane and hydroxyalkane thiols, and maintaining the dispersion thus formed at a temperature of at least 100° C. under autogenous pressure until said polymerizable component is polymerized.

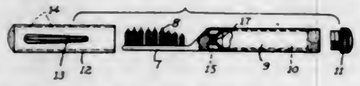
2,450,001
CROSS CONNECTION STRIP AS USED IN TELEPHONE AND LIKE SYSTEMS
Arthur James Humphries, Harrogate, England, assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application May 9, 1946, Serial No. 668,354
In Great Britain October 18, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires October 18, 1964
3 Claims. (Cl. 173—324)



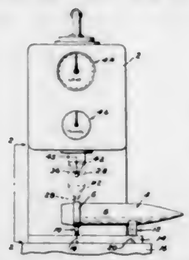
1. In a strip for cross connecting the wires of two cables, two parallel terminal blocks of insulating material each having a front, a back, a top and a bottom, a plurality of groups of tags projecting through the bottoms of the two terminal blocks and to which groups of wires of the two cables may be attached, each tag having a contact surface within a recess in the corresponding terminal block, each recess being open to the back of its block and having a shelf for each contact surface, a pressure block of insulating material within each recess, movably positioned between and separating the shelves and the contact surfaces lying thereon, each pressure block having a ledge for engaging each contact surface, each cooperating ledge and contact surface being aligned with a perforation in the front of the terminal block through which wires may be pushed from the front of one terminal block to the aligned perforation in the front of the other block, each wire passing between contact surfaces and the cooperating ledges, and means projecting through the tops of the terminal blocks, one for each pressure block to force it towards the cooperating contact surfaces.

2,450,002
POCKET TOOTHBRUSH
Theodore F. Jackson, Rockford, Ill., assignor, by direct and mesne assignments, of one-half to Walter B. Keres, Rockford, Ill.
Application August 12, 1946, Serial No. 690,036
9 Claims. (Cl. 132—84.2)

1. A toothbrush comprising a body providing a head portion having bristles projecting therefrom, and an elongated tubular handle portion extending from and rigid with the head portion, said handle portion being open at its outer end and closed at its inner end and having a substantially conical projection in that end, an elongated cartridge adapted to contain a dentifrice and having a dispensing opening in one end, the cartridge being slidable endwise in and removable endwise from the handle and disposed in said handle portion with the projection entered in and closing the dispensing opening, and means threaded on the open end of the handle against the end of the cartridge to retain said cartridge in said handle and cause the projection to be entered tightly in the dispensing opening.

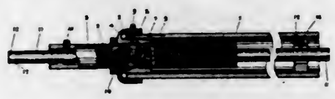


2,450,003
ROTATING BAND TESTER
Paul W. Klipsch, Hope, Ark.
Application July 23, 1945, Serial No. 606,697
3 Claims. (Cl. 73—167)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



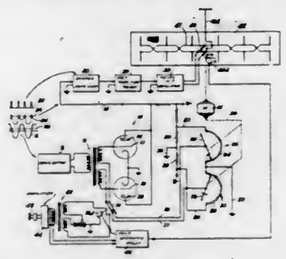
3. A device for measuring the extent of looseness between a rotating band and its seat on a shell body carrying the band, comprising a support platform, an upstanding V-block and an upstanding lower indenting member on said platform and spaced from said V-block, said V-block and indenting member being constructed and arranged for supporting a shell in horizontal position with the rotating band of the shell resting on said indenting member, an upper indenting member supported above said rotating band and in vertical alignment with said lower indenting member, means constructed and arranged for moving said upper indenting member vertically downward into contact with said rotating band at a location which is 180 degrees angularly displaced from the location of contact of the rotating band with said lower indenting member, press means constructed and arranged for thereupon continuing the said downward motion of said upper indenting member whereby said indenting members are caused to depress said rotating band surface sufficiently to press the underlying portions of the rotating band into tight engagement with its seat on the shell body, means constructed and arranged for measuring the pressure exerted by said press means on said upper indenting member, and means constructed and arranged for measuring the depth by which said indenting members have thus depressed the rotating band surfaces, said upper and lower indenting members comprising projecting columns substantially square and relatively small in cross-section, their contact faces being curved to the same curvature as the surfaces of the rotating band.

2,450,004
LATHE SPINDLE STOP
Graham Knox, San Francisco, Calif.
Application July 21, 1945, Serial No. 606,462
2 Claims. (Cl. 82—34)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. A lathe spindle stop comprising a collar having inner and outer spaced concentric flanges, the space between the flanges being adapted to receive an end of a hollow lathe spindle, means for securing the collar to the spindle, said inner flange being interiorly threaded, a bushing exteriorly threaded for at least a portion of its length threadedly engaged with the threads on said inner flange for longitudinal adjustment with respect thereto, an elongated stop rod slidably fitted within said bushing for longitudinal adjustment therein, and means to secure said stop rod in adjusted position with respect to said bushing, an end of said stop rod being adapted to abut against pieces of material on which machine work is to be performed by the lathe.

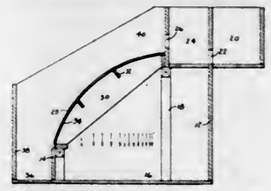
2,450,005
OMNIDIRECTIONAL RADIO BEACON
Emile Labin, New York, and Donald D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application April 26, 1944, Serial No. 532,724
25 Claims. (Cl. 343—106)



1. An angularly shiftable radio beacon system, comprising radiator means for providing a shiftable directional radiation pattern, means for applying trains of pulses of radio frequency energy to said radiator to provide radiated signals for said radiation pattern, and means operative synchronously with the directive shifting of said directional radiation pattern for controlling the spacing of the pulses of said trains in accordance with the angular position of said pattern.

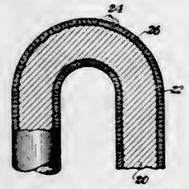
2. A beacon system according to claim 1, further comprising receiver means for receiving the radiated signals of said radiation pattern, and indicator means responsive to the spacing of the pulses of said received signals for indicating the position of said receiver means relative to said radiator.

2,450,006
THICKENER
Frank G. Lesniak, Laurel, Miss., assignor to Masonite Corporation, Laurel, Miss., a corporation of Delaware
Application August 14, 1943, Serial No. 498,907
2 Claims. (Cl. 210—149)



1. Apparatus for reducing the water content of watery fibrous stock, which comprises the combination of a supply means for the stock, removal means for removing stock with reduced water content at a level lower than the level of the supply means, and a fixed convex screen in front of the supply means and inclined forwardly and downwardly therefrom to the removal means, the contour of the screen being such as to cause the stock to move over the surface of the screen by its own inertia toward the stock removal means, first moving relatively slowly over a relatively horizontal screen area near the upper part of the screen when containing the highest percentage of water, and then moving with increased speed over a more inclined screen area as it approaches the stock removal means when containing a reduced portion of water, whereby to cause water to separate from the stock and pass through the screen, and to avoid, through the increased speed attained, the jamming up of the stock near the bottom of the screen.

2,450,007
CARBURIZED FILAMENT AND METHOD FOR TREATING THE SAME
Charles V. Litton, Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware
Application November 23, 1942, Serial No. 466,567
1 Claim. (Cl. 250—27.5)

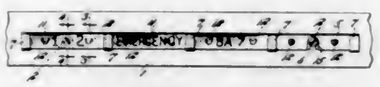


A wire for mounting in an electronic discharge device consisting of a tungsten-containing core surrounded by an outer layer of thoriated tungsten carbide having a crazed surface and no connection other than surface contact connection with said core.

2,450,008
COOPERATING CARD ENVELOPE AND A CARD HOLDER WITH DETENT RETAINING MEANS
Carl Lomholt, Bogota, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application June 18, 1945, Serial No. 600,039
10 Claims. (Cl. 40—10)

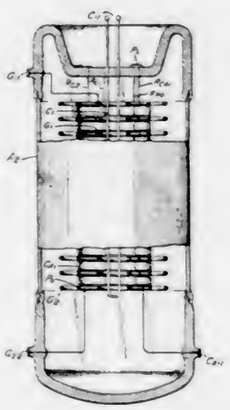
10. A designation strip assembly comprising a holder member formed of sheet metal bent upon

itself along a longitudinal line providing a channel section having spaced inner and outer walls united by an upwardly positioned return bend and having its inner wall formed with lower edge opening slots for the reception of securing screws and the outer wall having integral tongues on its lower edge spaced at regular intervals and outwardly and upwardly turned to provide stop and guide supports open at the top for the reception



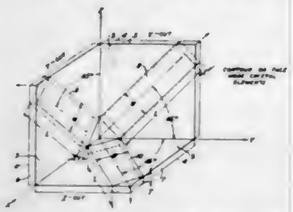
of separable card members, and separable designation card assemblies fitted to the guide supports and consisting of a card and an envelope therefor of sheet cellulose acetate folded on a longitudinal line and positioned with its fold uppermost, said envelope having longitudinally aligned apertures in each end portion and said holder member outer wall having outwardly pressed shoulder portions formed with an upwardly positioned curved junction and positioned to register with the apertures.

2,450,009
MULTIPLE STAGE THERMIONIC VALVE
Alan Julian Maddock, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company
Application May 13, 1943, Serial No. 486,897
In Great Britain May 22, 1942
6 Claims. (Cl. 250—27.5)



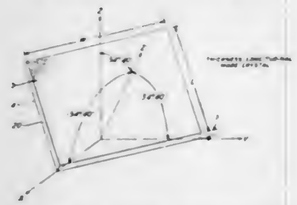
1. A thermionic valve device including a cathode, a cathanode spaced from said cathode and comprising a plurality of spaced cathanode surfaces of discrete dimensions, a first grid electrode mounted between said cathanode and said cathode, the conductors of said grid electrode being positioned in line with the apertures between said cathanode surfaces, an anode spaced from said cathanode surfaces on the side thereof remote from said cathode, and a second grid electrode mounted intermediate said cathanode and said anode.

2,450,010
PIEZOELECTRIC CRYSTAL APPARATUS
Warren P. Mason, West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 9, 1943, Serial No. 497,883
9 Claims. (Cl. 171—327)



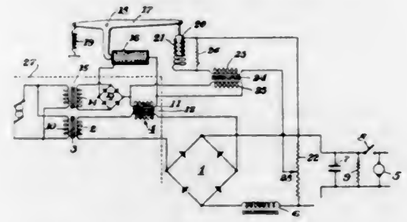
1. Piezoelectric crystal apparatus comprising an ammonium dihydrogen phosphate piezoelectric crystal body adapted for longitudinal lengthwise motion at a frequency dependent mainly upon the value of the longest or length axis dimension thereof, said value of said elongated length axis dimension corresponding to the value of said frequency, said crystal body having substantially rectangular shaped major faces, the width axis dimension of said major faces being substantially perpendicular to said length axis dimension thereof, and the ratio of said width axis dimension with respect to said length axis dimension being a value less than 0.6, said major faces being disposed substantially perpendicular to the Z axis of the three mutually perpendicular X, Y and Z axes, and said length axis dimension being inclined at an orientation angle of substantially 45 degrees with respect to said X and Y axes, said orientation angle being a value corresponding to the maximum value of piezoelectric constant for said longitudinal mode of motion, to the maximum value of said motion along said length axis dimension, and substantially to zero value of coupling of said desired longitudinal motion with the undesired face shear mode of motion in said crystal body.

2,450,011
PIEZOELECTRIC CRYSTAL APPARATUS
Warren P. Mason, West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 24, 1945, Serial No. 637,126
18 Claims. (Cl. 171—327)



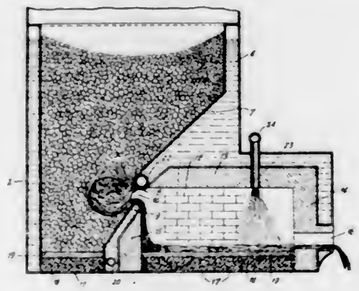
1. A piezoelectric crystal element adapted for longitudinal motion along its thickness dimension which is normal to its major faces, and comprising one of the substances ammonium dihydrogen phosphate and potassium dihydrogen phosphate, said crystal element having said normal to said major faces inclined at substantially equal angles with respect to all three of the mutually perpendicular X, Y and Z axes thereof.

2,450,012
VOLTAGE REGULATOR
Warren S. Master, Rutherford, N. J., and Edmund Engelman, Elmhurst, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application September 30, 1944, Serial No. 556,584
4 Claims. (Cl. 175—363)



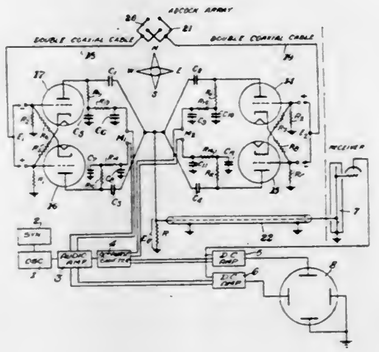
1. A self-regulating rectifying system for converting alternating current into direct current, comprising a rectifier having an alternating current input circuit and a direct current output circuit, a power source connected to said input circuit, a saturable core reactor in said input circuit, and regulating means for increasing or reducing the reactance of said reactor in accordance with the rise or fall respectively of the potential across said output circuit, said regulating means comprising a saturating winding on said core, a variable resistor and a current supply, all connected in series, means for varying the resistance of said resistor in response to potential variations of said output circuit, whereby the direct current potential of said output circuit remains substantially constant, said last means comprising a voltage responsive coil and a potential divider connected across said output circuit, and an accelerating means, said accelerating means comprising a transformer having primary and secondary windings, said primary winding being connected in series with said voltage responsive coil and said potential divider, and said secondary coil being connected across said saturating winding.

2,450,013
APPARATUS FOR PRODUCING ROCK WOOL
Oliver J. Nelson, Parsons, Kans., assignor to himself as trustee
Application May 5, 1943, Serial No. 485,715
15 Claims. (Cl. 263—27)



5. A cupola for fusing material having an opening for the discharge of fused material, said opening being formed by an upper wall or arch spaced above a bottom wall or weir, the interior side of the upper wall being inclined upwardly and outwardly from the opening, the interior side of the lower wall being inclined inwardly and downwardly from the opening, and a burner in the cupola at the opening, so positioned and directed that the area across, above, below, and directly to the rear of the opening is a melting zone subjected to heat sufficiently high to readily fuse the material, the opening being of a height above a floor outside the cupola sufficiently greater than the depth of the melting zone below the opening that the flow of viscous molten material in passing through the opening and falling to said floor will drag the molten material from the bottom of the melting zone.

2,450,014
ELECTRONIC GONIOMETER FOR RADIO DIRECTION FINDERS
John H. Newitt, Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application October 28, 1944, Serial No. 560,823
13 Claims. (Cl. 343—121)

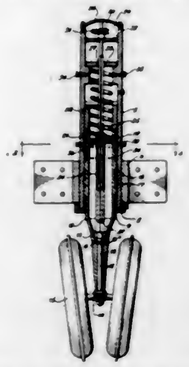


1. In combination, an electronic goniometer divided into two sections comprising electric discharge devices, a directional antenna connected with each section, a source of sinusoidally varying modulating voltages applied out of phase to the two sections, an output load in which the phase and amplitude of the signals applied to the two sections is compared, and an indicator comprising a sine wave generator controlling said source of modulating voltages.

2,450,015
STEERABLE WHEEL SHOCK ABSORBER
Norman N. O. Odegaard, McHenry, N. Dak.
Application November 14, 1946, Serial No. 709,760
1 Claim. (Cl. 280—92)

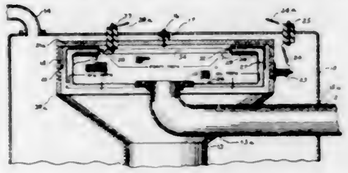
In combination, a shock absorber including a vertical cylinder, a hollow spring biased piston working in the cylinder, a wheel mounting extending downwardly at the lower end of the piston, a vertical steering rod journalled in the mounting, a wheel spindle carried at the lower end of the rod for horizontal swinging movement to steer a wheel mounted thereon, a sectional telescoping shaft extending upwardly from the rod through the piston, a gear housing in the upper

end of the cylinder, an operating shaft extending outwardly of the housing, and gears in the hous-



ing operatively connecting the upper end of the first named shaft to said second named shaft.

2,450,016
HIGH-VOLTAGE FOAM BREAKER
Isadore Irving Pinkel, Cleveland, Ohio
Application October 12, 1944, Serial No. 558,445
4 Claims. (Cl. 204—302)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. In an apparatus for releasing gases entrained as foams in liquids, the combination comprising: a tank, a pair of electrodes mounted within said tank and having their surfaces uniformly spaced apart to form a foam flow passage therebetween; a porous member within said tank and adjacent said electrodes; an electrical conductor connected to each of said electrodes and adapted to be connected to a source of high potential electrical energy for impressing a large difference of potential across said electrodes; an inlet conduit adjacent said porous member positioned to direct foam carrying liquid to said member to permit the portion of the incoming liquid which is free of foam to pass through said member and the remaining foam to flow into said passage wherein the gas entrained therein will be released; and means for receiving said portion of the liquid and the liquid from which gases entrained therein have been released.

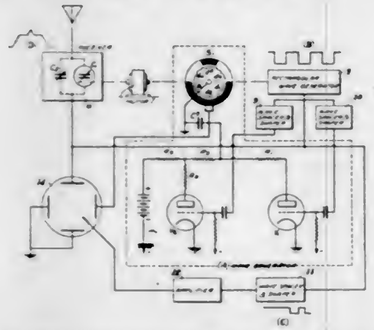
2,450,017
METHOD OF PRODUCING ANIMATED CARTOONS
Robert Place, Glen Cove, N. Y., assignor to Place Process, Inc., Washington, D. C.
Application June 8, 1944, Serial No. 539,245
18 Claims. (Cl. 88—16)

1. The method of producing animated cartoons from a series of cartoon drawings which comprises, photographically producing images of said series of drawings on successive areas of a transparent strip, opaquing the image bearing face of the strip within outlines of the images in vary-



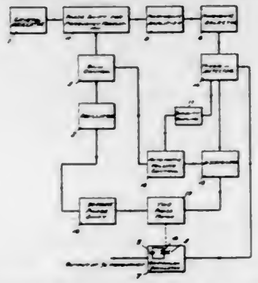
ing tones to complete the cartoon images, and photographing the series of completed images on successive frames of a sensitized film.

2,450,018
RADIO MONITORING SYSTEM
Albert Preisman, Flushing, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware
Application May 7, 1943, Serial No. 485,970
6 Claims. (Cl. 250—20)



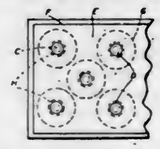
4. A radio receiving system comprising a radio receiver, a mechanically-rotated scanning condenser in said receiver, said scanning condenser having a stator combined with a rotor plate formed of two segments of less than 90° each, separated on one side by a cut-out portion extending over an angle of approximately 180° and on the other side by a cut-out portion extending over an angle of substantially less than 180°, so that rotation of the rotor will cause the capacity of said scanning condenser, and consequently the frequency received by said radio receiver, to remain substantially constant during the time that both cut-out portions are simultaneously respectively entering and leaving the stator, an oscilloscope, means for delivering the output of said receiver to one set of deflection plates of the oscilloscope, a resistance condenser circuit connected to a second set of deflection plates of the oscilloscope, a source of power for the resistance condenser circuit, mechanically controlled switching means for controlling the charging and discharging of the condenser of said resistance condenser circuit to derive therefrom a voltage wave for application to the said second set of deflection plates of the oscilloscope, said switching means comprising a fixed contact and a rotating contact of substantially circular form and having two spaced-apart conducting segments of less than 90° each, separated on one side by an insulating segment of approximately 180° and on the other side by an insulating segment of substantially less than 180°, so that rotation of said rotating contact will permit the condenser of said resistance condenser circuit to charge only during the intervals that the said insulating segments of said rotating contact are in contact with said fixed contact, and means for synchronizing the operation of the said mechanically-rotated scanning condenser and the said mechanically-controlled switching means result in a correlation of the voltages delivered to the two sets of plates of the oscilloscope.

2,450,019
FREQUENCY MODULATED OSCILLATOR CONTROL
Richard H. Ranger, United States Army, Newark, N. J.
Application July 6, 1944, Serial No. 543,746
10 Claims. (Cl. 250—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



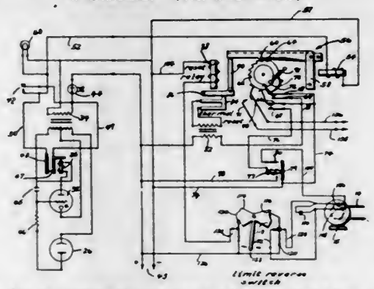
1. A process of controlling the frequency of a high frequency oscillator over a wide range of frequencies, said process comprising, generating a first electrical wave of substantially constant frequency, generating a second electrical wave of substantially constant frequency, shifting the phase of said first wave by modulating the frequency of said first wave by means of said second wave, amplifying and selecting a harmonic of said phase-shifted wave, generating a third electrical wave whose frequency is to be controlled, mixing said amplified and selected harmonic with said third wave and thus detecting a primary beat note of variable frequency, converting the primary beat note into a secondary beat note of the same frequency as the second wave, and combining energy from the secondary beat note and from the second wave in phase quadrature to each other to provide control energy to cause the frequency of the third wave to be brought to its proper frequency in the event of any variation from such proper frequency.

2,450,020
MANUFACTURE OF RECTIFIER DISKS
Edward Arthur Richards, Leslie James Ellison, and Frank Gray, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application November 20, 1943, Serial No. 511,103
In Great Britain December 3, 1942
3 Claims. (Cl. 175—366)



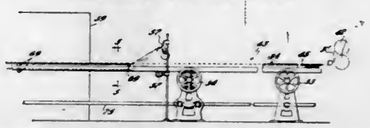
1. A process of manufacturing a plurality of apertured so-called center-contact rectifier elements from a base plate provided with a layer of rectifying material which comprises the following steps: punching out a plurality of holes corresponding to the holes in the elements to be made, applying insulating material to the layer of rectifying material to cover a small area around each hole, inserting self-centering masks in these holes, spraying the base plate with a conducting layer forming the counter-electrode, covering the masks and the exposed surface of the rectifying layer.

2,450,021
AUTOMATIC DOOR OPERATOR
Cyrus T. Schirmer, Wayland, and Max Knobel, Arlington, Mass., assignors, by mesne assignments, to Redmond Company, Inc., a corporation of Michigan
Application August 27, 1945, Serial No. 612,924
6 Claims. (Cl. 318—452)



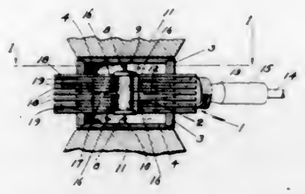
6. An automatic garage door operator comprising a phototube adapted to be activated by the headlight of an automobile, a step relay operable upon each activation of the tube, reset means for restoring the step relay, timing means for operating the reset means a predetermined time after operation of the step relay, motor control contacts operable on a selected number of steps of the relay, an optical system for the phototube including a lens, and a field-limiting diaphragm in the neighborhood of the focal plane of the lens, the phototube being disposed in back of the diaphragm to receive diffuse light passed therethrough.

2,450,022
CLOTH FINISHING
George A. Schreiner, Troy, N. Y., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y., a corporation of New York
Application August 3, 1946, Serial No. 688,239
7 Claims. (Cl. 26—18.6)



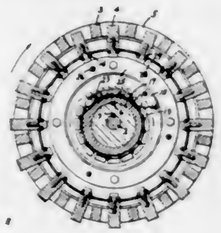
1. Apparatus for finishing fabrics comprising in combination mechanism for compressively shrinking the fabric in length, a tenter arranged to receive the fabric shrunk by the compressive shrinking mechanism, the tenter including means for moistening and drying the fabric, a set of nipping rolls adapted to receive the fabric passing from the compressive shrinking mechanism to the tenter, and means for varying the ratio between the speeds of the tenter and the said set of nipping rolls on the one hand and the compressive shrinking mechanism on the other hand.

2,450,023
ELECTRON DISCHARGE DEVICE OF THE MAGNETRON TYPE
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application November 15, 1943, Serial No. 510,423
3 Claims. (Cl. 315—39)



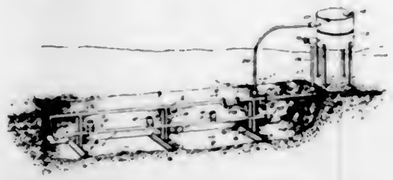
1. An electron discharge device comprising a cathode; and an anode structure spaced from said cathode; said anode structure including a pair of arm members which, together with that portion of said anode structure lying therebetween, define a cavity resonator; each of said arm members being centrally slotted in a plane perpendicular to the axis of said cathode, and thereby forming a single pair of capacity-coupled arm elements of equal lengths; all of said arm elements presenting electron-receiving faces of equal lengths to said cathode.

2,450,024
THREAD ADVANCING REEL
Richard W. Stanley, Drexel Hill, Pa., and Carl A. Castellan, Wilmington, Del., assignors to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application September 24, 1946, Serial No. 698,918
6 Claims. (Cl. 28—71.7)



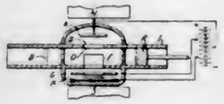
1. A thread-advancing reel comprising a set of spaced bars rotatable about an axis, a second set of spaced bars interdigitating with the bars of the first set, means for supporting the second set of bars rotatably on an axis of rotation eccentric to that of the first set, each of the bars of the second set being mounted on the supporting means pivotally on a single axis transverse of the axis of rotation of the second set of bars, a fixed cam comprising an actuating surface having a gradual rise through an arc greater than 90° followed by a drop through an arc of less than 90° and then followed by a dwell between the drop and the rise, said cam being spaced axially of the reel from the plane of the pivotal axes of the bars of the second set, and means for rotating the bars whereby the bars of the second set are rocked about their pivotal axes by said fixed cam.

2,450,025
GASOLINE FIELD STOVE
Leander J. Stein, United States Army, Sheboygan, Wis.
Application January 4, 1945, Serial No. 571,343
3 Claims. (Cl. 158—63)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A demountable vapor-burner stove comprising an elongated horizontal burner tube, an elongated horizontal generator tube laterally above and communicating with said burner tube, at least one burner jet in said burner tube in heat exchange relation to said generator tube, the vertical axis of said jet being lateral of said generator tube, a plurality of upright standards, the upper end of each of said standards providing underneath support for seating said generator tube, and the vertical edge of each of said standards having means for holding said tubes against lateral displacement, said tubes being disengageable from said standards by lifting.

2,450,026
THERMIONIC DEVICE FOR USE WITH WAVE GUIDES
Stanley Gordon Tomlin, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company
Application October 14, 1942, Serial No. 462,027
In Great Britain August 29, 1941
8 Claims. (Cl. 250—27)



1. Electron discharge apparatus for use with dielectric wave guides comprising a length of the wave guide open at one end a source of electromagnetic waves coupled to said open end, a reflector acting as a closure at the other end, means for producing standing waves in said guide, means for producing and directing a beam of electrons transversely across the guide at a point along the guide where a field antinode exists and where the direction of the electron beam is parallel to the electric field lines of force of the electromagnetic waves whereby the electrons in said beam are velocity modulated by said field and bunched in their passage across the guide there being openings transversely through said guide for the passage of said beam, means for bringing electrostatic charges to bear on said beam after passage through the guide and means to limit the space across said guide to at least one gap within which the electrons react with said field, so that the transit time of electrons crossing said gap is small compared with the period of oscillations.

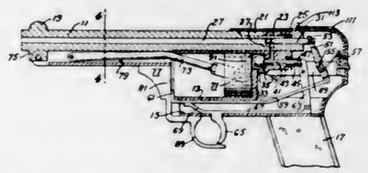
2,450,027
DIMERIZATION OF ALPHA-ALKYL PARA-ALKYL STYRENES
Arthur J. Warner, South Orange, and Theodore H. Talbot, East Orange, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application December 21, 1943, Serial No. 515,168
8 Claims. (Cl. 260—669)

1. The method of making substantially pure dimers of alpha-alkyl para-alkyl styrenes which comprises the steps of mixing a monomeric alpha-alkyl para-alkyl styrene having not more than five carbon atoms in either the alpha or the para substituents at temperatures in the range between 60° C. and the boiling point of the monomer, with between ½% and 10% by weight of previously activated fuller's earth, said fuller's earth having been activated by heating at temperatures between 200° C. and 400° C., maintaining the mixture within said temperature range until the refractive index is substantially stabilized, removing the fuller's earth and separating the dimer from the remaining constituents.

2,450,028
DIMETHYL STYRENE POLYMERIZATION PRODUCTS AND THEIR PREPARATION
Karl H. Weber, Lancaster, and Paul O. Powers, Manheim Township, Lancaster County, Pa., assignors to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
No Drawing. Application October 12, 1942, Serial No. 461,782
3 Claims. (Cl. 260—86.5)

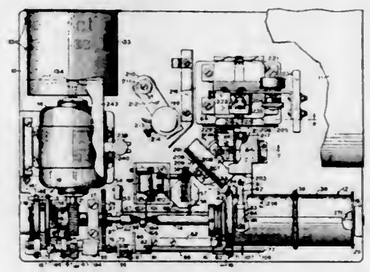
1. A rubber-like material comprising the emulsion polymerization product of about 35 parts by weight of para-methyl-alpha-methylstyrene and about 65 parts by weight of butadiene 1,3.

2,450,029
COMPRESSED AIR GUN
William S. Wells, Palo Alto, Calif., assignor to Paul S. Linforth, San Francisco, Calif.
Application September 23, 1941, Serial No. 411,989
5 Claims. (Cl. 124—13)



1. A compressed air gun comprising a barrel, a pump associated therewith including a cylinder having an open end and supported adjacent said barrel with its closed end toward the breech end of the gun, a lever pivoted adjacent the muzzle end of said barrel, said lever in one extreme position of swing having a portion disposed substantially parallel to said barrel and an angularly disposed portion extending across the open end of said cylinder, a piston in said cylinder having its working surface facing the closed end of said cylinder, a piston rod connected at one end to said piston and at its other end to an intermediate point on said lever lying just slightly beyond a line joining the pivot axis of said lever and the piston rod connection to said piston, in the direction of said barrel, when said piston is at the end of its compression stroke, a slidable breech pin normally held at the firing position of a shot in said barrel, and adapted to be withdrawn sufficiently to expose the interior of said barrel to a feed opening, and means connected to said breech pin and extending between the open end of said cylinder and said lever, in the path of movement of said piston on its intake stroke for effecting such withdrawal of the breech pin to automatically load said gun during the operation of said pump.

2,450,030
FACSIMILE TELEGRAPH SYSTEM AND APPARATUS
Raleigh J. Wise, Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application May 5, 1942, Serial No. 441,764
14 Claims. (Cl. 178—6.6)

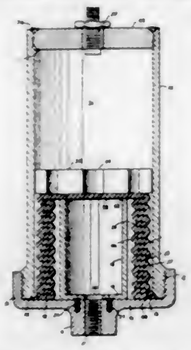


1. In a facsimile telegraph system, a plurality of facsimile machines interconnected for facsimile communication, each having a scanner comprising a rotary member having an area to be scanned and a device to traverse said area by closely spaced excursions representing scanning lines, power-driven means for causing relative movement between said member and said device at said machines, a connection operative to produce said relative movement comprising a power transmission means of the positive connection type, frictionally urged control means for controlling operation of said positive power transmission means, and means for releasing said control means at one of said machines when the rotary member at another machine is in a predetermined angular position.

2,450,031
ACCUMULATOR
Alexandre Berger, New York, N. Y., assignor to Aircraft Hydraulics, Inc., a corporation of New York
Application January 30, 1945, Serial No. 575,330
11 Claims. (Cl. 138—31)

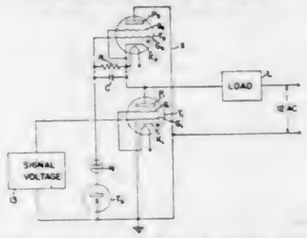
1. In an accumulator, a closed cylinder adapted to have its closed end connected to a source of fluid medium under pressure and having a cylinder head detachably secured to its other end and adapted to be connected to a different source of fluid under pressure, a piston in said cylinder having clearance passages formed therein, and an elongated expansible and contractible nonmetallic member having one end flanged and secured in fluid tight relation between said other end of said cylinder and said cylinder head, the other end of said expansible and contractible member being closed and formed integral there-

with, said closed end of said member being secured to and guided by said piston, said expansible and contractible member having its exterior



subjected to the pressure of fluid from said first mentioned source and having its interior subjected to fluid pressure from said second mentioned source.

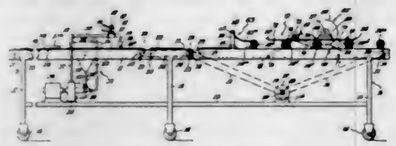
2,450,032
REVERSELY-CONNECTED ELECTRIC DISCHARGE DEVICE SYSTEM
Arthur F. Cann, Danvers, Mass., assignor to Browning Laboratories, Inc., Winchester, Mass.
Application February 4, 1943, Serial No. 474,669
2 Claims. (Cl. 250—27)



1. In combination with an alternating current power source and a load, an electrical control circuit for controlling the power applied to the load comprising two gaseous discharge control tubes reversely connected between the power source through the load, each of said control tubes having a cathode and a control grid, signal means connected to one of said control grids for controlling the discharge of the one tube, a rectifier circuit connected between the cathodes of the tubes and means included in said rectifier circuit for applying periodically a gradually decaying potential to the grid of the other tube for controlling the initiation of the discharge across said tube and a neon tube in series in said rectifier circuit for opening the circuit when the potential has dropped below a given desired value.

2,450,033
MEANS FOR MAKING JELLY ROLLS OR THE LIKE
Morris Cohen, Kansas City, Mo., assignor to Interstate Bakeries Corporation, Kansas City, Mo., a corporation of Delaware
Application March 24, 1945, Serial No. 584,545
2 Claims. (Cl. 107—4)

1. In a jelly roll machine the combination of, an endless belt conveyor to receive a series of cake slabs in abutting edge to edge relation, jelly depositing means suspended over said conveyor including mechanism for effecting discharge of jelly onto the slabs continuously while the conveyor is in motion and the slabs are in abutting relation, another conveyor in end to end adjacent relation with the first mentioned conveyor to receive the slabs successively from the first mentioned conveyor after the jelly is deposited thereon, means for causing the second mentioned conveyor to space the slabs apart, and a flexible apron having one end suspended over the machine at

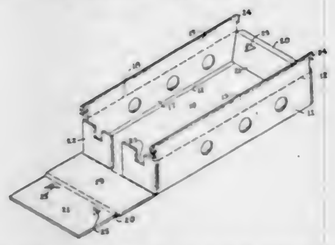


a place and arranged to be engaged by the slabs after the latter are spaced apart by the said second mentioned conveyor, the other end of said apron being free and dragging on the conveyor and the transverse edges of the slabs being spaced apart by said second mentioned conveyor a sufficient distance to permit the free end of the flexible apron to fall between said transverse edges successively, whereby the leading transverse edge of each slab is picked up by the apron and under the influence of movement of the conveyor the slab is rolled up with the jelly between the convolutions of the roll.

2,450,034
GROUNDWOOD BLEACHING BY HYDROSULFITE
Howard J. Cronin, Glens Falls, N. Y., assignor to International Paper Company, New York, N. Y., a corporation of New York
No Drawing. Application December 1, 1943, Serial No. 512,475
4 Claims. (Cl. 8—104)

1. A method of bleaching an aqueous suspension of groundwood pulp comprising: adding zinc hydrosulphite in an amount equal to 1% of the dry weight of pulp; mixing said zinc hydrosulphite with said suspension with a minimum of agitation and thereafter maintaining said mixture quiescent for not less than three hours.

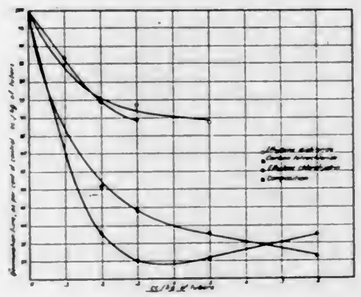
2,450,035
BOX
Stanley B. De Mian, Chicago, Ill., assignor to International Paper Company, New York, N. Y., a corporation of New York
Application November 23, 1945, Serial No. 630,163
5 Claims. (Cl. 229—34)



5. A box formed from a single blank of paperboard or the like, comprising a bottom, side walls,

and double-ply end walls, all of said walls being folded upwardly from said bottom, means for spacing the plies of said end walls, each of said side walls including an outer wall panel, a flange connected thereto and extending inwardly from the top thereof, a panel dependent from the inner edge of said flange and folded back under said flange at an angle thereto, and an inner wall panel dependent from said angularly positioned panel and extending into proximity to said bottom, said flange and angular panel together being provided with means projecting at each end beyond said outer and inner wall panels and engageable with said end walls for locking all of said walls in erect position, the inner ply of each of said double-ply end walls being provided with a pair of apertures for receiving said locking means, each aperture having an edge disposed in substantial parallelism with the flange of an associated side wall and an edge disposed in substantial parallelism with the angularly positioned panel whereby upon the receiving of said locking means in said apertures said angularly positioned panels together with their dependent inner wall panels may be flexed outwardly and upwardly from their normal position in an unfilled box to accommodate contents bulking somewhat greater than the volume of the box normally available for filling.

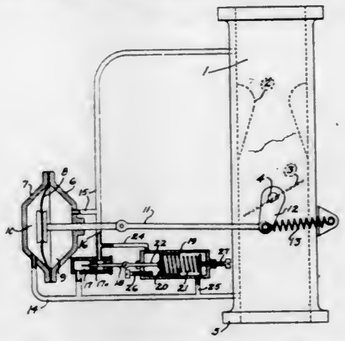
2,450,036
SPROUTING OF BUDS
Frank Earl Denny, Yonkers, N. Y., assignor to Boyce Thompson Institute for Plant Research, Inc., a corporation of New York
Application May 12, 1945, Serial No. 593,521
4 Claims. (Cl. 47—58)



3. The method of hastening the sprouting of buds which comprises treating the buds with a composition comprising ethylene chlorohydrin, ethylene dichloride, and carbon tetrachloride, the said composition being vaporized and the vapors caused to contact the buds.

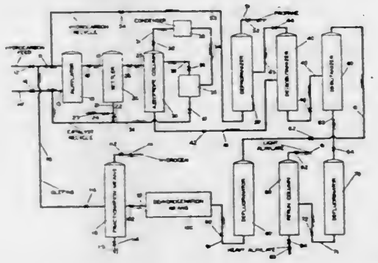
2,450,037
GOVERNOR
Roger R. Dulong, St. Louis, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Missouri
Application September 23, 1946, Serial No. 698,779
7 Claims. (Cl. 137—153)

1. In a governor for an internal combustion engine having an intake conduit, a governing valve in said conduit, a device responsive to pressures in said conduit for actuating said valve, means tending to moderate the effect of said device, and means independently responsive to the



intake conduit pressures for adjusting said moderating means.

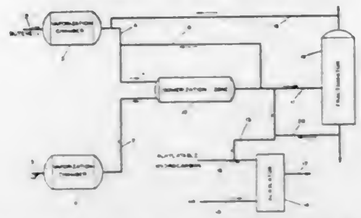
2,450,038
HYDROFLUORIC ACID ALKYLATION PROCESS
Frederick E. Frey, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application August 10, 1943, Serial No. 498,117
13 Claims. (Cl. 260—683.4)



1. A process for the treatment of the hydrocarbon effluent from a hydrofluoric acid alkylation step in which isobutane is alkylated in the presence of normal butane, which comprises subjecting said hydrocarbon effluent to an azeotropic distillation whereby free hydrofluoric acid is removed; fractionating the hydrogen fluoride-free effluent so obtained to separate an isobutane fraction containing organic fluoride impurities, a normal butane fraction containing organic fluoride impurities, and a higher-boiling fraction also containing organic fluoride impurities; recycling said isobutane fraction to said alkylation step; passing said normal butane fraction to a first defluorination means containing aluminum oxide and maintained at a temperature in the range 150–300° F. and effecting therein a removal of fluorine from said fraction; subjecting the defluorinated material so obtained to dehydrogenation; separating from the effluent from said dehydrogenation a mixture comprising propene, butenes, and unreacted butane; passing said mixture to said alkylation step; passing said higher-boiling fraction to a second defluorination means containing aluminum oxide and maintained at a temperature in the range 150–500° F.; passing the substantially fluorine-

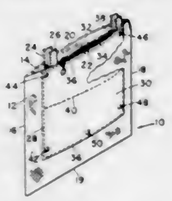
free material so obtained to rerun means; and withdrawing from said rerun means a fraction boiling in the motor-fuel range and a fraction boiling above the motor-fuel range.

2,450,039
ISOMERIZATION PROCESS
Frederick E. Frey, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application May 12, 1945, Serial No. 593,464
8 Claims. (Cl. 260—683.2)



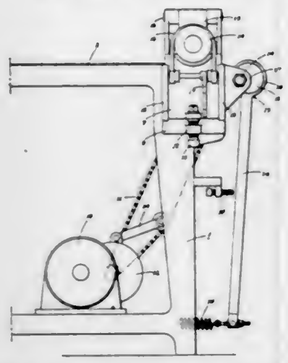
1. A process for the isomerization of butene-1 to butene-2 which comprises introducing butene-1 vapor and anhydrous hydrogen fluoride vapor into an isomerization zone in the ratio of about 5 to 20 mols of butene-1 per mol of hydrogen fluoride, at a temperature of 300 to 1000° F. at a contact time of 5 to 50 minutes to effect substantial conversion of said butene-1 to butene-2 in the absence of substantial polymerization and without substantial change in the carbon skeleton of the butene-1 molecule.

2,450,040
COMBINED SHOPPING BAG AND HANDBAG
William Patrick Gibson, Plainfield, N. J., assignor to Holdall Bag Company, Inc., New York, N. Y.
Application March 5, 1948, Serial No. 13,150
1 Claim. (Cl. 150—1.7)



A foldable convertible bag comprising two coextensive side panels joined to one another along the side and bottom edges of the bag, a pair of handles, one associated with each of the upper edges of the side panels, a flexible cover panel superimposed upon one of said side panels, the side edges of said cover panel being disposed between the side edges of the bag and the ends of the handles and the bottom edge of the cover panel being spaced from the bottom edge of the bag, the width of said cover panel being in excess of the width of the folded bag and the height of the cover panel being in excess of twice the height of the folded bag, the upper edge of said cover panel being in registry with the upper edge of the side panel on which it is disposed, said bag being adapted to be folded to a smaller size by folding the side and cover panels first near the bottom and then near the side edges of the cover panel and then by folding the side and cover panels in half parallel to the upper edges of the side panels, means to detachably secure the folded portions of the bag together, stitching to secure the periphery of the cover panel to its associated side panel except between the ends of the handles, and means to detachably attach the remainder of the cover panel to the registered edges of the side panel along their lengths.

2,450,041
SHEET METAL ROLLING MACHINE
Albert L. Groves, Farmington, Calif.
Application March 16, 1946, Serial No. 654,970
3 Claims. (Cl. 153—54)

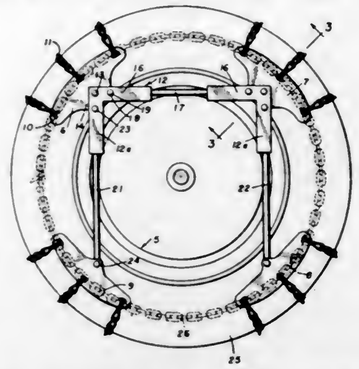


1. A sheet metal rolling machine comprising an upstanding frame, a work supporting bed on the frame, said bed having a delivery end, a pair of transverse, cooperating rollers, means mounting the rollers on the frame one above the other and directly beyond the delivery end of the bed, said delivery end of the bed being closely adjacent and substantially tangential to the upper roller at the low point thereof, the lower roller being mounted for adjustment to alter the peripheral working point thereof circumferentially of the upper roller on the side of the latter opposite the bed and above said low point, and means operative to drive a roller of the pair in a direction turning away from the bed at such peripheral working point; the lower roller mounting means comprising a pair of upstanding parallel bell crank levers, the lower roller being journaled at its ends on corresponding legs of the bell crank levers, means pivotally mounting said levers intermediate their ends in connection with the frame for swinging lengthwise of the latter and for adjustment in the same direction, and yieldable means connected to the bell crank levers and acting thereon in a direction to urge the lower roller toward the upper roller.

2,450,042
ANTISKID CHAIN
Edwin P. Harold, Menasha, Wis.
Application March 3, 1947, Serial No. 732,079
3 Claims. (Cl. 152—241)

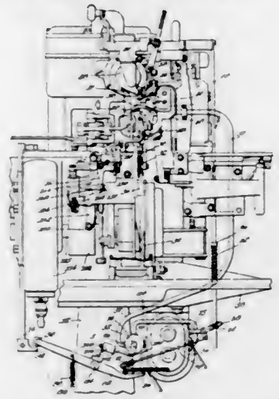
1. A collapsible anti-skid device of the character referred to including a pair of cross link receiving plates, a second pair of cross link receiving plates, a foldable frame connecting said plates in spaced apart relationship on the inside of a wheel and including a pair of substantially L-shaped channel members secured at their corners to each of said first named plates and adapted to limit the opening movement of the

frame, cross links having one end secured to the plates, and an adjustable circumferential chain



on the outside of the wheel and connected to the other ends of said cross links.

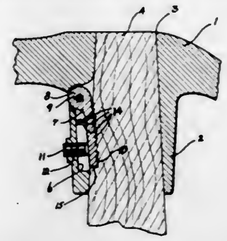
2,450,043
SEWING MACHINE
Otto R. Haas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application November 1, 1945, Serial No. 626,043
19 Claims. (Cl. 112—38)



1. A sewing machine having a work support, and stitch forming devices including a needle and a thread cutter, in combination with means acting after the cutter has operated to secure the severed end of the thread remaining in the machine at a position to insure proper insertion of the initial stitch of a new seam when sewing operations are restarted, comprising a pneumatic thread holder located in proximity to the thread cutter to attract the end of thread after being severed.

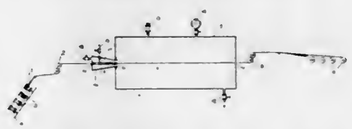
2,450,044
TOOL HANDLE LOCK
Bryan J. Hobbs, Millwood, Wash.
Application July 1, 1946, Serial No. 680,727
1 Claim. (Cl. 306—28)

A tool head formed with a rearwardly extending shank and with a bore extending longitudinally through the shank and the head and tapered toward its front end for its full length, a handle having a tapered forward end position fitting into the bore through the rear end thereof and having a wedging fit therein, the shank being formed internally with a longitudinally extending recess deepened at its front end to form a socket located at the junction of the shank with the head, and a pin along its bottom the handle being formed with a longitudinally extending recess disposed opposite the recess in the shank and formed with notches across its inner wall, a latch extending longitudinally in the recess of said shank and formed at its front end with a hinge ear circular in cross section and fitting into said socket with a portion exposed through the open bottom of the socket, said pin passing



transversely through the hinge ear and side walls of the recess in the shank and pivotally mounting the latch for swinging movement into and out of the recess in the handle, said latch being formed across its inner side face with forwardly facing teeth for engaging in the notches of the recess in the handle and securing the head against forward movement off of the handle, and a set screw threaded through an opening in the shank and having its inner end abutting the free rear end portion of the latch to force the latch into the recess of the handle and hold the latch in its handle-securing position.

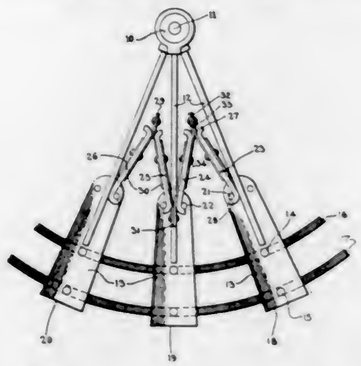
2,450,045
APPARATUS FOR THE TREATMENT OF TEXTILE STRANDS
Thomas Jackson and Frank Brentnall Hill, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
Application January 15, 1943, Serial No. 472,460
In Great Britain July 11, 1942
2 Claims. (Cl. 28—59.5)



2. Apparatus for the treatment of yarns and similar materials during their passage from one point to another, which comprises, in combination with a positively driven forwarding device adapted to feed the materials to the chamber and a positively driven forwarding device adapted to draw the materials from the chamber at a rate faster than that at which they are fed to the chamber by the first mentioned forwarding device, a substantially closed treatment chamber, an injector positioned in a wall of said chamber having an inner member serving as an inlet orifice for the materials and adapted to be connected to a water supply, and an outer member adapted to

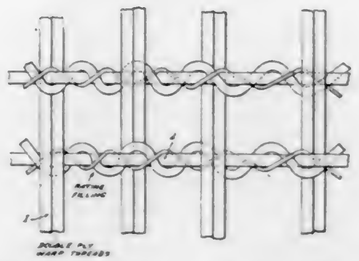
produce an induced current of air through the inner member into the chamber and to be connected at will either to a compressed air supply or to a supply of wet steam, and an outlet orifice for the exit of the materials from the chamber.

2,450,046
LINKAGE FOR EQUISPACING RADIALLY GUIDED APPARATUS
Robert W. Jenny, East Paterson, N. J., assignor to Curtiss-Wright Corporation, Bloomfield, N. J., a corporation of Delaware
Application December 8, 1945, Serial No. 633,655
6 Claims. (Cl. 74—469)



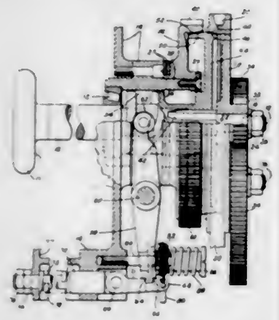
1. Mechanism comprising more than two coaxially mounted, angularly spaced and relatively turnable arms forming a set and means relatively turning said arms equal angular amounts on turning any two elements of the set relative to each other, said means comprising pairs of relatively turnable links for connecting each arm with the next adjacent arm, each link having at one end thereof a pivotal connection with its associated arm, the links of each pair disposed in V relation and the free ends of each pair of links being arranged for rolling movement relative to the other and each pair of links provided at its free ends with a connector hingedly connecting them together, and the links pivotally connected to a common arm being similarly connected together.

2,450,047
FABRIC
Fritz Kloeckener, New York, N. Y.
Application October 18, 1946, Serial No. 704,277
2 Claims. (Cl. 139—420)



1. As a new article of manufacture, an all glass jacquard fabric having a warp consisting of glass yarn, and a filling consisting of glass ratine yarn, the filling based on ten inches of yarn, including a loop thread consisting of 2 ends of 450 single two ply thread 4 to 5 turns per inch S direction, 10 to 10.6 inches of yarn, a base consisting of 1 end of 100 two ply thread 9 to 10 turns per inch S direction 14.5 to 15.2 inches of yarn, the loop thread and the base being twisted together from 15 to 25 turns per inch S direction, a binder consisting of 1 end 450 single two ply thread 4 to 5 turns per inch S direction 10.2 to 10.8 inches of yarn twisted with the combined loop thread and base 10–11 turns per inch Z direction.

2,450,048
AUTOMATIC MANUALLY CONTROLLED CLUTCH
Clyde L. Knott, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application April 27, 1946, Serial No. 665,455
5 Claims. (Cl. 192—33)

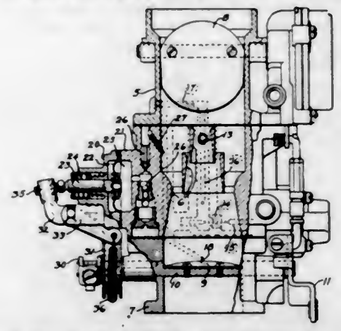


1. A clutch comprising a shaft a pair of rotary driving clutch members coaxial with the shaft, means for driving one of said clutch members at high speed and the other at low speed, a driven clutch member keyed upon said shaft between the driving clutch members, a cam on said driven clutch member, and an operator-controlled mechanism for moving said cam to shift the driven clutch member from a neutral position into engagement with said high-speed driving clutch member, said cam and said operator-controlled mechanism being constructed and arranged also to stop the drive by moving the driven clutch member out of engagement with the high-speed driving clutch member and then into engagement with the low-speed driving clutch member and finally into neutral position.

2,450,049
CARBURETOR DEVICE
Fred A. Kommer and Robert W. Boehlow, St. Louis, Mo., assignors to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application August 22, 1945, Serial No. 612,040
5 Claims. (Cl. 74—470)

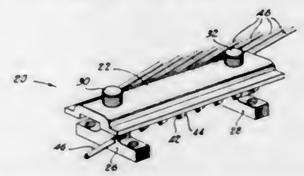
5. Means for transmitting motion between a rotating shaft and a reciprocating plunger spaced laterally therefrom comprising a sheave wheel loosely received about said shaft, a lever rigid with said shaft immediately adjacent said wheel, a second lever pivoted adjacent said reciprocating member and having an arm in alignment therewith for operating the same, and a spring cord

secured at one end to said first lever and at the other to said second lever, and intermediately ex-



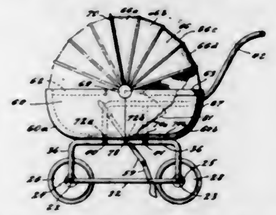
tending partially around the peripheral surface of said sheave wheel.

2,450,050
ELECTRICAL CONNECTOR
James C. Macy, New Cumberland, Pa., assignor to Aircraft-Marine Products Inc., Harrisburg, Pa., a corporation of New Jersey
Application September 28, 1945, Serial No. 619,050
4 Claims. (Cl. 173—334)



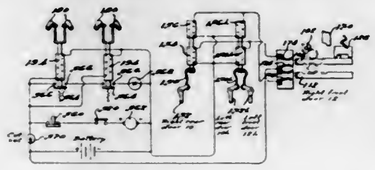
1. A bus bar of the character described for interconnecting a plurality of electrical conductors including a central portion having a plurality of counterpart connection portions projecting at closely spaced intervals therealong, each connection portion comprising a blade-like tab having a reversely bent back integral ear, each blade-like tab determining a plane, and the planes of any two adjacent tabs being disposed substantially parallel to each other and spaced apart by an amount which is slightly in excess of the overall diameter of an electrical conductor.

2,450,051
BABY CARRIAGE CONSTRUCTION
Fowler Manning, Bronxville, N. Y., assignor to Carry-Cab Corporation, New York, N. Y.
Application May 2, 1944, Serial No. 533,773
2 Claims. (Cl. 280—36)



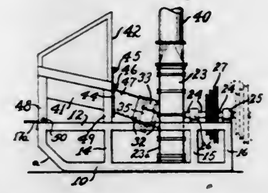
2. In apparatus of the character described, a collapsible wheeled chassis including a pair of axles running transversely of said chassis, a pair of frame pieces running longitudinally of said chassis, one along each side thereof, and a pair of cross bars extending transversely between the upper portions of said frame pieces; said axles and cross bars including hinge means, whereby the chassis may be collapsed, and said cross bars comprising pin-like means adapted to cooperate with and support either a crib-like body for carrying a recumbent infant or a stroller-type body for carrying an erectly sitting child.

2,450,052
LOCKING SYSTEM FOR VEHICLE DOORS
Rollo Marple, Jackson, Mich., assignor to Hancock Manufacturing Company, Jackson, Mich., a corporation of Michigan
Application October 11, 1941, Serial No. 414,627
7 Claims. (Cl. 70—264)



1. In a latching and locking system for a vehicle having a plurality of doors and associated pillar structure, the combination of latch means individual to each door for cooperating between such door and said pillar structure to releasably hold such door in closed position, releasing means for each latch means, key operated mechanism carried by one of the doors, locking means mechanically moved by movement of said key operated mechanism for rendering the releasing means for the corresponding door ineffective, additional locking means comprising electromagnetic elements carried by said pillar structure and operably responsive to said movement of said key operated mechanism for rendering the releasing means for each other door ineffective, said additional locking means including means which, when actuated to locking condition, while rendering said releasing means ineffective as aforesaid, do not interfere with movement of a said other door from the open position to the closed position.

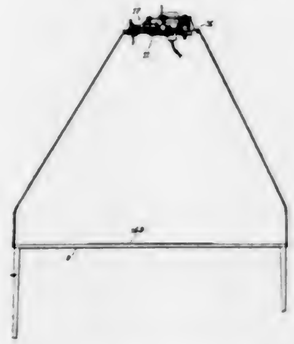
2,450,053
PNEUMATIC GRAIN CONVEYER
Glenn W. McCarty, Wichita, Kans.
Application September 8, 1945, Serial No. 615,131
1 Claim. (Cl. 302—37)



In a pneumatic grain conveyer machine of the kind described; said machine having a centrifugal blower and a grain hopper, tubular means connecting between the inlet of the blower and the outlet of the hopper, said tubular means slop-

ing downwardly from the hopper to the blower so as to convey grain by gravity from the hopper into the interior of the blower, said tubular means having a portion therein to form a compartment in the tubular means, one end of said compartment being open and communicating with the intake opening of the blower, and the compartment being provided with an inlet opening, and means revolvable and movable longitudinally on the tubular means for adjusting the size, shape, and location of the air intake opening into the said compartment, said blower having a discharge opening therefrom, and a rotor therein, said rotor being carried on a rotatable shaft that is carried in bearings that are separate from the blower, and means on said shaft for the rotary driving of the shaft and rotor.

2,450,054
AREA MEASURING MACHINE USING LIGHT BEAMS
Philip E. Nokes, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application August 25, 1941, Serial No. 408,228. Divided and this application May 11, 1944, Serial No. 535,115
2 Claims. (Cl. 88—14)

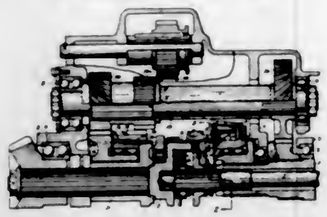


1. An apparatus for measuring the area of sheet material including a work supporting member having a reflecting surface for light received from a source spaced therefrom, a mirror system for scanning the said reflecting surface to transfer light reflected from said surface in the form of a beam, a photocell positioned in the path of the said beam, a shutter mounted to operate in synchronism with the mirror scanning system and regularly to interrupt passage of the beam to the photocell, and means associated with said photocell for counting the impulses produced therein as an indication of the area of sheet material placed upon said supporting member.

2,450,055
FOOD COMPOSITION CONTAINING FUSARIA
Friedrich F. Nord, New York, N. Y.
No Drawing. Application January 6, 1945, Serial No. 571,694
6 Claims. (Cl. 99—2)

1. A basal food composition consisting essentially of *Fusarium lini* Bolley as a protein and B-complex vitamin supplying ingredient, in admixture with other nutritional constituents.

2,450,056
TRANSMISSION MECHANISM
Carl D. Peterson and Albert H. Deimel, Toledo, Ohio, assignors to Dana Corporation, Toledo, Ohio, a corporation of Virginia
Application September 29, 1943, Serial No. 504,231, which is a division of application Serial No. 497,839, August 7, 1943. Divided and this application December 2, 1944, Serial No. 566,272
6 Claims. (Cl. 74—333)



1. In a transmission mechanism, inner and outer concentric drive shafts, a driven shaft axially alined therewith, shiftable clutch sections, an operating part common to both and operable in one direction from neutral to shift one of said sections to connect the outer drive shaft to the driven shaft and in the other direction from neutral to operate the other clutch section to clutch the inner drive shaft to the driven shaft, and an indirect reduction drive gearing between the outer drive shaft and the driven shaft including a countershaft, gearing between the outer drive shaft and the countershaft, gearing between the countershaft and the driven shaft including a clutch gear on the driven shaft, a gear concentric with the driven shaft and meshing with a gear on the countershaft and rotatable relatively to the driven shaft and the clutch gear, an overrunning clutch between the concentric gear and the clutch gear including an outer raceway, and a clutch collar normally clutching the outer raceway to the clutch gear.

2,450,057
PROCESS FOR RECOVERING MAGNESIUM FROM MAGNESIA-CONTAINING MATERIALS
Richard Reik, Piedmont, Calif.
Application December 1, 1945, Serial No. 632,174
6 Claims. (Cl. 75—67)

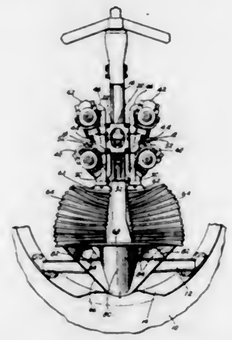


4. The method of recovering magnesium by reduction, which comprises reducing a siliceous initial material with carbonaceous matter at a temperature at which SiO is liberated in the form of vapor according to the equation

$$SiO_2+C=SiO+CO$$

while allowing the gaseous reaction products continually to escape into a non-oxidizing atmosphere, passing the SiO-vapor and CO-gas mixture evolved into intimate contact with a magnesia-containing material which is cold enough for the SiO-vapor to condense therein and thereby causing solid SiO to be deposited within said material while the accompanying CO-gas is caused to pass off; and then heating the reduction charge thus prepared to reduction temperature and condensing the magnesium vapor disengaged, the residue left behind being returned in cycle.

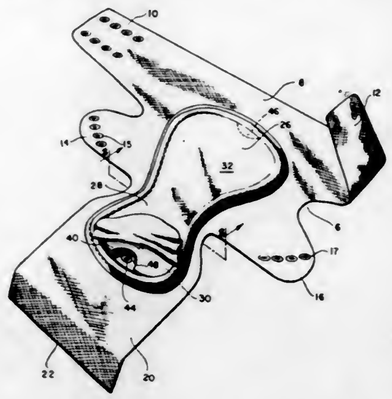
2,450,058
SPENT AMMUNITION ELIMINATING MEANS
George K. Richardson, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application July 3, 1944, Serial No. 543,345. Divided and this application December 2, 1946, Serial No. 713,572
3 Claims. (Cl. 89—33)



1. In a gun mount, a plurality of guns, a column on which the guns are supported for movement in elevation, rigid chutes secured to said guns and arranged to conduct spent ammunition elements therefrom, a flexible conductor one end of which is connected to said chutes, a ring secured to the column and arranged to provide a mounting for the other end of said flexible conductor, said ring having an opening through which spent ammunition elements pass from the flexible conductor.

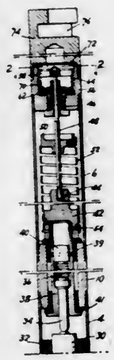
2,450,059
DIAPER HAVING DISPOSABLE INSERTS
Floyd K. Rickerson, Seattle, Wash., assignor of one-fourth to Albert Lobe, Seattle, Wash.
Application July 14, 1947, Serial No. 760,759
5 Claims. (Cl. 128—284)

5. An infant's diaper, consisting of: a diaper body having an adjustable waist band portion; adjustable side enclosing portions; a front flap portion; a disposable pad-receiving area medially disposed with respect to the diaper body; a resilient wall extending around said pad-receiving area and forming a general hour-glass shaped enclosure; means for securing said wall fixedly in position with respect to the diaper body; an overlay of impervious material conforming to the said hour-glass shape, but of sufficient extent to overlie the enclosing wall; an absorbent filler of generally hour-glass shaped pieces adapted to fit



wholly within the said enclosed area; and a pervious covering member for said hour-glass shaped area.

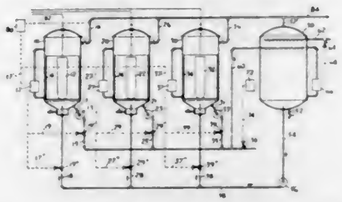
2,450,060
WELL SURVEYING INSTRUMENT
Roland Ring, Houston, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa., a corporation of Delaware
Application November 20, 1945, Serial No. 629,729
10 Claims. (Cl. 33—205.5)



1. A well surveying instrument comprising means for supporting a record member, means for recording position of the instrument on said record member, and temperature responsive means for controlling the recording action, the last mentioned means comprising a rotary spindle, and a thermally responsive element arranged to rotate said spindle upon occurrence of temperature changes and having a spline connection with the spindle for independent axial movement.

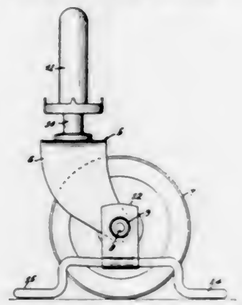
4. A well surveying instrument comprising means for supporting a record member, means for recording position of the instrument on said record member, and temperature responsive means for interrupting the recording action.

2,450,061
ELECTRIC BOILER
Arnold A. Smith, Three Rivers, Quebec, Canada, assignor to International Paper Company, New York, N. Y., a corporation of New York
Application September 24, 1945, Serial No. 618,101
4 Claims. (Cl. 219—40)



1. In a boiler, a boiler chamber, at least one electrode positioned therein and adapted to be partially submerged in water, an electrically grounded baffle surrounding and spaced from said electrode, a separate surge tank, a pressure equalizing connection between said boiler chamber and said surge tank, a first pump for positively pumping water from said boiler into said surge tank, a second pump for positively pumping water from said surge tank into said boiler, said first and second pumps being capable of handling water at a rate in weight per unit of time greater than the maximum rate of steam delivery from said boiler chamber, and means responsive to steam demand for controlling the relative outputs of said first and second pumps to raise or lower the depth of submersion of said electrode.

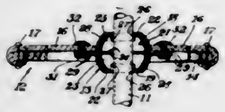
2,450,062
CASTER GUARD
Grace Voss, New York, N. Y., and Victor G. Ellis, Montclair, N. J.
Application June 17, 1946, Serial No. 677,356
7 Claims. (Cl. 16—18)



1. In a device as described, a caster frame, an axle, a wheel supported therein and a guard, consisting of U-shaped members supported on the axle and surrounding the wheel, with its lower edge spaced only slightly above the plane tangent to the periphery of the wheel.

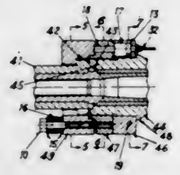
2,450,063
SWIVEL HEAD FOR SKI POLE RINGS
Siegmund Werner, New York, N. Y.
Application March 21, 1947, Serial No. 736,199
9 Claims. (Cl. 280—11.37)

7. The combination with a ski pole ring designed to be tiltably secured to a ski pole and freely to rotate thereon, said ski pole ring comprising a ring and strap means connected to said ring, of a swivel head secured to said strap means about centrally of said ring and comprising two oppositely disposed substantially hemi-spherical parts and a housing surrounding a spherical chamber, said parts arranged to revolve in said



chamber and substantially to remain oppositely disposed therein to form a split spherical member and adapted to receive a portion of a ski pole in two aligned opposite openings thereof in frictional engagement, said housing having two apertures through which said pole protrudes for entirely projecting through said swivel head.

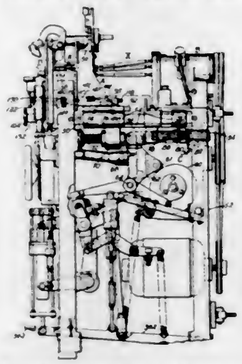
2,450,064
BARREL AND BREECH RING WITH SPRING MEANS FOR CONNECTING THE SAME
Max Wernli, Schaffhausen, Switzerland, assignor to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, Zurich-Oerlikon, Switzerland
Application May 18, 1945, Serial No. 594,475
In Switzerland April 12, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires April 12, 1964
10 Claims. (Cl. 89—14)



1. In a gun, in combination, a barrel, a breech ring, spring tensioned means carried by said breech ring and releasably connecting said barrel to the breech ring, and hydraulic pressure operated means associated with the first mentioned means and so constructed and arranged to compress the same and release the barrel from the breech ring.

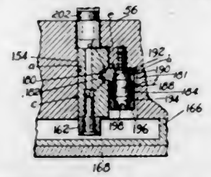
2,450,065
DRILLING MACHINE
Herbert J. Willmott, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application August 4, 1943, Serial No. 497,415. Divided and this application December 21, 1944, Serial No. 569,121
10 Claims. (Cl. 144—93)

1. In a drilling machine, a frame, a member slidable in the frame, a spring interposed between the frame and member, a lever against which the member is urged by the spring, a rotatable cam against which the lever is held by said spring, a sleeve guided in the frame, links joining the sleeve to the lever, a crossbar connecting the links, a drill-mounting movable upon the frame and having a portion engaging the crossbar, and a spring interposed between the sleeve and mounting-



portion and acting to urge said mounting-portion against the crossbar.

2,450,066
GUIDE FOR DRILL CHUCKS
Herbert J. Willmott, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application August 4, 1943, Serial No. 497,415. Divided and this application December 21, 1944, Serial No. 569,122
7 Claims. (Cl. 144—92)



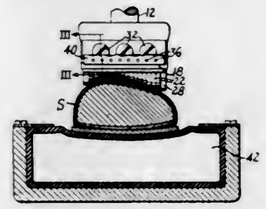
1. In a drilling machine, a mounting in which is a depression having two walls substantially at right angles to each other, a drill-chuck-carrier movable in contact with one of the depression-walls with the axis of the drill parallel to said wall, said carrier having a groove extending transversely of the axis of the drill, a guide member movable along the second depression-wall toward the first-mentioned wall and lying in the groove in the carrier, and means movable in said second depression-wall for forcing the guide member into the carrier-groove against opposite walls thereof.

2,450,067
KNITTING DEVICE
Harry J. D. Wolff, Van Nuys, Calif., assignor to Ernest A. Huntley, Burbank, Calif.
Application March 25, 1946, Serial No. 656,808
5 Claims. (Cl. 66—4)



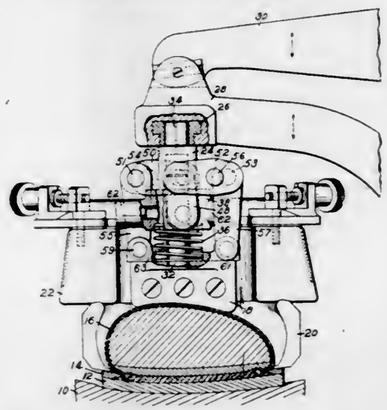
1. A knitting device, comprising: a pair of opposed and spaced finger bars; sets of integral upstanding fingers spaced in staggered relation along the confronting upper margins of said bars, said fingers including upwardly tapering shanks, the upper portions of the shanks of the opposed sets of fingers curving away from each other and terminating in rounded head elements on their remote sides.

2,450,068
TOE REST
Charles K. Woodman, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application April 16, 1947, Serial No. 741,749
8 Claims. (Cl. 12—127)



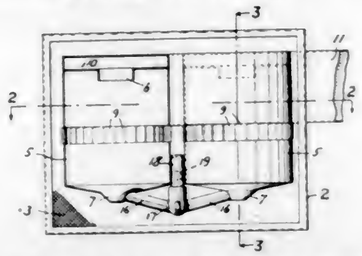
1. In a shoe machine, a rest for engaging the forepart of a shoe upon a last, said rest comprising a casing having a bottom, a plurality of elongate members grouped in the casing in contiguous parallel relation to one another with their outer ends exposed and relatively movable in that relation when the rest and shoe are pressed together to conform to the portion of the surface of the shoe which is engaged by the rest, a mass of steel balls between the inner ends of the elongate members and the bottom of the casing, a cover over the exposed ends of the elongate members, and means other than the cover for retaining said members in the casing.

2,450,069
WELT PRESSING MEANS FOR SOLE ATTACHING MACHINES
Charles K. Woodman, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application June 20, 1947, Serial No. 756,053
4 Claims. (Cl. 12—33)



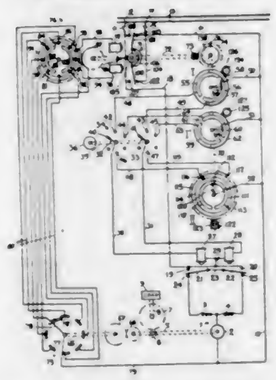
1. In a sole attaching apparatus, a press pad engageable with a shoe sole, a toe pad and a welt presser both confronting the press pad and interconnected for pressure balancing movement relative to the press pad.

2,450,070
MARINE SEA CHEST SAND SEPARATOR
Bruce R. Wright, Lakewood, Ohio, assignor to Centrifix Corporation, Cleveland, Ohio, a corporation of Ohio
Application November 2, 1944, Serial No. 561,619
4 Claims. (Cl. 114—0.5)



1. In a cooling system for marine motors, in combination, a hull, a sea chest within the hull and having communication through the hull for the entry of sea water, a tuyère comprising a body provided with tangential openings mounted within said chest and adapted to receive through said tangential openings water carrying sand whereby a whirling motion will be imparted to water carrying sand within said tuyère to effect separation of sand and water, means for drawing sea water into the sea chest and for the withdrawal of water from the top of said tuyère, a fluid actuated ejector in communication with the bottom of said tuyère for the withdrawal of sand therefrom and means connected with said ejector for the discharge of sand without said chest.

2,450,071
SYNCHRONOUS PRESET REMOTE CONTROL SYSTEM
Michel N. Yardeny, New York, N. Y.
Application November 23, 1944, Serial No. 564,868
5 Claims. (Cl. 318—33)

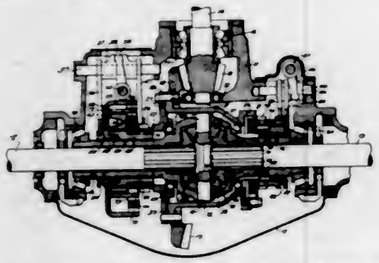


4. A control apparatus comprising a plurality of selectors at a control point; each selector comprising a pair of control elements, one element of each pair being movable, the other being stationary, each pair comprising electrically conducting means having a neutral point and a contact member for engaging the conducting means; a reversible drive means including an electric motor at a remote point for moving a useful load; a second reversible drive means including a pilot motor at the control point for simultaneously moving the movable elements of all the pairs; switch means at the control point to selectively energize one of the selectors; means to electrically control the load motor by the position of the contact member of the selected pair at one or the other side of the neutral point and to stop the load motor in response to the neutral point being occupied by the said contact member; a pair of relatively movable control members at the control point for electrically controlling the pilot motor; and means at the remote point controlled by the load motor and electrically controlling the relative position of the relatively movable control members for effecting corresponding movements of both the motors, thereby placing the load in a position as determined by the selected selector.

2,450,072
PAINT PASTE
Adolfo Cornelio Saavedra Zavaleta, Buenos Aires, Argentina
No Drawing. Application October 30, 1945, Serial No. 625,677. In Argentina November 13, 1944
1 Claim. (Cl. 106—79)

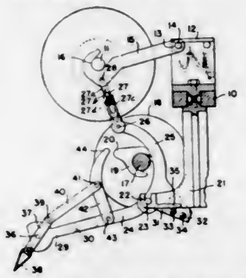
A paint paste composed of a base for water comprising about 200 parts, by weight, of casein, about 5 parts, by weight, of borax, and about 5 parts, by weight, of sodium silicate, and a base for oil comprising about 500 parts, by weight, of cooked linseed oil, 300 parts, by weight, of lithopone, and about 200 parts, by weight, of zinc oxide, both of said bases being combined with an emulsifier comprising about 200 parts, by weight, of castor oil, and about 5 parts, by weight, of sulphuric acid.

2,450,073
MULTIPLE-SPEED AXLE
Frank W. Avila, Fort Wayne, Ind., assignor to International Harvester Company, a corporation of New Jersey
Application August 16, 1943, Serial No. 498,799
3 Claims. (Cl. 74—314)



1. A combined differential and change speed unit having axially aligned axles and axle driving gears mounted thereon and bevelled pinion gears in driving engagement with said axle driving gears comprising a driving member having a lateral extension to one side of said differential, a driven member concentric with said axially aligned axles and carrying said beveled pinion gears, a multispeed gearing adjacent said differential, said multispeed gearing including a laterally shiftable member carrying an internal ring gear and a laterally spaced external dental clutch member, said shiftable member arranged and constructed to rotate concentrically with said driven member, an external ring gear carried on said lateral extension and an internal dental clutch member forming part of said lateral extension said external ring gear and the internal dental clutch positioned intermediate the internal ring gear and the laterally spaced external dental clutch member, and a ring member eccentrically journaled within said laterally shiftable member, said ring member having an external ring gear and an internal ring gear, the external ring gear of the eccentrically journaled member being in cooperative engagement with the internal ring gear of the laterally shiftable member, whereby lateral shifting movement of the shiftable member in one lateral direction will effect an underdrive from the external ring gear carried on the lateral extension out through the internal ring gear on the eccentrically journaled member and from the external ring gear on the eccentrically journaled member to the internal ring gear of the shiftable member, and whereby movement of the shiftable member in the opposite lateral direction will effect a direct drive through the cooperative external and internal dental clutch members.

2,450,074
BOBBIN LIFTER
Robert J. Bartholomew, Philadelphia, Pa., assignor to Fletcher Works Incorporated, Philadelphia, Pa., a corporation of Pennsylvania
Application November 12, 1947, Serial No. 785,477
12 Claims. (Cl. 242—37)



8. In an attachment for a yarn winding machine having a frame and a horizontal shaft with a driving roll for peripheral engagement with a yarn package, the combination of supporting members movably mounted with respect to said frame in which a yarn package is rotatably mounted for engagement with the driving roll, means responsive to the release of the tension of the yarn delivered to the yarn package for moving said supporting members to a position to separate the yarn package from engagement with the driving roll, said means including a lever pivotally mounted with respect to said frame and a link member interposed between said supporting members and said lever, said link member being adjustable in length for controlling the size of the yarn package by the separation of said package from the driving roll.

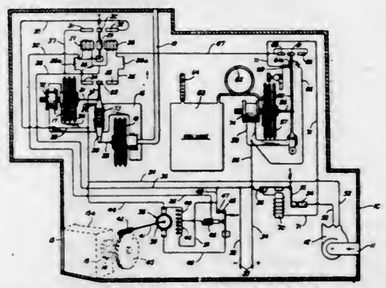
2,450,075
BURR-CUTTING TOOL
Laurence A. Bashara, Portage Township, St. Joseph County, Ind.
Application June 16, 1944, Serial No. 540,613
3 Claims. (Cl. 77—73)

1. In a tool for removing burrs from the mouth of a circular opening in a machined metal part, an elongated body comprising a shank and a cutting head integral with said shank, said cutting head being circularly bent through slightly less than 360° and having at least one cutting edge at its outer periphery adapted to engage substantially diametrically opposed portions of the mouth



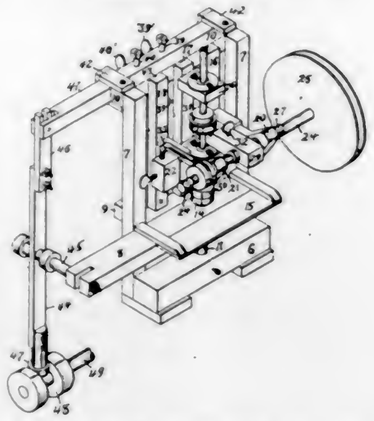
of said opening, said head and shank lying in a common plane and said shank extending substantially radially relative to said head.

2,450,076
CABIN PRESSURE CONTROL
Paul F. Bechberger, Tenafly, N. J., assignor to Bendix Aviation Corporation, Bendix, N. J., a corporation of Delaware
Application November 5, 1940, Serial No. 364,468
5 Claims. (Cl. 98—1.5)



1. An aircraft having a compartment, an energized blower for building up pressure in said compartment, valve means normally communicating the interior of the compartment with the exterior thereof, a pressure sensitive element having one side in communication with the pressure within said compartment and the other side thereof in restricted communication with said compartment pressure, switch means adapted to be actuated by the movement of said pressure sensitive element upon a predetermined rate of change in compartment pressure, and a circuit including said switch means, said blower and said valve means; the movement of said pressure sensitive element in one direction when the cabin pressure falls at a rate higher than a pre-selected value during ascent of the craft actuating said switch to operate said valve means to close the communication between the interior and exterior of said compartment, the movement of said element in an opposite direction when cabin pressure rises at a rate higher than a pre-selected value during rapid descent of the craft actuating said switch to operate said valve means to close the communication between the interior and exterior of said compartment and to de-energize simultaneously said blower.

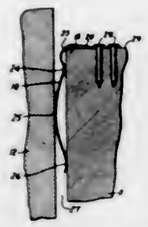
2,450,077
WIRE-DRAWING DIE LAPPING MACHINE
Paul Bieberich, Fort Wayne, Ind.
Application August 1, 1946, Serial No. 687,762
7 Claims. (Cl. 51—50)



1. A wire-drawing die lapping machine consisting of a supporting frame, a series of arms pivoted on said frame for lateral swinging movement, a rotary arbor mounted in bearings on said frame provided with a die mount and a pulley, a spindle mounted in bearings on one of said arms, having axial reciprocating and rotary movement and provided with another pulley, brackets pivotally mounted respectively on the other arms, a cam shaft extending through said brackets having rotary movement therein and provided with a cam secured thereon between said brackets, a rock-shaft extending through said brackets having axial movement therein and provided with a grooved collar, an actuating arm on one of said brackets engaging said collar to activate the rock-shaft axially, a finger loosely mounted on the rock-shaft operatively connected with said spindle to reciprocate same through the medium of said cam, a sliding bar having reciprocating movement in guides on the frame and provided with adjustable dogs that engage in splines in certain of said arms respectively, a mechanism for activating said sliding bar, and motion transmitting means to rotate the cam shaft, the arbor and said spindle.

2,450,078
RESILIENT SASH BEARING
Fred Booth, Jr., Los Angeles, Calif., assignor to Duplex Incorporated, Los Angeles, Calif., a corporation of California
Application September 28, 1945, Serial No. 619,091
2 Claims. (Cl. 292—76)

2. A resilient sash bearing comprising a ribbon spring which when in equilibrium comprises a flat anchor terminal section, an arcuate bend extending outwardly and laterally from one end of the terminal section, a reverse direction bend forming a first bearing point at the free extremity of the said arcuate bend, a loop bowed in the same direction as the arcuate bend and longer than the same and extending laterally and outwardly from the reverse direction bend, the terminal end of the loop forming a second bearing point, the said loop lying in a general plane at an obtuse angle to the anchor terminal section, the said anchor terminal section being adapted to be mounted horizontally on a rail of a sash at a location spaced away from the arcuate bend, and when thus anchored the spring at an intermediate point in the said arcuate bend may contact the corner of the sash but the radius and arc of said bend are such that the spring is sprung vertically away from the rail of the sash and outwardly away from the side of the sash and when not in operating proximity to a sash guide neither of said first or second bearing points is in contact with the sash, and when the mounted spring is in operating proximity to a sash guide the convex surface

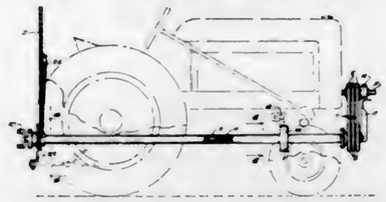


of the loop yieldably presses against the guide and at least one of said bearing points engages the side of the sash, and if pressure between guide and sash is sufficient both said bearing points engage the side of the sash, the radius and arc of said arcuate bend being proportioned and located relative to the said loop so that the convex surface of said bend is adapted to resiliently bear against the sash guide upon increase of pressure between sash and guide sufficient to overcome the resistance of the spring established upon contact of both said bearing points with the sash.

2,450,079
WAXY POLYOL ETHER-ESTERS
Kenneth R. Brown, West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 23, 1943, Serial No. 484,317
4 Claims. (Cl. 260—410.6)

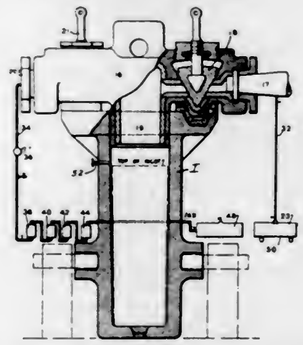
1. A process which comprises: (1) reacting a solution of a saturated polyol and water with an olefin oxide, said polyol containing at least three hydroxyl groups, from three to six carbon atoms per molecule, and only carbon, hydrogen, and oxygen, said water being present in the proportion of from 0.08 to 1.5 mols per mol of hydroxyl radical in said polyol, said olefin oxide being selected from the group consisting of ethylene oxide, propylene oxide, and mixed ethylene and propylene oxides and being employed in a molal quantity of at least 0.4 times the total molal quantity of hydroxyl in the polyol plus water and of at least 1.5 times the molal quantity of water, and said reaction being conducted between about 80° and about 140° C. in the presence of an etherification catalyst; and (2) esterifying the reaction product with an aliphatic, straight chain, saturated, mono-basic acid containing at least 16 carbon atoms, said acid being employed in a molal quantity at least equal to one-half the molal quantity of water plus one-half the molal quantity of hydroxyl in the polyol, and said esterification conducted between about 150° C. and about 280° C. in the presence of an esterification catalyst; and the amount of olefin oxide being employed in an amount small enough that a final product having a titer of at least about 30° C. is obtained.

2,450,080
POWER TAKE-OFF DEVICE
James H. Burrell and Paul E. Richey, Rocky Ford, Colo.
Application September 26, 1947, Serial No. 776,344
4 Claims. (Cl. 74—242.16)



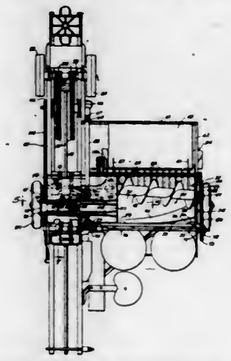
1. The combination with the crank shaft of a tractor, of a power take-off comprising pulleys secured to the crank shaft, a tubular power shaft housing mounted on the tractor, a power shaft mounted within the tubular shaft housing, pulleys on the power shaft, belts operating over the pulleys of the crank shaft, transmitting movement of the crank shaft to the power shaft, a support for the tubular power shaft housing, comprising a circular housing, a bracket to which the circular housing is secured, the bracket being secured to the tractor, a disc eccentrically secured to the power shaft housing, fitted within the circular housing, and means for rotating the tubular power shaft housing and disc within the circular housing, whereby the pulleys of the power shaft are moved towards or away from the pulleys of the crank shaft, loosening or tightening the belts, and regulating the operation of the power shaft.

2,450,081
NOBLE GAS METALLURGY
George R. Burkhardt, Chicago, Ill.
Application April 5, 1945, Serial No. 586,809
4 Claims. (Cl. 148—16.7)



1. In the manufacture of steel, a method for improving the physical properties thereof which comprises subjecting solid steel at a temperature between about 1330° F. and 2550° F., at which austenite is present, to an atmosphere of a noble gas surrounding said steel, said gas being under pressure between about 1,000 and 4,000 pounds per square inch, said steel being surrounded by said atmosphere under said pressure for a substantial period of quiescence during which occluded and dissolved gases in the steel become dispersed into the said noble gas atmosphere, thereafter cooling said steel to ordinary temperatures in said noble gas atmosphere while under said pressure and finally separating said steel from said noble gas atmosphere.

2,450,082
PICKUP BALER
Charles F. Crumb, Clarendon Hills, and Lee H. Kaupke and Russell R. Raney, La Grange, and Lewis E. Smith, Congress Park, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application November 21, 1942, Serial No. 466,460
19 Claims. (Cl. 100—25)



1. In combination, a supporting means, means forming a baling chamber extending in a certain direction and having a feed opening in a vertical side thereof, means mounting the last-mentioned means on the supporting means, a plunger mounted in the baling chamber for reciprocation in the said certain direction, a spiral feed element extending generally transversely of the said certain direction of the baling chamber generally toward and at the level of the feed opening for feeding material to be baled to the said feed opening, and means mounting the end of the spiral feed element away from the baling chamber upon the supporting means so as to leave the end adjacent the baling chamber open and unsupported, and said mounting means including means for floatingly mounting the spiral feed element above said platform whereby the spiral feed element rises and falls with variations in the incoming quantities of material to said platform.

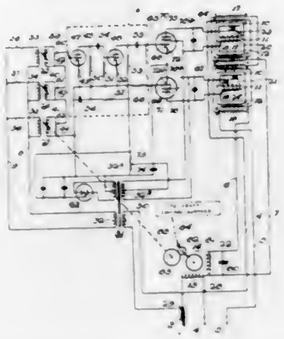
2,450,083
TREATED PAPER LINER FOR ADHESIVE ROLLS
Henry Verner Donaldson, Glencoe, Ill., assignor to The Munising Paper Company, Munising, Mich., a corporation of Ohio
Application February 7, 1944, Serial No. 521,357
2 Claims. (Cl. 154—53.5)



1. As an article of manufacture, adhesive sheet material adapted to be removably secured to a person consisting of a base, a coat of adhesive material on said base, and a paper cover on said adhesive surface containing and impregnated with a synthetic resin bonding the lint fibers on the surface of the paper to the base thereof and incorporating in the base the physical characteristics of imperviousness and flexibility with-

out brittleness whereby the paper cover can be removed from the adhesive surface without adherence of any particles of one material upon the other.

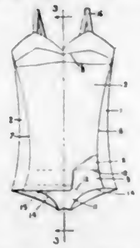
2,450,084
ELECTRIC MOTOR SERVO CONTROL SYSTEM
John F. Emerson, Hasbrouck Heights, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware
Application December 31, 1943, Serial No. 516,445
3 Claims. (Cl. 318—28)



1. The combination with at least two variable inductive devices adapted for developing separate signals of changing phase and amplitude and a reversible motor energized in accordance with the algebraic sum of said signals together with a controlled member driven by said motor, of amplifying means connected to said devices and responsive to said signals as well as to the phase thereof for determining the energization and the direction of rotation of said motor, said means comprising a pair of electronic members, one or the other of which becomes conductive depending upon the phase of said signals, a pair of magnetically permeable core members, each core member being formed with a central leg and a pair of spaced parallel outer legs, A. C. supply windings on the outer legs of both of said core members connected with each other in series aiding relation, A. C. output windings on the outer legs of both of said core members and connected in series opposed relation whereby normally the system is balanced and no current is induced to flow in said output windings in response to A. C. current flow in said supply windings, a saturating winding on the central leg of each of said core members whereby in response to current flow in one or the other of said saturating windings the system is unbalanced to provide an A. C. current at said output windings, means connecting said saturating windings to said electronic members, and means connecting said output windings to said motor.

2,450,085
SWIMMING SUIT
John O. Gantner, Jr., San Francisco, Calif.
Application February 24, 1947, Serial No. 730,407
3 Claims. (Cl. 2—67)

1. A swimming garment having increased visibility in and out of the water and a resulting increased safety factor, comprised of a fabric of fluorescent material extending at least substantially from side to side of the garment and being capable of converting ultra-violet light received

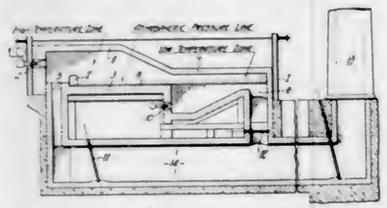


thereby into visible light and giving off the same as added illumination.

2,450,086
PREPARATION OF PHENOLPHTHALEIN β,β'-DIGLUCOSIDE
Ralph A. Hales, West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 23, 1946, Serial No. 685,769
5 Claims. (Cl. 260—210)

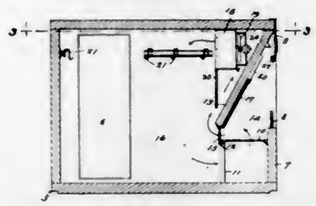
1. In a process for the preparation of phenolphthalein beta, beta'-diglucoside octaacetate by the reaction of phenolphthalein and tetraacetylglucosyl bromide in a solvent, the improvement which comprises performing the reaction in the presence of a catalyst selected from the class consisting of silver oxide and silver carbonate, and another catalyst comprising a substance selected from the group consisting of quinoline, isoquinoline, quinaldine, and lepidine, said other catalyst further including an added substance selected from the group consisting of pyridine, alpha picoline, lutidine, and collidine.

2,450,087
OPEN-FLAME HEATED CONTINUOUS FURNACE
Fred N. Hays, Edgewood, Pa.
Application April 27, 1944, Serial No. 532,996
2 Claims. (Cl. 263—43)



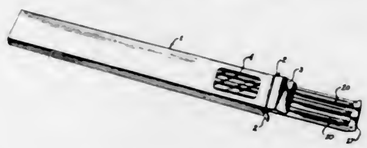
1. In a continuous heating furnace having a horizontal hearth adapted to support work in its travel through the furnace, a roof and walls enclosing said hearth, a work entrance and a work exit in the walls adjacent opposite ends of said hearth, at least one open flame burner adjacent the work exit, at least one flue opening adjacent the work entrance, at least one flue opening adjacent the work exit, and stack connections for said flue openings, the improvement which comprises having the lower limiting position of said flue opening adjacent the work exit at the level of the horizontal hearth, which enables the furnace to be controlled with the atmospheric pressure level at hearth level.

2,450,088
OPEN-FRONT REFRIGERATED DISPLAY CABINET
Elden O. Henderson, Oklahoma City, Okla., assignor to E. O. Henderson & Sons, Oklahoma City, Okla., a partnership
Application April 8, 1947, Serial No. 740,058
4 Claims. (Cl. 62—89.5)



1. A refrigerating apparatus comprising a cabinet, an inwardly and downwardly inclined wall extending from the front edge of the top of the cabinet, dividing the cabinet into a storage compartment and a forward display compartment, a perforated shelf supported within the display compartment and on which articles are supported, the space below the shelf being open to induce circulation, a perforated wall connected with the inwardly and downwardly inclined wall and engaging the shelf at the rear edge thereof, a refrigerating unit mounted within the storage compartment within the space between the upper end of the inclined wall and top of the cabinet, and said refrigerating unit adapted to create a circulation of cool air through the shelf, perforated wall and storage compartment.

2,450,089
THERMOMETER PACKAGE
Valentine Hiergesell and Frank O. V. Hiergesell, Springfield Township, Montgomery County, Pa.
Application October 9, 1947, Serial No. 778,816
1 Claim. (Cl. 206—65)



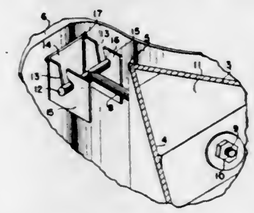
Carton package for thermometers and the like comprising a tubular carton of elongated rectangular cross-section, having a relatively broad front and back and relatively narrow sides and having end closures of the tuck flap type and a window in the front adjacent the upper end of said carton, a filler within said carton comprising a strip corrugated longitudinally, of such width as to snugly fit between the narrow sides of said carton, and a flat strip congruent with the corrugated strip glued to the peaks of the corrugations on one side thereof, said filler being folded along transverse lines at the top and bottom of said carton with its flat side outwardly, defining a panel extending the length of said carton against the back, a panel against the front extending from the lower end of said carton a substantial distance toward said window, and a flap at the upper end substantially congruent with the cross-sectional area of said carton, the peaks of the confronting corrugations of said panels meeting in the longitudinal medial plane intersecting the sides of said carton, said confronting corrugations defining cells of a size to snugly embrace the thermometers, and defining a system of diagonal bracing thrusting against all four of the lateral walls of said carton.

2,450,090
CLAMP FOR ATTACHING ARTICLES TO THE TOPS OF AUTOMOBILES
William H. Hunt, Bridgeport, Conn.
Application February 2, 1946, Serial No. 645,182
5 Claims. (Cl. 24—243)



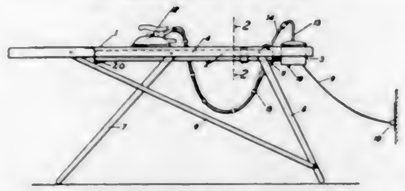
1. A clamp for attachment to a gutter trough of an automobile, comprising a rigid plate with tension-supporting attachment means at one end thereof, a hook-shaped flange hinged to the opposite end of the plate to project entirely beyond the end of the plate and shaped to engage the under-surface of a gutter trough, and a resilient tongue connected to and extending diagonally outward from the plate intermediate its ends, and bowed inward toward the plate, said tongue extending past the hinge and into said hook-shaped flange when the hinge is substantially straight and the hook-shaped flange is disposed beyond the end of the plate so as to clamp the gutter trough between the end of the tongue and the flange when the plate extends upward from the edge of the gutter trough.

2,450,091
CORNER HOLDING DEVICE
Floyd J. Kendall, Springfield, Ohio, assignor to The Springfield Metallic Casket Co., Inc., Springfield, Ohio, a corporation of Ohio
Application February 13, 1946, Serial No. 647,354
6 Claims. (Cl. 27—2)



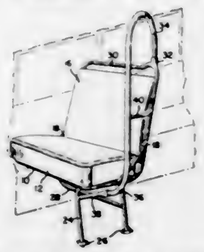
1. In a corner escutcheon plate for a casket or like member, means for attaching said escutcheon plate to the corner of a member, said means comprising a U-shaped clip secured to the inside of the plate and having slots therein inclined with the open ends toward said plate, a T-shaped bolt having its crosshead in said slots and its shaft adapted to extend through said corner, and a channel shaped clip having a hole to receive said bolt and adapted to engage the inside of the corner of the member, the said means thus providing for a concealed support for said plate.

2,450,092
IRONING BOARD HAVING STEAM GENERATING MEANS
Ludwig Reichold, Winsted, Conn., assignor to The Silex Company, Hartford, Conn., a corporation of Connecticut
Application August 16, 1944, Serial No. 549,688
5 Claims. (Cl. 38—104)



1. In an ironing board having means for supplying steam for use with a steam iron, a reservoir of substantial area and of shallow depth mounted on and extending over a major portion of the underside of said ironing board, and a steam generator for supplying steam to said iron and connected to the reservoir; the bottom of said steam generator being lower than the bottom of the reservoir to permit drainage of liquid from the reservoir to the generator.

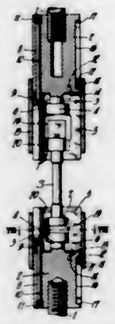
2,450,093
COACH OR BUS SEAT
Harry C. Richardson, Troy, Ohio, assignor to The Troy Sunshade Company, Troy, Ohio, a corporation of Ohio
Application December 23, 1946, Serial No. 717,919
7 Claims. (Cl. 155—1)



2. In a vehicle seat having a frame with a lower portion for supporting a seat cushion and an upper portion for supporting a back cushion, said upper portion having a grab rail; a stanchion for standee passengers comprising a cylindrical member having one end rigidly connected with said grab rail at the aisle side thereof and extending upwardly therefrom, said stanchion then being bent forwardly and having the other end extending vertically downwardly between the front and back edges of the seat cushion; and supporting means for said other end of said stanchion rigidly connecting said last mentioned end to the lower portion of said frame.

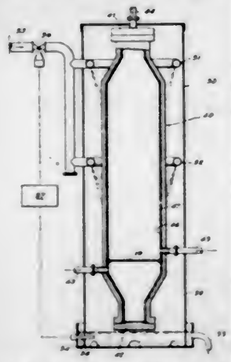
2,450,094
GRIP
Robert I. Sanderson, Gary, Ind., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application February 23, 1945, Serial No. 579,455
5 Claims. (Cl. 73—103)

5. A grip including the combination of a neck, an outwardly extending horizontal flange on said neck, a member for supporting said neck, a sleeve encircling said neck and said flange, an inwardly extending horizontal flange on said sleeve engaging said outwardly extending flange, said sleeve comprising a plurality of laterally separable sleeve parts, pivot means mounted in said member substantially parallel to the axis of the sleeve for supporting said sleeve parts for pivoted movement in a plane normal to the sleeve axis, means forming parts of the sleeve and member for restraining swinging of said sleeve parts in sleeve-opening directions beyond limits causing complete



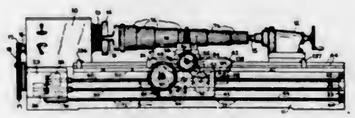
disengagement of said flanges, means on said sleeve beyond said flanges for gripping an object when said sleeve parts are closed, a sleeve longitudinally slidable on the first named sleeve when said sleeve parts are closed and which restrains said sleeve parts in closed position while on said first sleeve, a surface on said member beyond this second named sleeve and longitudinally registering therewith when said sleeve parts are closed and slidably receiving said second named sleeve when it is retracted from said first named sleeve, and means for holding said second named sleeve in retracted position on said surface.

2,450,095
CORROSION PREVENTION
James E. Seebold, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application March 27, 1945, Serial No. 585,122
6 Claims. (Cl. 260—683.5)



1. A method for inhibiting corrosion of an inner surface of a metal reactor within which is reacted hydrocarbons and halogen-containing materials at a reaction temperature sufficient to cause isomerization of the hydrocarbons comprising lining the inner surfaces to be protected with a non-metallic material and spraying the corresponding outer surface of the reactor with water to maintain said inner surface at a temperature substantially below the reaction temperature whereby the corrosion is substantially inhibited.

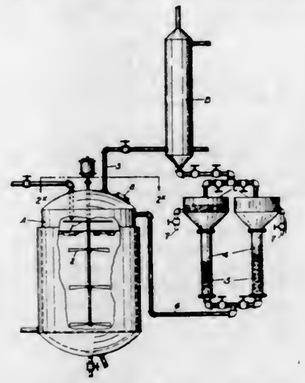
2,450,096
AUTOMATIC STEP TURNING LATHE
Harold J. Siekmann, Cincinnati, and William A. Kimsey, Mariemont, Ohio, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application January 27, 1947, Serial No. 724,558
8 Claims. (Cl. 82—14)



1. In a step turning lathe having a headstock, a work spindle in said headstock including means for supporting and rotating a work piece in said lathe, a feed drive transmission actuated by said headstock, a pair of magnetic clutches driven from said feed transmission, a cariage feed rod journaled longitudinally of the bed of said lathe connectable or disconnectable to be driven from said feed transmission by one of said magnetic clutches, a cross slide feed rod journaled longitudinally of the front of said bed of said lathe adapted to be connected or disconected through the other of said magnetic clutches to said feed transmission, reversing mechanisms in said apron operably connected to be driven from said feed rods for any position of relative movement of the apron and carriage of said lathe on said bed, means for connecting power from one of said reversing mechanisms associated with the carriage feed screw to actuate the rack pinion in the apron of said lathe to effect longitudinal feeding movements of the carriage along the bed, and further gear transmission means connecting said other reverser mechanism associated with the cross slide feed rod to the cross feed screw of said lathe for effecting transverse movements of the cross slide, and electrical control mechanism operated by the relative movement of the carriage and cross slide for energizing and de-energizing said magnetic clutches in a predetermined sequential order to effect a step turning operation of a cutting tool on the cross slide of said lathe on a work piece mounted on the work spindle.

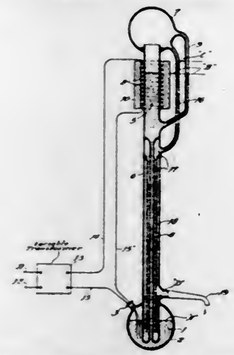
2,450,097
PROCESSING FRUIT JUICES
Gray Singleton, Lakeland, Fla.
Application October 4, 1945, Serial No. 620,373
10 Claims. (Cl. 99—155)

1. The process of treating fruit juices containing peel oil and acid constitutents consisting in raising the temperature of the juice to the boiling point in a closed container under a vacuum sufficient to vaporize the peel oil and acid constituents, passing said vapors through a condenser, filtering the condensate to remove said acids



and reintroducing the filtered condensate into said container.

2,450,098
MERCURY VACUUM STILL
Marvin A. Smith, Western Springs, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application March 24, 1945, Serial No. 584,698
7 Claims. (Cl. 202—205)



1. A vacuum still for mercury comprising a bottom reservoir for impure mercury, concentric tubes for barometric mercury columns, an inner tube of said concentric tubes for a barometric column of impure mercury extending into the lower part of said reservoir, a vaporizing zone provided by flaring the upper end of said inner tube into the outer of said concentric tubes, a heat providing means adjacent to and exterior of said vaporizing zone, a vapor condensing chamber positioned above and connecting with said vaporizing zone, a collecting well in said vapor condensing chamber, an outlet conduit from said well connecting with a discharge barometric column of distilled mercury, an intermediate concentric tube positioned between the inner and the outer of said concentric tubes forming thereby an annular space around said inner tube for said discharge mercury column, a pocket formed by connecting said inner and said outer concentric tubes at their lower ends within said reservoir, said intermediate concentric tube projecting into said pocket such that said annular discharge column feeds

around the bottom submerged end of said intermediate tube, and a drawoff spout from the side of said outer tube at a point above said submerged end of said intermediate concentric tube.

2,450,099

PROCESS FOR THE CONDENSATION OF AN ARYLALKANE IN THE PRESENCE OF LEAD ALKYL

Ralph B. Thompson, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application November 23, 1945, Serial No. 630,558
8 Claims. (Cl. 260—668)

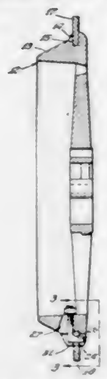
1. A process for producing a polyarylalkane which comprises contacting an arylalkane having a hydrogen atom attached to a carbon atom adjacent to the aromatic ring with a lead alkyl, in which all valences of the lead atom are satisfied by alkyl groups, at a temperature of from about 0° C. to about 300° C. for a time sufficient to decompose said lead alkyl and to form a condensation product from at least two molecular portions of said arylalkane, and thereafter separating from the reaction mixture the solid decomposition products of said lead alkyl.

2,450,100

WHEEL CONSTRUCTION

Wayne G. Toland, Canton, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application September 21, 1946, Serial No. 698,524
7 Claims. (Cl. 301—87)



1. In a wheel, a rim having radial openings and a circumferential groove transversely spaced from the openings, a removable annular member comprising at least two segments adapted to fit within said groove, said annular member having transverse openings positionable adjacent the openings in the rim, and a latch member pivotally seated in each rim opening and having an angled portion adapted to be received in the adjacent opening in the annular member.

2,450,101

MATERIAL FOR USE IN THE MANUFACTURE OF EAR DEFENDERS AND THE LIKE

Paul S. Veneklasen and Norman A. Watson, Los Angeles, Calif., assignors to the United States of America

No Drawing. Application June 26, 1942, Serial No. 448,587
2 Claims. (Cl. 260—23.7)

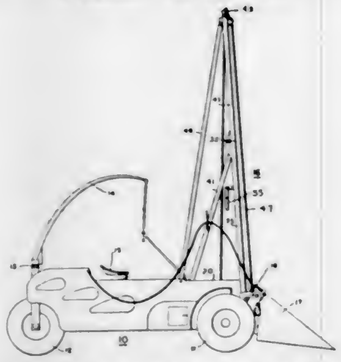
1. A composition of the class described comprising the following materials in the following proportions by weight: 100 parts polychloroprene, 4 parts magnesia, 1.5 parts stearic acid, 0.5 part diorthotolylguanidine salt of dicatechol borate, 12 parts titanium dioxide, 3 parts paraffin, 20 parts lanolin, and 1 part zinc oxide.

2,450,102

MATERIAL LIFTING AND TRANSPORTING VEHICLE

Harold A. Wagner and Gustave H. Wagner, Portland, Oreg.

Application August 18, 1945, Serial No. 611,298
3 Claims. (Cl. 214—120)



1. In an apparatus of the class described, the combination comprising a vehicle body, metal plates defining a pair of relatively high vertical side walls for said body, a metal plate defining a relatively high forward wall for said body and welded along its opposite side edges to said side walls for spacing them rigidly apart, an elevator tower structure on the forward end of said body, said tower structure including a lower section rigidly secured to said body and an upper section hingedly mounted on the upper end of said lower section for rearward folding movement, load lifting means mounted on said tower structure for vertical longitudinal movement thereupon, said tower sections each including a pair of spaced apart parallel angle iron members defining tracks for said load lifting means, the forward flanges of said angle iron members extending in a common plane, the other flanges of said members extending rearwardly from said plane with respect to said body, said rearwardly extending flanges of said members of said lower section being rigidly welded to the outer surfaces of said side walls adjacent the foremost end of said body throughout the full height of said side walls, a pair of braces extending between rearward portions of said side walls and the uppermost end of said upper tower section for holding said angle iron members thereof in an aligned relation with respect to said members of said lower section, said braces being adjustable to permit rearward folding of said upper section.

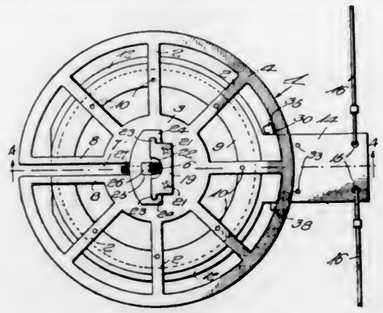
2,450,103

SUCKER ROD BACKOFF WHEEL

Frank Austin, Long Beach, Calif.

Application September 13, 1945, Serial No. 616,116
2 Claims. (Cl. 255—35)

2. A tool for backing off sucker rods comprising a wheel having a hub and a rim and spokes extending between the hub and the rim, there being an opening at the center of the hub and a slot leading from the outer edge of the rim to the opening in the hub, a collar carried by said wheel concentric thereto and formed with a slot registering with the slot of the wheel, a ring fitting about said collar for rotatably mounting the collar and the wheel, said ring being formed with a slot for registering with the slots of the collar and the wheel and allowing sucker rods to be passed inwardly through the slots and into the opening in the hub and dispose the wheel about a sucker rod concentric thereto, a stationary jaw carried by said hub and formed with a recess registering with the opening in the hub for receiving a portion of a sucker rod, flanges extending from opposite ends of said stationary jaw, a block fitting against the recessed side of said stationary jaw and formed with hooked end portions engaging about the flanges of the stationary jaw and with a recess registering with the recess of the stationary jaw, a key extending vertically through the recess of the block and having a toothed side face for gripping a sucker rod, a set screw threaded through an opening in said block with its inner end abutting said key for forcing the key into gripping engagement with the sucker rod, and means allowing rotation of the wheel in a direction for backing off sucker rods and releasably holding the ring against uncontrolled retrograde rotation.

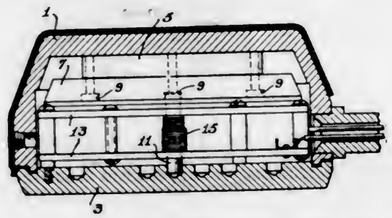


2,450,104

ELECTROACOUSTICAL TRANSDUCER

Loy E. Barton, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application November 30, 1942, Serial No. 467,458
1 Claim. (Cl. 177—386)



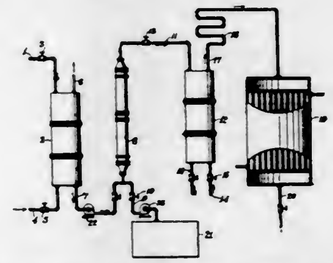
In an electro-acoustical transducer, the combination of a casing, a vibratory diaphragm of magnetic material carried by said casing at one end thereof, a single magnet element comprising a plate mounted within said casing in spaced substantially parallel relation to said diaphragm at the opposite end of the casing, a plate of magnetic material interposed between said magnet element and said diaphragm and being spaced from said diaphragm in opposed relation thereto, said magnet plate being of the order of the size of the plate of magnetic material, and a plurality of magnetostrictive elements secured to said diaphragm at spaced points thereon, said plate being provided with a plurality of recesses therein corresponding in number to the number of said elements, and said elements extending from said diaphragm into said recesses a distance short of the depth thereof, there being also a slight clearance between said elements and the surfaces of said plate defining said recesses.

2,450,105

PROCESS FOR OBTAINING NITROGEN TETROXIDE

George Washington Batchelder, Mantua, and Albert W. Hawkins, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application February 13, 1943, Serial No. 475,724
11 Claims. (Cl. 23—159)



8. The method for obtaining nitrogen tetroxide in relatively pure form which comprises bringing nitrogen oxides into contact with sulfuric acid of between approximately 70 and 95% strength, introducing the resulting mixture into a preheater, passing nitric acid of between approximately 30 and 60% strength into said preheater, introducing the mixture thereby formed into a denitrating tower passing steam countercurrent to the aforesaid mixture and in direct heat exchange therewith, condensing and refluxing the evolved nitric acid and water vapors into said tower causing said nitric acid to react with and oxidize the NO present to nitrogen tetroxide while simultaneously becoming reduced itself to nitrogen tetroxide, subsequently condensing the evolved nitrogen tetroxide and liquefying and separating the same.

2,450,106

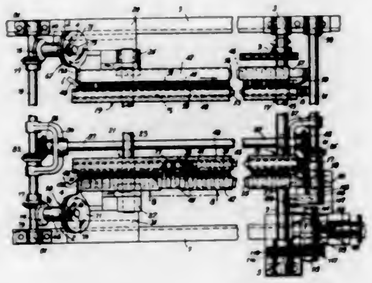
PIVOTED LUG CONVEYER

Farwell G. Bemis, Brookline, Mass., and Robert E. Pierce, Seattle, Wash., assignors to Bemis Bro. Bag Company, St. Louis, Mo., a corporation of Missouri

Application June 8, 1946, Serial No. 675,460
12 Claims. (Cl. 198—170)

3. A conveyor comprising an endless chain, means for driving the chain with substantially constant speed along upper and lower reaches, laterally swingable lugs mounted in succession on said chain, means providing a slot along the upper reach of the chain into which any of said lugs may be turned, cyclic trip means at the inlet end of said slot adapted to turn lugs therein, means in the outlet end of the slot for returning said lugs to their initial positions relative to the

chain, means including a change gear for varying the period of the cyclic action of said trip means, an adjustable variable-speed drive for the trip means, means whereby adjustments of said variable-speed drive effect accommodation of various change gears, whereby a substantially

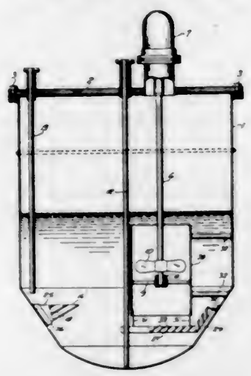


constant tripping action of the trip means is maintained irrespective of the timing of the cycle thereof, said trip means being arranged so as to have a component of motion along the direction of lug motions where they enter the slot, said component of motions and said lug motions being substantially equal under all adjustments.

2,450,107
MIXING VESSEL AND DEFLECTOR THEREFOR

Fred D. Bostwick, Thiensville, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York

Application May 21, 1945, Serial No. 594,965
4 Claims. (Cl. 259—97)



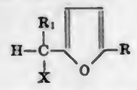
1. In a vessel for mixing and agitating materials, means to stir the contents of the vessel, and a deflector disposed in the flow stream of the materials and comprising a frame formed of four outer members joined together and a pair of cross pieces extending diagonally from opposite corners of said frame and intersecting centrally of the frame, a plurality of louvers spaced apart and extending between said cross pieces to divide the deflector into four triangular segments, and means secured to the louvers of each segment to locate the louvers at various predetermined angles of deflection.

2,450,108
PRODUCTION OF HETEROCYCLIC COMPOUNDS

John George Mackay Bremner and David Gwyn Jones, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application November 15, 1945, Serial No. 628,997. In Great Britain December 11, 1944
15 Claims. (Cl. 260—345)

1. A process for the production of a compound having the general formula



which comprises reacting a compound having the general formula

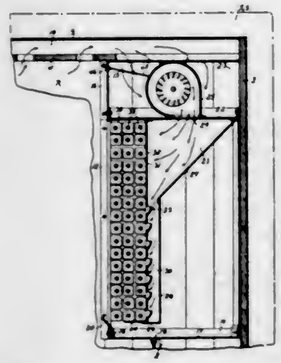


in the presence of a dehydrating agent selected from the group consisting of zinc chloride, phosphoric acid, concentrated hydrochloric acid and aluminum chloride, with a hydrogen halide and an aldehyde having the general formula R_1CHO, where in said formulae R is a carboxyl ester group, X is a halogen, and R_1 is a substituent taken from the group consisting of hydrogen and alkyl.

2,450,109
WALK-IN REFRIGERATOR COOLED BY A FORCED AIR CIRCUIT

Clinton C. Brinkoeter, San Antonio, Tex., assignor to Ed Friedrich, Inc., San Antonio, Tex., a corporation of Texas

Application August 28, 1946, Serial No. 693,523
7 Claims. (Cl. 62—102)

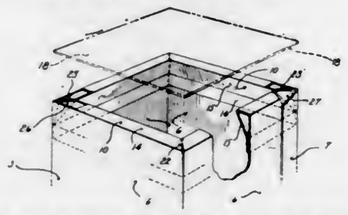


1. In a walk-in cooler having a room bounded by a top wall, side and end walls and a floor, and having a perforated ceiling spaced from said top wall to provide an air duct, the improvement which comprises: an air-cooling and circulating unit located in one corner of the room adjacent said ceiling and above said floor, said unit including a blower and motor chamber in communication with said air duct and a cooling chamber below said blower and motor chamber, a motor-driven blower in said blower and motor chamber, the blower receiving air from said blower and motor chamber and forcing it down into said cooling chamber, and means in said cooling chamber for cooling the air passing through said cooling chamber and passing the air into said room.

2,450,110
CONSUMER TYPE CONTAINER

Lewis C. Brooks, Milwaukee, Wis., assignor of one-third to Ira Milton Jones, River Hills, Wis.

Application October 2, 1947, Serial No. 777,404
3 Claims. (Cl. 229—37)



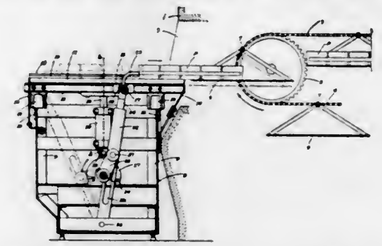
2. In a container having an upright substantially flat-sided body made by folding a single blank of flexible sheet material on appropriate score lines: a hollow end closure supporting rim extending entirely around one end of the body and projecting in from the sides thereof, said rim comprising three articulated strips integral with the side walls of the body and defined therefrom by score lines extending across the entire blank from which the body is formed transversely to the score lines defining the side walls from each other, the outermost of said strips on the rim being adhered flatwise onto the inner surfaces of the side walls a distance inwardly of said end of the body, the innermost of the strips being bent inwardly over said end of the body to provide a relatively flat ledge on the ends of the side walls substantially perpendicular thereto and flush with said end of the body, said innermost strip having substantially triangular cutouts adjacent to the body corners separating the strip into ledge sections, one for each side wall of the body, said cutouts facilitating folding of the rim around the corners of the body and producing mitered joints between the adjacent ends of the ledge sections at the corners of the body, and the intermediate one of said strips being unbroken for its entire length and connecting diagonally between the outermost of the strips and the overhanging edges of the ledge sections to reinforce the same; and upright pleat-like portions on said diagonal intermediate strip, separated from the ledge by the cutouts therein, and folded flatwise together to project inwardly into the hollow rim at the corners of the body, the edges of the pleat-like portions defined by one side of said cutouts engaging the undersides of the ledge sections so that said pleat-like portions close the rim at the interior of the body.

2,450,111
OVEN FEEDING MACHINE

Robert L. Brosemer, Sacramento, Calif.

Application December 11, 1946, Serial No. 715,383
12 Claims. (Cl. 107—57)

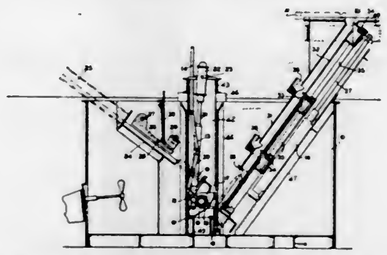
1. Oven feed mechanism comprising an upstanding frame, a baking pan unit supporting table on the frame, and power driven feed mechanism mounted on the frame arranged to engage a supported pan unit and advance the latter from the table in a predetermined direction; the table being longitudinally slotted, and said mechanism including an upstanding, telescopic swing arm pivotally mounted for swinging motion in a longitudinal vertical plane, power means operative to reciprocate the swing arm, a pusher element, means mounting the pusher element for guided cyclic movement through a path comprising a raised advancing stroke and a lowered retracting stroke, the pusher element projecting through the slotted table for pan unit engagement on the advancing stroke and being disposed under the table on the retracting stroke, and means operatively connecting the pusher element and swing arm so that reciprocation of the latter recurringly advances and retracts the pusher element.



2,450,112
QUENCHING AND CONVEYING APPARATUS

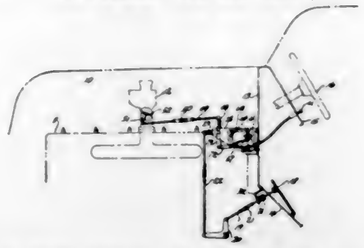
Robert E. Buckholdt, Salem, Ohio, assignor to The Salem Engineering Company, Salem, Ohio, a proprietorship

Application February 13, 1943, Serial No. 475,780
2 Claims. (Cl. 134—133)



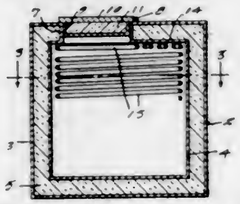
1. Apparatus of the character described comprising in combination a downwardly inclined trough, a rotatable transfer device arranged to receive objects from said trough, means comprising a brake shoe to decelerate said objects before they reach said device, an upwardly inclined trough extending from a position adjacent said device, said device including means to impinge a stream of liquid onto said objects and being operative to position said objects on said upwardly inclined trough, a removable frame mounting said device, a cylinder on said frame for rotating said device, an elongated slide positioned below said last mentioned trough and mounted for reciprocating movement parallel with said last mentioned trough, means comprising a fluid pressure cylinder positioned below said slide to reciprocate the same, a plurality of spaced retractable dogs carried by said slide and operative during upward movement of the same to advance said objects along said last mentioned trough, and a plurality of retractable latches fixed with respect to said last mentioned trough and adapted to retain said objects in advanced positions whereby said objects may be advanced therealong in step by step progression.

2,450,113
SPEED CONTROL DEVICE FOR MOTOR VEHICLES
Paul J. Burchett, Glendale, Calif.
Application May 9, 1945, Serial No. 592,903
11 Claims. (Cl. 180—82.1)



4. A speed control device for a motor vehicle having a foot-operated accelerator and a throttle valve in the carburetor thereof for varying the fuel supplied to the motor of said vehicle comprising a shaft; means for rotatably mounting the shaft on said vehicle; means made operative by actuation of said accelerator for rotating the shaft when said accelerator is actuated; means movably mounted on said vehicle and activated by gravity and momentum; means interconnecting said last-named means and said shaft whereby the latter is rotated in accordance with changes in the position and momentum of said vehicle; means for operating the valve upon rotation of said shaft; and means for rendering said interconnecting means inoperative to rotate said shaft during operation of said first-named shaft-rotating means.

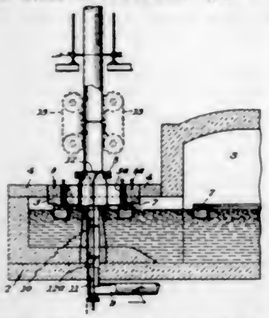
2,450,114
REFRIGERATING APPARATUS FOR COLD STORAGE CABINETS
Milton Burney, Austin, Tex.
Application July 27, 1945, Serial No. 607,325
2 Claims. (Cl. 62—89)



1 A cold storage cabinet comprising top, bottom and side walls, an aperture in a portion of the top wall, a closure for closing the aperture, cooling coils lining the unapertured portion of the top wall and upper half of the side walls for conducting a refrigerant from a refrigerating space of higher to one of lower temperature, the bottom portion of the chamber of the cabinet providing an unoccupied space for items to be refrigerated.

2,450,115
DIE DRAWING OF HOLLOW GLASS BLANKS
Clarence P. Byrnes, Fort Lauderdale, Fla.
Application August 20, 1943, Serial No. 499,433
6 Claims. (Cl. 49—17.1)

1. In apparatus for forming hollow glass blanks, a receptacle for a molten glass bath, means for drawing hollow glass upwardly from a glass bath therein, a relatively stationary shaping and sizing die having an interior surface corresponding to the desired external shape of the hollow glass blanks and through which the hollow glass is drawn, said die being arranged to deflect the plastic walls of the hollow glass inwardly as

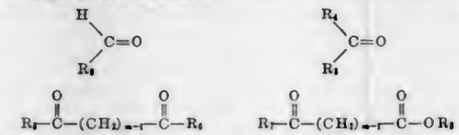


it is drawn upwardly, an internal stopper supported at a level at least as high as that of the external die and arranged to coact with the inner surface of the shaped and sized hollow glass to hold distention air pressure therein below the stopper level, and means for continuously supplying distention air at a level below the stopper.

2,450,116
PREPARATION OF BETA-LACTONES
John R. Caldwell, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 23, 1947, Serial No. 763,149
19 Claims. (Cl. 260—344)

1. A process for preparing β-lactones which comprises reacting at temperature of from —40° C. to 50° C. a ketene having the formula:

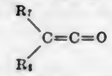
wherein R and R_1 each represents a member selected from the group consisting of a hydrogen atom, a methyl group, an ethyl group and a phenyl (C_6H_5—) group, with a carbonyl compound selected from the group represented by the four general formulas:



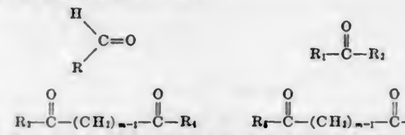
wherein R_2 represents a member selected from the group consisting of a hydrogen atom, an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4, a benzyl group, a β-phenylethyl group, and a phenyl group (C_6H_5—), R_3 and R_4 each represents a member selected from the group consisting of an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4, a benzyl group, a β-phenylethyl group and a phenyl (C_6H_5—) group, R_5, R_6, R_7 and R_8 each represents an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4 and m represents a positive integer from 1 to 3 in the presence of a catalyst selected from the group consisting of zinc, copper, calcium, cadmium, magnesium, cobalt, nickel, stannous tin, and ferric perchlorates.

2,450,117
PREPARATION OF β-LACTONES
John R. Caldwell, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 23, 1947, Serial No. 763,150
20 Claims. (Cl. 260—344)

1. A process for preparing a beta-lactone which comprises reacting at a temperature of from —40° C. to 50° C. a ketene having the formula:



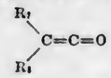
wherein R_7 and R_8 each represents a member selected from the group consisting of a hydrogen atom, a methyl group, an ethyl group and a phenyl (C_6H_5—) group, with a carbonyl compound selected from the group represented by the four general formulas:



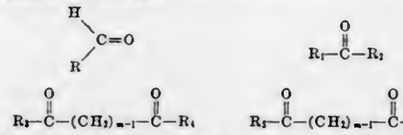
wherein R represents a member selected from the group consisting of a hydrogen atom; an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4; a benzyl group; a beta-phenylethyl group; and a phenyl (C_6H_5—) group, R_1 and R_2 each represents a member selected from the group consisting of alkyl groups having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4; a benzyl group; a beta-phenylethyl group; and a phenyl (C_6H_5—) group, R_3, R_4, R_5, and R_6 each represents an alkyl group having the formula C_nH_{2n+1}, wherein n is a positive integer from 1 to 4, and m represents a positive integer from 1 to 3, in the presence of zinc thiocyanate.

2,450,118
PREPARATION OF β-LACTONES
John R. Caldwell, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 23, 1947, Serial No. 763,151
19 Claims. (Cl. 260—344)

1. A process for preparing a beta-lactone which comprises reacting at a temperature of from —40° C. to 50° C. a ketene having the formula:



where R_7 and R_8 each represents a member selected from the group consisting of a hydrogen atom, a methyl group, an ethyl group and a phenyl (C_6H_5—) group, with a carbonyl compound selected from the group represented by the four general formulas:

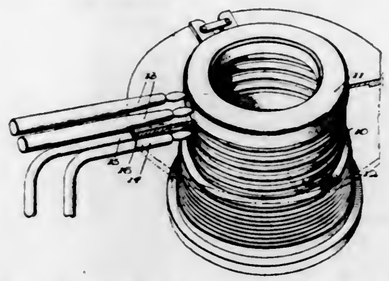


wherein R represents a member selected from the group consisting of a hydrogen atom; an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4; a benzyl group; a beta-phenylethyl group; and a phenyl (C_6H_5—) group, R_1 and R_2 each represents a member selected from the group consisting of alkyl groups having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4; a benzyl group; a beta-phenylethyl group; and a phenyl (C_6H_5—) group, R_3, R_4, R_5, and R_6 each represents an alkyl group having the formula C_nH_{2n+1}, wherein n is a positive integer from 1 to 4, and m represents a positive integer from 1 to 3, in the presence of zinc nitrate.

2,450,119
ISOMERIZATION OF PINENE TO CAMPHENE
William F. Carson, Jr., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 21, 1943, Serial No. 495,644
5 Claims. (Cl. 260—675.5)

1. The process of isomerizing a pinene to camphene which comprises heating a pinene at a temperature between about 85° C. and about 200° C. for about ten minutes to about eight hours in the presence of pyrophyllite, the ratio of pyrophyllite to said pinene being between about 0.01 and about 0.10.

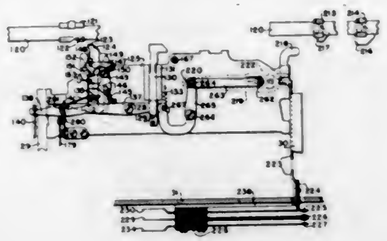
2,450,120
METHOD AND APPARATUS FOR BONDING THIN SECTIONS TO HEAVIER MEMBERS
Paul E. Cate, Knoxville, Tenn., assignor to Robertshaw-Fulton Controls Company, a corporation of Delaware
Application September 27, 1944, Serial No. 556,010
8 Claims. (Cl. 113—59)



3. In a method of soldering, brazing or welding a metal of relatively thin section to a metal of relatively thick section, applying a heating flame to the metal of relatively thick section while confining the flame against spreading to the metal of relatively thin section and subjecting the metal of thin section in immediate adjacency to the area heated by said heating flame to a fluid having a temperature on the order of low pressure steam by applying thereto jets of air and steam to retain the thin metal at a temperature below that at which said thin metal is annealed.

5. In an apparatus for soldering, brazing or welding a bellows of relatively thin metal to a member of relatively thick metal, the combination of a torch for impinging a heating flame directly on the relatively thick member, a baffle adjacent said torch and on the side thereof toward the bellows to prevent spreading of the torch flame, and at least one nozzle adjacent said baffle but on the opposite side thereof from said torch for applying a jet of fluid whose temperature is on the order of the temperature of low pressure steam to the bellows metal.

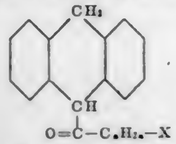
2,450,121
ACCOUNTING MACHINE
Raymond A. Christian, Jesse R. Ganger, and William L. Paden, Dayton, Ohio, assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application February 22, 1945, Serial No. 579,270
5 Claims. (Cl. 235—3)



1. In a machine of the class described, having a balance totalizer capable of balance and/or sub-balance operations, and recording means positioned thereby to record balances and sub-balances, said machine also having a laterally shiftable traveling carriage for supporting record material, said carriage positionable in various columnar positions to present corresponding columnar portions of said record material to the recording means, the combination of means to initiate a balance operation; means used in conjunction with the balance initiating means to initiate a sub-balance operation; a separate solenoid to operate each of the initiating means; a selectively operable switch to connect the solenoids to a source of electrical energy; means to urge the carriage in a tabulating direction; means normally effective to restrain the carriage against tabulating movement; stops on the carriage located in relation to the various columnar positions thereof; means coacting with the stops to locate the carriage in its various columnar positions, said means normally out of coacting relationship with said stops; means to release the restraining means and to simultaneously move the locating means into coacting relationship with the stops to cause the carriage to tabulate from one columnar position to another; a member located on the carriage in relation to the balance columnar position thereof; a member located on the carriage in relation to the sub-balance columnar position thereof; an element coacting with the members; a part coacting with the switch; means forming a variable connection between the element and the part to move said element from a normally ineffective position into coacting relationship with the members and vice versa; and means operated by the releasing means, upon its movement to release the restraining means, to vary the connecting means to move the element into coacting relationship with the members, so that movement of the carriage to balance columnar position will cause the corresponding member to actuate the selectively operable switch in such a manner as to energize the balance solenoid, to initiate an automatic balance operation in which the balance is recorded in the balance column of the record material, or alternately, so that movement of the carriage to sub-balance columnar position will cause the corresponding member to actuate the selectively operable switch in such a manner as to energize both the solenoids to initiate an automatic sub-balance operation, in which the sub-balance is recorded in the sub-balance column of the record material.

2,450,122
AMINOALKYL-9,10-DIHYDROANTHRYL KETONES
John W. Cusic, Skokie, Ill., assignor to G. D. Searle & Co., Skokie, Ill., a corporation of Illinois
No Drawing. Application July 12, 1946, Serial No. 683,145
6 Claims. (Cl. 260—293)

1. New compositions of matter useful as therapeutic agents consisting of aminoalkyl 9,10-dihydroanthryl ketones of the formula



and salts thereof with acids, in which n stands for an integer between 1 and 5, and in which X is chosen from the class consisting of monoalkylamino, dialkylamino, N-piperidino and N-morpholino groups.

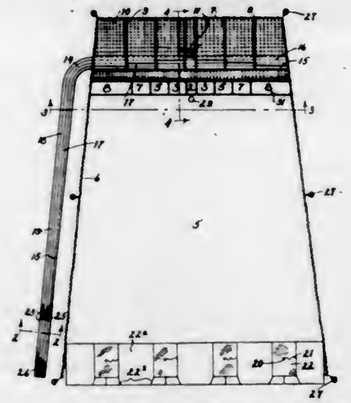
2,450,123
WHEAT GERM PREPARATION
Max P. Cryns, Kansas City, Mo., assignor, by mesne assignments, to Ira Milton Jones, Milwaukee, Wis.
No Drawing. Application April 19, 1939, Serial No. 268,730
6 Claims. (Cl. 99—153)

3. A stabilized wheat germ preparation containing a small proportion of milk-solids-not-fat and a large proportion of wheat germ on their solids weight basis, said wheat germ and milk-solids-not-fat having been heated during processing and while in a dispersed aqueous condition to a temperature of at least 200° F. whereby the preparation is substantially stabilized against oxidative deterioration.

2,450,124
POLYHYDRIC ALCOHOL ESTERS
Melvin De Groote, University City, and Arthur F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del., a corporation of Delaware
No Drawing. Original application July 13, 1945, Serial No. 604,993. Divided and this application November 5, 1946, Serial No. 707,978
8 Claims. (Cl. 260—405)

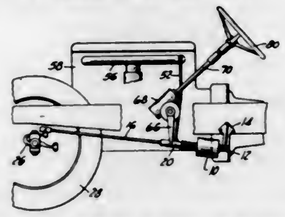
1. An acidic partial ester containing: (*a*) at least one polyhydric alcohol radical; (*b*) at least one diglycollic acid radical; and (*c*) a plurality of acyloxy radicals, each having 8 to 32 carbon atoms derived from any detergent-forming monocarboxy acid having 8 to 32 carbons atoms, with the proviso that at least one of said acyloxy radicals is the acyloxy radical of an hydroxylated detergent-forming monocarboxy acid having 8 to 32 carbon atoms, each of said polyhydric alcohol radicals being ester-linked with a plurality of groups, each of said groups contains at least one of said acyloxy radicals, the number of said groups ester-linked to each polyhydric alcohol radical being at least equal in number in each instance to the valency of the polyhydric alcohol radical, so that each polyhydric alcohol radical is completely esterified and being additional to the number of such groups ester-linked to any other polyhydric alcohol radical contained in the ester, and at least one of said groups containing a free diglycollic acid radical.

2,450,125
GAME APPARATUS
H. Calvin Dunfee, Miami, Fla.
Application February 20, 1946, Serial No. 648,954
6 Claims. (Cl. 273—35)



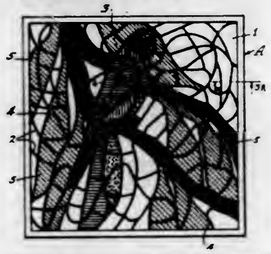
2. A game apparatus of the character described comprising a playing field, a rear wall net the lower portion of which is forwardly curved toward the horizontal, a multiple channel trough extending transversely across the net structure, a plurality of fore and aft short nets forming a plurality of forwardly facing net pockets across the rear of the net structure one of which is centrally disposed, there being at least three of said pockets in addition to the central one upon each side of the central pocket and the forwardly curved portion of the rear wall net constituting a bottom for all of said pockets, means for connecting the two pockets upon the opposite sides of the central one to one of the channels of the trough, means for connecting the next outermost pockets upon each side of the central one with another channel of the trough, means for connecting the two outermost pockets with a third channel of the trough and means for connecting the central pocket with a fourth channel of the trough, an overhead support for the fore and aft short nets, said short nets being connected at their bottoms to the forwardly curved portions of the rear wall net and constituting a support for the same.

2,450,126
FLUID POWER STEERING MECHANISM
Delbert P. Fisher, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 30, 1945, Serial No. 591,111
1 Claim. (Cl. 180—79.2)



A power steering mechanism for a motor vehicle including a pitman arm, a drag link, force transmitting means interconnecting said pitman arm and drag link including a hollow fitting fixedly secured to said link, said fitting including a port adapted to receive a power fluid transmitting conduit, a plurality of force transmitting members housed within said fitting, said members including a two-part fitting, one of said parts having fluid transmitting ducts therein, one of said ducts registering with the aforementioned port in the hollow fitting, and further including a spring interposed between one end of the two-part fitting and one end of the hollow fitting and another spring interposed between the other end of the two-part fitting and the other end of the hollow fitting, a double-acting pressure differential operated motor including a cylinder member and a piston, a hollow connecting rod interconnecting said piston with the aforementioned hollow fitting, valve means, including two relatively movable parts, for controlling the operation of said motor, said valve means being housed within said cylinder member, a hollow rod housed within said connecting rod and connected at one of its ends to one of the valve parts and at its other end to one part of said two-part fitting to provide a fluid connection between the hollow rod and the other of said ducts, the parts of the aforementioned mechanism being so constructed and arranged and so operative that a movement of the pitman arm results in a compression of one or the other of the aforementioned springs to effect an operation of the valve if the resistance to movement of the drag link is of such a magnitude as to make possible said operation of said spring.

2,450,127
ART DEVICE
Harry J. Gardener, Los Angeles, and Walter Alford Blome, South Pasadena, Calif.
Application May 10, 1944, Serial No. 534,958
3 Claims. (Cl. 35—28)

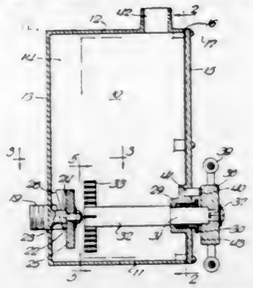


1. An art device comprising a supporting member having a flat surface with a plurality of intersecting raised ribs defining zones of different shapes, a visible picture provided on the flat surface, and colored pieces having shapes similar to the zones and being receivable therein for covering the visible picture and for forming a new picture.

2,450,128
MIXING VALVE
Gordon R. Gemmell, Portland, Oreg.
Application June 7, 1946, Serial No. 675,066
1 Claim. (Cl. 236—12)

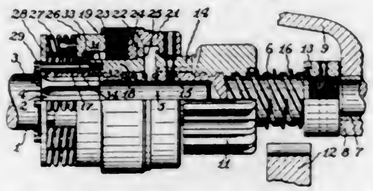
In a device of the class described the combination of a compartment having a pair of inlet openings extending through one side thereof, said opening having the outlet ends thereof inclined with relation to the axes of the openings, a rocker plate having inclined faces formed thereon adapted to form closures for the respective openings when said plate is rocked to either extreme position, a rock shaft journaling in said container having a hand wheel thereon for rotating same, said hand wheel having a detent for

yieldably holding same in a pre-determined position and a thermostatic element connected to said rock shaft and to said rocker plate whereby a change of temperature in said compartment



will produce a corresponding movement in said rocker plate and a lowering temperature in said compartment will open the hot water inlet and close the cold water inlet.

2,450,129
ENGINE STARTER GEARING
Vernon E. Gleasman, Elmira, N. Y., assignor to Bendix Aviation Corporation, Elmira Heights, N. Y., a corporation of Delaware
Application July 1, 1946, Serial No. 680,535
3 Claims. (Cl. 74—7)



1. In an engine starter drive, a power shaft, a screw shaft, a pinion having a threaded connection with the screw shaft, a driving member non-rotatably mounted on the power shaft having an axially extending cam projection, a driven member slidably journalled on the power shaft having a cooperating axial cam, a plurality of driving clutch discs splined on the driven cam member, the driven cam member having a flange providing an abutment for the discs, a barrel member non-rotatably connected to the screw shaft, a plurality of driven clutch discs splined in the barrel, a thrust ring pressing the clutch discs toward said abutment, a plurality of compression springs bearing on the thrust ring, a backing plate for the springs, and means for drawing the backing plate toward the driven cam member, said driving cam member having a flange engaging the thrust ring to relieve the pressure of the thrust ring on the clutch discs when the cam members are wedged apart by the transmission of torque therethrough.

2,450,130
ELECTRICAL DEVICE HAVING GLASS-TO-METAL SEAL
Ronald Gordon, San Carlos, and Harold Miller, San Bruno, Calif., assignors to Eitel-McCullough, Inc., San Bruno, Calif., a corporation of California
Application September 24, 1945, Serial No. 618,350
3 Claims. (Cl. 250—27.5)

1. An electrical device comprising an evacuated envelope including a section of glass sealed along an edge to a metallic member, said member forming part of the envelope wall and having its major surface portion exposed and with only a narrow portion underlying the glass at the seal, said member being composed mainly of a material having an expansion characteristic similar to that of said glass, a band-like sealing layer



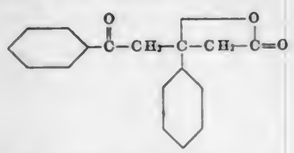
of metallic oxide stable in a reducing atmosphere on only that narrow portion of the member which underlies the glass, and a surface layer on said exposed portion of a low resistance metal whose oxide is reducible in said atmosphere, said last mentioned layer extending under said sealing layer.

2,450,131
PROCESS FOR PREPARING β-LACTONES
Hugh J. Hagemeyer, Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application December 17, 1946, Serial No. 716,873
13 Claims. (Cl. 260—344)

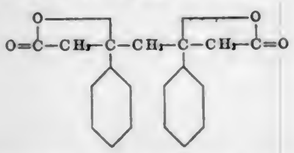
5. A process for preparing β-propionolactone comprising reacting ketene ($CH_2=C=O$) with formaldehyde, in the presence of from about 0.1 to about 3% of the weight of the material in the reaction mixture of triethyl orthophosphate, at a temperature below 50° C.

2,450,132
PREPARATION OF β-LACTONES
Hugh J. Hagemeyer, Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 12, 1947, Serial No. 760,699
22 Claims. (Cl. 260—344)

22. A process for preparing a mixture of monolactone having the formula:



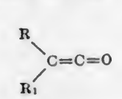
and a dilactone having the formula:



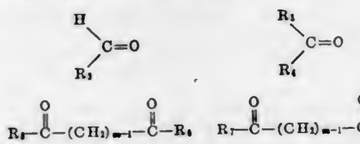
which comprises passing gaseous ketene into a vigorously stirred solution of dibenzoyl methane having dissolved therein from 0.1% to 0.5% by weight, based on the dibenzoyl methane, of boron trifluoride etherate, continuing the passage of the ketene into the solution until substantially all the dibenzoyl methane has reacted while maintaining the temperature at from −70° C. to +50° C., thereafter neutralizing the catalyst with a solution of a weak alkali, and separating the lactone mixture from the residue.

2,450,133
PROCESS FOR PREPARING LACTONES
Hugh J. Hagemeyer, Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application July 12, 1947, Serial No. 760,700
16 Claims. (Cl. 260—344)

1. A process for preparing β-lactones comprising reacting at a temperature of below 50° C. and not less than −50° C., a ketene selected from the ketenes represented by the following general formula:



wherein R and R_1 each represents a member selected from the group consisting of a hydrogen atom, a methyl group, an ethyl group and a phenyl (C_6H_5—) group, with a carbonyl compound selected from the group represented by the four general formulas:



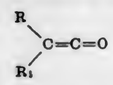
wherein R_2 represents a member selected from the group consisting of a hydrogen atom; an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4; a benzyl group; a β-phenylethyl group; and a phenyl group, R_3 and R_4 each represents a member selected from the group consisting of alkyl groups having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4; a benzyl group; a β-phenylethyl group; and a phenyl group, R_5, R_6, R_7 and R_8 each represents an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4, and m is a positive integer from 1 to 3, in the presence of at least one catalyst selected from the group of metal fluoroborates represented by the following general formula:

$$X(BF_4)_2$$

wherein X represents a divalent metal cation selected from the group consisting of cadmium, copper, iron, nickel, lead, stannous tin and zinc.

2,450,134
PREPARATION OF β-LACTONES
Hugh J. Hagemeyer, Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application September 10, 1947, Serial No. 773,293
17 Claims. (Cl. 260—344)

1. A process for making beta-lactones which comprises reacting at a temperature of from −50° C. to +50° C. a ketene having the formula:



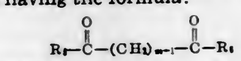
wherein R and R_1 each represents a member selected from the group consisting of a hydrogen atom, a methyl group, an ethyl group and a phenyl (C_6H_5—) group with a carbonyl-containing compound selected from the group consisting of aldehydes having the formula:



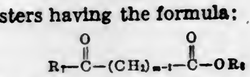
wherein R_2 represents a member selected from the group consisting of a hydrogen atom, an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4, a benzyl group, a beta-phenyl ethyl group, and a phenyl (C_6H_5—) group, ketones having the formula:



wherein R_3 and R_4 each represents a member selected from the group consisting of alkyl groups having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4, a benzyl group, a beta-phenyl ethyl group and a phenyl (C_6H_5—) group, diketones having the formula:



and ketoesters having the formula:

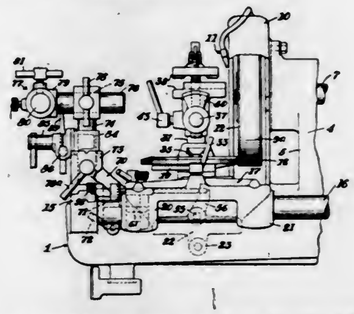


wherein R_5, R_6, R_7 and R_8 each represents an alkyl group having the formula C_nH_{2n+1} wherein n is a positive integer from 1 to 4, and m represents a positive integer from 1 to 3, in the presence of from 0.1–3% by weight, based on the total weight of the reaction mixture of a catalyst having the formula:

$$Hg(X)_2$$

wherein X represents a member selected from the group consisting of a chlorine atom and a bromine atom.

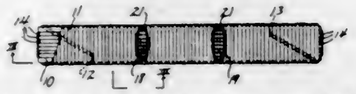
2,450,135
WORK SUPPORT ARRANGEMENT FOR GRINDING AND DRESSING MACHINES
Emil F. Hager, Queens Village, N. Y.
Application November 14, 1945, Serial No. 628,433
17 Claims. (Cl. 51—124)



1. In a work shaping apparatus having a spindle and a work shaping wheel carried thereby, a member rockable about an axis parallel to said spindle, said member having a portion coaxially disposed with respect to said axis, a post, a coupling element provided with a first sleeve receivable on said portion, means for securing said first sleeve in desired position thereon, a second sleeve disposed at right angles to said first sleeve to receive said post, and means to secure said post in desired position in said second sleeve, said post

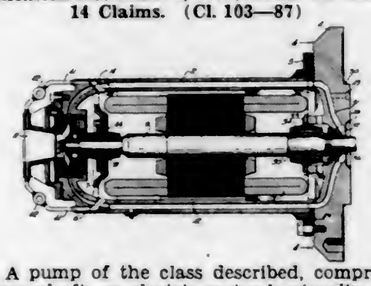
having a transverse opening therein, a work supporting means including a rod receivable through said opening and means for adjustably securing said rod to said post, whereby rocking movement of said member moves said work supporting means back and forth relative to the working surfaces of said wheel.

2,450,136
WRIST WATCH BAND
Robert L. Hamilton, Birmingham, Ala.
Application June 19, 1946, Serial No. 677,828
5 Claims. (Cl. 224—4)



5. An article of the character described comprising a spring metal band adapted to clasp the wrist, a wrapping for the band formed from a relatively flat continuous fillet of plastic material extending transversely about the band and having the ends thereof tucked under the wrapping at the ends of the band, a plurality of longitudinally extending fillets of plastic material enclosed by the wrapping and lying side by side flat against the band with the ends thereof extending over the ends of the band and turned back under the transverse wrapping, and loops in the longitudinal fillets extending through the wrapping for securing a watch thereto, said longitudinally extending fillets being formed from slowly stretchable material.

2,450,137
MULTISTAGE CENTRIFUGAL PUMP
Anatol J. Harlamoff, South Gate, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York
Application December 1, 1944, Serial No. 566,044
14 Claims. (Cl. 103—87)



1. A pump of the class described, comprising a pump shaft, an electric motor having its rotor mounted on the pump shaft, a plurality of stages of impellers mounted on said shaft, a casing for said pump enclosing the motor and impellers and having an axial inlet opening at one end for fluid to be pumped, and a series of volutes each enclosing at least one impeller stage, said motor being disposed between different stages of impellers.

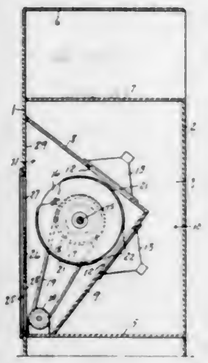
2,450,138
TAMPON APPLICATOR
Kenneth John Harwood, Neenah, Wis., assignor to International Cellucotton Products Company, a corporation of Delaware
Application October 5, 1945, Serial No. 620,478
2 Claims. (Cl. 128—263)

1. A tampon applicator comprising an elongated applicator tube of rounded cross-section adapted to have a tampon positioned within a portion of its length, and an elongated ejector tube also of rounded cross-section frictionally slidably fitting in said applicator tube and being movable lengthwise therein for ejecting such tampon, said ejector tube being split lengthwise from end to



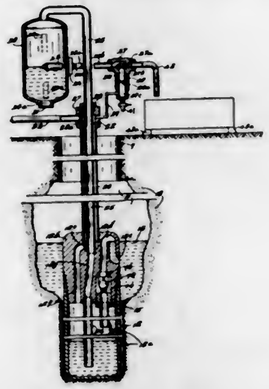
end and having a flange extending inwardly of the tube from one of its edges at said split, said flange serving to provide a tampon engaging portion which is engageable with an end area of a tampon, which area is spaced from the periphery of the tampon on both sides of the flange.

2,450,139
TONE CABINET FOR ELECTRIC ORGANS
Baron Hartsough, San Francisco, Calif.
Application September 20, 1943, Serial No. 503,065
5 Claims. (Cl. 181—27)



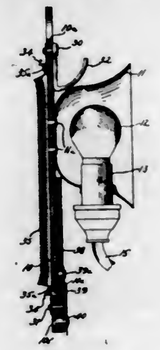
1. A tone cabinet for an electric organ having a plurality of lateral side walls, a top wall and a bottom wall; one of said lateral side walls being formed with an opening therein; a pair of baffle boards extending convergently from points adjacent the upper and lower edges of said opening to meeting engagement at a point spaced from the lateral side of said cabinet that is opposite said opening; a pair of openings in said boards adjacent their engaging ends and a pair of cone-type loud speakers carried by said boards on their divergently facing sides coaxial with said openings respectively and disposed one above the other; a rotor tremulant revolvably supported within said cabinet between said opening and the said speakers and equally spaced from the latter; means for so supporting said tremulant for revolving about a horizontal axis; said speakers being directed toward said tremulant and arranged so that their axes will intersect each other at a point substantially on the axis of said tremulant, said tremulant being provided with baffles arranged for alternately deflecting the sound waves generated by said speakers upon revolving the said tremulant, and means for so revolving said tremulant.

2,450,140
OIL WELL BLOWING APPARATUS
John Blackstock Hawley, Jr., Minneapolis, Minn., assignor to Northern Ordnance Incorporated, Minneapolis, Minn., a corporation of Minnesota
Application October 23, 1944, Serial No. 559,970
11 Claims. (Cl. 103—234)



1. An apparatus for blowing an oil well having in combination, a member adjacent the oil supply having a chamber therein and an inlet opening for the entry of oil from said supply into said chamber, means for closing said opening by pressure in said chamber, a discharge conduit for oil extending into said chamber, a pipe through which air under pressure can be periodically supplied to said chamber for actuating said means, a vessel into which said oil is delivered from said discharge conduit and means for varying the effective capacity of said vessel to receive oil and thus to control the amount of oil which can be delivered to said vessel and thus the oil discharged from said chamber.

2,450,141
PORTABLE HAND LIGHT
John W. Hobbs, Springfield, Ill., assignor to John W. Hobbs Corporation, Springfield, Ill., a corporation of Illinois
Application August 19, 1947, Serial No. 769,463
3 Claims. (Cl. 240—8.18)



1. A portable electric lamp comprising an elongated base plate, a reflector secured to a medial portion of said base plate, means for supporting a light bulb within said reflector, a pair of pins transversely secured to said plate and respectively disposed on opposite sides of said reflector, a pair of hooks respectively secured to said pins on one face of said plate, an extensible strap secured between said hooks, a hanger pivotally secured to one of said pins on the other face of said plate, and a support stick pivotally secured to said other pin on said other face of the plate.

2,450,142
SLIP TUBE GAUGE FOR LIQUEFIED PETROLEUM GAS TANKS
John R. Holicer, Shreveport, La.
Application September 2, 1943, Serial No. 501,022
1 Claim. (Cl. 73—298)

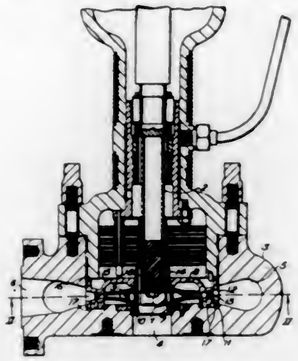


In a gage for liquefied petroleum gas tanks, a mounting adapted to carry a slidable tube; a tube movable through the mounting; a removable valve constructed to normally close the tube at its top and arranged to be partially opened to allow communication between the tube and an observation discharge port in the valve housing, the valve being constructed to be further opened to allow communication between the tube and the atmosphere through an opening as large as the diameter of the tube; a housing for the valve provided with a projection from its outer wall; a receptacle for the valve housing carried by the tube mounting and provided with means for engaging the projection when the housing is partially rotated in the receptacle, such engagement being reversible and arranged to hold the gage tube in its lowest normal position when the gage is not being operated to determine the contents of the tank; and a plug carried in the lower end of the tube and provided with a restricted orifice to afford constant communication between the tube and the tank and constructed to limit the volume of fluid discharged through the tube when the tube is fully opened at its upper end.

2,450,143
CENTRIFUGAL PUMP PROVIDED WITH DIFFUSER
Giles Philip Eliot Howard and Alexander Ivanoff, Luton, England
Application August 2, 1946, Serial No. 687,824
In Great Britain July 11, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires July 11, 1965
6 Claims. (Cl. 103—103)

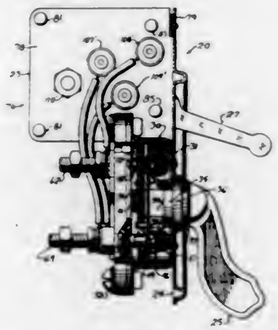
1. In a centrifugal pump comprising a fixed pump casing and a pump impeller rotatably

mounted within said casing, said impeller having a central axially open liquid intake and having means for ejecting the liquid radially outwardly therefrom, a stationary diffuser surrounding said pump impeller within said pump casing and



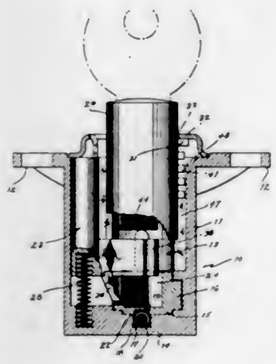
adapted to receive the ejected liquid, said diffuser being free to adjust itself relative to said pump casing and being biased against a fixed surface associated with said pump casing to hold the diffuser in position.

2,450,144
ELECTRICAL CONTROL INSTRUMENT
Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application March 11, 1943, Serial No. 478,763
9 Claims. (Cl. 200—6)



1. In a switch of the character described: a plurality of stationary contacts; cooperating movable contacts engageable with said stationary contacts; a carrier for the movable contacts for moving the same into and out of engagement with said stationary contacts; means mounting the movable contacts on the carrier for motion relative thereto toward and from the stationary contacts; resilient electrical conducting means at the side of the carrier remote from the stationary contacts for electrically connecting the movable contacts; and means for yieldingly pressing the movable contacts into engagement with the stationary contacts including a torsion spring supported by the carrier alongside said electrical conducting means and having its ends arranged to bear against the electrical conducting means adjacent to its connection with an adjacent pair of movable contacts, and cooperating abutments on the electrical conducting means and the movable contacts through which the torsional force of the spring reacts to yieldingly urge the movable contacts toward the stationary contacts.

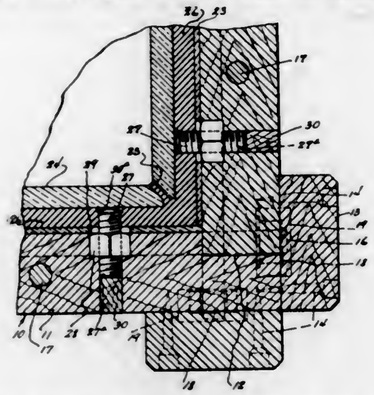
2,450,145
LATCH DEVICE
Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application October 7, 1946, Serial No. 701,679
12 Claims. (Cl. 292—166)



1. A latch device of the character described comprising: a body having a bore and a transverse slot communicating with the inner end of the bore; a sliding bolt in said slot spring urged to project therefrom for engagement with a keeper; a lever mounted in the body to rock about an axis parallel to the bore and to move bodily along said axis; a connection between the lever and the bolt whereby rocking movement of the lever in one direction retracts the bolt; an actuator slidable in the bore; a spring yieldingly urging the lever bodily toward and into engagement with the inner end of the actuator whereby said lever is bodily movable along its pivotal axis by depression of the actuator; and cam means reacting between the body and the lever for translating such bodily movement of the lever into rocking movement thereof in the direction to retract the bolt.

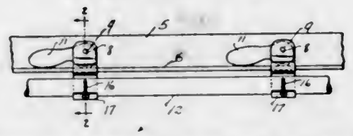
2,450,146
GLASS-LINED CONTAINER FOR CORROSIVE SUBSTANCES
Percy E. Knudsen, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Original application October 19, 1943, Serial No. 506,792. Divided and this application September 6, 1944, Serial No. 552,844
2 Claims. (Cl. 220—15)

2. A container structure comprising an outer reinforcing shell and a lining of glass plates disposed in the shell in spaced relation with respect to the shell, the space between the shell and the lining being filled with mastic, spacing screws threaded through nuts countersunk in the inner face of the shell and being operable from the exterior thereof and having points engaging the faces of the lining plates to hold them in predeter-



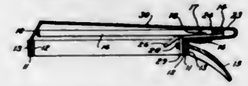
mined position with respect to the walls of the shell.

2,450,147
CABLE CLAMP
Richard T. Lawry, Richmond, Calif.
Application November 20, 1944, Serial No. 564,346
1 Claim. (Cl. 248—68)



A clamp for suspending cables from an angle iron or the like, comprising a V-shaped upper portion and an integrally formed U-shaped cable retaining portion positioned below said upper portion, the base of said U-shaped portion having an elongated flat configuration throughout the greater portion of its length and capable of supporting thereon a plurality of cables of varying diameters, an upwardly bent end provided on the base, a retaining element detachably secured to said bent end to retain the cables in a nested position and preventing accidental displacement of the cables from the base, a vertical extension formed on said upper portion, and a lever pivoted to the vertical extension and having a cam portion provided with a sharpened edge, said lever capable of being moved from a vertical position to a horizontal position to bring the cam portion thereof into locking engagement with the angle iron.

2,450,148
FOLDING UNIFORM CAP STAYER
Irving Libshutz and Harry Libshutz, Baltimore, Md.
Application February 27, 1947, Serial No. 731,358
3 Claims. (Cl. 2—185)

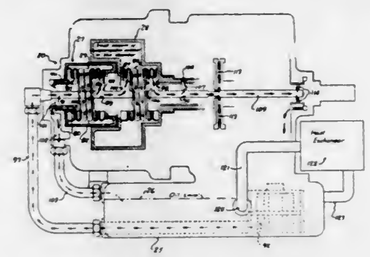


1. A cap comprising in combination, a frame formed to fit the head of a user, a cover section attached to said frame, a plate at the front of the frame for holding said cover and having a tongue for operating the plate so the cap will be selectively in open and collapsed positions, and means for holding the plate hingedly to said frame to facilitate the operation of said plate.

2,450,149
BLOCK GREASE COMPOSITIONS
Paul R. McCarthy, Allison Park, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
No Drawing. Application October 4, 1945, Serial No. 620,399
5 Claims. (Cl. 252—42.1)

3. An improved block grease possessing anti-charring and anti-glazing properties and having a low consumption factor comprising an intimate anhydrous mixture of about 50 per cent to about 80 per cent of a mineral oil of about 100 S. U. S. at 100° F. to about 500 S. U. S. at 100° F. and about 50 per cent to about 20 per cent of soap base, the said base comprising approximately equal quantities of a soap of a hydrogenated rosin of at least about 40 per cent saturation and a fatty acid soap, and a diarylamine in an amount sufficient to substantially inhibit oxidational deterioration.

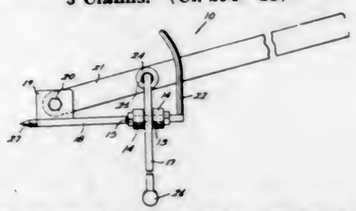
2,450,150
PISTON FOR ROTARY ENGINES
Robert P. McCulloch, John L. Ryde, and Austin Gudmundsen, Milwaukee, Wis.; said Ryde and said Gudmundsen assignors to said McCulloch
Application June 14, 1945, Serial No. 599,488
7 Claims. (Cl. 121—49)



1. A piston member for rotary engines characterized by the fact that the piston member is of hollow construction being closed at its hub portion by a relatively thin circumferential wall formed of helical convolutions extending axially of the hub.

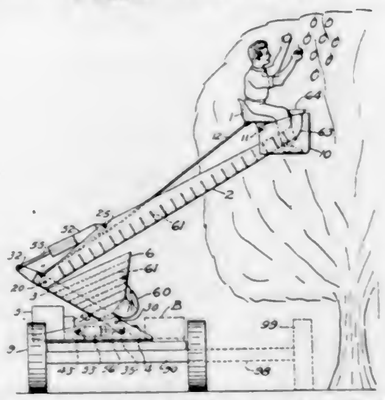
7. Means for cooling a hollow rotatable member having surfaces remote from its axis of rotation subject to intensive heating, comprising: circumferentially disposed means lying radially between said remote surfaces and the axis of rotation of said member providing a passageway through which a cooling medium is adapted to be circulated, one wall of said passageway being exposed on the hollow interior of said member; and a vaporizable coolant inside the hollow member adapted to be condensed and projected radially outwardly by said wall of the passageway as the result of centrifugal force during rotation of said member to impinge said heated remote surfaces and adapted to be vaporized by contact with said heated surfaces and recondensed upon recontacting said wall of the passageway with vaporization and condensing occuring continuously in an endless cycle.

2,450,151
MECHANICAL GRIPPING TOOL
David H. McNaughton, Sr., Saskatoon, Saskatchewan, Canada, assignor of twenty-five per cent to Paul B. Mitchell, Saskatoon, Saskatchewan, Canada
Application April 10, 1947, Serial No. 740,621
3 Claims. (Cl. 294—15)



1. A device of the character described, comprising a fulcrum body, gripping arms pivotally mounted on the ends of said body, a pivot supporting member secured to said body in crossed right angular relation thereto, a pivot carried by said member, an applying bar carried by said pivot, seats arranged on the opposite sides of said bar receiving the upper ends of said arms for movement of said arms upon upward and downward movement of said bar and a U-shaped guide mounted on said pivot supporting member straddling said bar to guide said bar in upward and downward movement.

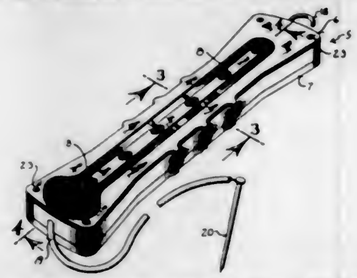
2,450,152
FRUIT PICKER'S CRANE
Howard B. Miller, Seattle, Wash.
Application January 5, 1946, Serial No. 639,254
9 Claims. (Cl. 214—83.1)



1. A fruit picker's crane, comprising a mobile platform, a picker's perch, and means supporting said perch from and elevated above said platform for adjustment vertically, to and fro in traverse, and projectably away from and towards said platform, for ready access to a tree.

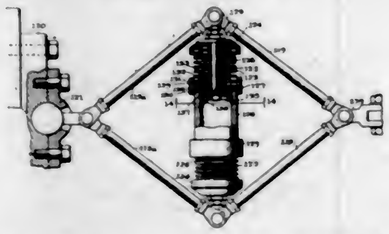
2,450,153
VOLTAGE INDICATOR FOR ELECTRIC FENCES
Sidney A. Moore, Milwaukee, Wis., assignor to The Prime Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 9, 1944, Serial No. 557,924
1 Claim. (Cl. 175—183)

In a device for indicating the effectiveness of the charge on an electric fence, the combination of: a front panel having a row of window openings therein; a back panel having a row of holes therein spaced to correspond with the spacing of the window openings in the front panel; a plurality of glow lamps one for each window opening, said lamps being larger than the window openings and the holes in the back panel; means for securing the panels together in spaced parallel relationship with the glow lamps held in place therebetween by a part of each lamp projecting into and bearing against the edges of a window opening in the front panel and another part of each lamp projecting into and bearing against the edges of the adjacent hole in the back panel; a plurality of resistors; conductors connecting the glow lamps and resistors in circuit with a different value of resistance across each lamp and with



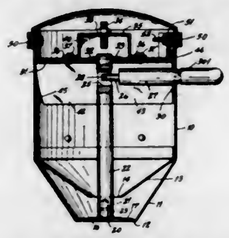
said difference resistance values arranged in series circuit and in order of magnitude from one end to the other of the bank of glow lamps, said resistors being on one side of the back panel and the terminals of the lamps being on the other side of the back panel, said conductors having portions thereof passing through holes in the back panel adjacent to the lamp receiving holes therein and holding the lamps and the resistors to the back panel so that the back panel, lamps and resistors comprise a sub-assembly capable of being mounted in place as a unit; a conductor leading from one end of the bank of glow lamps for connection to ground; and another conductor leading from the other end of the bank of glow lamps adapted to be connected to an electric fence.

2,450,154
SHOCK ABSORBER
Walter J. Osterhoudt, Houston, Tex.
Original application November 17, 1942, Serial No. 465,892, now Patent No. 2,377,442, dated June 5, 1945. Divided and this application March 28, 1945, Serial No. 585,272
7 Claims. (Cl. 267—1)



1. A tension shock absorber adapted to be interposed between a substantially fixed support and a source of tension such as a line, cable or the like, comprising two pairs of toggle links having their remote ends pivotally interconnected, means for connecting the fulcrum of one pair of links to the source of tension, a swivel for operatively connecting the other fulcrum to the support, and means interposed between the interconnected ends of the toggle links to resist lateral collapse of the toggles under tension, said means comprising a floating cylinder, a pair of pistons therein, each having an orifice therein, piston rods associated with the pistons, each operatively connected to the adjacent interconnected ends of the toggle links, coil compression springs between the ends of the cylinder and the adjacent interconnected ends of the toggle, and a body of fluid in the cylinder.

2,450,155
SOAP POWDER DISPENSER
George H. Packwood, Jr., St. Louis, Mo.
Application June 26, 1942, Serial No. 448,585
12 Claims. (Cl. 222—197)

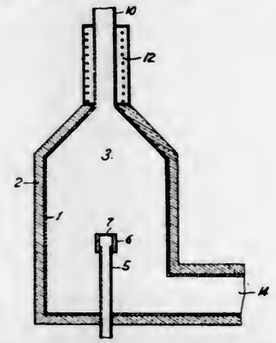


1. A dispenser for finely divided material, including a bowl having a tapering bottom portion, an orifice at the bottom thereof, a disc valve shaped to have a sliding fit in the orifice, a plunger extending upwardly from the valve, a striker member across the top of the bowl, and having an opening through which the upper end of the plunger extends, means above the striker member suspending the plunger in the orifice to close the same, said means being removable from the top of the plunger to permit the plunger and valve to be withdrawn through the orifice, and means to adjust the upward limit of the stroke of the valve.

7. In a dispenser for finely divided material, a bowl, an outlet at the bottom thereof, a valve adapted to close the outlet, a plunger extending axially into the bowl, means securing the valve to the plunger, a strap across the interior of the bowl, an opening through the strap through which the plunger passes, and means above the strap limiting the downward movement of the plunger to dispose the valve in the outlet to close the same, a transverse opening through the plunger adjacent and below the strap, a handle pivotally secured therein, and extending laterally of and through the bowl, the bowl being provided with an opening to that end, a shield over the strap and depending below the handle to check flow of material around the upper end of the plunger and the handle portions.

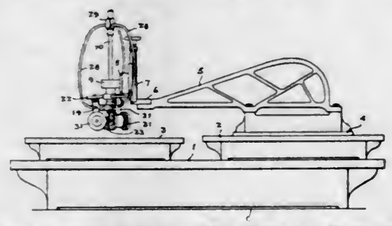
2,450,156
PROCESS OF AND APPARATUS FOR PRODUCING TITANIUM DIOXIDE
Alphonse Pechukas, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application June 7, 1944, Serial No. 539,067
7 Claims. (Cl. 23—202)

1. In a process of preparing titanium dioxide by reaction of oxygen with vaporized titanium tetrachloride while minimizing crystal formation by conducting the reaction out of substantial contact with hot surfaces, the steps which comprise injecting a portion of a stream of vaporized titanium tetrachloride into a reaction zone through a nozzle, diffusing a further portion of said stream transversely to the direction of flow thereof through the nozzle wall and into the reaction zone, and injecting a countercurrent stream of preheated oxygen into the reaction zone and into contact with the portion of the vaporized titanium tetrachloride stream issuing from the nozzle; the portion of the vaporized titanium tetrachloride stream issuing from the nozzle and the oxygen stream being so regulated as to meet at a point remote from the bounding surfaces of the reaction zone.



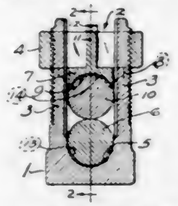
4. Apparatus for conducting a gas phase reaction comprises; walls defining a reaction chamber, a conduit extending into the chamber and terminating therein at a point spaced from the walls of the chamber, a refractory nozzle having a porous wall attached to the end of the conduit, a second conduit for conducting a reactant into the reaction chamber; said second conduit being spaced from and directed toward the nozzle, and means for heating said second conduit.

2,450,157
MEANS FOR PREPARING TRUE SURFACES
Samuel Charles Peckett, Toronto, Ontario, Canada
Application August 23, 1946, Serial No. 692,605
8 Claims. (Cl. 51—33)



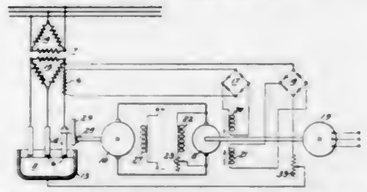
1. A means for preparing true surfaces comprising a master true surface, an inverted true surface member slidably mounted on the aforesaid master surface and having a laterally extending arm, a member vertically adjustably supported from said arm, a plurality of members pivotally supported on said vertically adjustable member to swing towards and away from each other in angularly arranged vertical planes, and grinder wheels mounted to rotate on said swingable members.

2,450,158
CONNECTOR BOLT
Ford Pennell, Webster Groves, Mo., assignor to Jane Booth Pennell, Webster Groves, Mo.
Application September 4, 1944, Serial No. 552,613
11 Claims. (Cl. 287—77)



1. In a connector bolt, a bolt head member, spaced legs extending therefrom and arranged to receive between them wires one above the other, a member slidable along said legs towards said head member, there being means for thrusting said members towards each other, at least one of said members having projections constructed and arranged to be forced into the peripheries of the adjacent wire to better hold the wire against being pulled endwise from the bolt, said projections being aligned with said means at points of thrust so that thrust between said means and said bolt head is in a substantially straight line longitudinally of said bolt through the projections.

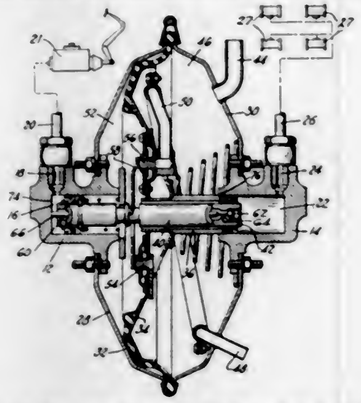
2,450,159
CONTROL SYSTEM
William M. Pickslay, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application August 14, 1944, Serial No. 549,373
27 Claims. (Cl. 314—75)



1. In a control system for an electric arc furnace provided with relatively movable electrodes adapted to have an arc drawn therebetween, motor means for moving one of said electrodes, means for controlling said motor means comprising a dynamoelectric machine provided with two opposed inductively related field windings, means connecting one of said field windings responsively to the current through said arc, means connecting the other of said field windings responsively to the voltage across said arc, and a self-energizing field winding on said dynamoelectric machine connected to be energized in accordance with the energization of said dynamoelectric machine.

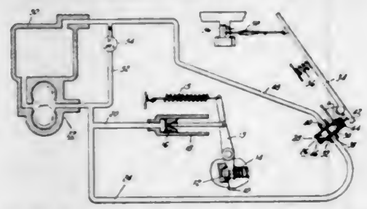
2,450,160
PRESSURE FLUID OPERATED PRESSURE INTENSIFIER
Earl R. Price, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 19, 1944, Serial No. 531,721
3 Claims. (Cl. 60—54.5)

3. A device, for applying a combined power and manually created pressure to a hydraulic pressure system, having coaxial bores at opposite sides thereof, one connected to a manually operable hydraulic master cylinder and the other connected to a hydraulic motor, an annular plunger reciprocable in the motor-connected-bore, a power-operated booster element operatively associated with the annular plunger to drive the same to build pressure in the motor, and a stepped piston having a small diameter portion extending



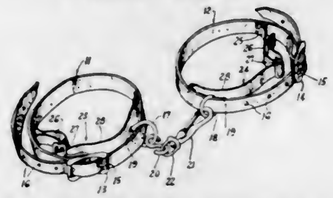
through the annular plunger into the motor-connected-bore and a large diameter portion reciprocable in the master-cylinder-connected-bore, the small diameter end of the piston being supported by bearing contact with the plunger only at the forward end of said plunger, thereby permitting angular pivotal movement of the piston and plunger with respect to one another during their pressure stroke.

2,450,161
CLUTCH CONTROL MECHANISM
Earl R. Price, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application May 28, 1945, Serial No. 596,312
4 Claims. (Cl. 192—.01)



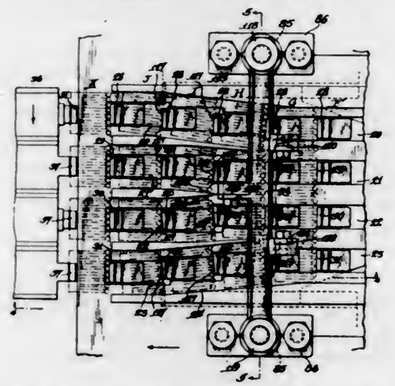
1. In an automotive vehicle provided with an internal combustion engine having a throttle valve, an accelerator, force transmitting means interconnecting the accelerator and throttle valve, and a spring operated friction clutch; power means including yieldable means for disengaging said clutch and hydraulic means for controlling the engagement thereof in two stages of operation, said hydraulic means comprising a motor having its power element operably connected to the clutch, an engine driven pump constituting a source of power for energizing the motor, means for controlling the operation of said hydraulic means comprising an accelerator operated valve and fluid transmitting means interconnecting the motor, the valve and the pump, the parts of the aforementioned mechanism and the force transmitting means interconnecting the accelerator and engine throttle being so constructed and arranged and so operative that upon release of the accelerator the motor is deenergized thereby making possible a disengagement of the clutch by the yieldable means, the parts of the mechanism being also so constructed and arranged and so operative that upon initial depression of the accelerator the motor is energized to effect the first stage of movement of the driven clutch plate as the clutch is being engaged, the second stage of movement being effected when and only when the throttle is opened.

2,450,162
GOLF PRACTICE DEVICE
William N. Promen, Chicago, Ill.
Application May 1, 1947, Serial No. 745,128
2 Claims. (Cl. 273—35)



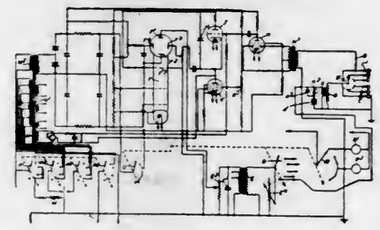
2. A golf practice device comprising: a plurality of straps, one adapted to form a closed loop loosely positioned about one arm in the proximity of its elbow and another to form a like loop about the other arm; adjusting means for varying the size of said loops; elastic members, at least one of which is attached to each of said loops to form a ring within the latter adapted to fit snugly about the arm for holding said loop in place; adjusting means for varying the size of said rings; and means for joining said loops for limiting the distance by which the arms may be separated from each other while making a golf stroke.

2,450,163
MATCH COMB HANDLING CONVEYER
Rodney S. Pullen, Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 1, 1943, Serial No. 493,117
12 Claims. (Cl. 144—51)



1. In a match comb handling system, a table, a step-by-step flight conveyor movable therein and having a plurality of conveyor blades, a cradle suporting the conveyor blades and in which the conveyor blades are movable longitudinally of the table, cam operated means for lifting and lowering the cradle and cam operated reciprocating means guided by the cradle moving the conveyor blades longitudinally of the table, means for timing the several cam operated means to lift the conveyor blades to operating height above the table, to move the conveyor blades lengthwise of the table while they carry the match combs one step, to lower the blades below the table level and to reverse the blade movement beneath the table to a position where the blades can be raised, moved, lowered, reversed, etc, to repeat the operation.

2,450,164
MEANS FOR TESTING ELECTRICAL IGNITION SYSTEMS OF INTERNAL-COMBUSTION ENGINES
Frank Raymond Faber Ramsay, London, England, assignor to D. Napier & Son Limited, London, England, a company of Great Britain
Application February 1, 1944, Serial No. 520,716
In Great Britain February 12, 1943
6 Claims. (Cl. 175—183)

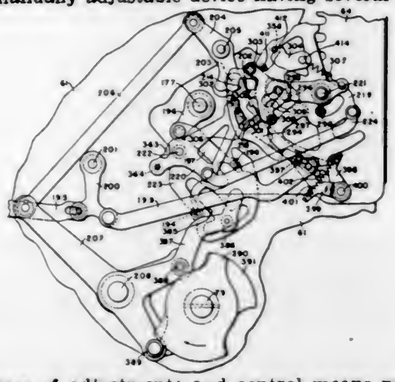


5. Apparatus for testing the ignition systems of internal combustion engines including a cathode ray tube, a time base circuit for said tube, means for triggering the time base from the circuit of one of the sparking plugs, means for connecting the tube to the low tension or primary side of the ignition apparatus so as to receive impulses and give indications representing the wave form of a succession of impulses delivered respectively to the several sparking plugs supplied by the ignition apparatus, filtering means for filtering out the loops due to high frequency oscillations in the ignition apparatus, and variable attenuating means arranged for progressively reducing the intensity of the impulses delivered to the sparking plugs so as to cause them successively to fail to spark.

2,450,165
CASH REGISTER
Harold O. Randall, Dayton, Ohio, and John B. Geers, deceased, late of Dayton, Ohio, by John H. More, administrator, Cincinnati, Ohio, assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application June 3, 1943, Serial No. 489,516
24 Claims. (Cl. 235—3)

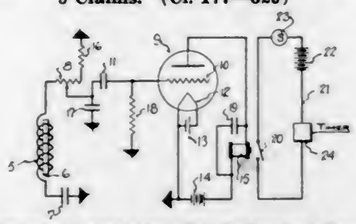
16. In a machine of the class described, the combination of two totalizers mounted on a common axle; actuators for the totalizers; means for shifting the totalizers relatively to the actuators to select either of said totalizers for actuation thereby; means common to both of the totalizers for engaging and disengaging the selected totalizer with and from the actuators; manipulative control elements; means controlled by the elements and common to the shifting means and

the engaging and disengaging means for determining which of the totalizers will be selected by said shifting means and for determining the effectivity of said engaging and disengaging means; a manually adjustable device having several po-



sitions of adjustment; and control means positioned by the manually adjustable device and effective when said device is moved to a certain one of its several positions of adjustment to alter the control of the means controlled by the elements over the engaging and disengaging means.

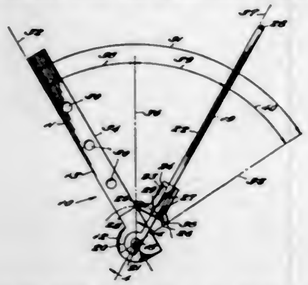
2,450,166
ELECTRICAL DETECTION APPARATUS
Nicholas S. Rich, Milwaukee, Wis.
Application August 18, 1944, Serial No. 549,987
5 Claims. (Cl. 177—329)



1. Detector apparatus for detecting the passage of automotive vehicles comprising the combination of: a detector unit adapted to have E. M. F. induced therein by the passage in proximity thereto of an automotive vehicle; a condenser; means defining a closed condenser charging circuit, including said detector unit and the condenser connected in series circuit whereby the condenser becomes charged in consequence to the induction of an E. M. F. in the detector unit; a thermionic tube having a control grid; a resistance; means connecting the resistance with the detector unit and the condenser so that discharge of the condenser effects a voltage drop across the resistance; and means for applying a potential derived from the voltage drop across the resistance upon the grid of the tube to supply positive grid bias thereto and thereby render the tube conductive for the passage of current by which an indicator may be actuated.

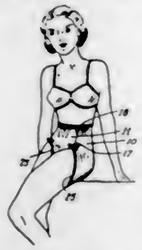
2,450,167
DEVICE FOR TRISECTING ANGLES
George C. Robinson, Los Angeles, Calif.
Application October 14, 1946, Serial No. 703,225
4 Claims. (Cl. 33—97)

1. A device for trisecting angles, comprising in combination, a blade, a pivot adjacent one end of said blade, an arm mounted adjacent one end thereof on said pivot, one longitudinal edge of said arm and one longitudinal edge of said blade radiating from said pivot, and an elongated cursor slidable on said arm, one longitudinal edge of said



cursor being equal in length to twice the width of said blade and extending at right angles to said arm, one end of said cursor being engageable with the remaining longitudinal edge of said blade.

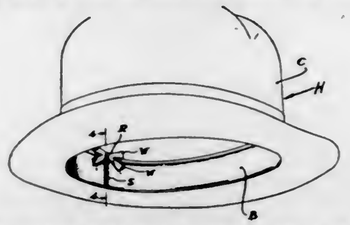
2,450,168
UNDERGARMENT
Julius Schwartz, Astoria, N. Y.
Application April 21, 1947, Serial No. 742,765
2 Claims. (Cl. 2—224)



1. An undergarment comprising a main portion constituting the entire back and sides of such undergarment and extending from the waistline downwardly, its side edges diverging downwardly from about midway of its height, a panel portion secured between the side parts of the main portion above the points of divergence, its side edges converging downwardly from said points, a crotch portion secured at one end to said panel portion and at the other end to said main portion, the side edges of the front part of said crotch portion converging downwardly and constituting a continuation of the corresponding converging side edges of the respective sides of the panel portion, said converging and diverging edges bounding an inverted V-shaped cut-out to overlie the front of each leg of a wearer with the apex of the V on the front center line of the leg.

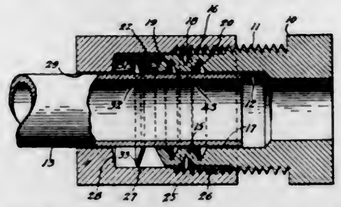
2,450,169
HAT SWEATBAND
Herman Seiden, Plainfield, N. J., assignor of one-third to Aaron M. Hartman, New York, and one-third to Harry Ornstein, Brooklyn, N. Y.
Application September 16, 1946, Serial No. 697,189
2 Claims. (Cl. 2—181)

1. A sweat band for insertion within the crown of a hat comprising; a relatively narrow body having the entire height of its free ends disposed in close juxtaposition, a flexible membrane having a medial portion mounted on and overlapping contiguous portions of said ends and having wing means extending laterally of said medial portion and disconnected from said portions, and a line of stitching securing said en-



tire height of said ends together and the entire height of said medial portion to said contiguous portions to preclude lifting of said ends away from each other and concomitantly permit displacement of said wing means relative to said contiguous portions.

2,450,170
FITTING
George Goodwin Smith, Chicago, Ill., assignor to Robert L. Kahn, Chicago, Ill., as trustee
Application November 15, 1946, Serial No. 710,189
4 Claims. (Cl. 285—122)



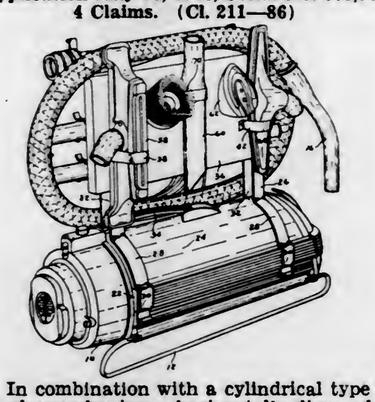
1. A metal fitting for retaining the smooth end of a pipe comprising a pair of coupling thimbles having cooperating inner and outer threaded portions, the thimble having the outer threaded portion having an integral annular extension with staggered inner and outer generally V-shaped annular grooves, each groove having a depth of between about .6 and about .8 times the extension thickness with a groove angle between about 45 and about 65 degrees and a stagger between adjacent inner and outer grooves between about ½ and about 2 times the extension thickness, said thimble having the inner threaded portion having an inner shoulder for exerting force upon the free end of the extension, said thimbles being adapted to be drawn up tightly to provide flow of metal without buckling the conical shaped walls formed by the groove.

2,450,171
COMPOSITION OF FRICTION MATERIAL
Thornton R. Stenberg, Troy, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
No Drawing. Application September 20, 1944, Serial No. 555,019
1 Claim. (Cl. 106—36)

A material for the purpose described, having the following constituency:

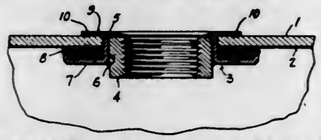
	Percent
Asbestos fibre	66 to 74
Dried and ground tung pomace	14 to 6
Resin	20 to 15

2,450,172
ACCESSORY STAND FOR CYLINDER TYPE VACUUM CLEANERS
Paul E. Stoner, Jackson, Mich.
Application May 10, 1946, Serial No. 668,909
4 Claims. (Cl. 211—86)



3. In combination with a cylindrical type vacuum cleaner having a horizontally disposed casing, a saddle comprising a pair of forked members engaging with said casing and spaced at points longitudinally thereof, said saddle carrying a vertically disposed tool supporting member, said member extending longitudinally of said casing and being disposed substantially in a vertical plane through the center of mass of said casing.

2,450,173
SEAL FOR TANK OPENINGS
William C. Uhri, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York
Application June 25, 1947, Serial No. 756,996
3 Claims. (Cl. 285—49)

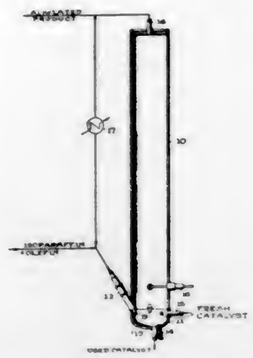


1. In a seal for an opening in a hot water storage tank having a corrosion resistant lining to protect the tank from corrosion by contained fluid, a tubular generally thin corrosion resistant ferrule secured within the opening in said tank with a portion thereof projecting inwardly and outwardly of the opening, a resilient gasket encircling said ferrule on the inside of said tank, a flange on the inner end of the ferrule disposed to confine said gasket against the inside of the tank around said opening to seal off the approach of the contained fluid to the edge of the opening, and a corrosion resistant tubular member secured to the inside of said ferrule for supporting an element therein.

2,450,174
CATALYTIC CONTACT PROCESS
William W. Weinrich, Bartlesville, Okla., Clark A. Holloway, Jr., Oakmont, Pa., and William S. Bonnell, Port Arthur, Tex., assignors to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
Application January 11, 1945, Serial No. 572,312
10 Claims. (Cl. 260—683.4)

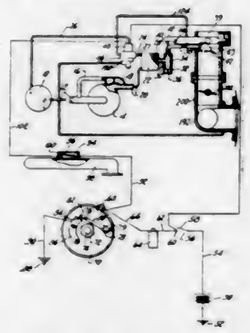
1. A process of contacting fluid reactants with a solid catalyst slurry comprising introducing the

fluid reactants by means of a downwardly directed jet into the lower portion of a vessel containing catalyst slurry with sufficient force to cause substantial turbulence of said catalyst slurry, settling any catalyst that may rise to the upper



portion of said vessel and causing it to flow back to the lower portion of said vessel, withdrawing the reaction product formed by contact with said catalyst from the upper portion of the vessel, and recycling a portion of said product with the reactants.

2,450,175
FUEL SYSTEM FOR STARTING
Emil O. Wirth, South Bend, Ind., and William E. Leibing, Detroit, Mich.; said Wirth assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware; said Leibing assignor to Leibing-Fageol Company, Detroit, Mich.
Application September 4, 1945, Serial No. 614,156
29 Claims. (Cl. 123—180)

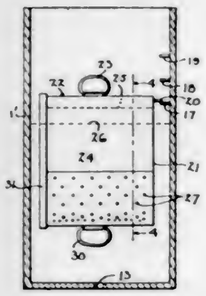


17. In an internal combustion engine having an ignition system including a distributor in the primary circuit, said distributor including a contact lever controlled by a cam whereby the primary circuit is made and broken: a main fuel supply system; an auxiliary fuel supply system; a primer controlling the auxiliary system; a valve for said primer; a solenoid for actuating said valve; and an electric circuit connecting the solenoid with said distributor for intermittently energizing said solenoid while said primer is in operation.

2,450,176
PREPARATION OF PALLADIUM OXIDE
Herbert E. Zschiegner, Ocean Grove, N. J., assignor to Emanuel Honig, Brooklyn, N. Y.
No Drawing. Application August 18, 1947, Serial No. 769,327
2 Claims. (Cl. 252—472)

1. A method of preparing palladium oxide on a refractory support, including mixing the support with an aqueous solution of palladium and silver nitrates, evaporating the water from the result and heating it to temperatures above the decomposition temperature of palladium nitrate and below the decomposition temperature of silver nitrate for a sufficient time to decompose a substantial portion of the palladium nitrate to palladium oxide and subjecting this result when cooled to the action of a solvent of the silver nitrate but not of the palladium oxide to dissolve the former from the latter and to leave a deposit of the palladium oxide on said support.

2,450,177
BEVERAGE DEVICE
Francis Parker Allen, Beaumont, Tex.
Application May 29, 1944, Serial No. 537,815
4 Claims. (Cl. 99—282)

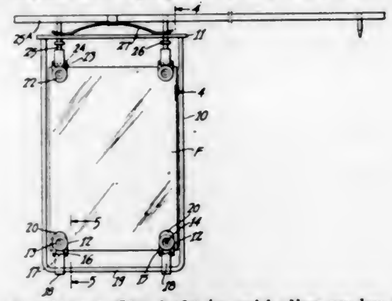


1. A device of the class described comprising an imperforate container to receive a liquid, a multiple range heating unit in the lower portion of said container, switch means for said unit including an actuating member proximate the side wall of said container, a perforate container adapted to enter said imperforate container and engage said actuating member and energize the unit at a high heat rate as said last mentioned container moves telescopically under gravity within the imperforate container, and means in the perforate container for containing a material to be treated by immersion as heated liquid rises therein, said perforate container including means for operating said switch to energize the heating unit at a lower rate as the container approaches its lowermost position of travel.

2,450,178
FILM TENSIONING HOLDER FOR FLUID PROCESSING
Daniel A. Albert, Richmond Hill, N. Y.
Application November 14, 1946, Serial No. 709,684
2 Claims. (Cl. 95—100)

1. A film holder comprising a carrier bar, spaced guide arms extending from one side of the carrier bar, a frame mounted for sliding movement on said arms, film engaging clips on the ends of said arms within one end of said frame, clips on the other end of the frame and a

spring means intermediate the carrier bar and the frame for urging the latter away from the



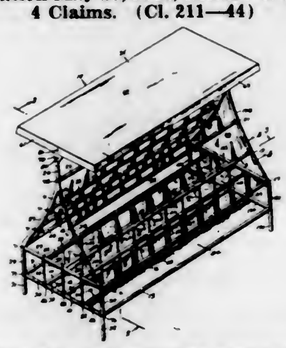
bar to place a film held in said clips under tension.

2,450,179
REARVIEW MIRROR
James W. Anderson, Jr., Detroit, Mich., assignor to Monarch Governor Company, Detroit, Mich., a corporation of Michigan
Application May 3, 1947, Serial No. 745,785
7 Claims. (Cl. 248—226)



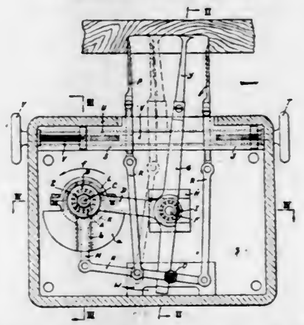
1. A mirror assembly for a vehicle having a door provided with a flange, which comprises a mirror-supporting arm, a clamping member mounted on the inner end of said arm and being shaped to embrace said flange, means for securing said clamping member to said flange, a fastening element for securing said clamping member to said arm while permitting angular movement of the former with respect to the latter, and locking means for preventing undesired angular movement of said clamping member, said locking means including cooperative notched and projecting elements for fixedly securing the clamping member in place in one of a plurality of angular positions on said arm.

2,450,180
CLOTH BOLT DISPLAY RACK
Edmond P. Bixer, New York, N. Y.
Application May 20, 1946, Serial No. 670,979
4 Claims. (Cl. 211—44)



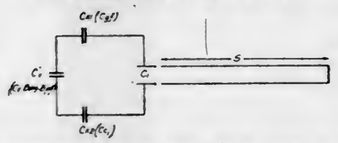
2. A cloth bolt display rack comprising: first and second end elements; means connecting said end elements and maintaining the same in spaced position; a cloth bolt support element connected to and extending between said end elements, said cloth bolt support element including a longitudinally arranged support member and a plurality of bolt engaging members extending at an angle with respect thereto; said support member being rotatable about its own longitudinal axis; and means to limit the rotation of the longitudinally arranged support member.

2,450,181
SLOTTING AND TENONING MACHINE
Auguste Boucher and Lucien Parveau, Vignols, France
Application February 3, 1947, Serial No. 726,036
In France February 27, 1946
5 Claims. (Cl. 144—80)



1. A mortising machine, chiefly for wood cutting, comprising a driving shaft, a plate with a slideway adapted to rotate therewith in a plane perpendicular thereto, a knob of adjustable eccentricity carried by said plate, a connecting rod pivotally secured to said knob, a spindle parallel to the shaft and pivotally carrying the other end of said connecting rod, means for adjusting the position thereof with reference to said shaft, an arm rigid with the connecting rod, a cutting tool carried by said arm, an eccentric disc carried by the driving shaft, a connecting rod fitted over said eccentric disc, a lever pivotally secured through a medial point to a stationary axis and through an end thereof to the free end of said last mentioned connecting rod, twin connecting rods pivotally secured to the other end of said lever to either side of the said arm carrying the cutting tool with reference to the shaft and mortising chisels carried by the ends of each of said last mentioned twin connecting rods.

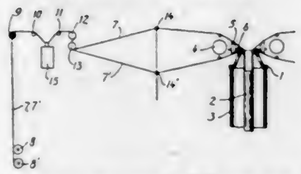
2,450,182
FREQUENCY MODULATION AT ULTRA HIGH FREQUENCIES
Franklin L. Burroughs, Emporium, Pa., assignor to Sylvania Electric Products Inc., Emporium, Pa., a corporation of Massachusetts
Application March 26, 1943, Serial No. 480,611
4 Claims. (Cl. 179—171.5)



1. In combination, an oscillator tube, a modulator tube, and a tuned transmission loop having

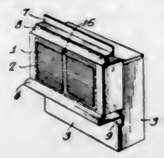
connected thereto a frequency-determining capacity network comprising four capacitances, one of the capacitances being in shunt to the loop the other three capacitances being in series with each other, the series capacitances also being in shunt to said loop, said one capacitance comprising the interelectrode inherent capacitance between two of the electrodes of the oscillator tube, said other three capacitances comprising in series respectively the grid-cathode capacitance of the oscillator tube, the grid-cathode capacitance of the modulator tube and a separate condenser, and means to vary the bias on the grid of the modulator tube to vary thereby the effective capacitance of said network and thereby varying the frequency of the oscillations in said loop.

2,450,183
CHECKING DEVICE FOR THE WARP THREADS IN CIRCULAR LOOMS
Christian Christiansen, V. Aker, near Oslo, and Gustav Otto Karl Rüsch, Mandal, Norway
Application January 9, 1947, Serial No. 720,984
In Norway December 14, 1945
4 Claims. (Cl. 139—13)



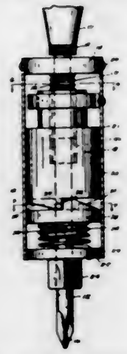
1. In a circular weaving loom for the weaving of textile hoses, the provision of a number of cylindrical members over which the warp threads are passed in combination with stopping and releasing means for the rotational movement of the said members, acting in dependence upon the direction of draw in the warp threads so as to allow the rotation of the said members at the closing of the shed but keep the members stationary by the opening of the shed, thereby effecting a frictional check upon the warp threads sliding on the members.

2,450,184
AIR CONDITIONING GRILLE OR REGISTER ASSEMBLY
Harry E. Coleman, Mount Vernon, N. Y.
Application May 18, 1945, Serial No. 594,559
6 Claims. (Cl. 98—114)



1. A prefabricated air outlet or air inlet assembly for air conditioning systems comprising, in combination, a duct elbow having a vertical portion adapted to be located between two studs of a building and in which it is to be installed and a horizontal portion adapted to extend through the finished wall which is to be carried by the studding and a grille-carrying wall ferrule plate connected to the room end of said horizontal duct portion, said assembly having rearwardly extending flanges overlapping the sides of said studs and adapted to be connected thereto, before the wall is applied, to support and to maintain said ferrule and said duct end in the desired ultimate relation to the finished wall and also having integral rearwardly offset top and bottom flanges arranged to be connected to the front faces of the two studs between which the duct is located.

2,450,185
HAND OPERATED ROTARY IMPACT SCREW DRIVER
Howard F. Craven, Redondo Beach, Calif.
Application October 31, 1944, Serial No. 561,273
2 Claims. (Cl. 145—50)

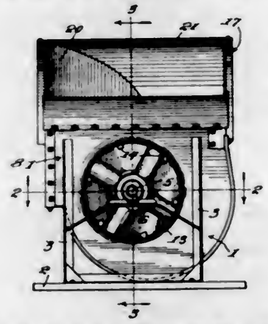


2. In a device of the character described including a screw driver formed with a shank having a handle secured on one end and a blade on its opposite end, a collar having a reduced externally threaded depending portion slidably and rotatably disposed on said shank, an operating sleeve disposed about said collar, means for connecting said sleeve and collar together, a second collar slidably and rotatably disposed about said shank and secured to the lower end of said sleeve, a relatively heavy cylindrical block disposed within said sleeve and slidably and rotatably about said shank, said block being formed with an axial bore threaded in its upper end said threaded portion being engageable with said reduced externally threaded depending portion, the upper end of said block being reduced, a convolute spring disposed about said reduced upper end of the block having one end secured thereto and its opposite end secured to said sleeve, the lower end of said block being formed with a cam surface terminating in a shoulder, a plate disposed about and secured to said shank below said block and within said sleeve and having a reduced depending portion on its lower end and a cam surface terminating in a shoulder on its upper end said last mentioned shoulder cooperating with said first mentioned shoulder and normally abutting the latter, a coil spring disposed about said reduced depending portion of said plate abutting the lower surface of the plate at its upper end and secured to said second collar at its lower end, and a position limiting block removably secured to the said shank by said block being positioned below said second collar and spaced from said plate.

2,450,186
TURBINE BLOWER
Benjamin W. Curry, Jacksonville, Fla.
Application October 1, 1946, Serial No. 700,429
3 Claims. (Cl. 230—128)

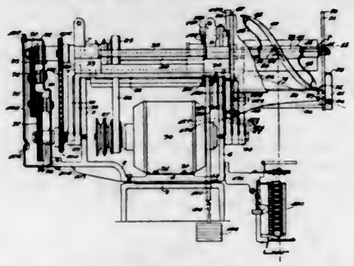
3. In a blower of the type having an impeller with a plurality of blades carried by spaced rings

mounted on a shaft, the combination which comprises a housing with the wall thereof on a plurality of gradually enlarging radii and leading to a rectangular-shaped discharge port, and an elbow positioned on said housing including an arcuate wall extended from one end of the discharge port across the said port, over the impeller, and



directing air from the impeller in a path parallel with the axis of the shaft and spaced therefrom, said elbow having a flat side and an arcuate side extending from a point extending slightly over the axis of the shaft to the opposite side of the housing and adapted to direct air from the impeller into a path aligned with the axis of the shaft.

2,450,187
WINDING MACHINE
Irving W. Day, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass., a corporation of Massachusetts
Application July 3, 1945, Serial No. 603,040
9 Claims. (Cl. 242—43)



1. In a winding machine, a rotatable winding spindle for supporting a winding package, a driveroll adapted to contact the package to rotate the winding spindle and to recede therefrom with the growth in the winding, a cam arranged in parallel relation to the winding spindle and initially positioned in close association therewith, a mounting provided with bearings for the cam and movable relatively to the winding spindle to adapt the cam to recede therefrom with the growth of the package being wound, means for connecting the winding spindle to drive the cam, and means reciprocated by the cam to traverse the yarn longitudinally of the winding spindle.

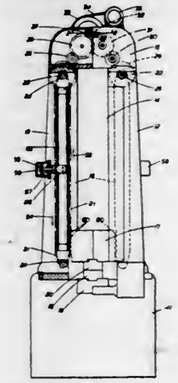
2,450,188
PUSH AND PULL LOAD GAUGE
Bastiaan De Graaf, Yonkers, N. Y.
Application March 24, 1945, Serial No. 584,611
1 Claim. (Cl. 73—141)

A push and pull load gauge having a fountain-pen-shaped tubular holder comprising a tubular cylinder, a bored insert at each end of the cylinder, the bores of the inserts being of lesser diameter than the bore of the cylinder, a tubular scale bar having an annular flange at one end extending through the bore of one insert and into the cylinder, a helical spring within the cylinder having one end bearing against one of the inserts and the other end bearing against said annular flange, a reversible push-pull bar having a flange near



one end, said push-pull bar extending into the tubular scale bar with its flange bearing against the end of the scale bar adjacent the annular flange, a coupling attached to one end of the push-pull bar for connecting a load, whereby the force applied by the load to the push-pull bar will move the scale bar against the compression of the spring to give an indication of the value of the load.

2,450,189
DROP HAMMER, STAMP, AND THE LIKE
Frederick Emanuel, Barnes, London, England, assignor to Eumuco (England) Limited, Barnes, London, England, a British company
Application October 12, 1944, Serial No. 558,303
In Great Britain October 13, 1943
4 Claims. (Cl. 78—30)

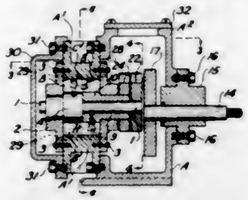


2. In a forging machine, in combination, a frame comprising guides extending generally vertically, a tup slidably mounted within said guides, a projection on said tup extending laterally therefrom and providing a downwardly facing fixed surface adapted to be engaged for lifting the tup, chain supporting means disposed alongside the path of the tup, a driving chain carried on said supporting means, means for moving said supporting means toward said tup to cause said chain to engage said surface for lifting the tup and for moving said supporting means away from said tup to cause said chain to disengage said surface to allow the tup to fall, and means to drive said chain.

2,450,190
ROTARY COMPRESSOR LUBRICATION
Emil L. Fabian, Vallejo, Calif.
Application March 13, 1944, Serial No. 526,261
2 Claims. (Cl. 230—207)

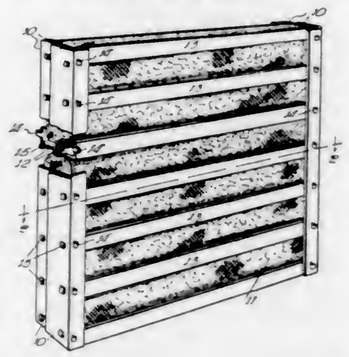
2. In a rotary valveless compressor, a casing having an annular cylinder therein, pistons mov-

able in the cylinder, a pair of shafts rigidly connected to the pistons for moving them, means disposed on one side of said cylinder for rotating said shafts, a lubricant retaining reservoir housing said means and keeping said means lubricated, a bearing for one of said shafts disposed on the other side of the cylinder, a second lu-



bricant retaining reservoir for housing said bearing, said casing having passages lying outside of the annular cylinder and placing the reservoirs in communication with each other for transmission of a lubricant without the lubricant entering the annular cylinder, said first named reservoir having a cover for permitting lubricant to be added as needed.

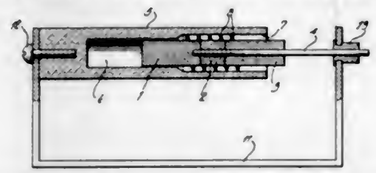
2,450,191
MAT FRAME FOR EVAPORATIVE COOLERS
Archie S. Feinberg, Dallas, Tex.
Application September 28, 1945, Serial No. 619,145
3 Claims. (Cl. 261—97)



1. In an evaporative cooler, a mat and mat frame, the latter comprising vertical end members and confronting pairs of side members vertically spaced and supported by said end members, members of said pairs each having a flat portion lying in a common horizontal plane and castellated whereby the confronting flat portions of said pairs of side members will compressedly engage said mat at vertically and horizontally spaced points throughout its area.

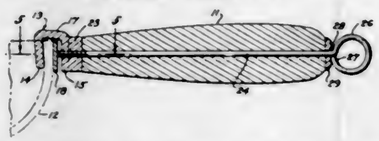
2,450,192
ULTRA HIGH FREQUENCY TUNING UNIT
Walter C. Freeman, Jr., Emporium, Pa., assignor to Sylvania Electric Products Inc., Emporium, Pa., a corporation of Massachusetts
Application June 19, 1943, Serial No. 491,443
5 Claims. (Cl. 171—242)

1. A permeability-tuned coil assembly comprising a cylindrical coil, a cylindrical tuning core only slightly less in diameter than the inside coil diameter, and a body of insulating material having one portion encasing said coil and having a coaxial bore in another portion for slidably ac-



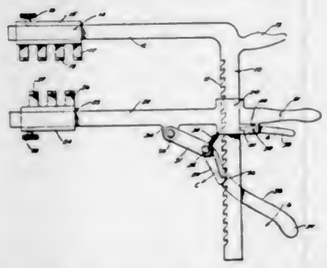
cepting and centering such part of said core as is extended beyond said coil.

2,450,193
POT HANDLE
John B. Galliano, Oakland, Calif., assignor to Industrial Ideas, Inc., Oakland, Calif., a corporation of California
Application August 2, 1946, Serial No. 688,025
2 Claims. (Cl. 294—27)



1. A quickly and securely attachable pot handle having a handgrip, a clamp at an end of the handgrip, the clamp having a fixed gripping arm to be located inside the pot adjacent to its rim and a movable gripping arm to be located outside the pot opposite to the fixed arm, a rod to move the movable arm toward the fixed arm and extending through the handgrip and a part of the clamp and having screw thread connection with the latter, the rod projecting beyond the other end of the handgrip, and a loop on the projecting end of the rod and having a part closer to the handgrip than the meeting point of the rod and the loop.

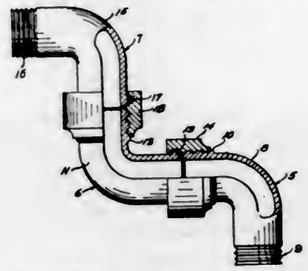
2,450,194
ADJUSTABLE RETRACTOR
Mark Albert Glaser, Los Angeles, Calif.
Application July 22, 1946, Serial No. 685,516
2 Claims. (Cl. 128—20)



1. Surgical retractors comprising a rigid retractor bar, a rack bar integral therewith and disposed at right angles thereto, a movable retractor bar unit including a cross-head slidably mounted upon the rack bar, a retractor bar integral therewith and extending parallel to the first named retractor bar, handles on the first named retractor bar structure, a cross-head whereby the retractor bars may be moved directly toward and away from each other, rack teeth along one edge

of the rack bar, a pawl adapted to engage said rack teeth, and a lever mechanism associated with said pawl and carried by the movable retractor bar structure whereby the two rack bars may be moved apart forcibly.

2,450,195
ADJUSTABLE PIPE FITTING ASSEMBLY
William H. Grantham, Magnolia, Ark.
Application September 21, 1946, Serial No. 698,445
2 Claims. (Cl. 285—211)



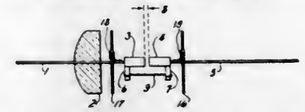
1. An adjustable pipe fitting assembly comprising three elbow fittings, one of said fittings comprising an elbow body having a fine male pipe thread on one end and a coarse union thread on the other end, another of said fittings comprising an elbow body having a coarse male union thread on one end and a union lip on the other end, a coupling nut having swiveled engagement with said lip and threaded onto the coarse union thread of said one fitting, the remaining fitting comprising an elbow body having a fine male pipe thread on one end and a union lip on the other end, and a second coupling nut having swiveled engagement with the last named lip and threaded onto the coarse union thread of the second-named fittings.

2,450,196
BRAKE SHOE ADJUSTING GAUGE
John Meridith Houston, Breckenridge, Tex.
Application February 9, 1946, Serial No. 646,557
1 Claim. (Cl. 33—178)



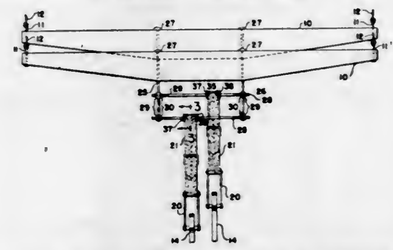
A brake shoe gauge comprising a hollow cylindrical body having a longitudinal slot extending throughout the length of the cylinder wall to provide a pair of spaced edges, a pair of opposed anchor blocks fixed on the body adjacent the spaced edges, and an adjustable connector between said blocks, said cylindrical body including a male end portion and a femal end portion, said male end portion including a cylindrical outer surface, said female end portion including a cylindrical inner surface, the outer cylindrical surface of said male end portion and the inner cylindrical surface of said female end portion being co-axial continuations of each other.

2,450,197
ELECTRIC DISCHARGE DEVICE
Harry Kenneth Ishler, Floral Park, N. Y., assignor to Sylvania Electric Products, Inc., a corporation of Massachusetts
Application December 29, 1945, Serial No. 637,889
17 Claims. (Cl. 250—27.5)



1. The method of securing the desired spacing between the electrodes of an electric discharge tube which comprises spacing the electrodes with conducting spacers during the construction of the tube, said spacers being joined to the discharge electrodes at points remote from the discharge surface thereof, and subsequently melting and vaporizing the spacers with the application of electrical energy.

2,450,198
STIRRUP FOR JACK STICKS IN LOOMS
Clarence E. Kennett, Warrenville, S. C.
Application September 20, 1947, Serial No. 775,218
3 Claims. (Cl. 139—88)

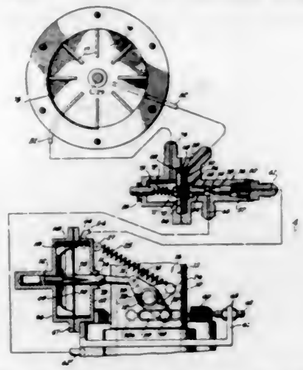


1. In a loom having a plurality of treadles and a plurality of jack sticks and jack straps connecting the treadles to the jack sticks, each jack stick having secured thereto and projecting downwardly therefrom a pair of spaced members, a horizontally disposed member spanning the distance between and secured to the lower ends of the downwardly projecting spaced members and a collar member slidably mounted for movement along the horizontally disposed member and on which a jack strap is adapted to be mounted, and means for adjustably securing the collar member in position on the horizontally extending member.

2,450,199
GOVERNOR
William E. Leibing, Santa Barbara, Calif.
Application June 24, 1946, Serial No. 679,020
7 Claims. (Cl. 123—103)

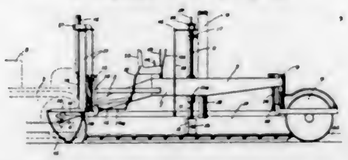
1. In a governor for limiting the maximum speed of an internal combustion engine, the engine having speed control means associated with the carbureter thereof for regulating the rate of flow of combustible fuel mixture to the engine, the combination of a power cylinder adapted to limit the range of operation of the speed control means, conduit means connected to the intake manifold of the engine adapted to energize the power cylinder by partial vacuum, a valve device including a valve element interposed in the conduit means whereby the valve element may regulate action of the power cylinder, a fluid pump driven by the engine adapted to deliver fluid at

increasing pressure in response to increasing speed of the engine, means responsive to said fluid pressure adapted to move the valve element toward open position, and resilient means nor-



mally acting to oppose the pressure responsive means whereby the valve element is maintained in a closed position until the engine speed exceeds a predetermined maximum.

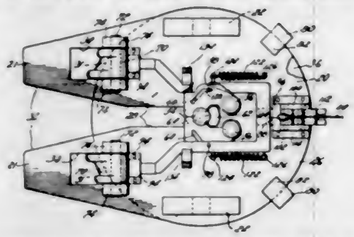
2,450,200
LEVELING AND CONTOURING MACHINE
Niel C. Locke, Lockeford, Calif.
Application January 22, 1945, Serial No. 573,917
10 Claims. (Cl. 37—178)



1. An earth working machine comprising a frame supported above and for movement along the ground, a transverse grader blade disposed beneath the frame, means suspending the blade from the frame for horizontal swinging movement between reversely angled positions, and separate transversely spaced supporting means on the frame adapted to detachably couple with a corresponding end portion of the blade when the latter is angled to dispose said end portion forward; the blade being suspended from the frame for tilting adjustment transversely of the direction of travel whereby to level said blade, each of said separately supporting means including a carriage in a substantially vertical plane to which the corresponding blade end is adapted to connect, a power cylinder operative to raise or lower said carriage in a substantially vertical plane an operator's seat on the frame, and manually actuated means arranged to releasably couple the ends of said blade with the corresponding supporting means, said manually actuated means being remote controlled by the operator from the seat.

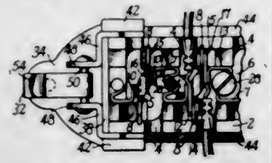
2,450,201
FIFTH WHEEL ASSEMBLY
Otis A. Logan, Kansas City, Mo.
Application February 12, 1945, Serial No. 577,556
4 Claims. (Cl. 280—33.05)

1. In a fifth wheel assembly, a tractor plate having a king pin receiving slot with a pin seat at its forward end; a circular trailer plate having a centrally depending king pin and an annular peripheral flange; fixed dogs carried at the forward edge of said tractor plate to engage the forward periphery of said trailer plate and piv-



otally mounted dogs adjacent the rear end of said trailer plate; and resilient means to normally urge said pivoted dogs to engage the annular flange of said trailer plate and manually operable means to move said pivoted dogs below the upper surface of said tractor plate.

2,450,202
ELECTRICAL CONNECTOR
James C. Macy, New Cumberland, Pa., assignor to Aircraft-Marine Products Inc., Harrisburg, Pa., a corporation of New Jersey
Application October 27, 1944, Serial No. 560,606
12 Claims. (Cl. 200—51)

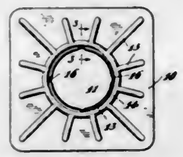


4. A terminal block which comprises an insulating block having transverse channels therein and communicating centrally located longitudinal channels, interconnectors in said transverse channels each having oppositely extending blade portions lying in spaced parallel planes, an integral centrally positioned saddle portion connecting and offsetting said blade portions and clip portions adjacent said saddle portion integrally connected to the blade portions respectively at the bottom edges thereof and extending over the face of the blade portion at a distance therefrom approximately the thickness of said blade portion and a contact lug extending laterally from each clip portion into said longitudinal channel in overlapping relation with the contact lug of an interconnector in an adjacent transverse channel, and a bridging connector removably engaged between said adjacent contact lugs whereby removably to connect said adjacent interconnectors, and an insulating cover closing said channels, insulating said interconnectors and locking said terminal connectors against disengagement from said interconnectors.

2,450,203
RADIATOR FIN CONSTRUCTION
David E. Morgan, Philadelphia, Pa., assignor to Warren Webster & Company, Camden, N. J., a corporation of New Jersey
Application December 29, 1945, Serial No. 638,333
1 Claim. (Cl. 257—262.16)

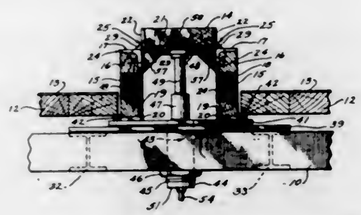
Heat exchanging apparatus comprising a metal tube, a plurality of closely spaced flexible thin

sheet metal fins, each fin being provided with an aperture for receiving the tube, an annular integral spacing flange on each fin and surrounding the tube at the aperture, the tube being of such diameter that it presses radially outwardly against the inside surfaces of said flanges, and whereby the flanges securely embrace the tube, each fin being formed with a continuous an-



nular corrugation surrounding and in spaced relation to the aperture thereof, the area of the fin within such corrugation being a narrow flat annular portion in a plane perpendicular to the axis of the tube, and a plurality of spaced corrugations being formed on each fin and extending respectively radially outward from the annular corrugation.

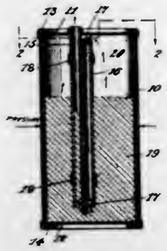
2,450,204
TRUCK BODY AND BOLSTER
Whetstine B. Pridy, Long Beach, Calif.
Application August 6, 1945, Serial No. 609,057
6 Claims. (Cl. 296—28)



1. A platform for a truck or the like, comprising a relatively fixed platform interrupted at a point in its length by an intermediate vertically movable platform section normally lying in the same horizontal plane as the fixed platform section to supplement the same and form a continuous floor structure, a pivot post secured centrally of the movable platform section, a bearing receiving the post and carried by the fixed section, means for moving the post vertically while lifting the movable platform section to a plane above the fixed platform section whereby the movable platform section may swing horizontally around the vertical axis of said post and over the fixed platform section, and a guide structure carried by the fixed platform section and receiving the bearing for the post whereby the post in its bearing may move longitudinally of the platform when the fixed platform section is lifted above the movable platform section.

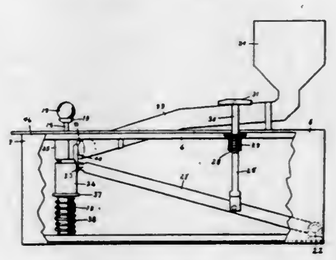
2,450,205
COMPRESSIBLE POWDER DISPENSER
William H. Rose, Jersey City, N. J.; Hudson County National Bank executor of said William H. Rose, deceased
Application January 8, 1946, Serial No. 639,778
7 Claims. (Cl. 222—193)

1. A powder dispenser comprising an elongated casing having flexible resilient side members and rigid end members; a powder-exit hollow tubular member open at both ends and having its upper open end positioned outside said casing adjacent one end member and its lower open end positioned inside said casing adjacent the other end member, thus forming an exit opening for said



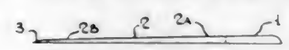
casing; an air-circulating tubular member within said casing, the lower end of which is adjacent to the lower end of said powder-exit member and means adapted to allow the passage of air through said air-circulating tubular member while preventing the passage of powder therethrough.

2,450,206
GOLF TEEING APPARATUS
James F. Shouse, Moline, Ill.
Substituted for application Serial No. 329,595, April 15, 1940. This application October 1, 1945, Serial No. 619,466
1 Claim. (Cl. 273—33)



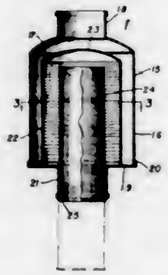
A golf teeing apparatus, comprising a frame, a casing therefor, adapted to be sunk in the ground, a tubular member supported vertically in said frame, provided with a pair of vertically extending slots in its walls, diametrically opposed to each other, a plunger vertically movable in said tubular member, provided with a pair of slots in register with said first-named slots a compressison spring beneath said plunger yieldably supporting the same, a golf tee mounted on said plunger, a chute mounted in said frame for the delivery of a series of balls to a point to roll on to said tee, a sleeve on said tubular member, carrying a closure for the end of said chute, and provided with a pair of slots in register with the first-named slots, a coiled spring beneath said sleeve holding the same normally in elevated, chute-closing position, a lever pivoted at one end in said frame, with its free end having play in said slots, connections between the movable end of said lever and said plunger, and foot pedal connections with said lever, operable from above the casing.

2,450,207
NAIL FILE
Alexander Silverman, Pittsburgh, Pa.
Application March 13, 1945, Serial No. 582,500
1 Claim. (Cl. 132—76.4)



A one-piece nail file made of thin strip material having an angular transverse section throughout its entire length, having a substantially smooth handle and integral therewith a body portion at least the inner side of which is abrasive, the angular transverse section having a width/depth ratio between about 5:1 and about 2:1.

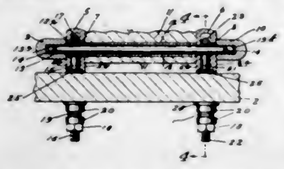
2,450,208
FILTER
Thomas Harold Slater, Fairview, Ill.
Application May 20, 1947, Serial No. 749,236
1 Claim. (Cl. 210—164)



A filter adapted to be introduced in the cooling system of a liquid cooled internal combustion engine between the cooling liquid discharge of the engine block and the radiator, comprising a tubular body, end walls at opposite ends of the body, an outstanding tubular nipple on each end wall communicating with the interior of the body, a foraminous cylinder fixed at one end to an end wall of the body and extending toward the opposite end wall thereof in concentric spaced relation to the nipples, a cap closing the end of the foraminous cylinder in spaced relation to the end wall opposite that to which the cylinder is fixed, a pipe slidably fitted into the nipple carried by the end wall to which the foraminous cylinder is fixed, said pipe being adapted to project into the foraminous cylinder and an outstanding annular flange on the pipe for engaging the end of the said nipple and limiting the distance that the pipe may enter the cylinder.

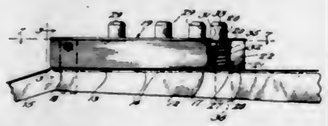
2,450,209
HINGE CONSTRUCTION FOR TOILET SEATS
Peter J. Sperzel, Minneapolis, Minn., assignor to Sperzel Company, Minneapolis, Minn., a corporation of Minnesota
Application June 28, 1946, Serial No. 680,263
3 Claims. (Cl. 4—236)

1. A friction hinge construction for independently connecting a toilet seat element and a toilet cover element to one another and to an underlying toilet bowl, said friction hinge construction comprising laterally spaced hinge brackets carried by said bowl and having aligned apertures, a hinge flange carried by one of said elements projecting between said hinge brackets, a horizontal passage through said flange coaxial with the aligned apertures in the hinge bracket, a tubular hub projecting laterally from the flange and forming an extension of said passage, said hub being seated in the aperture of one of the hinge brackets, a pair of laterally spaced hinge lugs carried by the other of said elements and projecting one on the outer side of each of said hinge brackets, a hinge pin secured to one of said spaced hinge lugs journalled for rotation in said tubular hinge sleeve, and having one end seated



in the aperture of the other of said hinge brackets, a pair of spaced anchoring bolts extending loosely through said bowl adjacent said spaced bearing brackets, said anchoring bolts being equipped with head acting portions, one of which frictionally engages the hinge sleeve, and the other of which frictionally engages the hinge pin, and means on the opposite end of said anchoring bolts for yieldingly biasing the bolts in a direction to cause frictional braking engagement between said hinge pin and hinge sleeve and its respective bearing seat.

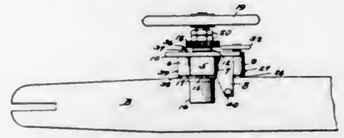
2,450,210
STRING DEPRESSOR FOR STRINGED MUSICAL INSTRUMENTS
Howard L. Sprague, New York, N. Y.
Application March 16, 1946, Serial No. 654,896
1 Claim. (Cl. 84—315)



A string depressor for a stringed musical instrument comprising a hollow rectangular box adapted to be mounted on the finger board of an instrument of the lute type adjacent the head thereof, the wall of the box remote from the instrument having spaced apertures extending therethrough, the wall of the box adjacent the instrument having spaced parallel slots therein which lie perpendicular to the longitudinal axis of the box, a stop within the box aligning with each aperture, fingers on the stops extending through the slots, a push-button fixed to each stop and projecting from its respective stop through an aperture in a direction opposite that in which the fingers project and compression coiled springs, each bearing at one end on a stop and at its opposite end on the inner face of the wall of the box adjacent the instrument to hold the fingers out of contact with the strings of the instrument.

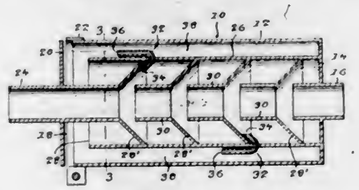
2,450,211
CHAIN-SAW BAR CONDITIONER
Albert F. Stone and Ernest A. Hayden, Callahan, Calif.
Application January 31, 1947, Serial No. 725,696
8 Claims. (Cl. 153—28)

1. A conditioner for chain-saw bars, comprising a block, an eccentric bushing mounted for rotation in the block, a lever fixedly connected to the eccentric bushing, means for holding the lever in positions of laterally swingable adjustment, a shaft rotatable in the eccentric bushing, a second shaft rotatable in the block, flared rollers on the shafts, said rollers being spaced to receive, for passage between the flared portions thereof, a chain-saw bar, means for simul-



taneously rotating the shafts in opposite directions, adjustable plugs carried by the block at opposed sides of the rollers and in a common plane with said bar, and means adapted to adjust said plugs against the bar simultaneously and in equal amounts, whereby to engage the bar and maintain it in predetermined positions of adjustment in relation to the rollers while being passed therebetween.

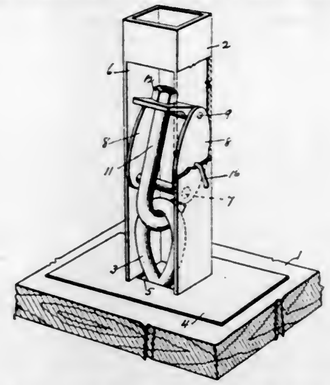
2,450,212
MUFFLER
Joseph J. Thomas, Los Angeles, Calif.
Application February 12, 1946, Serial No. 647,033
4 Claims. (Cl. 181—43)



1. A device of the character described comprising a housing; a tubular shell fixed to and extending longitudinally of said housing interiorly thereof; the shell being spaced from the housing to provide an air space therebetween; apertured injection cones arranged in spaced relation with one another and secured to the shell interiorly thereof; means for discharging exhaust gases into the interior of the shell for flow through said cones; air ducts having their outlet ends discharging into the interior of the shell; the ducts extending outwardly of said shell and having their inlet ends disposed between said shell and said housing; and means for admitting air between said shell and housing for flow of the air through said ducts to the interior of said shell for entraining into the stream of exhaust gases flowing through said cones.

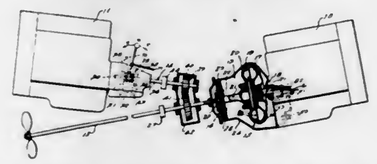
2,450,213
SEAT ANCHORING DEVICE
Robert S. Turner, Oklahoma City, Okla.
Application October 30, 1944, Serial No. 561,133
6 Claims. (Cl. 45—137)

1. The combination with a floor member having an upwardly projecting eye, and with a hollow leg seated over said eye, of: parallel members pivoted at their similar ends to the leg; a crank member pivoted between the opposite ends of said members; and a hook engaging said eye and having the end of its shank engaged with said crank, said crank adapted to swing with the parallel members, and to carry said shank end



beyond the pivot point of said members to said leg.

2,450,214
DUAL DRIVE MECHANISM
Marsden Ware, Huntington Woods, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application March 27, 1944, Serial No. 528,211
5 Claims. (Cl. 74—389)

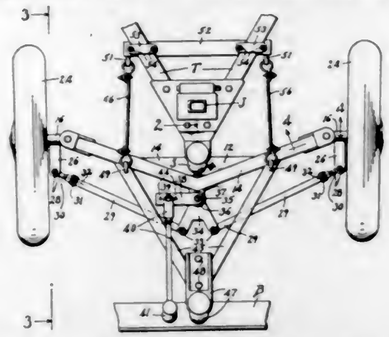


1. In drive mechanism, a driven shaft, a pair of drive shafts, a transmission mechanism for connecting one of the drive shafts to selectively rotate the driven shaft in forward or reverse drive, another transmission mechanism for connecting the other drive shaft to rotate the driven shaft including a fluid clutch, shift means operable to select the drive through the first mentioned transmission mechanism, means for feeding fluid to the clutch, and means controlled by said shift means to effect diversion of fluid from the clutch when the first mentioned transmission mechanism is conditioned for reverse drive.

2,450,215
DOLLY FOR TRAILERS AND THE LIKE
William A. Wilson, Glendale, Calif.
Application July 27, 1946, Serial No. 686,773
6 Claims. (Cl. 280—33.55)

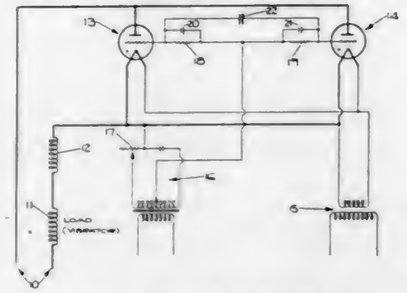
1. In a dolly for effecting a load supporting and draft connection between a towing vehicle and a vehicle to be towed, an axle, posts fixed to said axle, sleeves vertically movably and turnably supported on said posts, spindles carried by said sleeves, wheels mounted on said spindles, spring means yieldably resisting relative vertical movement of said posts and sleeves, means connected with said axle affording draft connections with the towing and towed vehicles in such manner that the weight of the forward end of the towed vehicle is supported by said wheels through said spring means, and steering gear associated

with said axle, sleeves and spindles, including means affording connection with said towing ve-



hicle whereby said wheels will track with the steering of said towing vehicle.

2,450,216
ELECTRIC CONTROL CIRCUIT
Harold W. Ainsworth, Galloway, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application May 21, 1946, Serial No. 671,152
4 Claims. (Cl. 175—363)



1. An electrical circuit including a source of alternating current, a load, a pair of gaseous electron grid controlled discharge tubes connected in parallel to pass half-wave current impulses to said load, means operable to produce substantially equal distribution of the current through said tubes by causing them to be alternately conductive and non-conductive whereby the load is substantially equally divided between them, said means including a condenser connecting the grids of said tubes together, and potential dividing circuit means for the grid circuits of said tubes.

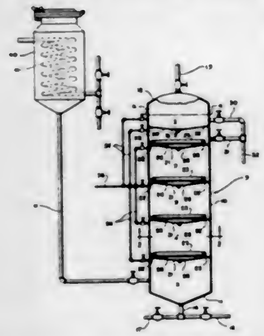
2,450,217
TEAT DRAINING TUBE
Harvey A. Alcorn, Adair, Iowa
Application November 16, 1944, Serial No. 563,773
1 Claim. (Cl. 128—350)

A teat draining member for cows and the like comprising, an elongated rod-like member adapted to be inserted and retained in a teat milk duct, said member having one end tapered to a blunt point and provided with an enlarged head on the other end, a plurality of open channels extending in spiral convolutions throughout the length of said member to permit the free flow of milk through said duct completely outside said member and in contact with the wall of the duct, said channels being substantially of semi-elliptical concave cross section with their aggregate area being substantially equal to the exposed surface



area of said member, and those edges defining the juncture of said channels with the outer surface of said member being rounded and undercut substantially as described.

2,450,218
APPARATUS FOR CONTINUOUS FERMENTATION
Francisco Alzola Victorero, Cardenas, Cuba
Application September 5, 1946, Serial No. 694,990
In Cuba December 21, 1945
4 Claims. (Cl. 195—144)



1. A fermenting apparatus for gas-evolving worts, comprising a fermenting vessel, partitions dividing the vessel into a succession of superimposed fermentation compartments, each partition having an aperture for permitting restricted upward movement of wort from the inferior compartment to the superior compartment, conduits for supplying fresh wort to a lower compartment and for withdrawing fermented wort from an upper compartment and means on each partition spaced from the aperture for collecting evolved gas and discharging it in regulated amounts into the superior compartment.

2,450,219
TEXTURE-STABLE LITHIUM BASE GREASE
Harry V. Ashburn, Glenham, and Oney P. Puryear, Fishkill, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application April 10, 1945,
Serial No. 587,622
3 Claims. (Cl. 252—41)

1. A method of preparing at temperatures attainable in a steam-jacketed kettle a texture-stable gel-type grease consisting of lithium soap as the entire soap content thereof, said lithium base grease being resistant to substantial lowering in consistency when subjected to high shearing stresses of the character herein described, as well as being resistant to substantial hardening after being subjected to said high shearing stresses, which comprises saponifying with a basic lithium compound at a temperature of about 170–200° F. of a blend of a major proportion of a soap-forming essentially saturated hydroxy fatty acid glyceride and a minor but substantial proportion of a soap-forming saturated fatty acid, the latter being sufficient in amount to prevent any material increase in consistency due to high shearing stress of the final grease product referred to hereinbelow, as determined by a decrease of not more than a few points in the miniature pentration values obtained before and after subjecting the said grease to the described dynamic shear test, then heating the resulting saponified reaction product above about 270° F. but not substantially above 300° F. for a period of time to dehydrate the product and render the same translucent, then reducing the heat and adding an oleaginous vehicle to the dehydrated product as the latter cools to at least about 200° F. and the desired consistency is obtained, and finally drawing the resultant mix to obtain a glossy buttery homogeneous gel-type grease as a final product.

2,450,220
TEXTURE-STABLE LITHIUM BASE GREASE
Harry V. Ashburn, Glenham, and Oney P. Puryear, Fishkill, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application May 3, 1945,
Serial No. 591,842
2 Claims. (Cl. 252—41)

1. A method of preparing at temperatures attainable in a steam-jacketed kettle, a texture-stable and water-resistant gel-type grease consisting of lithium soap as the entire soap content thereof, said lithium base grease being resistant to substantial softening and also resistant to substantial hardening when subjected to high shearing stresses of the character herein described, which comprises saponifying with a basic lithium compound at a mildly elevated temperature a blend consisting of 35–50% by weight of a soap-forming hydroxy fatty acid, and 65–50% by weight of a soap-forming saturated fatty acid, then heating the resulting saponified reaction product to a higher temperature not substantially exceeding about 310° F. to dehydrate the same, thereafter lowering the temperature and adding an oleaginous vehicle as the product cools and until the desired consistency is obtained, and finally drawing the resulting mix to obtain the texture-stable and water-resistant gel-type grease as a final product.

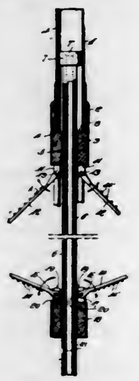
2,450,221
SHEAR-RESISTANT GREASE
Harry V. Ashburn, Glenham, Robert S. Barnett, Beacon, and Oney P. Puryear, Fishkill, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application August 21, 1945,
Serial No. 611,908
8 Claims. (Cl. 252—41)

1. A lubricating grease composition comprising as the essential and at least major portion of the lubricating base a high molecular weight high boiling liquid aliphatic dicarboxylic acid ester within the lubricating oil viscosity range and possessing lubricating properties, and sufficient metal soap of a soap-forming fatty material selected from the group consisting of hydroxy fatty acids and hydroxy fatty acid glycerides to thicken said lubricating base, said grease composition being texture-stable under high shearing stress.

2,450,222
SHEAR-RESISTANT GREASES
Harry V. Ashburn, Glenham, Robert S. Barnett, Beacon, and Oney P. Puryear, Fishkill, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application September 7, 1945,
Serial No. 615,074
8 Claims. (Cl. 252—42.1)

1. A lubricating grease composition comprising as the essential and at least major proportion of the lubricating base an oil-soluble high molecular weight high-boiling liquid aliphatic dicarboxylic acid ester within the lubricating viscosity range and possessing lubricating properties, and sufficient lithium soap of soap-forming fatty material to thicken said lubricant base, said soap-forming fatty material consisting of more than 50% by weight of a hydroxy soap-forming fatty material selected from the group consisting of hydroxy fatty acids and hydroxy fatty acid glycerides, said grease composition being texture-stable under high shearing stress.

2,450,223
WELL REAMING APPARATUS
William R. Barbour, Atlanta, Ga.
Application November 25, 1944, Serial No. 565,121
13 Claims. (Cl. 255—76)



1. A well reaming apparatus comprising a rotary drive member, a reamer shaft, a reaming assembly slidably mounted on and adapted to rotate with said shaft comprising upper and lower collars, an articulated cutting arm hinged intermediate its length and having its ends attached, respectively, to the upper and lower collars, said arm having collapsed and expanded positions, co-acting means between the lower end of the arm and shaft to prevent downward movement of said assembly, said means including a cam element on said arm normally projecting into a seat formed in said shaft releasable when said arm has substantially reached its predetermined expanded position, and means including a stationary member for rotatably supporting the lower end of said shaft.

2,450,224
METHOD OF PREPARATION OF BARIUM SOAP GREASES

Eric A. Bergmann, Fishkill, N. Y., Harry V. Ashburn, Waynesburg, Pa., and George W. Eckert, Glenham, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

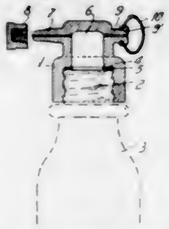
No Drawing. Application December 6, 1946, Serial No. 714,640
7 Claims. (Cl. 252—39)

1. A method of preparing a normal barium soap grease composition which comprises saponifying a soap-forming fatty acid with not more than the stoichiometric equivalent of barium hydrate in the presence of a mineral oil possessing a VGC of at least 0.870 to produce a saponification product of normal barium soap, dehydrating the saponification product at temperatures not in excess of the melting point of the soap base, cooling the dehydrated product with continuous stirring to a temperature below the critical transition temperature of the grease base without reducing the concentration of the soap component to substantially below 40%, thereafter adding mineral lubricating oil to obtain the desired consistency and drawing the resulting grease composition.

2,450,225
DROPPER

Cayetano Bernabó, Buenos Aires, Argentina

Application August 13, 1946, Serial No. 690,169
In Argentina April 24, 1946
3 Claims. (Cl. 222—209)

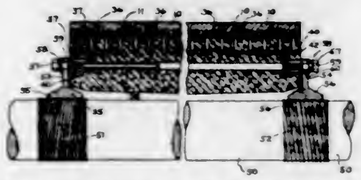


1. A dropper, comprising a head adapted to be fitted to a container and provided at one side with an outlet for the drops and, at the other side, with a duct, an air compressing element communicating with said duct, and the upper portion of said head housing a chamber communicating, at one side, with the duct of the air compressing element and, at the other side, with the drop outlet.

2,450,226
PULPSTONE

Hugo W. H. Beth, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application May 18, 1946, Serial No. 670,663
2 Claims. (Cl. 51—206.4)

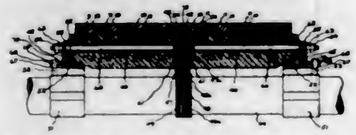


1. A pulpstone comprising a plurality of blocks of bonded abrasive material arranged to form a hollow cylinder, a concrete core inside of said cylinder, means securing said blocks to said concrete core, a plurality of rods parallel to the axis of the cylinder embedded in the concrete core at equal distances from the axis of the core, screw threads on the outside of each of said rods at the ends thereof, and heavy metal lugs having tapped holes at each end screwed upon said rods at each end and said lugs being embedded in the concrete core just inside the end faces thereof, the outer tapped holes of the lugs being uncovered whereby bolts may be screwed into the lugs to hold and drive the pulpstone.

2,450,227
PULPSTONE

Hugo W. H. Beth, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application May 18, 1946, Serial No. 670,664
5 Claims. (Cl. 51—206.4)

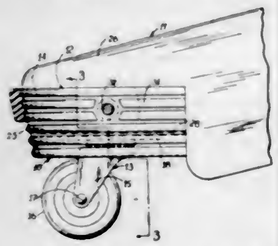


1. A pulpstone comprising a plurality of blocks of bonded abrasive material arranged to form a hollow cylinder, a hollow concrete center inside said cylinder and supporting it, bolts embedded in said blocks and in said center attaching said blocks to said concrete center, a second plurality of blocks of bonded abrasive material similarly arranged, a second concrete center supporting said second plurality of blocks, bolts embedded in said second plurality of blocks and in said second center attaching said second plurality of blocks to said second center, said centers being dished out annularly, and pipes extending parallel to the axis of said centers and embedded in said concrete, whereby each of the concrete centers can be attached to flanges by bolts through the pipes, one flange of each center being in the dished out annular portion and the other flange of each center being opposite it.

2,450,228
CASTER UNIT

Lawrence E. Blazey, Bay Village, Ohio, assignor, by mesne assignments, to Office Furniture & Fixtures, Inc., Washington, D. C., a corporation of Delaware

Application September 17, 1945, Serial No. 616,898
2 Claims. (Cl. 16—29)

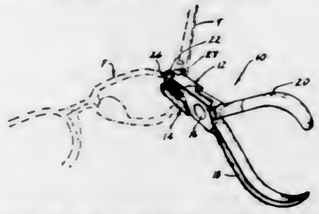


1. In combination with a caster unit, a laterally elongated generally U-shaped metal shell open at the top and at one end thereof and provided with side walls adapted to laterally receive therebetween a portion of a wooden chair leg or the like, said side walls depending below the leg receiving portion of said shell, a bottom wall extending transversely of said shell at a point above the lower edges of said side walls a downwardly extending flange on said bottom wall and attached to said side walls whereby a caster member may be attached to said bottom wall and carried by said shell.

2,450,229
OPHTHALMOLOGIST'S TOOL

Herman August Blohm, Washington, D. C.

Application July 11, 1945, Serial No. 604,368
4 Claims. (Cl. 81—3.6)



1. A tool of the character described comprising a pair of pliers having companion gripping jaws pivotally connected to each other, one of said jaws having an outer end portion which is narrower than the outer end portion of the companion jaw, said first mentioned end portion being offset laterally inwardly of at least one side of the end portion of the companion jaw, said jaws having companion confronting grooves in their confronting surfaces disposed longitudinally inwardly of said end portions of the jaws and extending transversely of said jaws, said one of the jaws having a portion which is wider than said end portion thereof and, said last mentioned portion being provided with one of said grooves, said grooves having open ends at the adjacent sides of the jaws, said grooves increasing gradually in width from the longitudinal median line of the pliers to said open ends of the grooves.

2,450,230
GRINDING WHEEL CHUCK

Alonzo Oakleigh Bush, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application March 16, 1946, Serial No. 654,945
1 Claim. (Cl. 51—209)

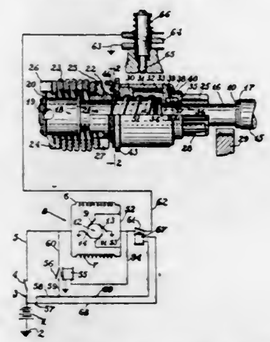


A chuck for holding hollow cylindrical grinding wheels comprising a disc shaped plate, a lip on the periphery of and integral with said plate, a portion of said plate inside of said lip constituting a seat, a continuous resilient ring made of deformable rubber like material of a diameter and having a surface to fit said seat inside of said lip, a continuous rigid clamping ring having a portion overlying said lip with screw holes therethrough and said clamping ring having another portion overlying said resilient ring, and screws extending through said holes in said rigid clamping ring and into said lip and, when tightened, compressing said rigid clamping ring against said resilient ring which is squeezed between and by the portion of the rigid ring overlying it and the seat, thus forcing some material of the resilient ring inwardly into clamping engagement with a hollow cylindrical grinding wheel.

2,450,231
ENGINE STARTER

James E. Buxton, Elmira, N. Y., assignor to Bendix Aviation Corporation, a corporation of Delaware

Original application June 23, 1944, Serial No. 541,702. Divided and this application July 1, 1946, Serial No. 680,791
2 Claims. (Cl. 74—7)



1. In an engine starter drive, a power shaft, a screw shaft driven thereby, a nut threaded on the screw shaft, a pinion slidably journalled on the power shaft for movement into and out of engagement with a gear of an engine to be started, means including a barrel member for transmitting longitudinal movement from the nut to the pinion, means for arresting the longitudinal movement of the pinion, clutch members connected to the barrel and pinion adapted to be forced into driving engagement by the nut when the meshing movement of the pinion is arrested yielding means normally holding the clutch members disengaged, and means for limiting the separation of the clutch members, said last mentioned means serving also to transmit a frictional drag from the pinion to the barrel member.

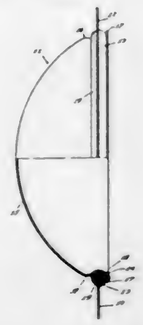
2,450,232
JOINT STRUCTURE

William J. Campbell, Indianapolis, Ind., assignor to Climax Machinery Company, Indianapolis, Ind., a corporation of Indiana

Application November 29, 1945, Serial No. 631,552
8 Claims. (Cl. 220—61)

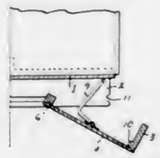
1. A joint structure comprising a first member formed with an aperture therein and a closure member adapted to close said aperture, said first member being formed with an offset flange surrounding said aperture, said closure member having a body contoured and dimensioned to pass snugly through said aperture, an outwardly-projecting perimetral flange at the rear end of said body having external dimensions exceeding the dimensions of said aperture, whereby, when said closure member body is passed through said aperture, said closure member flange will engage the flange on said first member to limit movement of said closure member in one direction, said closure member further being formed immediately forward of its flange, with a perimetral, outwardly-opening channel having a radial di-

mension less than the radial dimensions of said closure member forwardly and rearwardly of said channel, and a resilient element removably re-



ceived in said channel and engaged between said closure member body and the flange of said first member to hold said closure member against retrograde movement.

2,450,233
TILTABLE UTENSIL DRAWER
Joseph R. Cummings, Venice, Calif.
Application October 9, 1945, Serial No. 621,204
2 Claims. (Cl. 312—181)



2. A utensil container including spaced end walls, each of said end walls being provided with a longitudinal groove, a forwardly-slidable and swingable bottom mounted intermediate said end walls, a longitudinal bar carried by said bottom and having its ends extending into said grooves, and a rearwardly and downwardly bent spring pivotally connected to each of said end walls and to said bottom to thereby prevent said bottom from swinging too far when in its forwardly-advanced position.

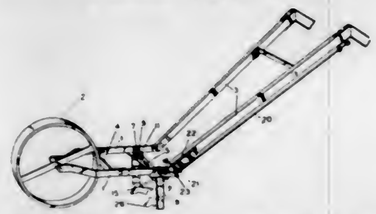
2,450,234
AUTOCONDENSATION POLYMERS OF UNSATURATED GLYCIDYL ETHERS AND METHOD OF PRODUCING SAME
Theodore W. Evans and Edward C. Shokal, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application December 7, 1943, Serial No. 513,298
8 Claims. (Cl. 260—80)

1. A process for the production of an allyl polyether of a polyglycerol having one allyloxy radical attached to each glycerol unit which comprises bringing stannic chloride into contact with allyl glycidyl ether in the presence of an organic solvent diluent under substantially anhydrous conditions.

2,450,235
FRACTIONAL SEPARATION OF FATTY OIL SUBSTANCES
William P. Gee, Plainfield, N. J., assignor to Texaco Development Corporation, New York, N. Y., a corporation of Delaware
Application April 5, 1947, Serial No. 739,541
9 Claims. (Cl. 260—428.5)

7. In the separation of solidifiable constituents from fatty substances contained in fatty oil by continuous vacuum filtration in the presence of a solvent liquid from which solidifiable constituents can be crystallized without substantial alteration in their essential state, said filtration involving forming, washing, drying on and discharging from a rotating drum filter surface a filter cake of solids in a continuous recurring cycle, the steps comprising chilling said fatty substance mixed with said solvent to a filtering temperature at which crystallization of desired solidifiable constituents occurs, forming at said filtering temperature a chilled mixture comprising a liquid phase of non-crystallized fatty constituents dissolved in solvent and a solid phase of crystallized fatty constituents, said solid phase amounting to about 2 to 6% by volume of the liquid phase at said filtering temperature, passing a stream of said mixed phases, the solid phase being uniformly dispersed throughout the liquid phase, to a continuous rotary vacuum drum filter, separating liquid phase as filtrate and forming a filter cake of solid phase, washing said filter cake in situ to displace retained liquid phase, continuously discharging filtrate from said filter, and continuously discharging washed filter cake from the filter substantially free from fatty constituents solidifying either below or above said filtering temperature.

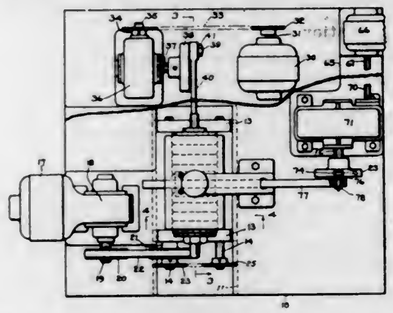
2,450,236
HAND PROPELLED WHEELED CULTIVATOR
Otto Hoffman, Portland, Oreg.
Application December 29, 1945, Serial No. 637,984
2 Claims. (Cl. 97—59)



2. A cultivator including a frame, a rockable tool carrying bar mounted in the frame, independent tool carrying members connected to the bar and responding to the pivotal movement of the bar, the bar having outstanding pins in spaced relation projecting beyond the frame, and an adjustable member mounted on the frame to be selectively engaged by either of said pins to limit the swinging movement of the bar and thereby of the tool carrying members to position the tool carrying members at a desired angle to the frame.

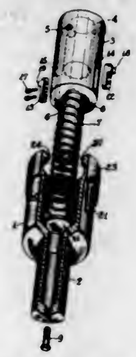
2,450,237
ABRASIVE MACHINE
Herbert S. Indge, Westboro, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application March 8, 1946, Serial No. 652,974
13 Claims. (Cl. 51—58)

8. In apparatus of the class described, a pair of rollers mounted on parallel axes adapted to rotate a work piece by frictional engagement therewith, means to rotate said rollers in the same angular direction, a partial cylindrical shell whose



axis is parallel to the axis of the rollers, and means to oscillate said shell substantially about its own axis.

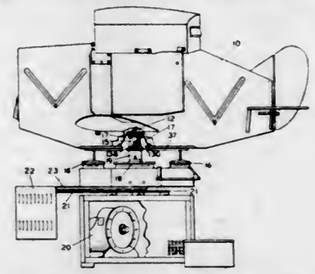
2,450,238
TAP HOLDER
Benjamin H. Jordan, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application May 15, 1944, Serial No. 535,670
3 Claims. (Cl. 10—89)



1. In a yielding threading tool holder a socket member having a cylindrical extension, a sleeve member having a bearing for receiving the cylindrical extension of the socket member and having longitudinal slots, keys fixed to the socket member having projections traversing said slots, said sleeve having a circumferential recess communicating with the ends of the slots and providing clearance for rotation of the key projections therein, and a spring in the sleeve bearing on the socket member and urging the socket member in a direction to bring the key projections into registry with the recess.

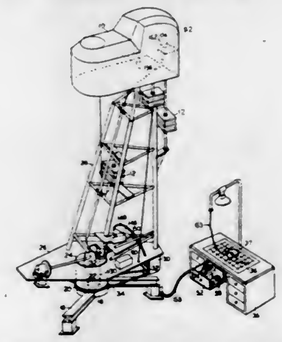
2,450,239
AVIATION TRAINER
Karl A. Kall, Montrose, Pa., assignor to Link Aviation, Inc., a corporation of New York
Application July 29, 1942, Serial No. 452,739
33 Claims. (Cl. 35—12)

29. In an airplane trainer including a turnable cockpit, and control means for turning the cockpit, the combination therewith of a pair of simulated manifold pressure gauges to indicate assumed manifold pressures, a plurality of independent means in said trainer for actuating each of said simulated gauges, a plurality of simulated throttle control levers in said trainer, one of said simulated throttles being associated with each



of said actuating means, means for causing said control means to rotate said trainer according to the relative positions of said throttles, and means for causing each of said simulated gauge actuating means to actuate its associated gauge to register in accordance with the position of its associated throttle.

2,450,240
RADIO DIRECTION FINDING MEANS FOR AVIATION TRAINERS
Karl A. Kall, Montrose, Pa., assignor to Link Aviation, Inc., Binghamton, N. Y., a corporation of New York
Original application July 30, 1943, Serial No. 496,738. Divided and this application June 19, 1944, Serial No. 540,977
2 Claims. (Cl. 35—10)



1. In a grounded navigation training system of the type including a fuselage rotatably mounted upon a stationary base and a flight simulating device remotely situated from and controlled by said fuselage and arranged to travel over a chart to indicate the assumed geographical position of the fuselage, means for simulating the operation of radio direction finding equipment carried by planes in actual flight, said means comprising, in combination, a signal source connected to a directional transmitting antenna unit, said directional transmitting antenna unit having a part movable to establish a directional field variable in accordance with the assumed bearing of said fuselage from a radio station as determined by the location of said flight simulating device upon said chart, a directional receiving antenna

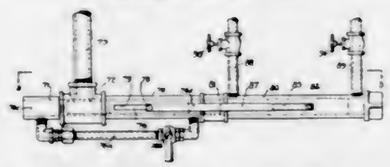
disposed in the field established by said transmitting antenna unit, signal receiving means in said fuselage connected to said directional receiving antenna, a Selsyn-type receiver located adjacent said directional receiving antenna and mechanically connected thereto for moving the same, a Selsyn-type transmitter electrically connected to said Selsyn-type receiver, means operated by the rotation of said fuselage relative to said stationary base connected to said Selsyn-type transmitter for actuating the same, means within said fuselage selectively operable by an operator and differentially combined with said means operated by the rotation of said fuselage for operating said Selsyn-type transmitter, and index means within said fuselage operable in response to an operation of said selectively operable means within said fuselage.

2,450,241
LOOM HARNESS
John Jacob Kaufmann, Elkins Park, Pa., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 15, 1946, Serial No. 669,943
8 Claims. (Cl. 139—96)



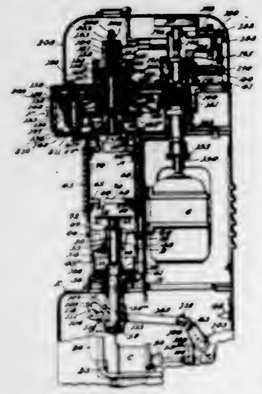
1. In loom harness, a plurality of heddles made of thin flat strips of metal each provided with means at the top and bottom for mounting the same in the heddle frames and with a warp eye intermediate the top and bottom, each alternate heddle being provided with a slight bend adjacent the warp eye, and said bend being adapted to bear against a portion of an adjacent heddle to resiliently space the heddles.

2,450,242
VALVE
William John Klod, Weehawken, N. J.
Application March 25, 1944, Serial No. 528,026
3 Claims. (Cl. 137—139)



1. A valve comprising in combination, a cylinder, a piston within said cylinder, a pressure fluid inlet formed in an outer end of said cylinder, a pressure fluid outlet extending at right angles to said inlet and constituted by an opening which is formed in a side of said cylinder and which is adapted to be closed and opened by said piston, pressure conducting means interconnecting the portions of said cylinder forward and rearward of said piston, valve means controlling said pressure conducting means, another cylinder in alinement and in direct open communication with the first mentioned cylinder and located behind the inner end thereof, means reducing the diameter of the first cylinder relative to the second said cylinders each having longitudinal slots therein, another piston in said other cylinder, wrist pins on said pistons extending through the cylinder slots, means connecting said wrist pins, and means connected with said other cylinder for introducing an actuating medium thereinto and into engagement with any one of the two end surfaces of said other piston.

2,450,243
CONTAINER SEALING MACHINE HAVING SEAMING MECHANISM ACTUATED BY FLUID PRESSURE OPERATED MEANS RESPONSIVE TO VACUUM
Alfred L. Kronquest and Matthew M. Sedwick, Syracuse, N. Y., assignors to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application September 19, 1942, Serial No. 458,990
13 Claims. (Cl. 226—82.4)

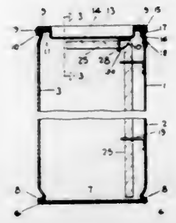


2. In a container sealing machine, a sealing chamber having an access opening; a door for said opening; seaming mechanism in said chamber including a chuck element and a container supporting element; means for drawing a vacuum in said chamber; fluid pressure operated means for moving one of said elements relatively toward the other of said elements to place a container carried on said supporting element in vacuumizing position close to but spaced from said chuck; and other fluid pressure operated means actuated by a predetermined degree of vacuum in said chamber for moving one of said elements to place said container in chucked position.

2,450,244
BEVERAGE CONTAINER AND DISPENSING DEVICE
Clarence S. Lynch, Arlington, Va.
Application September 28, 1945, Serial No. 619,209
1 Claim. (Cl. 229—7)

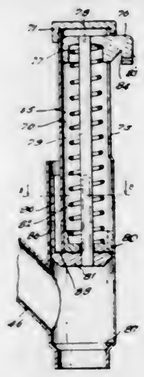
A sealed container for beverages and the like including side walls and a hingedly mounted cap

member, a drinking tube within the container of greater length than the depth of the container, brackets constructed of flexible material attached to a side wall in vertical spaced relation formed in a manner such as to frictionally engage said tube and retain it against vertical movement, the upper portion of said tube being bent into a position normal to the vertical portion of the tube



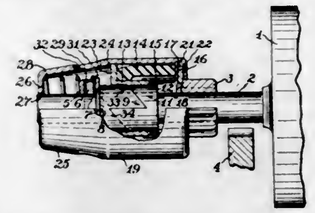
and disposed immediately beneath the surface of said cap, a bracket depending from the cap, said bracket being formed to slidably receive the bent portion of said tube whereby as the cap is moved to open position, said bent portion of the tube will be moved by the cap into a position forming a continuation of said vertical portion and providing an uninterrupted passage through said tube.

2,450,245
SANDING DEVICE FOR VEHICLES
Fred J. Mason, Syracuse, N. Y.
Application October 2, 1944, Serial No. 556,785
7 Claims. (Cl. 291—25)



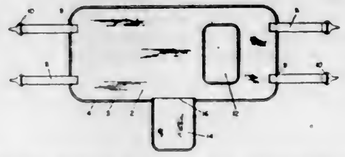
7. Road sanding equipment including a vertically disposed tubular body having a sand discharge opening at its lower end and a sand inlet port opening through its side above the discharge opening, said tubular body tapering into a valve seat adjacent its opening, a valve mounted in the tubular body to move longitudinally thereof, a fixed collar within said body to limit movement of said valve, a movable collar spaced from said fixed collar, said spacing means including resilient means connected between said collars and urging said valve upwardly away from said seat, downwardly urging means connected to said movable collar, and an arcuate flange adjacent said inlet carried by the valve to close the port when the valve is seated on the valve seat.

2,450,246
ENGINE STARTER GEARING
Donald L. Miller, Pine City, N. Y., assignor to Bendix Aviation Corporation, Elmira Heights, N. Y., a corporation of Delaware
Application June 21, 1946, Serial No. 678,343
4 Claims. (Cl. 74—9)



1. In an engine starter drive a power shaft, a pinion slidably journalled thereon, a barrel fixed at one end to the pinion and journalled at its other end on the shaft, a driving head in the barrel forming an abutment defining the operative position of the barrel and pinion, a driving cam member on the shaft connected to rotate with the driving head, a driven cam member slidably journalled on the shaft and having an inclined connection to the driving cam member, a compressible driving connection between the driven cam member and pinion and yielding means in the barrel urging the pinion toward idle position.

2,450,247
EMBALMER'S PROTECTOR
Edward R. Moore, Fargo, N. Dak.
Application September 20, 1946, Serial No. 698,309
5 Claims. (Cl. 27—21)

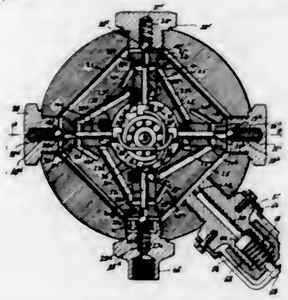


1. An embalmer's protector comprising a strip of flexible material adapted to overlie the lower regions of a subject corpse, means at opposite ends of said strip for attachment to the sides of an embalmer's table, and eccentric aperture means through said strip for providing direct access to the region of the femoral vein.

2,450,248
GREASE DISPENSING UNIT
John D. Morgan, South Orange, and Percy B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y., a corporation of Pennsylvania
Application October 7, 1944, Serial No. 557,664
11 Claims. (Cl. 222—232)

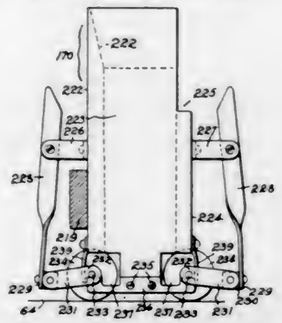
4. A pump for grease and other viscous fluids comprising a cylinder block having a centrally located reservoir for grease or the like; a plurality of oppositely disposed cylinders extending radially from said reservoir, each cylinder having a chamber at its inner end which opens into said reservoir, a bore of smaller diameter extending beyond said chamber, an inlet port to said bore, and a discharge port constituted by the outer end of said bore; a feed passage between the chamber of each cylinder and the inlet port to the bore of the next

adjacent cylinder; a discharge passage connecting all of said discharge ports; a discharge valve seated in each discharge port and controlling the flow of grease therefrom to said discharge passage; a piston disposed for reciprocation in the bore of each said cylinders; each said piston having an enlarged head at its inner end which is adapted during a part of its stroke to project into said reservoir and during a further part thereof



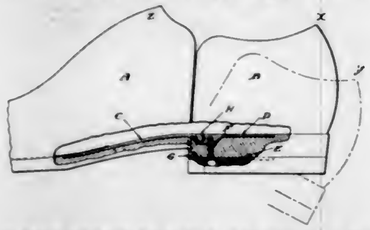
to force grease into the chamber of its cylinder and through said feed passage into the bore of the next adjacent cylinder; an eccentric mounted for rotation in said reservoir said eccentric serving to drive said pistons outwardly and also to churn grease in said reservoir; and links connecting the pistons in oppositely disposed cylinders for holding the heads of such pistons in cooperation to said eccentric.

2,450,249
AUTOMATIC PIN SETTING MACHINE
John F. Murphy, Middleboro, Mass., assignor to Murphy Automatic Pinsetter Co., Inc., Cambridge, Mass., a corporation of Massachusetts
Application April 13, 1943, Serial No. 482,852
8 Claims. (Cl. 273—43)



1. A pin setter comprising a vertically reciprocable frame having pin-receiving boxes to receive the pins in substantially vertical position, pin-supporting and releasing mechanism comprising opposed pin-engaging elements at the bottom of each box consisting of a pair of horizontal spools mounted to permit vertical and lateral displacement, means for latching them together to grip the lower tapered end of a pin, the spools on contact with the alley floor being released from said latch and permitted to roll apart along the floor to release the pin between them, and means cooperating with said mechanism on its return to raised position for returning the parts to latched position.

2,450,250
HINGED HEEL SHOE
John R. Napton, Marshall, Mo.
Application March 14, 1945, Serial No. 582,610
5 Claims. (Cl. 36—2.5)



1. A shoe having an insole, an outsole, a leather heel lift, and a rubber tread lift, said shoe being divided into front section and rear section, joined together by a hinge, the front leaf of said hinge being positioned below the insole and flush with the inner face of said outsole, the rear leaf of said hinge being positioned between the leather heel lift and the rubber tread lift, said front leaf of said hinge having a depending portion, and a pivot pin connecting said rear leaf of the hinge to said depending portion.

2,450,251
COLLECTOR FOR TEXTILE DRAFTING MECHANISMS
Joseph Noguera, Prestwich, Manchester, England, assignor to Casablancas High Draft Company Limited, Salford, Manchester, England, a British company
Application April 9, 1946, Serial No. 660,711
In Great Britain April 13, 1945
2 Claims. (Cl. 19—157)

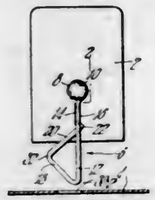


1. A collector for use in drafting mechanism for textile fibres comprising a substantially triangular base prismatic-shaped body formed with a funnel-shaped trough having an inlet in one face of said body and an outlet adjacent the line of convergence of the other two faces of said body, and rib-like projections on each end of at least one of said convergent faces, said projections being shaped to lie on the surface of a draft roller and to provide a recess therebetween which extends over substantially the width of the face on which said projections are formed, at the inlet side of said collector body, and merges into said face towards the outlet side of said collector body.

2,450,252
SECURING DEVICE
Herbert F. Oliver, West Springfield, Mass., assignor to The F. W. Sickles Company, Chicopee, Mass., a corporation of Massachusetts
Application December 4, 1944, Serial No. 566,567
4 Claims. (Cl. 248—361)

1. A device of the class described for securing

objects together comprising, a clip formed from a single length of yieldable wire to have, a portion at its upper end for securing to an object, a body portion extending therefrom, a cam portion extending upwardly in a diverging relation from the lower end of said body portion at one side thereof, an end portion extending in a diverging relation from the upper end of said cam portion



having an endmost portion disposed rearwardly of said body portion and provided with an extremity extending outwardly at an opposite side of the body portion, and across said body portion and then inwardly, said outwardly and inwardly extending portions adapted to engage said body portions to limit movements of the cam and end portions relative to the body.

2,450,253
FISHING LURE
Edwin H. Parnell, Sr., Greenville, S. C.
Application March 21, 1945, Serial No. 583,894
7 Claims. (Cl. 43—42)



1. A fishing lure comprising a body portion having a main opening, a transverse shaft, means for supporting the transverse shaft and attached to the body portion and projecting below the body portion, a turbine rotatably mounted upon the transverse shaft and including blades which are longitudinally curved in a forward direction, the upper portion of the turbine extending into the main opening, the turbine and attaching means exerting a downward pull upon the body portion for maintaining the same upright, a forwardly inclined depending resilient stabilizing vane arranged at the rear of the turbine and attached to the body portion, a hook attached to the body portion, and line attaching means secured to the body portion near its forward end.

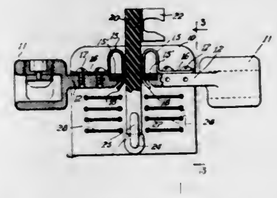
2,450,254
LITHIUM BASE GREASE AND METHOD OF PREPARING THE SAME
Oney P. Puryear, Fishkill, and Harry V. Ashburn, Glenham, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application August 10, 1944, Serial No. 548,940
2 Claims. (Cl. 252—41)

1. A method of preparing a low temperature gel-type lithium base grease containing a lithium soap of a soap-forming hydroxy fatty acid as the essential soap constituent thereof, said method enabling the use of temperatures attainable in a steam-jacketed kettle without fire hazard, which comprises saponifying with a basic lithium compound at a temperature within the range of about 170–200° F. of a soap-forming hydroxy fatty acid glyceride in the presence of a small proportion of the oleaginous vehicle included in the grease, then raising the temperature of the saponified product to about 270–330° F. to dehydrate the product and render the same translucent, thereafter reducing the temperature and adding the balance and large proportion of the oleaginous vehicle as the product cools and the desired consistency is attained, and finally drawing the resultant gel-type grease as a final product.

2,450,255
METHOD OF PREPARING LITHIUM BASE GREASES
Oney P. Puryear, Fishkill, and Harry V. Ashburn, Glenham, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application April 17, 1945, Serial No. 588,890
2 Claims. (Cl. 252—41)

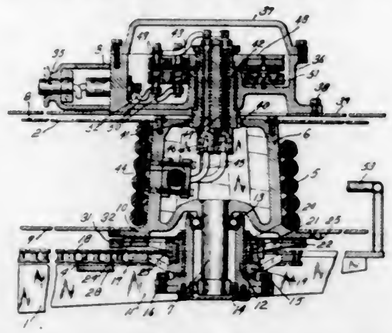
1. A method of preparing a low temperature gel-type lithium base grease containing a lithium soap of a soap-forming hydroxy fatty acid as the essential soap constituent thereof, said method enabling the use of temperatures attainable in a steam-jacketed kettle without fire hazard, which comprises saponifying with a basic lithium compound at a temperature within the range of about 170°–200° F. of a soap-forming hydroxy fatty acid in the presence of a small proportion of the oleaginous vehicle included in the grease, then raising the temperature of the saponified product to about 270–300° F. to dehydrate the product and render the same translucent, thereafter reducing the heat and adding the balance and large proportion of the oleaginous vehicle as the product cools and the desired consistency is attained, and finally drawing the resultant gel-type grease as a final product.

2,450,256
ELECTRIC SWITCH
Raymond N. Rowe, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application July 31, 1945, Serial No. 608,074
14 Claims. (Cl. 200—151)



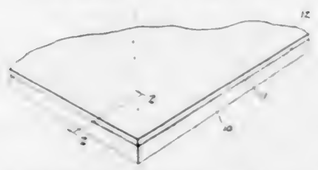
1. In an electric switch, a pair of resilient spaced contacts, an insulating carrier slidable between said contacts and having two contact rollers arranged on independent axes extending at an obtuse inclined angle with respect to each other.

2,450,257
REEL MECHANISM
Leon E. Simmons, Claremont, N. H., assignor to Joy Manufacturing Company, a corporation of Pennsylvania
Application April 20, 1944, Serial No. 531,912
7 Claims. (Cl. 191—12.2)



1. In a cable reel mechanism, a cable reel, a support on which said cable reel is journaled, a power conductor cable leading from said reel, electrical contact apparatus completely enclosed in a housing attached to said support and including relatively rotatable contacts between said reel and said second mentioned power conductor cable, and releasable connections between said reel and said contact apparatus whereby said apparatus while enclosed in its housing may be removed without disturbing said support and the mounting of said reel on its journal.

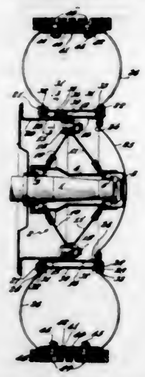
2,450,258
PLASTIC COMPOSITION AND WALLBOARD MADE THEREFROM
Max Skolnik, Chicago, Ill., assignor to Fibro-Mold Specialties, Inc., Chicago, Ill., a corporation of Illinois
Application December 22, 1945, Serial No. 636,674
8 Claims. (Cl. 106—107)



1. A moldable self-hardening plastic composition comprising rye flour mixed with one to three times its weight of powdered magnesite and with a sufficient amount of a concentrated magnesium chloride solution to form a dough-like mass.

2,450,259
AIRCRAFT WHEEL AND TIRE
Arthur M. Stanley, Lynn, Mass.
Application November 11, 1944, Serial No. 563,001
5 Claims. (Cl. 152—84)

5. A wheel comprising an annular rim having flanges along its edges to provide inner and outer circumferential recesses, a plurality of radially extending circumferentially spaced approximately U-shaped resilient spring wire members mounted on the rim so as collectively to define a toroidal shaped tire, each spring wire member having its ends anchored within said recesses, and a spreader ring circumposed about said rim and having

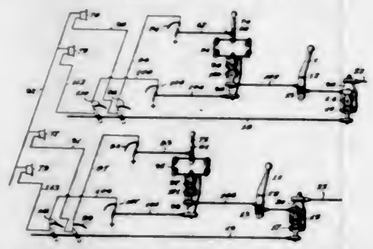


along its edges spacer lugs projecting between the ends of the loops to lock them in said recesses and hold their ends in properly spaced position.

2,450,260
TREATMENT OF FLOUR FOR CONTROLLING ITS STRENGTH
Herbert Horace Ward, Grange-over-Sands, England
No Drawing. Application April 6, 1943, Serial No. 482,011. In Great Britain May 13, 1942
1 Claim. (Cl. 99—91)

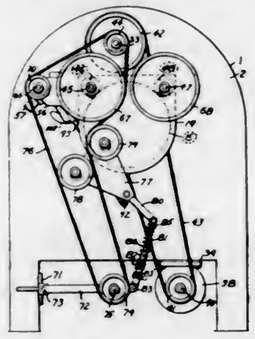
The subjection of flour to the action of SO_2 gas in the presence of steam, there being always a low concentration of SO_2 relative to the steam, the weight of SO_2 added to the flour varying from about 1 oz. per sack of 280 pounds for a strong flour to ¼ oz. for a weaker flour, and the weight of moisture added increasing the moisture content of the flour up to not more than about 0.5%, whereby a substantially instantaneous reaction between the SO_2 and flour is obtained and the SO_2 residual is immediately brought very low or made immeasurable.

2,450,261
TRAINING EQUIPMENT FOR AVIATORS
Russell L. West, Montreal, Quebec, Canada, assignor, by mesne assignments, to Link Aviation, Inc., Binghamton, N. Y., a corporation of New York
Application May 29, 1942, Serial No. 445,060
In Canada February 11, 1942
10 Claims. (Cl. 35—12)



1. An aircraft pilot trainer comprising means for simulating a plane having a motor and variable pitch propeller combination of the type in which the motor speed tends to remain constant while variations in load are compensated for by adjustment of the pitch of the propeller blades, said means including a pair of controls simulating the pitch control arm and throttle lever of a plane, a pair of gauges in the form of a simulated tachometer and simulated manifold pressure gauge adapted to record the setting of the arm and lever, one of the gauges responding only to movement of the arm simulating control and the other gauge responding to movement of either the arm simulating control or the lever simulating control or to the combined movement of both.

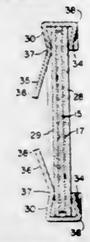
2,450,262
REVERSING DRIVE MECHANISM
Fred H. Winslow and William S. Hammond, Waco, Tex.
Application May 26, 1947, Serial No. 750,528
17 Claims. (Cl. 74—220)



1. A driving and reversing mechanism for washing machines or the like having an agitator shaft mounted on a base plate comprising, a spur gear on said shaft, a countershaft, means for rotating said countershaft constantly in one direction, a drive pulley mounted on the countershaft and rotatable therewith, a pair of short shafts, pinion gears on said short shafts adapted to engage said spur gear, main driving pulleys mounted on said short shafts in alignment with the driving pulley on the countershaft, an idler pulley pivotally mounted on said base plate in alignment with the main driving pulleys and the driving pulley on the countershaft, and a belt for said driving and idler pulleys, said belt being adapted to alternately contact said main driving pulleys.

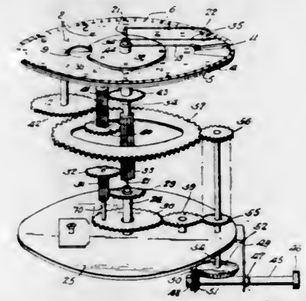
2,450,263
ELECTRIC TEMPERATURE DEVICE
Frederic E. Wise, Cleveland Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application June 28, 1944, Serial No. 542,506
8 Claims. (Cl. 201—63)

1. A resistance thermometer comprising in combination, an elongated flat mica strip having serrated edges, a relatively fine resistance wire wound about said strip in said serrations, a protecting strip of mica on each flat of said wound strip and of a width greater than the distance between the roots of the opposed serrations, a metallic enclosing framework for the three mica strips covering and overlapping the longitudinal edges thereof and providing at least one longitudinally extending outwardly turned portion which when depressed relative to the remainder of the framework operates to compress the stack of mica strips throughout a major portion of their length, and a metallic protecting casing surrounding the assembly and whose interior conforms generally to the shape of the assembly, the said framework engaging the walls of said cas-



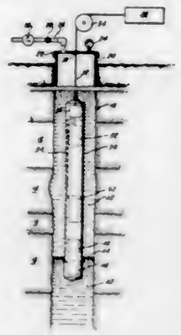
ing so that the outwardly turned portion of the framework is held depressed toward the mica strips through contact with the inner wall of said casing providing a clamping of the strips and preventing vibration through metal to metal contact with the casing.

2,450,264
CLOCK
Albert N. Woodruff, Washington, D. C.
Application October 23, 1946, Serial No. 705,136
2 Claims. (Cl. 58—43)



1. An attachment for a clock mechanism having a central driven shaft, a second hand mounted on said shaft, inner and outer sleeves arranged on the upper end of said shaft, minute and hour hands mounted on said sleeves, means for driving said shaft and sleeves, a dial having two sets of numerals thereon for indicating time on a twelve and twenty-four hour basis, an indicator disc associated with said dial whereby said hour hand will denote ante meridian and post meridian periods of time, inner and outer sleeves arranged on the lower end of said shaft, means for rotating said hands and disc, said means including a gear carried by said lower outer sleeve, a second gear carried by said lower inner sleeve, a first gear set adapted to transmit driving motion of said first gear to said second gear, a second gear set comprising a large gear and a small gear, said large gear meshing with and being rotated by said second gear, and said small gear meshing with and being adapted to rotate a third and a fourth gear, said fourth gear being carried by one of said upper sleeves and adapted to move said hour hand, the ratio of said gears being such that for every rotation of said lower outer sleeve and said first gear said second gear will make twelve revolutions and said third and fourth gears will respectively make one half and one revolutions.

2,450,265
METHOD OF LOGGING BOREHOLES
Alexander Wolf, Houston, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application April 4, 1944, Serial No. 529,454
15 Claims. (Cl. 250—83)



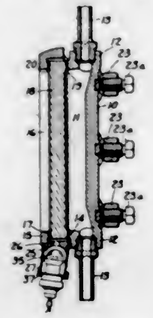
8. A method of determining the nature of substrata traversed by a bore hole containing connate liquid which comprises placing a liquid lighter than and immiscible in said connate liquid and containing a radioactive substance, in said hole, gradually increasing the pressure in the hole so as to force a portion of the radioactive liquid into the surrounding substrata to increase the radioactivity of said substrata, the interface between the connate liquid and the radioactive liquid being forced to descend with the increasing pressure, measuring the increased radioactivity of the substrata at any point a predetermined time interval after that point has been passed by the descending interface, continuously measuring the size of the hole at a point just above the descending interface, and subsequently measuring the total increase in said radioactivity after further increase has ceased.

2,450,266
METHOD OF PRODUCING LITHIUM HYDRIDE AND HYDRIDES OF OTHER ALKALI METALS
Peter P. Alexander, Beverly, Mass., assignor to Metal Hydrides Incorporated, Beverly, Mass., a corporation of Massachusetts
No Drawing. Application May 28, 1947, Serial No. 751,130
10 Claims. (Cl. 23—204)

1. The mehtod of producing hydrides of alkali metals which comprises heating the anhydrous hydroxide of an alkali metal with a reducing metal in a reaction zone in the absence of air to a temperature below the dissociation temperature of the alkali metal hydroxide about but above 300° C.

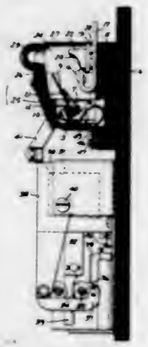
2,450,267
WATER GAUGE
Charles M. Angel and Robert A. Culbertson, Huntington, W. Va., assignors to Nathan Manufacturing Company, New York, N. Y., a corporation of New York
Application October 17, 1946, Serial No. 703,922
1 Claim. (Cl. 73—293)

In a gauge having a casing with an elongated sight opening, a frame with an elongated sight opening, an elongated glass between said casing and frame having prismatic corrugations facing the sight opening of the casing, and means to press said casing, frame and glass together; a lamp socket at one end of said frame and being an external extension thereof disposed at a slight angle with reference to the longitudinal axis of



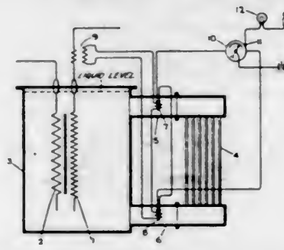
the frame, the socket having vent openings, and an electric lamp bulb within the socket adapted to project light through an opening in said frame and through the glass against the meniscus of a liquid in the gauge, whereby the meniscus will be visible in form of a brightly illuminated undulating line.

2,450,268
CIRCUIT BREAKER
Carl E. Bazley, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 30, 1945, Serial No. 613,462
1 Claim. (Cl. 200—144)



A circuit breaker comprising a supporting member made of electrically insulating material, a pair of fixed contact members electrically connected together and mounted upon said supporting member in a spaced relation, a pair of movable contact members electrically connected together and pivotally mounted in spaced relation for cooperation with said fixed contact members respectively, said movable contact members being supported upon resilient cantilever spring fingers and said fixed and movable contact members having engaging surfaces curved to provide rolling engagement and reverse rolling disengagement of said fixed and movable contact members and to effect final disengagement of said contact members always at a predetermined extremity thereof, a partition wall of electrically insulating material positioned between the cooperating pairs of fixed and movable contact members, a pair of arc deflecting members of electrically insulating material supported on opposite sides of said partition wall and each having a concave arcuate surface extending from said extremity of the associated fixed contact member away from said fixed contact member and in the direction of movement of said movable contact members, and a cover made of electrically insulating material mounted upon said supporting member and enclosing said contact members and said partition wall thereby to form separate arc extinguishing enclosures for said pairs of cooperating contact members.

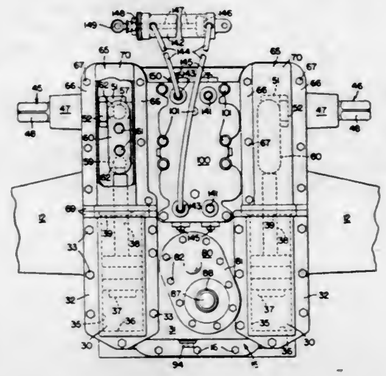
2,450,269
TEMPERATURE MEASURING SYSTEM
Armand A. Chabrol, Seine, France, assignor to General Electric Company, a corporation of New York
Application September 20, 1946, Serial No. 698,358
In France July 16, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires July 16, 1965
1 Claim. (Cl. 73—350)



In combination, a transformer tank, a transformer winding in said tank, a liquid in said tank surrounding said winding, a radiator, top and bottom passageways for said liquid between said tank and radiator, thermoelectric elements located respectively in said passageways, means for heating said elements in proportion to current carried by said winding, an electroresponsive device, and means for connecting said electroresponsive device in series with both of said thermoelectric elements.

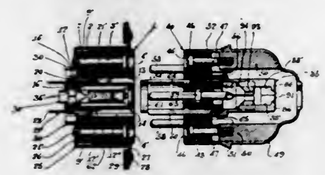
2,450,270
HYDRAULIC MECHANISM, ESPECIALLY PLURAL CYLINDER SYSTEM AND CONTROL THEREFOR
Frank T. Court, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application May 24, 1945, Serial No. 595,631
17 Claims. (Cl. 60—97)

8. Power lift mechanism comprising a casing having a cylindrical bore provided with inlet and outlet ports, there being chambers provided in either end of said casing, respectively, a piston type valve member shiftable axially within said bore to direct hydraulic fluid between said ports, selectively, poppet type check valves disposed adjacent opposite ends of said bore, respectively, and having stems engageable by said valve member for connecting said valve bore in communication with said chambers, respectively, each of said chambers having a pair of ducts connected therewith, and a 3-way valve disposed in each of said chambers and shiftable to connect either of said ducts in communication with the associated chamber and to close the other of said ducts,



selectively, and a pair of hydraulic motors connected with said pair of ducts, respectively.

2,450,271
ELECTRICAL CONNECTOR
Charles W. Dann, Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application March 7, 1945, Serial No. 581,520
4 Claims. (Cl. 173—328)



1. In an electrical connecting device for a multi-wire cable having a single wire thereof provided with metallic shielding: the combination of a socket-type connector comprising contact members for said shielding and cable wires respectively, an insulating housing carrying said contact members and exposing the same at an end of the housing, a first shield member for a single one of said contact members and electrically connected to another of said contact members, said housing having insulating means positioned about said single contact member and extending beyond the end thereof, said insulating means being arranged to provide a locating opening in said housing at said single contact member; and a plug-type connector adapted for coupling to said socket-type connector and comprising an insulating body, connector pins carried by said body and projecting from an end thereof for connection with said contact members respectively, a second shield member for the connector pin corresponding to said single contact member and projecting from said insulating body, said second shield member being engageable with said locating opening in only one angular relation of said connectors to each other and being electrically connected to the connector pin corresponding to said other contact member to cause said shield members to be positively electrically connected together when said connectors are in coupled relation to each other.

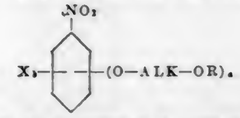
2,450,272

PLASTICIZABLE ORGANIC COMPOUNDS PLASTICIZED WITH AN ALKOXYALKYL ETHER OF A HALONITROPHENOL

George L. Doelling, St. Louis, and Kenneth H. Adams, Fenton, Mo., assignors to Mississippi Valley Research Laboratories, Inc., St. Louis, Mo., a corporation of Missouri

No Drawing. Application March 23, 1946, Serial No. 656,785
5 Claims. (Cl. 106—188)

1. A plasticized composition comprising a plasticizable organic substance and as a plasticizer therefor, a compound having the formula:



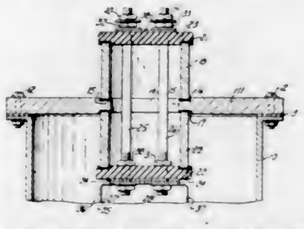
in which ALK represents a divalent aliphatic hydrocarbon radical containing not more than six carbon atoms, R represents an aliphatic hydrocarbon radical containing not more than ten carbon atoms, X represents a halogen, *a* is not more than two, *b* is an integer, and the sum of *a* plus *b* is less than six.

2,450,273

HIGH-VOLTAGE TERMINAL

William Dubilier, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J., a corporation of Delaware

Application April 13, 1946, Serial No. 662,036
4 Claims. (Cl. 174—153)



1. A terminal structure for a high frequency, high voltage apparatus enclosed in a metallic casing having an insulating wall provided with an opening, comprising a pair of cup-shaped insulating members each having a bottom portion and a cylindrical portion separate therefrom and engaging a groove of said bottom portion, said members being arranged on each side of said wall with the open ends of said cylindrical portions abutting against the opposite edge zones of said wall around said opening, a plurality of conductors passing through said opening and said bottom portions, said conductors being spaced from each other and from the edge of said opening, and means for mechanically securing said conductors to said bottom portions to hold the complete assembly together.

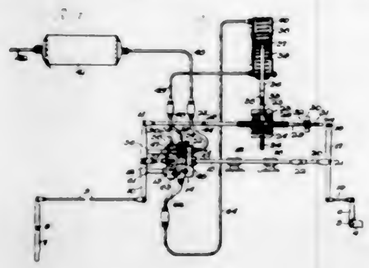
2,450,274

PRESSURE FLUID FOLLOW-UP SERVOMOTOR

Wilfred A. Eaton, Elyria, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware

Application May 12, 1944, Serial No. 535,301
17 Claims. (Cl. 121—41)

1. Control mechanism for a device to be actuated including a lever having a direct operating connection with said device, a fulcrum for said lever spaced from said connection, means for normally maintaining said fulcrum in a predetermined position regardless of the force exerted



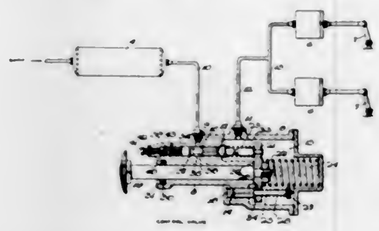
thereon by said lever, and means separate from the first means and including a power actuator controlled by movement of said lever about said fulcrum for moving said fulcrum and lever to effect power operation of said device.

2,450,275

CONTROL VALVE MECHANISM

Wilfred A. Eaton, Elyria, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware

Application May 18, 1945, Serial No. 594,514
16 Claims. (Cl. 303—54)



1. Self-lapping fluid pressure control valve mechanism including a casing having an inlet chamber, an outlet chamber, an exhaust port in the outlet chamber, an inlet valve for preventing communication between the inlet and outlet chambers and adapted to be moved to open position by the pressure in the inlet chamber, an exhaust valve adapted to close the exhaust port and adapted to be moved to open position by the pressure in the outlet chamber, a valve operating element having a release position and movable to other positions, resilient means for normally maintaining said element in release position, inlet and exhaust valve springs in the outlet chamber adapted to respectively bias the inlet and exhaust valves toward closed position, and a beam having its central portion connected to said element and having oppositely extending arms arranged in a common plane and bearing against said last named springs, whereby on movement of the element from release position the biasing action of the inlet valve spring is decreased in proportion to the degree of movement of the element and the biasing action of the exhaust valve spring is proportionately increased.

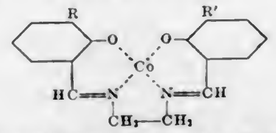
2,450,276

PROCESS FOR PRODUCTION OF OXYGEN

Benjamin B. Fogler and Leroy F. Marek, Lexington, Mass., assignors to Arthur D. Little, Inc., Cambridge, Mass., a corporation of Massachusetts

No Drawing. Application July 7, 1944, Serial No. 543,970
3 Claims. (Cl. 23—221)

1. The process of separating oxygen from air by means of a chelate compound having the formula



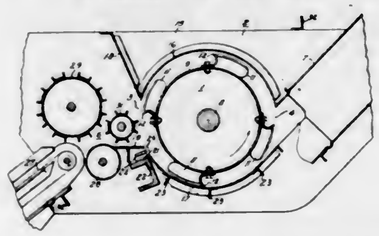
wherein R and R' are the same and are selected from the group consisting of —H, —OCH_3, —OC_2H_5, and —F which comprises providing a mass of said chelate compound, introducing air into said mass, withdrawing heat from said mass to cause it to absorb oxygen from the air, and discontinuing absorption when from 50% to 65% of the capacity of the chelate compound to absorb oxygen has been satisfied, heating said mass to cause it to release oxygen, and discontinuing desorption when the oxygen content of the compound is from 10% to 20% of saturation capacity.

2,450,277

FORAGE CUTTING APPARATUS, INCLUDING A ROTOR HAVING POCKETED BLADES

Conrad E. Frudden, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application October 1, 1945, Serial No. 619,633
9 Claims. (Cl. 146—120)



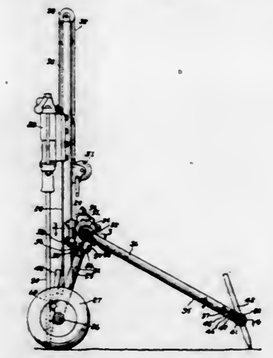
1. A forage severing and conveying apparatus comprising a shaft, a plurality of peripherally flanged disks mounted on said shaft in concentric relation thereto, one or more trough-shaped blades secured to peripheral flange portions of said disks and extending generally longitudinally of the shaft axis with the concave material confining surfaces of said blades facing in the general direction of blade travel, said blades each having its outer edge portion externally beveled and sharpened to present a knife-like cutting edge which also faces in the general direction of blade travel, a casing structure surrounding the outer edges of said blades and having therein a pair of circumferentially spaced material receiving and discharging openings, and a shear bar mounted for severing coaction with the outer edge portions of said blades, said casing structure having an arcuate section extending from said shear bar to the adjacent side of said material discharging opening and contiguously coacting with the outer edges of said blades to prevent severed material from passing between said arcuate casing section and the opposed cutting edges of said blades thereby maintaining much of the severed material within the troughs of said blades as it is conveyed by said blades to said discharge opening.

2,450,278

MOUNTING FOR ROCK DRILLS

George H. Fuehrer, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y., a corporation of New Jersey

Application December 28, 1944, Serial No. 570,094
1 Claim. (Cl. 255—51)



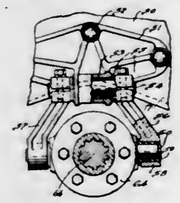
In a mounting for rock drills, a horizontal bar to support a rock drilling mechanism, legs integral with the bar, wheels on the legs, a brace for the bar having a pair of arms, coniform surfaces on the arms and on the ends of the bar cooperating with each other to form pivotal connections between the bar and the brace to permit of angular adjustment of the brace relatively to the bar, clamp means on the brace adjustable with respect to the brace and to the legs, a projection on the clamp means to extend into the path of movement of and engage one of the legs to limit the degree of angular movement of the brace with respect to the bar, a bolt extending through the bar and through the ends of the arms, and a nut on an end of the bolt to engage one of the arms for forcing the coniform surfaces of the arms and the bar into braking and locking engagement with each other.

2,450,279

RESILIENT SHAFT HANGER

Frederick M. Guy, Detroit, Mich., assignor, by mesne assignments, to U. S. Universal Joints Company, a corporation of Michigan

Application March 12, 1943, Serial No. 478,899
4 Claims. (Cl. 308—28)



1. A resilient shaft hanger comprising a bracket secured to a supporting member, a pre-loaded rubber bushing carried by said bracket and en-

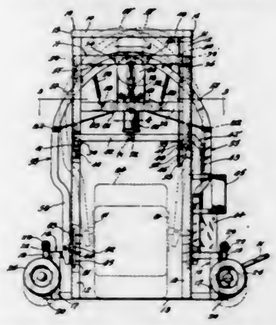
gaging a stud having end portions extending outwardly from the ends of said bushing, a depending arm detachably secured to each end of said stud, a housing, a shaft journaling bearing carried in said housing, a pair of outwardly extending studs secured to said housing each of said studs being journalled in a pre-loaded rubber bushing carried in the depending end of each of said arms.

2,450,280
METHOD OF MAKING METAL SPONGES
Albert J. Homon, Chicopee, Mass., assignor to Springfield Wire & Tinsel Co., West Springfield, Mass., a corporation of Massachusetts
Application January 8, 1945, Serial No. 571,901
4 Claims. (Cl. 140—71)



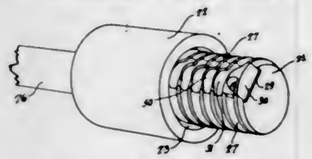
1. A method of making a metal sponge which comprises forming a continuous right handed helix and a continuous left handed helix, winding said strands under tension upon a rotating support, continuously traversing said strands back and forth along the support so that the strands continuously cross over those previously wound, and releasing the mass from the support.

2,450,281
POWER LIFT MATERIAL WEIGHING MACHINE
Perry D. Hudson, Corpus Christi, Tex.
Application March 13, 1946, Serial No. 654,073
12 Claims. (Cl. 265—52)



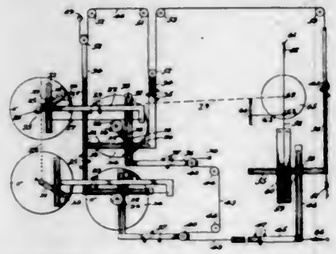
9. Weighing mechanism of the character stated, comprising a structure formed to provide a vertical guide, a vertically movable structure disposed within the guide, weight computing mechanism including a scale beam supported upon the guide structure for vertical oscillation, said beam being disposed beneath the vertically movable structure, a pair of relatively long arms extending vertically at opposite sides of the structures, each of said arms curving upwardly and inwardly at its upper end, a pivotal coupling between the upper end of each arm and the vertically movable structure by which the lower ends of the arms may swing inwardly and outwardly, means normally urging the arms to swing outwardly at their lower ends, a power unit supported upon said scale beam and including a vertically movable element, guide elements carried by the vertically movable structure at opposite sides of the power unit, and a flexible connection between the arms and the vertically movable element of the power unit, the flexible connection passing beneath the guide elements whereby upon vertical movement of the power unit element the arms will be swung together and the arms and vertically movable structure will be moved upwardly.

2,450,282
ANTIFRICTION SCREW AND NUT ACTUATOR
George W. Jackson, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 18, 1946, Serial No. 684,588
13 Claims. (Cl. 74—459)



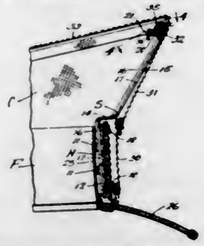
1. A load moving device comprising in combination two members rotatable and longitudinally movable relatively to each other, one member surrounding the other; means for rotating one of said members; cooperating formations on both members for enabling rotation of the rotatable member to cause the other member to move longitudinally relatively to the rotated member, said formations comprising an endless, part helical, part diverging single turn furrow on one of said members and a helical, multi-turn groove on the other of said members; a plurality of bearing elements in the channel formed by the single turn groove and coinciding portion of the multi-turn groove, providing the only means mechanically connecting the two members; and means provided at the sides of the single turn furrow, said means being shaped to enter and provide a barrier movable through the multi-turn groove, whereby the bearing elements are shunted from the helical channel and directed through the diverging portion of the single turn furrow and prevented from wedging into portions of the multi-turn groove.

2,450,283
ANTENNA PATTERN TRACER
Martin L. Jones, Baltimore, Md.
Application July 21, 1945, Serial No. 606,409
4 Claims. (Cl. 235—61)



1. An apparatus for determining the pattern or field intensity of an array of a plurality of antennas, in which one of said antennas is a reference antenna, said apparatus comprising a pair of rotatable arms for each of the other antennas, the first of said arms carrying a slider movable longitudinally thereof and adjustable to a position corresponding to degrees of spacing of its antenna from the reference antenna, the second of said arms carrying an element movable therealong for an adjustment to a position corresponding to the current of the corresponding antenna, means interposed between said first and second arms for transmitting the rotation of the first to the second in a cosine ratio, a pair of intersecting bars associated with each of said second arms and movable with the said element when the arm is rotated, whereby the movement of one of said bars constitutes the horizontal component and the the other the vertical component of the movement of said second arm, a pair of intersecting summation bars, means mechanically connecting said summation bars with the first-named bars, whereby one of said summation bars moves a distance equal to the algebraic sum of the horizontal components of the movement of all said second arms and the other of said summation bars moves a distance equal to the algebraic sum of their vertical components, a slider carried by said summation bars at the point of intersection, and means for rotating said first arms in unison, the distance between the last-named slider and a fixed point thereby being made to correspond to the variations of the field intensity of the antenna array.

2,450,284
UNIFORM CAP
Benjamin Lev, Chicago, Ill.
Application November 29, 1946, Serial No. 712,824
4 Claims. (Cl. 2—195)



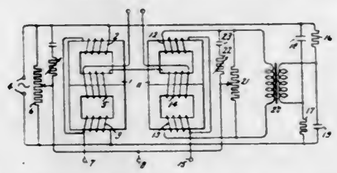
1. In a uniform cap, the combination of a frame, a cover fitted to the frame and freely removable therefrom, the cover comprising a tip and side and a welt at the inside juncture thereof, a fitting fixedly secured to the welt at the front, and a front support extending upwardly from the frame in detachable connection therewith and in removable supporting connection with the welt fitting whereby to support the cover at that point.

2,450,285
GLIDER SLED
Oscar J. Lidberg, Hibbing, Minn.
Application October 25, 1946, Serial No. 705,655
1 Claim. (Cl. 280—18)



A sled comprising a plurality of elongated slats, each of tapered construction from its medial portion outward, said slats being disposed in edge to edge relation, cleats securing the ends of the slats in said edge to edge relation, said slats having elongated medial portions of their abutting edges beveled to provide grooves at the bottom medial portion of said sled, while the end portions of the bottom side are smooth.

2,450,286
SECOND HARMONIC NONLINEAR AMPLIFIER
Orrin W. Livingston, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application May 7, 1948, Serial No. 25,563
7 Claims. (Cl. 172—281)

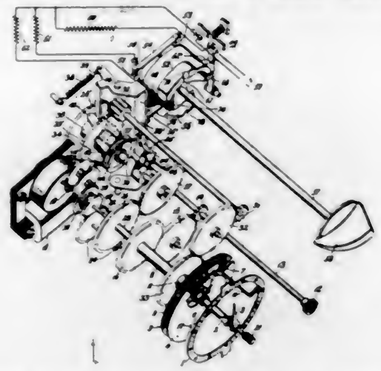


1. In a second harmonic non-linear amplifier, the combination of alternating current supply connections, a saturable magnetic core, a reactor winding and at least one signal winding upon said core, said reactor winding comprising two series-connected similar sections and being connected directly to the alternating current supply connections, said signal winding being so disposed relative to the reactor winding that magnetic flux produced by direct current in the signal winding flows in opposite directions through respective sections of the reactor winding, an impedance element connected in parallel with said reactor winding, and output connections respectively connected to a point in the circuit between the two sections of the reactor winding and to a tap substantially at the center of said impedance element, so that substantially no fundamental frequency component of voltage appears between said output connections.

2,450,287
RANGE TIMER
John R. Macintyre, South Peabody, Mass., assignor to General Electric Company, a corporation of New York
Application March 15, 1946, Serial No. 654,567
9 Claims. (Cl. 161—1)

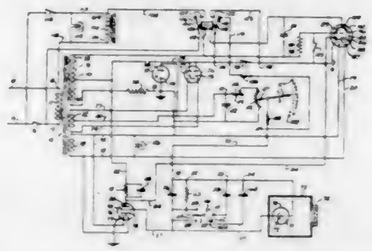
1. A time switch comprising a clock, an automatic switch operating release mechanism of the cockable type, including a pivoted cam follower lever adapted to swing in a fixed plane about its pivot, spring means for driving said lever about its pivot in one direction, clock controlled means for delaying the driving action of said spring on said lever and releasing such action in two distinct steps whereby the lever is driven by said spring in two distinct steps, said clock controlled releasing means being adjustable with respect to the times of said releasing operations, a switch adapted to be operated between two positions in response to said two releasing operations, a master cam interposed between said lever and said switch, said master cam being rotatively mounted in a fixed axial position about a given axis and having a cam surface cooperating with said lever and a cam surface cooperating with said switch such that starting with the cam in a given rotary position the clock controlled step

operations of said lever turn the cam in a given direction in corresponding distinct steps and the switch is operated to and from a given position respectively by such rotative steps, means for manually rotating said cam in either direction



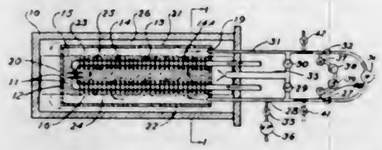
to said given position from any other position, said manual operation causing the cam to swing said lever in the direction to tension said spring means and to perform a cocking action on said releasing mechanism if not in a cocked condition.

2,450,288
PHOTOELECTRIC EXPOSURE METER
George Maisch, Sea Cliff, N. Y., assignor to Powers Photo Engraving Company, Glen Cove, N. Y., a corporation of New York
Application April 19, 1947, Serial No. 742,543
19 Claims. (Cl. 250—41.5)



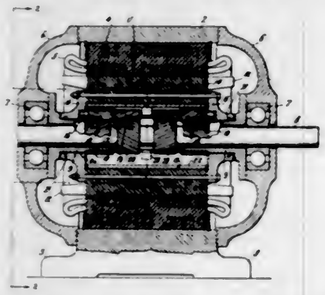
1. In a system of the character described, a photoelectric cell having cathode and anode and exposed to light during an operating cycle, a condenser connected across said cell, a vacuum tube having at least cathode, control grid and anode, an output circuit including a load connected to the tube cathode and anode, a connection between the grid and cell cathode, two sources of potential at least one of which is a source of constant potential, connections from the tube cathode to the negative terminal of said one constant potential source and to one terminal of the second potential source respectively, means including switching means having normal and off-normal positions for impressing selectively the potential of the remaining terminal of each potential source upon the cell anode, said switching means in the normal position providing a circuit for charging said condenser with grid current furnished by said second potential source, said switching means in the off-normal position during an operating cycle providing a circuit for clamping the cell anode potential to the positive terminal of said constant potential source while the cell discharges the condenser during the operating cycle, said clamping potential being above grid cut-off whereby said tube is cut-off during the operating cycle and cuts in to terminate the operating cycle.

2,450,289
GAS TREATING APPARATUS
Leroy F. Marek, Lexington, Mass., assignor to Arthur D. Little, Inc., Cambridge, Mass., a corporation of Massachusetts
Application April 15, 1944, Serial No. 531,150
3 Claims. (Cl. 23—281)



1. An apparatus for separating a gaseous component from a gaseous mixture, comprising an inner container in the shape of a rectangular parallelepiped disposed in and resting on its long edges in an outer cylindrical chamber longer than said inner container and thereby defining a space between said inner container and said outer chamber, finned heat exchange means positioned within said inner container, foraminous means within said inner container and spaced from the walls thereof between said walls and said heat exchange means, and adapted to retain about said heat exchange means an absorbing-desorbing material for said gaseous component, pipe means for supplying said gaseous mixture to the interior of said container, openings communicating between the inner container and the outer chamber, and pipe means for conducting said gaseous component from within said inner container.

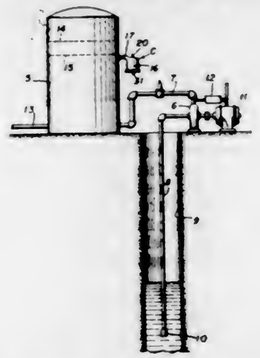
2,450,290
DYNAMOELECTRIC MACHINE
Hugh S. Maxwell, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 1, 1947, Serial No. 758,447
4 Claims. (Cl. 172—36)



1. A dynamoelectric machine having a rotatable shaft, a stator portion including end bells having bearings adapted to receive said shaft, a rotor portion arranged to react electrodynamically with said stator portion and interposed between said stator and said shaft, said rotor portion having an inner bore substantially larger

than the diameter of said shaft, a planetary gear set including tracking and driving planet gears, bearings for said planetary gear set in said rotor portion, means including stationary annular sleeves attached to said end bells and extending axially inward therefrom and having gaskets for providing a running seal, said sleeves being provided with stationary sun gears for said tracking planet gears of said set of planetary gears, means including at least one shaft gear rotatable with said shaft and meshing with said driving planet gears of said planetary gear set to provide mechanical connection between said rotor portion and said shaft through said set of planetary gears.

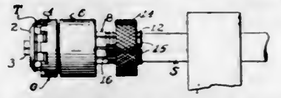
2,450,291
AIR CHARGER FOR STORAGE TANKS
Samuel M. McCarthy, Columbus, Ga.
Application May 5, 1947, Serial No. 746,145
7 Claims. (Cl. 103—6)



1. An air charger for a water system having a storage tank and a pump for supplying water from a well to the tank, comprising a chamber having a constant top communication with the tank substantially at the desired low liquid level in the tank, a fixed piston in said chamber, a reciprocable cylinder in said chamber adapted to be moved in one direction by liquid under pressure from said tank along and off of said piston when the pressure in said tank is increased above a predetermined point, means including a check valve providing for passage of a charge of outside air into said cylinder in response to suction produced by the cylinder when so moved along the piston, the cylinder moving off of said piston so that the liquid may enter the cylinder and force the charge of air from the latter into the chamber for passage into and to the top of the tank, and spring means for moving the cylinder in the opposite direction onto and along the piston when the pressure in said tank is reduced below a predetermined point, said piston including means providing for forcing the liquid from the cylinder into said chamber past the piston when the cylinder is moved in said opposite direction onto and along the piston.

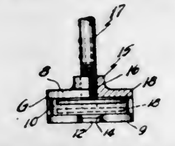
2,450,292
SOLE EDGE TRIMMER
Arthur C. Nelson, Alexandria, Minn.
Application August 27, 1946, Serial No. 693,229
5 Claims. (Cl. 12—92)

1. In an edge trimmer supported by a shaft, a trimmer guard comprising a guard member for coaction with the cutters of the trimmer, a spring chamber sleeve carried by the guard member at the inner side thereof, a holding sleeve telescoping within the spring chamber sleeve, an expansible spring within the chamber sleeve interposed between and bearing against the opposed ends of the guard member and holding sleeve,



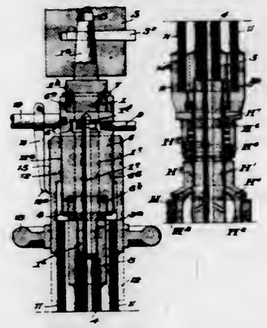
the outer portion of the holding sleeve being constructed to be contractible, and means for compressing said outer portion, the guard member, chamber sleeve, and holding sleeve surrounding the trimmer shaft, the outer portion of the holding sleeve when contracted clamping said holding sleeve to the trimmer shaft.

2,450,293
VALVE PULLER
Harold L. Oserowsky, Bay City, Mich.
Application June 7, 1945, Serial No. 598,036
1 Claim. (Cl. 29—283)



In a valve puller comprising spaced-apart connected disks forming a valve head accommodating chamber therebetween, a valve head opening in the outer periphery thereof, a centrally disposed threaded opening in the upper disk, a vertical stem threaded therein, and extending into said chamber, a relatively thin, intermediate disk connected to the end of the stem within said chamber, said disk being vertically adjustable as the stem is rotated to accommodate valve heads of various sizes in the chamber between the lower disk and the intermediate disk.

2,450,294
HONE ADAPTER
John J. Palotsee, Youngstown, Ohio
Application July 24, 1946, Serial No. 686,049
19 Claims. (Cl. 51—184.1)



1. In combination with a hone having a hone spindle upon which an annular series of hone stones are mounted, an adapter spindle adapted to be mounted upon a rotary driving spindle for

rotation therewith; a flexible cable having heads at both ends mounted on the adapter spindle and hone spindle respectively; said adapter spindle, cable and hone spindle having registering bores leading into the hone, the hone spindle bore having branches which discharge within the hone behind the series of stones; and means for introducing lubricant into the bore of the adapter spindle.

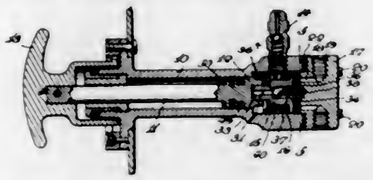
2,450,295

ENGINE PRIMER

Arthur L. Parker, deceased, late of Cleveland, Ohio, by Helen M. Parker, executrix, Shaker Heights, Ohio, and Joseph F. Melichar, Cleveland, Ohio, assignors to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio

Original application November 27, 1944, Serial No. 565,240, now Patent No. 2,412,532, dated December 10, 1946. Divided and this application May 15, 1945, Serial No. 593,799

5 Claims. (Cl. 277—25)



4. A valve for engine primers or the like having a flat surface containing a plurality of outlet conduits, and a valve mechanism including a body, one end thereof having a flat head portion and the other end a non-circular relatively smaller portion, a check valve mounted within said body adapted to permit the discharge of fluid under pressure, means detachably connected to said non-circular end portion adapted to thereby rotate the said body, a disc secured to said flat head portion and engaging said flat seat surface, said disk having means for radially directing fluid discharged through the valve in said body into any one of said outlet conduits in the said flat seat surface, and yieldable means associated with said valve body adapted to maintain said disk on the valve body in engagement with the said flat seat surface during all the functions of the valve.

2,450,296

METHOD OF PRODUCING ARTICLES HAVING FISSURED CHROMIUM SURFACE ELECTRODEPOSITS

Frank Passalacqua, Detroit, Mich., now by judicial change of name Frank Passal, assignor to United Chromium, Incorporated, New York, N. Y., a corporation of Delaware

No Drawing. Application August 25, 1944, Serial No. 551,259

1 Claim. (Cl. 204—37)

In a method of producing fissured networks in the surface chromium electrodeposits, heating chromium electrodeposits which are predisposed to the formation of fissured chromium of the "mud crack" or "channel" type of a size greater than .008" average plateau diameter to temperatures and for times within the ranges

	Hours
212° F.	1¼
350° F.	2
500° F.	2

and thereafter etching the heat-treated chromium electrodeposits at the temperature of the etching bath to develop a fissure network therein, the plateau areas of which networks being reduced to ⅔ to ¼ of the size which would be obtained on etching without the previous treatment.

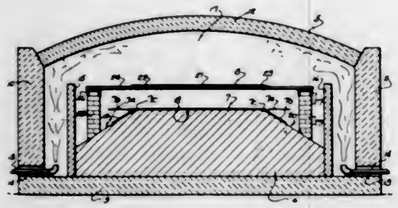
2,450,297

APPARATUS FOR BENDING GLASS

John P. Pearse, Swanton, and William P. Bamford, Maumee, Ohio, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application December 19, 1941, Serial No. 423,630

15 Claims. (Cl. 49—7)



13. In apparatus for bending glass sheets or plates, a shaping surface upon which a sheet is adapted to be bent, means for heating the sheet to bending temperature, and a shield for shielding selected portions of said sheet during bending arranged in spaced relationship to said shaping surface and in the path of heat from the heating means.

14. In a method of bending glass sheets or plates wherein the sheets to be treated are placed on a shaping surface and then exposed to bending heat, the step of controlling the bending of the glass sheets by shielding selected portions only of said sheets by positioning a shield at a location spaced from the shaping surface and glass but in the path of said heat to the glass to retard the heating of said selected portions during the bending operation.

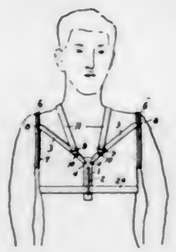
2,450,298

CLAVICLE SPLINT

Fred William Peterson, El Centro, Calif., and Otto S. Kirschner, Vashon, Wash.

Application August 16, 1946, Serial No. 690,854

3 Claims. (Cl. 128—87)



1. A clavicle splint comprising a front connecting plate; a right and a left rod pivoted at one end of each to said plate and diverging upwardly forming a V; right and left shoulder straps anchored, one to each said rod adjacent the pivoted ends of the same; padded arcuate bars pivoted to the other ends of said rods; adjustable straps secured to the free ends of each said padded arcuate bars; an adjustable back strap connecting the upper ends of said padded arcuate bars; a chest strap engaging said front connecting plate; a back unit having connected buckle straps provided with four buckles with two of which said chest strap connects and with the other two of which said shoulder straps respectively connect.

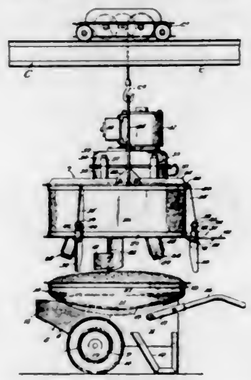
2,450,299

PORTABLE MOLDING SAND MULLER, INCLUDING SUSPENDABLE POWER-DRIVEN MULLER UNIT AND UNDERLYING PORTABLE BOWL RECEPTACLE

Walter F. Piper and Joseph J. Soldat, Chicago, Ill., assignors, by mesne assignments, to Pettibone Mulliken Corporation, a corporation of Delaware

Application April 24, 1944, Serial No. 532,445

13 Claims. (Cl. 241—100)



10. An apparatus adapted to mull granular material in an establishment having an overhead hoisting apparatus, and comprising a portable bowl-shaped receptacle for the material to be mulled, and a self-contained mulling unit provided with means whereby it may be attached to the hoisting apparatus in order that it may be lowered and raised by said hoisting apparatus into and out of an operative position with respect to the receptacle when the latter is positioned therebeneath, and embodying a continuous side wall shaped conformably to the side wall of the receptacle, adapted when the unit is in its operative position to rest on, and form a continuation of, the receptacle side wall, and having at its upper end a structural member extending thereacross, a rotary crosshead disposed within the second mentioned side wall, an upstanding mulling wheel connected to the crosshead so that it is vertically movable to a limited extent relatively thereto, provided with spring means for urging it downwards, having the upper portion thereof disposed within the second mentioned side wall and its lower portion disposed beneath said second mentioned side wall, and arranged so that during drive of the crosshead while the unit is in its operative position it travels in a circular course over the receptacle and effects mulling of the material by squeezing it against said receptacle, and means for driving the crosshead consisting of an electric motor and speed reducing gearing supported on said structural member.

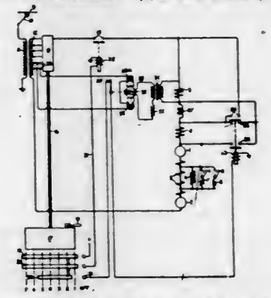
2,450,300

TRACTION MOTOR CONTROL SYSTEM

Franklin H. Pritchard, Erie, Pa., assignor to General Electric Company, a corporation of New York

Application March 26, 1947, Serial No. 737,367

11 Claims. (Cl. 318—244)



11. In combination, a control system for alternating current electric vehicle traction motors comprising, a pair of alternating current motors, a series field winding for each motor, a reactor, control means for supplying varying voltage to said motors, electromagnetic switching means for connecting said series field windings and said reactor in parallel in one position and effective to reconnect said series field windings in series circuit relationship and to short circuit said reactor in a second position, electromagnetic relay means responsive to the electrical conditions of one of said motors for operating said switching means upon attainment of a predetermined electrical condition in said motor, and means associated with said control means for rendering said electromagnetic relay means ineffective to operate said switching means.

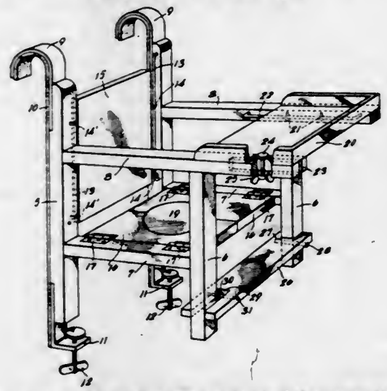
2,450,301

FOLDING BABY SEAT

Edgar James Quiggle, Shelby, Ohio

Application November 24, 1943, Serial No. 511,601

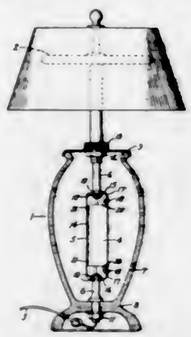
5 Claims. (Cl. 155—31)



4. A portable baby seat adapted for suspension from an ordinary chair or bench; comprising pairs of front and rear uprights stiffly connected by arm rests and side rails, said rear uprights extending above the front uprights, and said side rails being located above the lower ends of said front uprights; a two section seat with a commode opening, one section having permanent top hinge connection with one of said side rails, the other section having a permanent top hinge con-

nection with the other side rail, and the adjacent edges of said seat sections having permanent bottom hinge connection permitting upward folding of the entire seat; suspension means for the baby seat, a back and forth adjustable tray normally resting on both arm rests and having slidable hinge connection at the bottom near one end with one of said arm rests, and detachable connection at its other end with the other arm rest consisting of bolt and wing nut on said tray, a vertical slot being provided in the forward end of the latter arm rest for detachable engagement by the bolt, thus permitting downward swing of the tray on said hinge connection upon releasing said detachable connection by disengagement of the bolt from the slot.

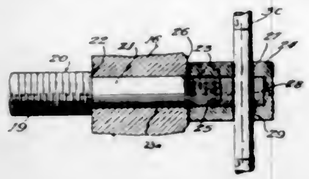
2,450,302
FLUORESCENT BALLAST BRACKET
Robert F. Rowe, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application November 25, 1947, Serial No. 788,046
1 Claim. (Cl. 240—51.12)



A mounting bracket, for fluorescent ballasts of the elongated rectangular cross-section type having perforated mounting feet at the same side of opposite ends, comprising a one piece sheet metal stamping having an elongated center section substantially equalling in length the length of said ballast, intermediate sections bent in the same direction at right angles to said center section, and end sections bent inwardly toward each other at right angles to said intermediate sections, the length of said intermediate sections being substantially equal to the thickness of said ballast, said end sections having mounting perforations which register with the perforations in the mounting feet of said ballast, mounting openings in said intermediate sections which are so located that a line through their center passes through the center of gravity of said ballast and bracket when their mounting perforations are in registration, and a pair of spaced indentations on said center section for providing two points of contact between said center section and the surface of said ballast.

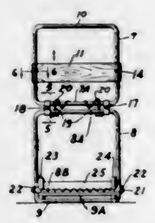
2,450,303
CLAMPING DEVICE OF THE VISE TYPE
Anthony M. Sasgen, Chicago, Ill., assignor to Grand Specialties Company, Chicago, Ill., a corporation of Illinois
Application July 17, 1944, Serial No. 545,334
2 Claims. (Cl. 81—33)

1. In a clamping device including a stationary clamping element, a movable clamping element, an operating member for moving the movable element relative to the stationary element and having a forwardly projecting stem portion of relatively smaller diameter at one end thereof to afford an integral shoulder facing forwardly at the junction of said stem and said movable element, said operating element being passed through an opening in the movable element to



have one face of such element engaged with said shoulder, a retaining member screw threaded onto said operating member stem and engaged with the opposite face of said movable element, and means extending through said retaining member and said stem for securing said retaining member to said operating member, said last named means providing a handle operable to turn said retaining member and said operating member.

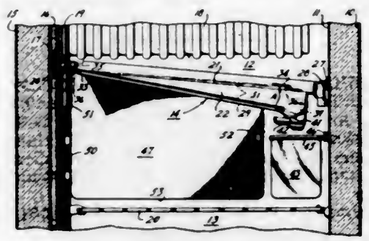
2,450,304
OUTBOARD MOTOR DOLLY
William E. Shiflet, St. Clair Shores, Mich.
Application March 18, 1946, Serial No. 655,149
5 Claims. (Cl. 280—36)



1. In a device of the character described, the combination of a pair of hinged tubular frames of substantially equal size, means to lock said frames in alignment, one of said frames having a mounting block adjustable thereon, the other of said frames having a platform secured thereto, and wheels for supporting the device, there being a comparatively large diameter cylindrical member interposed between said wheels.

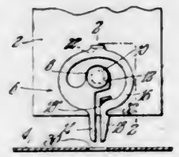
2,450,305
PARTITION FOR REFRIGERATORS
Malcolm G. Shoemaker, Doylestown, Pa., assignor to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application February 5, 1948, Serial No. 6,477
9 Claims. (Cl. 62—103)

1. For refrigerators, a partition having two side-by-side sections, one section having a substantially imperforate portion and the other section having an open portion, a member mounted on the partition for movement relatively to each section and for adjustment into position to cover said open portion and in position to overlap said imperforate portion and to uncover said open portion, and sump means to one side of each of said



portions to provide for the reception and drainage of defrost water.

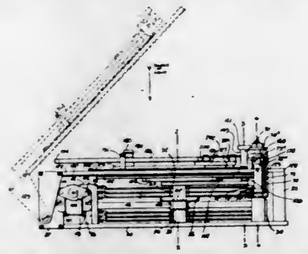
2,450,306
SECURING DEVICE
Royal F. Sickles, Springfield, Mass., assignor to The F. W. Sickles Company, Chicopee, Mass., a corporation of Massachusetts
Application December 4, 1944, Serial No. 566,424
4 Claims. (Cl. 248—361)



1. In combination, a first object and a securing device secured to said first object for releasably securing the same to a second object, said device comprising a clip formed from sheet metal and having a central hub secured to said first object, a first prong depending therefrom so as to be resiliently movable laterally but not longitudinally, a relatively yieldable ring-like arm portion extending from a side of said hub upwardly and around said hub and spaced therefrom terminating in a second prong adjacent said first prong, said second prong thereby being resiliently movable both towards and away from the first prong and also longitudinally thereof, said first object having a slot of limited length and said ring-like portion having an ear received within said slot, said slot and said ear cooperating to prevent rotation of said securing device on said first object and to limit the longitudinal motion of said second prong.

2,450,307
DEVICE TO MAKE TEST PRINTS OF PHOTOGRAPHIC COLOR PRINT MATERIAL BY THREE NONUNIFORM PART EXPOSURES OF A TEST TRIANGLE TO THREE COLORS
Alfred Simmon, Jackson Heights, and Louis L. Weisglass, New York, N. Y., assignors to Simmon Brothers, Inc., Long Island City, N. Y., a corporation of New York
Application August 15, 1946, Serial No. 690,687
13 Claims. (Cl. 95—10)

1. A device for making test prints on photographic color print material of the monopack type comprising means to subject each of a plurality of areas of triangles on a single sheet to three successive part exposures, means to change the color of the light for each part exposure, and means to distribute the light during these part exposures non-uniformly over each of said areas, comprising means to mask progressively portions of each of said triangles during each part exposure, whereby each corner of each of said triangles receives a full exposure to light of one color and the side opposite said corner receives no exposure to light of said color, intermediate points receiving exposures of all three colors, the relative exposures of each point to light of each color depending upon its relative distance from the three sides of each of said triangles, means to make the sum of all three part exposures a constant over the area of any of the triangles, and means to render said constant of a different magnitude for different triangles, said device including a supporting structure consisting of two principal parts, the first part serving as a base, and the second part hingedly attached thereto, said first principal part supporting a motor drive, a cam assembly comprising a plurality of rotatable cams driven by said motor unit, a lever assembly comprising a plurality of pivoted levers actuated by said cam assembly, and a support for said color print material including means in operative con-

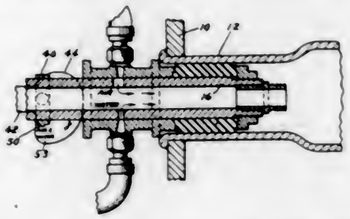


nection with said lever assembly to rotate and to index said support between exposures, said second principal part supporting an aperture plate with a triangular aperture, normally positioned in front of said support for said sheet, three masking slides, each slide having one straight edge parallel to one side of said triangular aperture, supporting means for said slides including members actuated by said lever assembly, said slides adapted to be moved in rotation by said members, during each part exposure one slide being moved across said triangular aperture in a direction substantially at right angles to its straight edge, while the two other slides are being withheld, a filter unit including a support for three filters of three different colors, respectively, and means in operative connection with said lever assembly to rotate and index said filter support between exposures, said second principal part normally positioned above said first principal part in substantially parallel relationship thereto, but adapted to be lifted therefrom by virtue of being hingedly attached thereto, whereby said support becomes accessible for the insertion of a sheet of color print material.

2,450,308
FLUE WASHING NOZZLE HAVING FLUID VALVE OPERATED SIMULTANEOUSLY WITH SEAL IN FLUE
Frank W. Smith, Wellesley, Mass., assignor to The Superheater Company, New York, N. Y.
Application November 19, 1946, Serial No. 710,934
2 Claims. (Cl. 134—166)

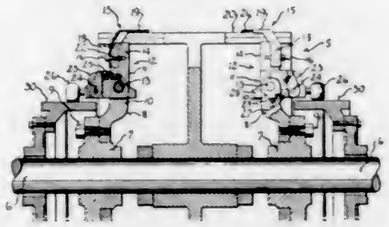
1. Demountable apparatus for cleaning the interiors of tubes such as flues of a locomotive

boiler comprising; an axially movable nozzle tube insertible in a flue having a pair of axially spaced ports formed in a portion of its wall located exteriorly of the flue; sealing means carried by said tube for preventing back flow from the flue of fluid supplied to the nozzle; a sleeve or the like surrounding said outer portion of said nozzle tube and formed with a pair of ports therein adapted to be alined each with one of the ports in said nozzle tube for admitting fluid



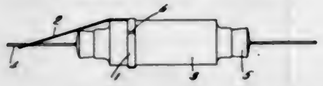
thereto; means connected to said sleeve for supplying two separate streams of cleaning fluid to said nozzle through the pair of ports in said sleeve and the alined ports; means for moving said nozzle tube axially sequentially to two spaced positions and acting to seal the flue, aline first one and then the other of the axially spaced ports on said nozzle with the corresponding port in said sleeve for introducing first one and then the other stream of a cleaning fluid to said nozzle.

2,450,309
SIDE GRIPPER FOR SQUARE BOTTOMED PAPER BAG FORMING MACHINES
Allen O. Sohn, Plymouth, Wis.
Application January 9, 1947, Serial No. 721,046
2 Claims. (Cl. 93—8)



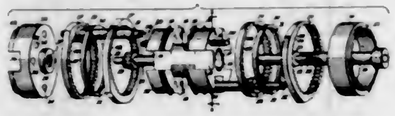
1. In a bag forming machine having a drum mounted on a shaft and on which the bag blank is held during the formation of the bottom of the bag, said drum having a gap in the face thereof at least one edge of which is parallel with the drum axis, a side gripper for holding a portion of the blank to the drum at said edge of the gap, comprising: a hub slidable on the drum shaft and rotatable therewith; a gripper body; a pivotal support for the gripper body carried by the hub, constraining the gripper body to pivotal movement about an axis at all times normal to and spaced from the drum axis and perpendicular to a line radial to the drum axis while enabling movement of the gripper body with the hub axially of the drum; a gripper claw; a connection between the gripper claw and the gripper body guiding relative motion therebetween along a line radial to the drum axis, said claw extending through the gap in the drum and having a part overlying said edge of the gap at a point along the length thereof determined by the axial position of the hub on the drum shaft; and means for adjustably and removably securing the claw to the gripper body.

2,450,310
TUBULAR CONTAINER FOR ELECTRICAL CONDENSERS OR OTHER APPARATUS
Percy Archibald Sporing, Hampton Hill, and Charles Piercy Johnson, Hanwell, England, assignors to The Telegraph Condenser Company Limited, North Acton, England, a British company
Application June 27, 1945, Serial No. 601,836
In Great Britain July 20, 1944
7 Claims. (Cl. 174—77)



1. A metal tubular container for electrical apparatus having in combination an insulating bush located in and occluding one of the open ends of said container, a conductor extending through said bush into the container for electrical connection with the electrical apparatus therein, a metal collar surrounding and in conductive contact with said container, a metal lug attached to said collar and in electrical connection with said conductor, an additional lug on said collar and extending substantially parallel to the axis of the container, and a supporting plate extending between said additional lug and the container and attached to said additional lug.

2,450,311
ADJUSTABLE CAM ACTUATOR
Kenith G. Strunk, East Orange, and Thaddeus A. Lelek, Bloomfield, N. J., assignors to Breeze Corporations, Inc., Newark, N. J., a corporation of New Jersey
Application November 8, 1945, Serial No. 627,442
8 Claims. (Cl. 74—568)

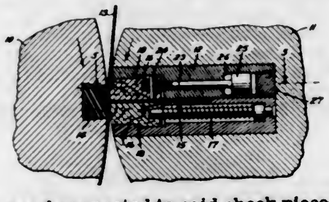


1. In a mechanism for actuating a plurality of driven members, a series of cams individually rotatable upon a common supporting member comprising a hub longitudinally slotted to correspond to the desired number of cams and to receive control shafts therefor, transversely recessed at its center to receive a brake block, having a pair of raised flanges integral therewith on opposite sides of said recess and having a central bore, a brake block associated with each control shaft, means to angularly and individually adjust said cams and means to positively lock the positioned cams.

2,450,312
WEB CUTTING MECHANISM
Paul L. Tollison, North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J., a corporation of Virginia
Application March 9, 1946, Serial No. 653,401
4 Claims. (Cl. 164—66)

4. In the cutting couple of a printing press, a knife box, a knife in said knife box, cheek

pieces on either side of said knife movable parallel to said knife and perpendicular to its cutting edge, springs for moving said cheek pieces outwardly relative to the cutting edge of said knife, cylinders carried by said knife box, pistons running in said



cylinders and connected to said cheek pieces, fluid in said cylinders and means forming restricted fluid passages between the portions of said cylinders lying on opposite sides of said pistons whereby the outward movement of said pistons and the connected cheek pieces is cushioned.

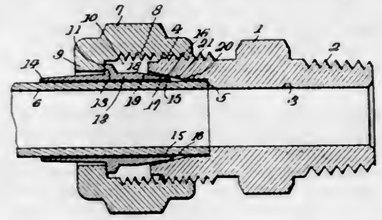
2,450,313
TOP MILK EXTRACTOR
Frederick H. Valiton, Deer Lodge, Mont., assignor of one-half to Charles L. Colbert, Deer Lodge, Mont.
Application May 22, 1946, Serial No. 671,520
2 Claims. (Cl. 210—51.5)



1. A device of the character described, comprising a bowl portion, an inverted semi-spherical portion formed on the bottom of said bowl portion, an internally threaded lug formed at the center of said semi-spherical portion, a tubular member secured to said lug, an opening in the bottom of said bowl portion communicating with said lug, a downwardly curved collar portion on said semi-spherical portion adapted to engage the upper edge of a container, an opening in said semi-spherical portion and a downwardly curved spout formed on said semi-spherical portion and communicating with the opening therein.

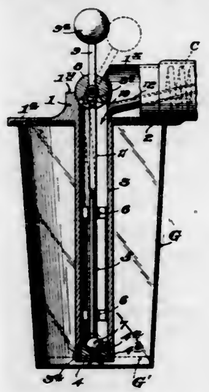
2,450,314
COUPLING FOR FLARELESS TUBES
Lorain N. Vandervoort, Cleveland, Ohio, assignor to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio
Application July 5, 1944, Serial No. 543,553
1 Claim. (Cl. 285—122)

A coupling for tubes comprising a body member having a bore adapted to receive the end of a flareless tube, a nut having threated engagement with said body member and having a shoulder adjacent the outer end thereof, a clamping sleeve disposed within the nut and having a shoulder for engagement with the shoulder on the nut, said sleeve initially having throughout its length a slip-fit clearance with the tube, said body member at the outer end portion of the bore being provided with a relatively long tapered camming surface, said sleeve at the inner end thereof having a relatively thin cylindrical portion and a tapered portion immediately in rear of the cylindrical portion, said cylindrical and tapered portions of the sleeve and the tapered camming surface on the body member being dimensioned and posi-



tioned whereby endwise movement of the sleeve into engagement with the camming surface will cause the inner end of the sleeve to be contracted and to cut into the tube for gripping the same after which the sleeve in the region of the tapered surface will engage the tapered camming surface on the body member and be contracted into engagement with the uncut portion of the tube immediately behind the cut portion so as to provide a gradually releasing grip extending from the cut portion of the tube for a considerable distance over the tube length for arresting vibrations in the tube at a point spaced outwardly from the cut portion of the tube, the slip-fit clearance at the rear portion of the sleeve retaining its initial condition.

2,450,315
BEER FAUCET
Louis F. Vetrano, Oakland, Calif., assignor of three-fourths to William J. Pugh, Oakland, Calif.
Application April 3, 1947, Serial No. 739,111
9 Claims. (Cl. 225—5)



1. In a beer faucet, a base; a tubular portion depending from the base and of length slightly

less than the depth of an ordinary beer glass, said tubular portion having an inlet at its upper end for beer from a source of supply; a valve seat in the lower end of the tubular portion terminating in a reduced bore; a valve stem within said tubular portion having a ball valve on its lower end adapted to engage said seat; a handle having a hub closing the upper end of the tubular portion, said hub having a recess opposite the tubular portion; an arm within said recess; a link pivotally connected to the arm and to the stem, said arm and stem being of such length that when same are aligned with the stem the ball valve will firmly contact said seat; and a pair of abutments on said base adapted to be engaged by the handle whereby when same engages one said abutment the valve will be slightly unseated, and when same engages the other abutment the valve will be entirely unseated.

2,450,316

PREPARATION OF CATALYST FOR USE IN DESTRUCTIVE HYDROGENATION OF HYDROCARBON OILS

Alexis Voorhies, Jr., and William E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application April 25, 1945, Serial No. 590,300
2 Claims. (Cl. 196—53)

1. In the destructive hydrogenation of hydrocarbon oils conducted in the presence of a hydrogenation catalyst comprising an acid-treated bentonitic clay carrier and a hydrogenation catalyst impregnated therein, the improvement which comprises contacting the hydrocarbon oil to be destructively hydrogenated at elevated temperatures and pressures with the said catalyst, which catalyst has been prepared by first subjecting the acid-treated bentonitic clay base to a heat treatment at a temperature within the range of from about 850° to 1,000° F. for a period of about 4 to 8 hours prior to impregnation with the active hydrogenation catalyst.

2,450,317

NICKEL-IMPREGNATED CLAY CATALYST AND PROCESS OF MAKING SAME

Alexis Voorhies, Jr., and William E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Original application April 25, 1945, Serial No. 590,300. Divided and this application June 11, 1946, Serial No. 676,111
2 Claims. (Cl. 252—450)

1. The method of forming an active hydrogenation catalyst which consists essentially in subjecting a bentonitic clay to treatment with hydrofluoric acid, thereafter activating the clay by heating the same to a temperature within the range 850° to 1000° F. during a period of 4 to 8 hours, cooling and incorporating metallic nickel into the activated carrier by impregnation.

2,450,318

METHOD FOR PRODUCING POULTRY FEEDS

Richard E. Wagamon, Harbeson, Del.

No Drawing. Application March 23, 1948, Serial No. 16,615
3 Claims. (Cl. 99—4)

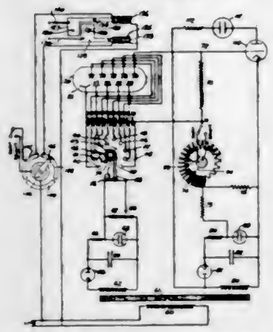
1. The process of producing a feed for poultry which comprises producing a dry bulk mix of grain meal and dry milk solids, moistening the mix with a solution of baker's yeast dissolved in liquid, promptly bagging the moistened mix, and storing the bagged wet mix for at least thirteen hours and up to ninety-six hours so that fermentation thereof produces relatively high alcoholic content.

2,450,319

PHOTOELECTRIC EXPOSURE METER FOR ENLARGERS USING DIFFERENTIAL MEANS TO INDICATE CONTRAST

Louis L. Weisglass, New York, N. Y., assignor to Simmon Brothers, Inc., Long Island City, N. Y., a corporation of New York

Application April 23, 1946, Serial No. 664,149
5 Claims. (Cl. 88—23)



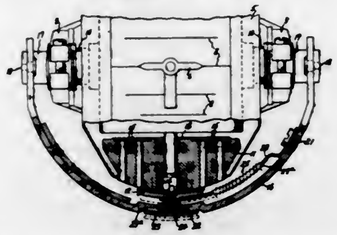
1. An exposure and contrast meter for photographic enlargers of the type which projects an enlarged image of a photographic negative on an easel comprising a photoelectric cell adapted to be placed on said easel for measuring the light intensity of the brightest and darkest point thereon, an electric circuit operatively connected to said photocell and comprising two part circuits, the first part circuit having an output voltage controlled by said photocell and including, in series with said cell, a resistor upon which said output voltage is impressed, the second part circuit having a rheostat controlling the output voltage of said second part circuit, said rheostat comprising a resistance element and two independently movable contacts in current conducting relationship therewith, these contacts being insulated from each other, and a switch connected to said contacts whereby one of said contacts may be selected to carry said output voltage, depending upon whether said cell has been placed upon the brightest or upon the darkest point on the easel, means to make said two output voltages oppose each each other, means to indicate when the difference of said two output voltages, resulting from the adjustment of said rheostat, assumes a predetermined value, a mechanism comprising three movable members, the first two members controlled by the operator, operatively connected to said two movable contacts, respectively, and adapted to indicate, by the positions assumed by them when the difference of said two output voltages has been adjusted to said predetermined value, the light intensities of the brightest and darkest point on the easel, respectively, the third member in operative engagement with said first two members and adapted to be moved by their coaction in accordance with the ratio of said two light intensities, a first scale element calibrated in exposure time values and a first mark element, one of said elements connected to said first member and the other element being stationary, both coacting to indicate the correct exposure time of said image on said easel, and a second scale element calibrated in contrast values, and a second mark element, one of these last named elements connected to said third member and the other element being stationary, both coacting to indicate the contrast value of said image on said easel.

2,450,320

VARIABLE AIR GAP TURN COMPENSATOR

Harry C. Wendt, Lynnfield, Mass., assignor to General Electric Company, a corporation of New York

Application September 27, 1946, Serial No. 699,904
11 Claims. (Cl. 74—5)



1. In combination, a universally mounted gyroscope, a universally mounted pendulum, an erection system comprising a magnetic element and a cooperating current conducting element, one of said elements being mounted on said gyroscope and the other being mounted on said pendulum, means for rotating one of said elements whereby eddy currents are induced in said current conducting element resulting in an erecting torque on said gyroscope, and means for reducing said erecting torque to a relatively ineffective value comprising an electroresponsive device for increasing the spacing between said elements.

2,450,321

RUST-INHIBITING GREASES

Ernest T. White, Jackson Heights, and Reuben Carl Robinson, New York, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

No Drawing. Application April 9, 1947, Serial No. 740,495
14 Claims. (Cl. 252—42)

1. An alkali metal rust-inhibiting grease comprising a major proportion of a mineral oil, an alkali metal soap present in sufficient proportion to thicken said oil to a grease consistency, and between about 0.5 and about 2 per cent by weight of a compound having the general formula:

$$Y—R—O(CH_2CH_2O)_5—H$$

where R represents an aromatic nucleus and Y is a member selected from the group consisting of aliphatic, cycloaliphatic, arylaliphatic and aryl hydrocarbon radicals having at least four carbon atoms.

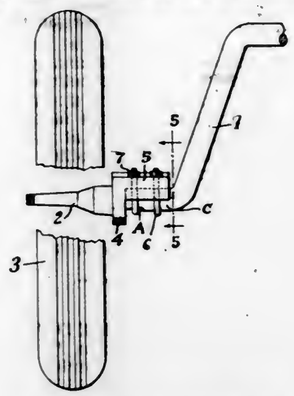
2,450,322

REPLACEMENT AXLE FOR AGRICULTURAL IMPLEMENTS OR THE LIKE

Ralph F. Williams, Hazelton, Kans.

Application September 26, 1947, Serial No. 776,212
1 Claim. (Cl. 301—132)

In an axle comprising a spindle having a head integrally joined to one of its ends, said head having the upper portion of a clamp extending oppositely from that of the spindle, said clamp having a V-shaped seat at its underside resting upon a stub of a worn axle, and U-bolts engaging the underside of the stub and co-acting with the clamp in rigidly binding the stub thereto.

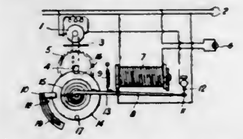


2,450,323

DELAY ACTION CONTROL SWITCH

Stuart Williamson, Reading, England

Application October 3, 1944, Serial No. 557,036
In Great Britain September 14, 1943
4 Claims. (Cl. 175—375)



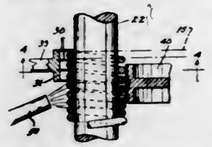
1. A delay action control device for apparatus which includes a constantly rotating shaft comprising in combination with said shaft a master switch, a relay, an exciting circuit for said relay controlled by said master switch, an armature rocked by said relay, a timing device including a disc mounted for rotation upon said armature in such proximity to said shaft that the periphery of said disc is brought into frictional contact with said shaft upon retraction of said armature, a spring wound by the rotation of said disc, and electrical contacts operated by said timing device after a predetermined extent of rotation of said disc.

2,450,324

APPARATUS FOR COILING THERMOPLASTIC MATERIAL

Oran C. Wilson, Lakewood, and Philip S. Britton, Bratenahl, Ohio

Application July 7, 1945, Serial No. 603,704
2 Claims. (Cl. 18—19)



2. Apparatus for forming a continuous rod-like strip of thermoplastic material into a spiral coil comprising, means for extruding the material in a flowable condition into a continuous elongated

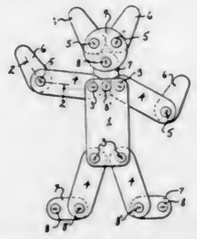
rod-like strip, means for coiling said strip, said means including a rotating mandrel, a controlling device comprising a plurality of spaced plates having circular segmental recesses therein extending around a portion of the mandrel, said plates being spaced apart sufficiently to accommodate one turn of the coil between adjacent plates, a pressure roller acting upon a plurality of turns of the coil on the side of the mandrel opposite the plates, at least one of said turns being partially within said controlling device and another of said turns being beyond said controlling device, a cooling means acting on the turns after they leave the controlling device, and means for rotating the roller independently of the mandrel and in a direction opposite to that of the mandrel.

2,450,325
OUTDOOR CARD GAME DEVICE
Samuel Zirin, Brooklyn, N. Y.
Application October 11, 1945, Serial No. 621,681
1 Claim. (Cl. 273—136)



A card game board for outdoor use, comprising a board having right and left sections hinged to fold on each other, each side of said board having an infolded edge portion providing a marginal retaining pocket parallel to said side, each section having a transversely spaced row of holes, the row of holes of one section being spaced out of line registration with the row of holes of the other section, and an elastic cord threaded through each row of holes, providing elastic retaining loops between the holes under which cards may be placed to be held against wind displacement.

2,450,326
INTERCHANGEABLE TOY
George E. Berger and Julia A. Berger, Two Rivers, Wis.
Application May 16, 1946, Serial No. 670,249
1 Claim. (Cl. 46—22)

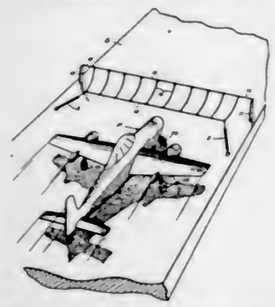


An educational toy figure, comprising a plurality of structural elements fabricated from sheet material, capable of being assembled by ordinary buttoning into representations of animals or caricatured figures, certain elements having buttons attached thereto and other elements having matched button holes therefor, whereby interchangeability of the elements is effected to vary the figure.

2,450,327
HEAT-RESISTANT COATING COMPOSITION
Howard D. Cogan, Glenshaw, Pa., and Newton H. Ketcham, Flushing, N. Y., assignors to Carbide and Carbon Chemicals Corporation, a corporation of New York
No Drawing. Application April 1, 1944, Serial No. 529,172
3 Claims. (Cl. 106—287)

1. A heat resistant coating composition strongly adherent to non-porous metal surfaces and adapted to protect phosphatized metal surfaces normally subjected to temperatures ranging from 500° F. to around 1350° F., which composition comprises (1) a partially hydrolyzed lower alkyl ester of a silicic acid in which each of the alkyl groups contains no more than four carbon atoms; (2) between 10% and 40% by weight, based on the total solids content of the composition, of finely divided mica; (3) water in amount approximately completing the hydrolysis of said partially hydrolyzed ester and providing a mixture of highly condensed esters by the hydrolytic condensation of said partially hydrolyzed and condensed ester; and (4) a heat-resistant corrosion-inhibitive inorganic pigment.

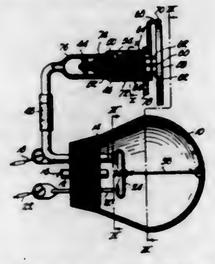
2,450,328
AIRCRAFT BARRIER
Robert B. Cotton, Lansdowne, Pa., assignor to All American Aviation, Inc., a corporation of Delaware
Application January 16, 1946, Serial No. 641,424
8 Claims. (Cl. 244—110)



1. In an aircraft barrier, upper and lower substantially horizontal cables, a plurality of cross members connecting said cables, support means for said upper cable, said lower cable being offset toward the approach side of a landing aircraft with respect to said upper cable, anchoring means, and a line of undrawn synthetic plastic fibers having one end secured to said anchoring means and the other end to said lower cable.

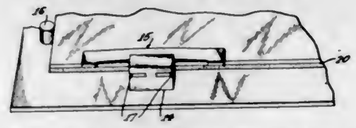
2,450,329
PNEUMATIC TIMING SWITCH FOR ELECTRIC CIRCUITS
Earl C. Deane, North Kansas City, Mo.
Application April 30, 1945, Serial No. 591,125
7 Claims. (Cl. 200—34)

1. An electric switch of the character described, comprising a normally inflated, compressible bulb of non-conducting material having an air outlet port and an air inlet port; contacts within the bulb, movable to and from the circuit closing position as the bulb is deflated and inflated respectively; and manually settable means for controlling the entrance of air into the bulb through said inlet port after the bulb has been deflated to a condition closing the contacts therein, said settable means having a slidable valve adapted for



quick manual release permitting inflation of the bulb through said inlet port in a minimum amount of time and without the influence of the speed controlling means.

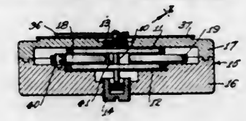
2,450,330
FASTENING DEVICE FOR COVER PLATES
Clarence A. de Giers, Forest Hills, N. Y., assignor to The Liquidometer Corporation, Long Island City, N. Y., a corporation of Delaware
Application February 24, 1945, Serial No. 579,533
2 Claims. (Cl. 24—259)



1. The combination with a frame and a cover to be secured thereto in a predetermined position, said frame having a part rigid therewith adjacent to an edge of the cover at said predetermined position, which part has a slot formed therein extending laterally away from the adjacent edge of said cover, of a clip securing said cover to said frame, said clip comprising an elongate strip of resilient material positioned to extend along said edge, a lateral extension of said strip slidingly received in said slot, ears at portions of said strip remote from said extension, said ears projecting laterally fro mthe main plane of said strip on the same side thereof as said extension and positioned to extend laterally out of the plane of said strip and over the edge of said cover at the operative position of said strip, said slot being disposed at such a position in respect to said cover that when said ears rest on the surface of said cover in moving said clip toward its operative position, said strip must be flexed to permit said lateral extension to be inserted into said slot.

2,450,331
POINTER RETURN DEVICE
Clarence A. de Giers, Forest Hills, and Soren B. Osterlund, St. Albans, N. Y., assignors to The Liquidometer Corporation, Long Island City, N. Y., a corporation of Delaware
Application December 8, 1945, Serial No. 633,800
6 Claims. (Cl. 171—95)

6. A rotor return device for a measuring instrument including a magnet rotor, comprising a pair of stationary magnets mounted in spaced positions such that when the rotor is in the center of a dead zone one pole of each stationary magnet is located in a predetermined position closely adjacent to a portion of the repellable rotor pole which has large change in strength per unit length along the rotor circumference, one stationary pole being placed adjacent to a rotor pole portion changing its pole strength distribution in one direction and the other stationary pole being placed adjacent to a second rotor pole portion



changing its pole strength distribution in the opposite direction for effecting relatively large opposite changes in the direction and strength of the balanced repulsion forces from the respective poles of the stationary magnets in response to a comparatively small rotor movement away from the said center of dead zone rotor position.

2,450,332
POLYCARBOXY ESTERS OF DIMERIZED 9,11-LINOLO-DIRICINOLEIN AND METHOD OF MAKING SAME
Melvin De Groote, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del., a corporation of Delaware
No Drawing. Original application July 13, 1945, Serial No. 604,990. Divided and this application November 5, 1946, Serial No. 707,977
8 Claims. (Cl. 260—405)

1. An acidic partial ester of a polycarboxy acid with dimerized 9,11-linolo-diricinolein.

2,450,333
POLYHYDRIC ALCOHOL ESTERS
Melvin De Groote, University City, and Arthur F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del., a corporation of Delaware
No Drawing. Original application July 13, 1945, Serial No. 604,994. Divided and this application November 5, 1946, Serial No. 707,979
8 Claims. (Cl. 252—405)

1. An acidic partial ester containing: (*a*) A polyhydric alcohol radical; (*b*) A diglycollic acid radical; and (*c*) An acyloxy radical containing 8 to 32 carbon atoms derived from a detergent-forming monocarboxy acid having 8 to 32 carbon atoms, at least one polyhydric alcohol radical being ester-linked with a group containing said acyloxy radical and the number of said groups ester-linked with at least one polyhydric alcohol radical being less than the valency of said polyhydric alcohol radical.

2,450,334
PRODUCTION OF ARYL SUBSTITUTED ETHYLENIC COMPOUNDS
James Kenneth Dixon, Riverside, and Donald R. May, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application August 21, 1945, Serial No. 611,925
6 Claims. (Cl. 260—668)

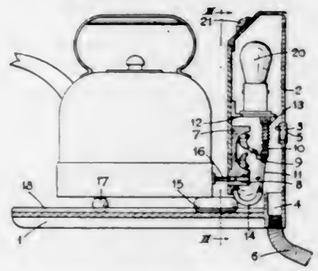
1. A process which comprises mixing a substance selected from the class consisting of diaryl substituted paraffins having at least two carbon atoms in the paraffin chain and in which both aryl groups are attached to the same carbon atom and their nuclear substituted derivatives with water vapor as a diluent, contacting the resulting

mixture thereof with a metal chromite catalyst, said metal having an atomic number from 23 to 29, inclusive, and maintaining the temperature of said mixture at a temperature of about 400° C.–650° C. during the time it is in contact with said catalyst.

2,450,335
FOOD PRODUCT AND METHOD OF PRODUCTION
William Peter Martin Grelck, Baltimore, Md., assignor of one-half to Linn J. Firestone, Arlington, Va.
No Drawing. Application April 26, 1946, Serial No. 665,336
2 Claims. (Cl. 99—204)

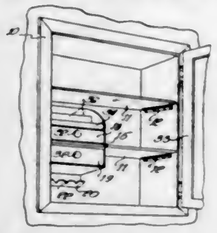
1. The process of treating canner's waste vegetable materials to preserve the original food characteristics of said materials including their carotene content comprising the steps of grinding the same to produce with the moisture content of the combined materials a slurry, subjecting the slurry to fermentation to produce a lactic acid content in quantity of between one and two percent of said slurry and rendering the latter to a paste of semi-solid consistency by removing in vacuo surplus moisture to approximately one-half to one-third of the original volume.

2,450,336
ELECTRICAL COUPLING DEVICE PARTICULARLY FOR ELECTRIC HEATING APPLIANCE STANDS
Thomas John Hall, Betchworth, England
Application February 4, 1946, Serial No. 645,437
In Great Britain November 7, 1945
4 Claims. (Cl. 219—43)



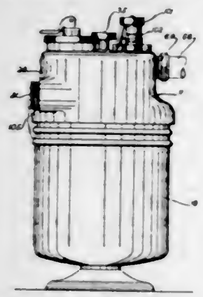
1. An electric coupling device for connecting an electric heating appliance such as a kettle to the electric mains, comprising the combination of a support having a housing upstanding from the rear end thereof, a socket connector comprising an insulated body mounted within the housing and having sockets opening in the front wall and located above an entrance aperture into said housing, socket terminals mounted in and inset from the mouth of the sockets, a complementary plug connector having terminals projecting from said appliance, a grooved guide extending from front to rear of said support towards the front wall of the housing for slidable engagement with the appliance to guide the plug terminals into the sockets, a guard shroud on one of said connectors which covers the plug terminals and electrically insulates them from external connection during engagement with or disengagement from the socket terminals, a projection on the appliance arranged to pass through the apertured entrance in the housing as the plug terminals move into the sockets and an electric switch device in said housing and having a spring returned operating member so disposed in relation to the apertured entrance in the housing that it is moved by the projection to close the switch during the engaging movement of the plug terminals into the socket terminals.

2,450,337
AUXILIARY UTILITY CABINET
Frank T. Hearst, Dallas, Tex.
Application November 2, 1946, Serial No. 707,365
7 Claims. (Cl. 312—154)



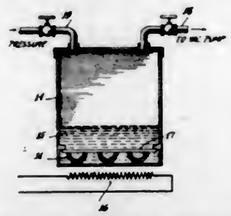
4. A utility cabinet comprising, in combination with a shelved wall cabinet, upper and lower sections joined along their frontal portions in vertically spaced relationship to define a space for receiving a shelf of said wall cabinet, an end plate also joining said sections at their ends and having a U-shaped bend intermediate its ends defining a channel receiving an end of said shelf for clamping engagement therewith.

2,450,338
VALVE STRUCTURE FOR CONTROLLING FLOW OF GASES THROUGH ABSORBERS
Jay A. Heidbrink, Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application September 3, 1946, Serial No. 694,528
5 Claims. (Cl. 128—191)



1. An absorber unit, comprising a canister formed with a plurality of chambers for holding independently of each other a supply of carbon dioxide absorber material such as soda lime, a casting secured to an end of the canister having a bottom wall and a transverse partition to form respective exhalation and inhalation chambers, a separate tube opening through the bottom wall into the exhalation chamber and the inhalation chamber respectively, an independent opening through said bottom wall into each of said absorber chambers, and a valve member in the exhalation chamber adapted to open communication therefrom to each of the absorber chambers or two thereof together.

2,450,339
METHOD OF MAKING POROUS METAL FILTERS
Franz R. Hensel, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application September 17, 1943, Serial No. 502,740
3 Claims. (Cl. 29—148)



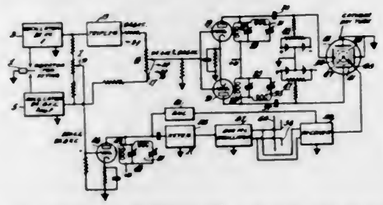
1. The method of making a micro-porous metal filter which comprises providing a thin sheet of a dense and non-porous alloy of a low boiling metal selected from the group consisting of cadmium and zinc and of at least one higher boiling metal, heating the sheet in a non-oxidizing atmosphere and under reduced pressure to the vaporization temperature of the low boiling metal but below the melting point of the alloy, and maintaining said sheet at said temperature and pressure until a substantial proportion of said low boiling metal is removed therefrom and a continuous network of minute filtering pores is provided therein.

2,450,340
SILVER BASE ALLOY FOR METAL EVAPORATION
Franz R. Hensel and Earl I. Larsen, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application February 3, 1944, Serial No. 520,974
1 Claim. (Cl. 75—173)



An alloy wire for metal evaporation composed of about .04% phosphorus, 5% platinum and the balance of silver.

2,450,341
SENSITIVE DISTANCE MEASUREMENT DEVICE
William D. Hershberger, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 28, 1940, Serial No. 358,776
13 Claims. (Cl. 343—13)

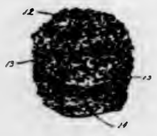


1. A distance measuring device including in combination a pair of oscillators for generating currents of different frequencies, means for keying alternately said oscillators, a cathode ray tube including means for rotational and radial deflection of said ray, means for applying the outputs of said oscillators to said rotational deflecting means to rotate said ray at rates of angular rotation corresponding to the frequencies of said oscillators, means for transmitting sharply defined pulses, second keying means interconnecting said oscillators and said transmitting means, means for receiving the transmitted pulses after reflection, and means for applying voltages derived from said receiving means to said radial deflecting means to deflect said ray radially.

2,450,342
CHLOROHYDROXYNITROPHENYL SULFIDE
William F. Hester, Drexel Hill, and W E Craig, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application August 7, 1947, Serial No. 767,318
1 Claim. (Cl. 260—609)

As a new chemical compound, bis(2-hydroxy-3-nitro-5-chlorophenyl) sulfide.

2,450,343
TREATING OXIDE ORES
John J. Howard, Philadelphia, and Harold A. Heiligman, Norristown, Pa., assignors to E. J. Lavino and Company, Philadelphia, Pa., a corporation of Delaware
Application February 1, 1947, Serial No. 725,834
3 Claims. (Cl. 23—110)

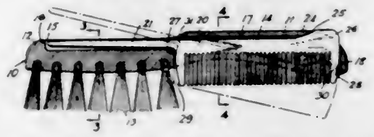


1. The process of recovering iron from ores consisting essentially of iron oxides and silica, which comprises mixing the ore with sufficient carbonaceous material to effect reduction of the iron oxides and sufficient calcium oxide yielding material to provide a CaO to SiO_2 ratio in the starting mixture that lies in a range of from 1.5 parts to 3.0 parts of CaO to 1 part of SiO_2 by weight, forming the mixture into compact shapes, subjecting the shapes to a temperature of approximately 2900° F. whereby the iron oxides are reduced to iron and formed into globules in a matrix substantially alpha calcium orthosilicate, cooling the resulting mass to atmospheric temperature to invert the calcium orthosilicate from its alpha form through its beta form and finally to its gamma form whereby during the latter inversion there is such a significant increase in volume that the matrix disintegrates into discrete particles, and recovering the iron.

3. The process of producing a refractory raw material which comprises mixing a starting material consisting essentially of iron oxides and silica with a carbonaceous reducing agent and a calcium oxide yielding material, adjusting the proportion of CaO to SiO_2 in the mixture to fall within a range of from 1.5 parts to 3.0 parts of CaO to 1 part of SiO_2 by weight, forming the mixture into shapes by pressure, subjecting the shapes to a temperature of substantially 2900° F. to re-

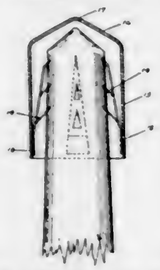
duce the iron oxides of the ore to iron and to form a calcium orthosilicate matrix, cooling the resulting mass to disintegrate the calcium orthosilicate, and recovering the calcium orthosilicate.

2,450,344
COMB AND BRUSH SET
Albert H. Jung, Flushing, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y., a corporation of New York
Application January 17, 1947, Serial No. 722,656
6 Claims. (Cl. 132—85)



1. A brush having a handle member comprising a handle and a brush back, the handle having a first longitudinal groove therein extending partway through the thickness thereof from the front face thereof and having a substantially continuous rear face, said groove thereby being closed along the major part of the rear side of the groove, the brush back having a second longitudinal groove therein extending partway through the thickness thereof from the rear face thereof toward the front face, said second groove thereby being closed along the major part of the front side of said groove, the first and second groove communicating at the adjacent ends thereof, the handle having an opening at that end wall of the first groove which is remote from the second groove, said opening extending through the handle and being adapted to receive a projection on the back of the toothed part of a comb frictionally held in the first groove.

2,450,345
PROTECTIVE CAP FOR WOOD POSTS, POLES, AND THE LIKE
William Martin Kervin, Montreal, Quebec, Canada
Application November 18, 1944, Serial No. 564,121
In Canada March 6, 1944
1 Claim. (Cl. 20—100)



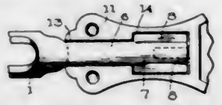
A protection cap for wood posts, poles and the like comprising a tubular cover having a closed end and an open end and adapted to enclose the exposed end of the article to be protected, and a plurality of engaging members having fixed ends secured to the inner surface of the said cover adjacent to the open end thereof and having free ends extending inwardly and toward the closed end of said cover, and a plurality of prongs extending inwardly and toward the closed end of said cover from the inner surfaces of said engaging members and secured thereto.

2,450,346
KITCHEN UTENSIL
James E. Krilow, Atlantic City, N. J., assignor to Boardwalk Enterprises, Inc., Atlantic City, N. J., a corporation of New Jersey
Application May 16, 1944, Serial No. 535,786
2 Claims. (Cl. 30—278)



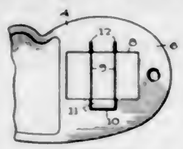
1. A kitchen utensil including a bi-sectional handle having meeting faces each of which has a semi-cylindrical groove extending inwardly from one end to form a socket when the handle sections are assembled, a guided paring blade substantially coaxial with the handle and having an extension rotatably mounted in said socket, an offset recess for the socket formed by alined offsets on the grooves of each handle section, and a wedge shaped reduced offset on the blade extension positioned in the offset recess of the socket to limit rotation of the blade.

2,450,347
PARING UTENSIL
James E. Krilow, Atlantic City, N. J., assignor to Boardwalk Enterprises, Inc., Atlantic City, N. J., a corporation of New Jersey
Application June 2, 1945, Serial No. 597,213
4 Claims. (Cl. 30—278)



3. A paring utensil including a bi-sectional handle having meeting faces each of which has a semi-cylindrical groove extending inwardly from one end and terminating in an offset recess to form a socket when the handle sections are assembled, a guided paring blade substantially coaxial with the handle and having an extension provided with an annular journal rotatably mounted in the grooved portions of the assembled handle, and wings on said blade extension cooperating with the offset recesses of the socket to limit rotation of the blade.

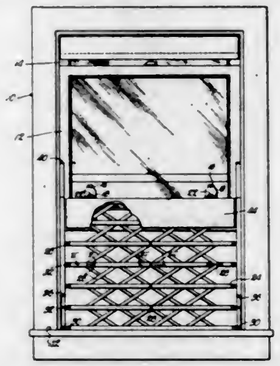
2,450,348
VEGETABLE SLITTING UTENSIL
James E. Krilow, Atlantic City, N. J., assignor to Boardwalk Enterprises, Inc., Atlantic City, N. J., a corporation of New Jersey
Application June 2, 1945, Serial No. 597,214
2 Claims. (Cl. 30—304)



1. A vegetable slitter comprising a bi-sectional support, each section having a walled aperture alined with the other when the sections are assembled in face to face contact, the portion of the section adjacent each aperture being provided with spaced sockets opening through the

wall of the aperture and contact face at one side of the aperture and an inset wall shelf at the other side of the aperture also opening through the contact face, said sockets and shelves being alined when the sections are in face to face contact, and a U-shaped cutter enclosed in the support when the sections are assembled with its base seated on the alined shelves and its arms extending across the aperture and seated in the opposite alined sockets.

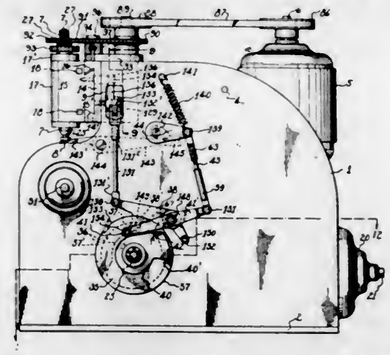
2,450,349
GUARDED WINDOW ASSEMBLY
John L. Mayer, Kansas City, Mo.
Application March 17, 1945, Serial No. 583,303
8 Claims. (Cl. 160—34)



2. A window assembly of the character described comprising a frame; a sash slidably mounted in the frame; an expansible grille having a portion at the bottom edge thereof anchored to the frame for swinging movement to and from a position substantially parallel to the sash; a bracket on the sash for engaging the grille at the top edge thereof; channels on the frame along the side edges of the grille; guide lugs on the grille arranged to slide in channels as the grille is moved to and from the expanded position as the sash is opened and closed respectively; and an apron on the grille for housing the same when collapsed.

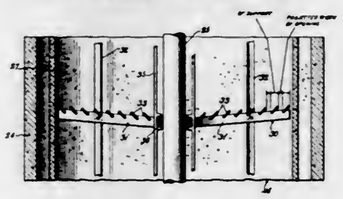
2,450,350
MILLING MECHANISM
Eric T. Nord, Amherst, Ohio, assignor to U. S. Automatic Corporation, Amherst, Ohio, a corporation of Ohio
Original application July 26, 1943, Serial No. 496,169, now Patent No. 2,381,921, August 14, 1945. Divided and this application June 27, 1944, Serial No. 542,412
2 Claims. (Cl. 90—15)

1. Milling mechanism having a frame formed with a sliding surface, a milling head formed with a cooperating sliding surface, a rotatable milling spindle mounted in the head, means for rotating the spindle, a shaft rotatably mounted in the frame and means for rotating the same, a plate secured to the shaft and having a flange formed with a roller groove, the flange having a cam surface with a low part forming a wall of the groove, a roller engaged by the cam, a pivotal support for the roller in which it is rotatably mounted, and connections between said support and the milling head effecting reciprocatory sliding movements of the latter, the milling head engaging the frame with frictional resistance to sliding movement sufficient to maintain the roller in intimate contact with the high point of the



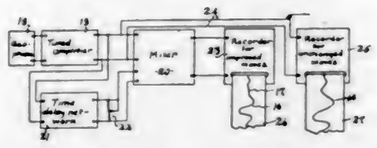
cam, and cooperating means mounted on the plate and the roller support for positively directing the roller into the groove.

2,450,351
APPARATUS FOR WASHING GEL PELLETS
John W. Payne, Peter D. Valas, and Edwin H. Atwood, Woodbury, and Eric V. Bergstrom, Short Hills, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application March 8, 1945, Serial No. 581,690
11 Claims. (Cl. 134—102)



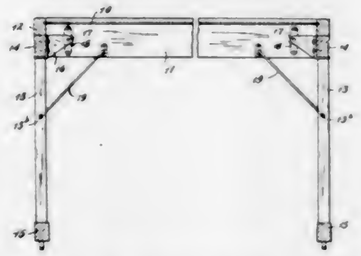
1. In a washer for washing spheroidal hydrogel pellets and for sluicing washed pellets from said washer; a side wall and bottom defining a washing tank, a central well in said tank, means to withdraw a fluid stream from the bottom of said central well, means to flow a stream of washing fluid through said tank from top to bottom, an annular partition inside and spaced from said side wall having the top edge thereof below the top of said side wall and the bottom edge near said bottom of said tank, an annular wall spaced inwardly from said partition having its top edge above and its bottom edge a short distance below the said top edge of said partition, means to induce upward flow of fluid between said partition and said annular wall, a plurality of decks mounted for rocking motion about a horizontal axis spaced about two-thirds of the distance from the said well inside said partition at levels vertically spaced about two to three feet; each of said decks comprising a plurality of slats parallel to and spaced one from another to provide openings through said decks between said slats, the projected width of said slats on a horizontal plane being about six inches, and greater than the projected width of said openings, said slats having their upper surfaces inclined to the horizontal at an angle of about 30° to 60°; and means to cause rocking motion of said decks.

2,450,352
SEISMIC WAVE CORRECTION MEANS AND METHOD
Raymond G. Piety, Yonkers, N. Y., assignor to Phillips Petroleum Company, a corporation of Delaware
Application July 25, 1944, Serial No. 546,567
3 Claims. (Cl. 177—352)



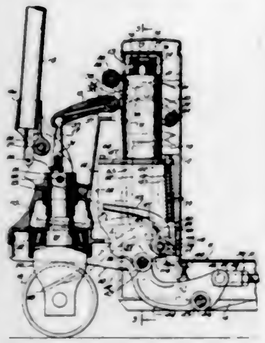
1. In an apparatus of the type described, the combination comprising means for converting physical vibrations into electrical currents comprising closely succeeding wave trains, a tuned amplifier connected to said means and having an output circuit, means connected in said output circuit for generating a similar current delayed in time one-half cycle, said means comprising a time delay network having a substantially linear response over a frequency range and including a plurality of cascaded vacuum tubes, means connected in said output circuit and to said last means for algebraically adding said currents, and means for converting said added currents into a graphic representation thereof.

2,450,353
FOLDING TABLE
Alfred E. Puls, Cleveland, Ohio, and Edward R. Swenson, Metropolis, Ill., assignors to Metropolis Bending Company, Metropolis, Ill., a corporation of Illinois
Application May 16, 1945, Serial No. 594,110
2 Claims. (Cl. 311—98)



1. A foldable table having a top comprising an apron and supporting members each of which is hingedly connected to an apron member, and means for maintaining the supporting members in extended table-supporting position, said means comprising resilient brace rods each having one end bent at substantially right angles therefrom and projecting through a bore extending into the appropriate supporting member from one side thereof, the extreme end of such bent portion being provided with a lateral extension thereof to prevent withdrawal of such end portion from such bore, and means for detachably connecting the opposite end of each brace rod with the apron member to which the supporting member is pivotally connected, the said means comprising a retaining plate connected to the said apron member and provided with an aperture and the apron member having a recess registering with the said aperture, and the said opposite end of the said rod being bent at right angles and projecting through said aperture and into the said recess.

2,450,354
CONTROL LEVER
George Quayle, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn., a corporation of Connecticut
Original application July 25, 1940, Serial No. 347,466. Divided and this application May 2, 1942, Serial No. 441,417
4 Claims. (Cl. 74—533)



1. In a combination of the class described, a control pedal, means mounting said pedal for movement into three controlling positions, a spring pressing said pedal into its first or normal position, said pedal being movable manually against said spring pressure to its second position, yielding detent means constructed and arranged for maintaining said pedal in said second position against the pressure of said spring tending to return it to its first position, said pedal being manually movable further against the pressure of said spring to its third position and being free of detent control in its third position, said pedal when released for free movement from said third position to said first position moving swiftly under the pressure of said spring to said first position, said pedal in said movement striking and overcoming said yielding detent means by the momentum of said swift movement, and said yielding detent means halting the return of said pedal at said second position when said pedal is returned slowly under manual control from said third position.

2,450,355
BRAIDED SLING
David S. Robbins, Hamden, Conn., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application February 19, 1948, Serial No. 9,409
5 Claims. (Cl. 87—8)

1. A sling comprising four endless units forming a body portion and two eye portions, two of said units being made of left lay rope and the other two of right lay rope, said body portion being formed of two pairs of substantially parallel right lay ropes and two pairs of substantially parallel left lay ropes braided together, each of said eye portions being formed of two left and two right lay ropes, and a splice for one left lay rope and a splice for one right lay rope located in each eye portion, some of the endless units being of different lengths than other of the endless units



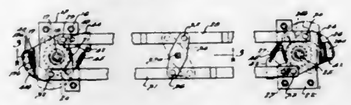
so as to equalize the stress among the various ropes.

2,450,356
BRAIDED SLING AND METHOD OF MAKING THE SAME
David S. Robbins, Hamden, Conn., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application July 31, 1946, Serial No. 687,462
6 Claims. (Cl. 87—8)



1. The method of forming an eight-part sling from two left lay ropes and two right lay ropes which comprises arranging one left and one right lay rope into a substantial V-shape with each leg of the V having one left lay and one right lay rope, gripping the ropes at the apex of the V, braiding the ropes together, opening up the braid sufficient to weave one end of the second left lay rope against one leg of the first left lay rope, weaving the other end of the second left lay rope against the second leg of the first left lay rope, weaving one end of the second right lay rope against one leg of the first right lay rope, weaving the other end of the second right lay rope against the second leg of the first right lay rope, and splicing the free ends of each rope together to form an endless unit after weaving is completed.

2,450,357
LOCKING MECHANISM
John H. Roethel, Detroit, Mich., assignor to Roethel Engineering Corporation, Detroit, Mich., a corporation of Michigan
Application January 25, 1945, Serial No. 574,575
19 Claims. (Cl. 292—26)



1. Locking mechanism for an up and down swinging lid or closure hinged to a body, comprising a pair of spaced locking members pivoted to the lid adjacent opposite sides thereof and having portions movable into and out of engagement with keeper members on the body, a pair of links pivoted at corresponding ends at vertically spaced points to said locking members, and means for shifting said links endwise in unison and substantially in parallelism to swing said locking members into and out of locking positions.

2,450,358
LINE TIGHTENER AND FASTENER
Pasquale Romano, Norwalk, Conn.
Application November 2, 1945, Serial No. 626,341
3 Claims. (Cl. 24—115)

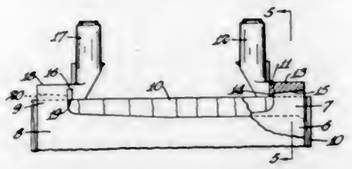


1. A line tightener and fastener comprising a body having a line-receiving aperture intermediate the ends and opposed shanks projecting from each end, an eyelet at the end of one shank, and, adjacent the end of the other shank, a line-receiving roller disposed on one side thereof and an angularly disposed arm on the other side of the shank forming a V-shaped notch with the shank.

2,450,359
BATTERY PLATE-CONNECTING STRAP
William C. Sargent, St. Paul, Minn., assignor to National Battery Company, St. Paul, Minn., a corporation of Delaware
Application March 24, 1944, Serial No. 527,984
3 Claims. (Cl. 136—134)

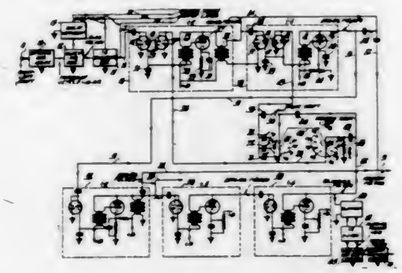
1. A unitary metallic terminal for a storage battery cell having a group of plates and separators projecting above the upper edges of the plates, comprising a horizontally elongated bar formed with a downwardly projecting flange extending the full length of the bar, the lower edge of said flange being substantially straight and

horizontal and adapted to be disposed at an elevation to engage the upper edges of substantially all of the separators located beneath the bar in the cell, an integral post projecting from said bar and a row of fingers integral with said bar



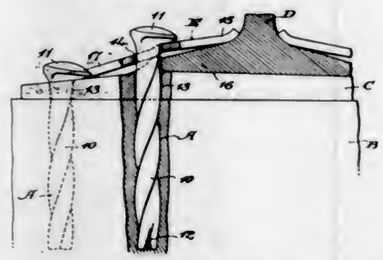
and projecting substantially horizontally from one longitudinal side of said bar, the entire bottom surfaces of said fingers being offset upward from the lower edge of said flange and extending obliquely upward to their ends remote from said bar.

2,450,360
TIMING MARKER AND STATION SELECTION APPARATUS
Earl Schoenfeld, Mamaroneck, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application August 31, 1944, Serial No. 552,146
9 Claims. (Cl. 250—27)



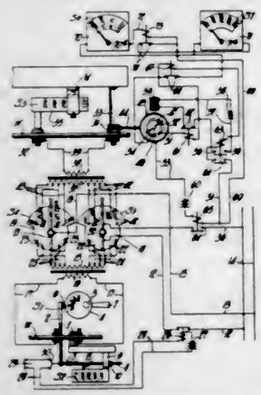
8. A timing pulse generator comprising a stable oscillator and a chain of frequency dividers connected to receive signal from said oscillator, at least two of said dividers being of the counter circuit type including a storage capacitor that is charged in steps in response to the application of successive pulses, each of said two dividers including a count subtracting circuit comprising means for charging said storage capacitor an additional predetermined number of steps in response to the application of a pulse to make the divider lose a predetermined number of counts, and switching means having successive station selection positions for selectively applying the output pulses to said chain to the second of said count subtracting means and for increasing the number of counts subtracted at every other switch position and for selectively applying said output pulses to both of said count subtracting means at the switch positions located between said every other switch positions for obtaining a plurality of selected repetition periods for said output pulses, the number of repetition periods that may be selected being greater than the number by which any one frequency divider of the chain divides the frequency.

2,450,361
SPIKE FASTENING MEANS FOR RAILWAY TRACKS
Richard T. Scholes, Hinsdale, Ill.
Application April 7, 1945, Serial No. 587,178
3 Claims. (Cl. 238—372)



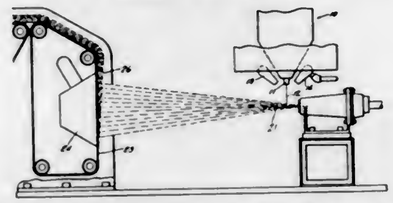
1. In combination, a railway cross-tie, a tie-plate superimposed thereon, a rail seated upon said tie plate and holding the same against rotation, a rail-holding clip having its inner portion overlying a flange of the rail, the outer portion of said clip extending outwardly beyond the edge of the rail flange into overlying relationship to the tie-plate, the said outer portion of said clip and the tie-plate having alined spike-accommodating openings therein, and a headed spike including a shank twisted uniformly throughout its length and extending through said openings and driven into the tie, the head of said spike overlying said clip and holding the latter under downward flexure, the shank of said spike being of polygonal shape in cross section, the opening in said clip being of polygonal shape and of a size to prevent longitudinal movement of said spike relative to said clip except by rotary movement of said spike relative to said clip, and means holding said clip against rotation.

2,450,362
DEVICE FOR ELECTRIC RESISTANCE HEATING OF METALS AND CONTROLS THEREFOR
William H. Scott, Trenton, N. J., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application March 2, 1945, Serial No. 580,680
4 Claims. (Cl. 219—11)



1. A device for electric resistance heating metals that decalesce when heated above a predetermined temperature comprising means for engaging metal at opposite sides of a region to be heated, a heating circuit for passing current through the metal and thereby heating it, a control circuit, an auxiliary control circuit, relay means in said control and auxiliary control circuits energizing said auxiliary control circuit on interruption of said control circuit, means interrupting said control circuit on decalescence of the metal, and time delay means in said auxiliary control circuit for interrupting said heating circuit after a predetermined interval, independent of dimensional changes in the metal after decalescence.

2,450,363
METHOD AND APPARATUS FOR MAKING FINE GLASS FIBERS
Games Slayter and Ed Fletcher, Newark, Ohio, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio, a corporation of Delaware
Application January 4, 1945, Serial No. 571,304
7 Claims. (Cl. 18—2.5)



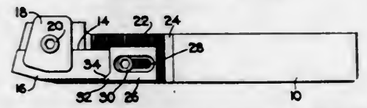
7. Apparatus for making fine glass fibers comprising a receptacle for molten glass having orifices in a wall thereof through which flow streams of molten glass, blowers at opposite sides of and in proximity to the orifices to direct blasts of gas onto the streams in the general direction of stream flow to attenuate and cool the streams to a degree whereby they are sufficiently solidified to be projected transversely into a melting and attenuating blast while maintaining the alignment of the streams, and a burner spaced in the direction of stream flow from said blowers and more remote from said receptacle than said blowers for directing an intensely hot high velocity blast onto the ends of the filaments and in a direction transversely of the direction of travel of the filaments as they are attenuated to melt the filaments and further attenuate them to fine fibers.

2,450,364
WRAPPER FOR FROZEN CONFECTIONS
Sidney B. Smith, Hollis, N. Y.
Application June 30, 1945, Serial No. 602,595
3 Claims. (Cl. 99—180)



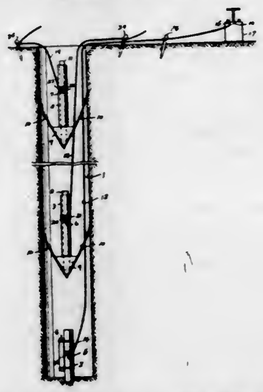
1. A wrapper for a frozen confection mounted on the end of a stick, said wrapper comprising, when opened to expose the confection for consumption, a container having the shape of a hollow inverted pyramid, the lower end of said inverted pyramid-shaped container having a small opening formed therein through which the stick extends, the stick being held snugly in said hole to provide a relatively fluid tight slit between said stick and said container, the upper end of said container being open and being relatively widely spaced from the frozen confection, thereby confining a layer of cooled air around said confection to reduce its melting rate, said container serving also, by reason of its spaced relationship with respect to the frozen confection, as a catch basin for the drippings therefrom.

2,450,365
TOOLHOLDER
Harold L. Thompson, Athol, and Nathaniel King, Fitchburg, Mass., assignors to ATF Incorporated, a corporation of New Jersey
Application June 7, 1945, Serial No. 597,984
5 Claims. (Cl. 29—96)



1. A tool holder comprising an elongated shank having a cutaway portion defining a projection at one end thereof and providing a tool bit supporting surface and a side wall abutment for the tool bit, an adjustable screw-held backing-up plate arranged on said shank for endwise abutment of the tool bit, and a screw clamp arranged on said projection and having a flange extending along and over the side of said projection opposite the said side wall, said screw clamp being adapted to maintain a tool bit in operative cutting position in the tool holder in abutment with said backing-up plate and side wall.

2,450,366
APPARATUS AND METHOD FOR SEISMOGRAPHIC EXPLORATION SHOOTING
Jerry D. Williams, Ninnekah, Okla.
Application November 24, 1944, Serial No. 565,037
1 Claim. (Cl. 102—21.8)



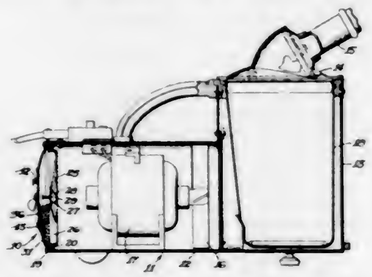
In apparatus for seismographic shooting; an anchor for an explosive charge adapted to be lowered into a bore hole and comprising, a support of an approximately triangular shape, in ele-

vation, with an apex pointed downwardly and whose upper end is formed with an approximately horizontal supporting surface, an explosive charge on said surface whose transverse diameter is not substantially greater than the width of said surface, a post secured to one side of, and upstanding from, the support, means for securing the charge to the post, wall engaging members secured to the downwardly converging margins of the support and diverging upwardly from the support and whose free ends are adapted to yieldably engage the wall of the bore to prevent substantial upward movement of the anchor in the bore, said support post and said wall engaging members forming shields for the charge to shield the charge against the force of an explosion in the bore beneath.

2,450,367
METHOD OF MAKING AMINO-SUBSTITUTED ACRIDINES
Harry James Barber, Gidea Park, England, assignor to May & Baker Limited, Dagenham, England, a British company
No Drawing. Application May 9, 1944, Serial No. 534,797. In Great Britain April 6, 1943
7 Claims. (Cl. 260—279)

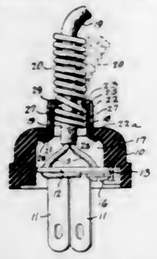
5. A process for the manufacture of a 5-amino acridine compound which consists in reacting a 5-acridyl ether with a salt selected from the group consisting of ammonium salts and salts of primary and secondary amines in an aqueous alcoholic reaction medium having a pH of at least 7 and at a temperature of between 50° and 60° C., separating from the reaction mixture the 5-amino acridine salt thus formed and basifying the product to isolate the corresponding 5-amino acridine compound.

2,450,368
FILTER AND DEMOTHER
Berry A. Baxter, Altadena, Calif.
Application December 1, 1944, Serial No. 566,219
2 Claims. (Cl. 21—127)



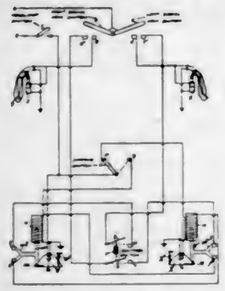
1. A vacuum cleaner including a body having a collar at one end, a filter support in said collar, said filter support including an inner retaining member and an outer supporting member coaxial with the inner supporting member, a filter member having its periphery between said members, said inner member having a plurality of air deflecting blades thereon, each blade including a plane portion and a vane portion, the plane portions serving to limit the movement of the filter member, said inner member including a hub portion said plane portions being integral with the hub portion, a flange on said retaining member and disposed in engagement with the collar, a closure having a flange thereon engaging the filter support, means to hold the closure in position, said closure having an outlet aperture therein, a disc member disposed in said aperture, and means to hold the disc member in place, said disc member being spaced from said air deflecting blades, said disc member having perforations therein.

2,450,369
MEANS FOR CONNECTING CORD SPRINGS TO ATTACHMENT PLUG CAPS
Alexander Bellis, Shelton, Conn.
Application May 14, 1947, Serial No. 748,006
5 Claims. (Cl. 173—322)



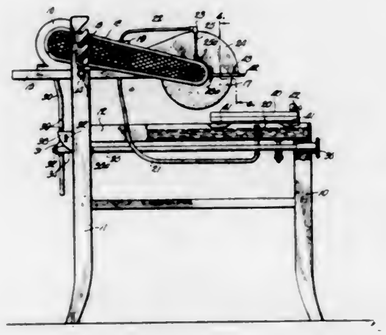
1. A device of the character described comprising an attachment plug cap including a body member of molded insulating material having a chamber therein and an opening leading to the chamber of smaller diameter so that a shoulder is provided at the inner end of the opening, a coiled spring for embracing a conductor cord as the cord extends through said opening and means for securing the spring to the body member comprising a cupped member provided with an opening in its bottom wall, an insert in the cupped member comprising a ring at the inner side of said wall and legs extending from the ring along the inner sides of the side walls of the cupped member, said cupped member resting at its free edge against the body member with said legs extending through the opening and their free ends folded over the shoulder to secure it in place, and said spring extending through the opening in the cup and ring and held thereby.

2,450,370
AUTOMOBILE HEAD LAMP CONTROL
James Clive, Ewhurst, Guildford, England
Application March 17, 1947, Serial No. 735,106
In Great Britain April 9, 1946
5 Claims. (Cl. 177—337)



1. A control circuit for the turning indicators and headlamps of automobiles, comprising right and left signal arms each having electromagnetic operating means, right and left headlamps each having electromagnetic means for swivelling its light beam laterally toward the side at which such headlamp is located, a manual switch and contacts therefor adapted to close alternatively the circuits of said electromagnetic operating means of either the right or the left signal arm and also the circuits of the electromagnetic swivelling means of either said right or said left headlamp, means for supplying current to said headlamps, and a second switch with contacts for cutting out of circuit one of said headlamps and for closing simultaneously the circuit of said electromagnetic swivelling means of the other headlamp.

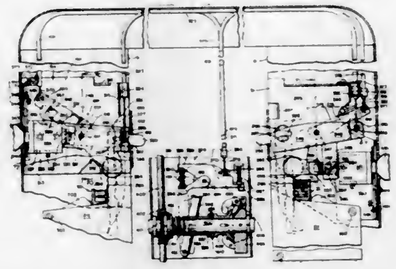
2,450,371
MASONRY SAW
Neligh Clair Coates, Kansas City, Mo.
Application March 24, 1945, Serial No. 584,544
14 Claims. (Cl. 125—13)



1. A masonry saw comprising a frame having front and rear uprights and a horizontal support therebetween, a workpiece carrier movable longitudinally of the horizontal support, a cutter head pivoted on and vertically adjustable upon the rear uprights, an adjustment bar assembly connecting the cutter head and frame adapted to hold the cutter head rigid in any selected cutting position with respect to the horizontal support and workpiece carrier, said adjustment bar assembly comprising a vertical bar located rearwardly of the rear uprights and hingedly connected at its upper end to the cutter head, a connecting device on the frame loosely encompassing the lower part of said bar whereby said bar moves longitudinally through said device to accommodate adjustment of the cutter head, and means for tightening said device on said bar thereby to hold the cutter head in a selected position.

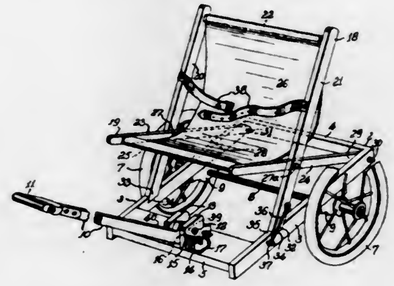
2,450,372
COINCIDENTAL VEHICLE DOOR LOCKING SYSTEM
Burnie J. Craig, Los Angeles County, Calif.
Application May 3, 1944, Serial No. 533,958
15 Claims. (Cl. 180—82)

1. A coincidental vehicle door locking system including a plurality of doors, a securing means for holding each of the doors in closed position, coincidental locking means independent of vehicle speed and operable from a location remote from the doors for locking the securing means against opening from without, inside means permitting each door to be opened individually from within independently of the remote coincidental locking means, restoring means, effective when a door is opened from within, while the locking



means is locked to restore the locking means for all the doors to unlocked condition and vehicle speed controlled means for releasing the inside door opening means.

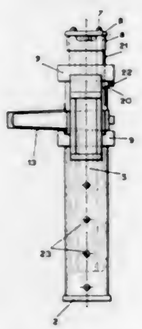
2,450,373
FOLDING GOCART
Heinrich Albert Fiene, Johannesburg, Transvaal, Union of South Africa
Application June 11, 1945, Serial No. 598,783
In the Union of South Africa June 19, 1944
8 Claims. (Cl. 280—36)



1. A folding go cart comprising a cart frame, a pair of wheels attached to the cart-frame, means for seating a child, and a handle for propelling and steering the cart, the seating means being a chair of the folding deck chair pattern formed of two chair frames each comprising two side members and an upper cross-bar, the chair frames being pivoted together between their ends on an axis transverse to the sides, and so that they may be collapsed to occupy materially a single plane and may be extended to exhibit an X-shaped side elevation and said chair also including a seat member of flexible material extending between the upper cross bars of the chair frames, the foot of one of the chair frames being pivotally attached to the cart frame on a horizontal axis, the foot of the second chair frame being free to move relatively to the cart frame to allow the seat frames to collapse from their X position to a position where both are materially in one plane with the cart frame, the length of the flexible seat member being such as to permit such collapse directly from the X position by direct separation of the upper frame cross

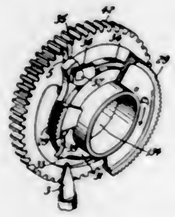
bars between which the flexible seat extends, and means for securing said foot of the second chair frame detachably to the cart frame and thereby hold the chair rigidly in its extended position.

2,450,374
TELESCOPIC TUBULAR PROP
Eugène Charles Gillet, Valenciennes, France, assignor to Societe Anonyme des Tubes de Valenciennes & Denain, Paris, France, a corporation of France
Application August 1, 1946, Serial No. 687,681
In France June 8, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires June 8, 1965
10 Claims. (Cl. 248—354)



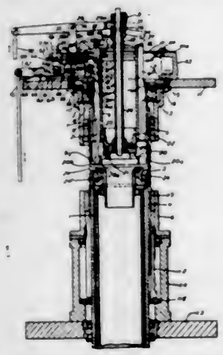
1. A metallic prop comprising in combination: a tubular standard, bearing means at the upper portion of said standard comprising a pair of vertically aligned bores formed in a pair of vertically spaced annular members interconnected by a spacer means, a transversely-expansible tubular plunger slidably mounted in said standard in normally free sliding relationship with said inner bearing means, load-supporting means at the upper end of said plunger and adapted to receive thereon a load to be supported by said structure, and blocking means for expanding said plunger into blocking relationship with said inner bearing means.

2,450,375
FUSE-SETTING APPARATUS
Valentine Pearce Harvey, Deptford, London, England, assignor to Molins Machine Company, Limited, Deptford, London, England
Application July 15, 1944, Serial No. 545,163
In Great Britain August 12, 1943
2 Claims. (Cl. 86—23)



1. A fuze-setter of the kind described having a rotatable fuze-engaging element, a rotatable driving member to rotate the latter, a control member including an adjustable stop to determine the extent to which the rotatable fuze-engaging element is to be moved, a part driven with and rotatable with the rotatable fuze-engaging element, a clutch comprising a movable element mounted on said driven part and arranged to move into engagement with said adjustable stop, said movable element being pivoted on said part so as to be capable of turning on engagement with the adjustable stop, a recess formed in said control-member adjacent said adjustable stop and into which the movable element is caused to move on being so turned, entry of said movable element into said recess locking the movable element to the adjustable stop, a driving pawl mounted for rotation with the movable element and adapted to drive said driven part, said pawl being pivoted so as to be capable of turning with the movable element and disconnecting the drive to said driven part when the movable element is locked to the adjustable stop, a recess in the driving member to receive the driving pawl, said driving member having a surface concentric with the axis of revolution thereof on which, when the movable element enters the first named recess the driving pawl fits so as to prevent said movable element from turning on its pivot thereby holding the movable element in the first named recess and locking the rotatable fuze-engaging element to the adjustable stop, the driving pawl and movable element being so arranged that movement of either into or out of its recess causes the other to move out of or into its recess, as the case may be, and means operable to return the driving pawl into its recess before a fuze-setting operation.

2,450,376
KNITTING MACHINE
Henry Harold Holmes, Leicester, England, assignor to Wildt and Company Limited, Leicester, England, a British company
Application October 9, 1946, Serial No. 702,179
In Great Britain October 19, 1945
22 Claims. (Cl. 66—14)

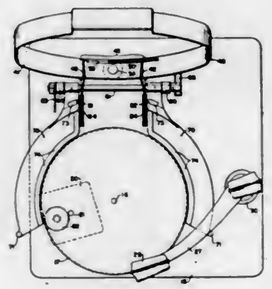


1. In a knitting machine, in combination, needles and terry elements with formations adapted to be presented for co-operation with desired needles suchwise that a terry thread can be drawn over the formations by the said needles to produce long sinker, i. e. terry, loops, said formations being also adapted to provide knocking-over bits for needles which function to concatenate knitted loops in the opposite direction to those concatenated by the needles which also produce terry loops.

2,450,377
STARCH-RESIN REACTION PRODUCT AND METHOD OF PRODUCING THE SAME
Carl C. Kesler, William C. Black, William L. Hicks, and Carlton N. Owen, Cedar Rapids, Iowa, assignors to Penick & Ford, Ltd., Incorporated, Cedar Rapids, Iowa, a corporation of Delaware
No Drawing. Application July 31, 1944, Serial No. 547,510
11 Claims. (Cl. 260—17.3)

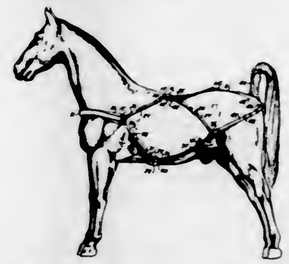
1. A method of preparing a reaction product forming a film of increased water resistance, comprising cooking with sufficient water to give the final product a fluidity suitable for application at a temperature of 170–210° F. material selected from the group consisting of starch and low-soluble dextrin, with between 5% and 20% on a starch-weight basis of a water-soluble urea-formaldehyde reaction product, and sufficient acidic material to lower the pH to substantially 4.0, and continuing the heating until the material passes through a range of increased viscosity where it is unsuitable for application and then decreases into a range where it is again suitable for application.

2,450,378
AUTOMATIC PHONOGRAPH
Arthur L. Knox, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Application May 10, 1943, Serial No. 486,301
17 Claims. (Cl. 274—10)



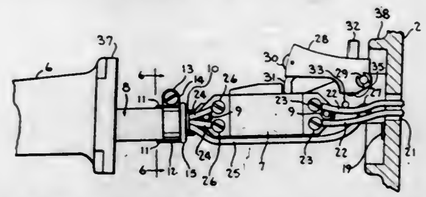
1. An automatic phonograph comprising a rotatable turntable for supporting a record, a movable magazine positioned in one plane adjacent said turntable for supporting a stack of records, driving means operatively associated with said magazine for moving it to a first position for receiving a record and to a second position for releasing a record, a movable record support positioned in another plane adjacent said turntable and said magazine, and means connected to said driving means and said record support for moving said record support in timed relation with respect to said magazine whereby, during a record-changing cycle when said magazine is in said second position, said record support may be moved to receive a record from said magazine and transfer it to the turntable, and said record support may be moved to transfer a record from the turntable to said magazine when said magazine is in said first position.

2,450,379
TAIL SET HARNESS
Elmer B. Ogan, Charlotte, N. C.
Application April 23, 1948, Serial No. 22,838
4 Claims. (Cl. 54—1)



1. Apparatus for supporting a tail elevating device on a horse, said tail elevating device comprising a forked member adapted to rest on the rump of the horse and having an upright portion adapted to fit against the rear surface of the stump of the tail of the horse to support it in elevated position, means for holding the tail elevating device in position on the horse comprising a back pad and a belly pad and a breast pad, a pair of straps connected to the tail elevating device and to the back pad, side straps connected to the rear portion of the tail elevating device on each side thereof and extending forwardly and downwardly and having their forward ends connected to the belly pad, transverse straps connected to the back pad at one end and to a medial portion of the side straps at their other ends on each side of the horse, a pair of straps having one of their ends secured to the belly pad and the back pad respectively and having their forward ends secured to the ends of the breast pad on each side thereof, all of the said straps being adjustable as to overall length to thereby cause a major portion of the force required to hold the tail elevating device in position to be borne by the breast strap.

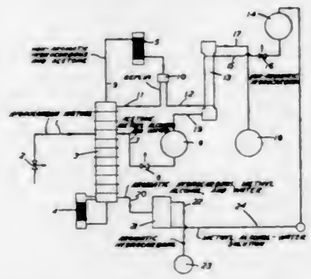
2,450,380
SWITCH HANDLE FOR PORTABLE ELECTRIC TOOLS
James Albert Perham, Aurora, Ill., assignor to Independent Pneumatic Tool Company, Chicago, Ill., a corporation of Delaware
Application March 27, 1947, Serial No. 737,701
9 Claims. (Cl. 172—36)



1. A handle assembly of the character described for portable electrically actuated tools comprising, telescopically fitting parts, an inner part in the form of a bracket member and an outer part in the form of an outer handle member, a switch unit and an actuator therefor and a cable clamp mounted on and supported by said bracket, said switch unit having terminals on the outer side thereof, an electric supply cable se-

cured to said bracket by said clamp, said cable having leads connectible to certain of said terminals, said outer handle member being hollow to enclose the bracket and the switch unit and the cable clamp thereon and having an opening to receive the actuator when the handle members are assembled, and means whereby said handle members may be secured to a tool case.

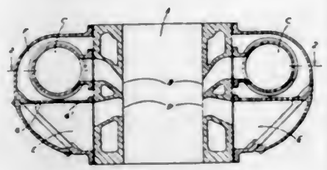
2,450,381
TREATMENT BY AZEOTROPIC DISTILLATION OF COMPLEX MIXTURES
Sydney Jamieson Ralph and George Anthony Dummett, Point Pleasant, Wandsworth, London, England, assignors to The Aluminium Plant & Vessel Company Limited, London, England, a British company
Application March 28, 1944, Serial No. 528,432
In Great Britain March 19, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires March 19, 1963
5 Claims. (Cl. 202—42)



3. A distillation treatment of complex mixtures of mutually soluble liquids inseparable or separable only with difficulty by simple distillation, comprising continuously distilling a mixed hydrocarbon fraction containing about 15% to 25% of aromatic hydrocarbons and 85% to 75% of paraffinoids with a true boiling point of 90° to 118° C. in a distillation column with an aqueous solution containing 40 to 50% of acetone and 1% to 8% of methyl alcohol under a reflux ratio of 0.8 to 2.0 to 1 with a temperature slightly above the boiling point of acetone at the top of the column and a temperature of 93°/95° C. in the heating section of the column so that the acetone from the mixture is continuously removed in the top product with the paraffinoid components while the remaining components are removed in the effluent from the base of the column.

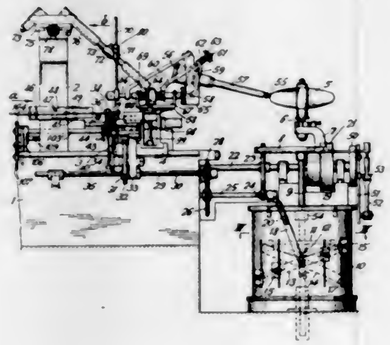
2,450,382
INTERNAL-COMBUSTION ENGINE
Harry Ralph Ricardo, London, England
Application August 13, 1947, Serial No. 768,340
In Great Britain August 28, 1946
3 Claims. (Cl. 123—52)

1. An internal combustion engine comprising in combination a cylinder, at least one passage through which flow the exhaust gases from the cylinder, at least one passage through which air for combustion enters the cylinder this air serving to supercharge the cylinder and being at a pressure in excess of the pressure mean of the exhaust gases after they leave the cylinder, a compartment through which is carried the said exhaust gas passage the said compartment providing a jacket space around the exhaust gas passage, a partition wall separating this compartment jacket space from the said passage through which air flows to the cylinder, and at



least one opening in the partition wall through which air at the pressure at which it is delivered to the cylinder can flow into the said jacket space.

2,450,383
METHOD AND MACHINE FOR PRODUCING PROPELLERS, SHIPS' SCREWS, AND THE LIKE
Werner Risch, Zurich, Switzerland
Application March 4, 1946, Serial No. 651,768
In Switzerland November 14, 1945
16 Claims. (Cl. 51—100)



1. In a propeller milling and grinding machine, a pattern carrier, a tool carrier, mounted for radial relative movement with respect to a work piece, a tool carried by said tool carrier, a movable tracer adapted to tap off a pattern carried by said pattern carrier, said tracer mounted for axial and radial movement with respect to said pattern carrier, driving mechanism for the radial movement of the tracer, driving mechanism for the radial movement of the tool, means for coupling said two driving mechanisms with variable translation, means for axially moving the tool, a system of movement transmitting elements between the tracer and the tool for transmitting the axial movement of the tracer with variable translation to the tool, a propeller blank carrier, means for imparting a to-and-fro movement to the pattern carrier, means for imparting a to-and-fro movement to the propeller blank carrier, and coupling means between the drive for the pattern carrier and the drive for the propeller blank carrier for moving the two carriers at the same rhythm but with mutually variable stroke.

2,450,384
MANUFACTURE OF FACTICE AND SULFURIZED OILS
Kenneth Charles Roberts, Clayton, England, assignor to The Anchor Chemical Company Limited, Manchester, Lancashire, England, a British company
No Drawing. Application February 6, 1946, Serial No. 645,972. In Great Britain February 13, 1945
6 Claims. (260—402.5)

1. A method of manufacturing factice, comprising reacting sulphur with a fatty oil at a temperature between 130° and 180° C., in the presence of from ½ to 10% by weight of dicyclohexylamine.

2,450,385
PLASTERER'S FEATHEREDGE DEVICE
Albert J. Schumock, Washington, D. C.
Application October 15, 1946, Serial No. 703,359
1 Claim. (Cl. 72—136)

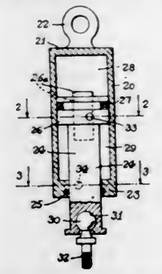


A plasterer's featheredge comprising a relatively wide, flat wooden board having approximately straight longitudinal edges, one of said edges having a longitudinal recess therein and a metal blade detachably secured in said recess and projecting outwardly therefrom, and molding strips secured to the board in corresponding locations upon opposite sides of the board parallel to and adjacently spaced from the other of said edges of the board, said molding strips and adjacent edge being rounded in transverse cross-sectional contour and the curved surfaces lying within and together defining the outline of an oval, whereby the molding strips and adjacent longitudinal edge of the board provide a comfortable and effective hand grip with the molding strips serving to strengthen and maintain the board against warping in the direction of its length.

2,450,386
MANUFACTURE OF COMPOUNDS CONTAINING AMIDINE GROUPS
Wallace Frank Short and Maurice William Partridge, Nottingham, England, assignors to Boots Pure Drug Company Limited, Nottingham, England, a company of Great Britain
No Drawing. Application August 23, 1946, Serial No. 692,700. In Great Britain September 4, 1945
4 Claims. (Cl. 260—564)

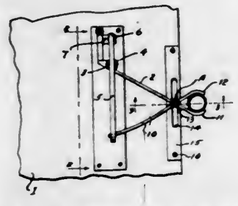
1. In a process for the manufacture of compounds containing amidine groups by reacting a nitrile of the general formula R.CN, where R is a member of the group consisting of alkyl, aryl, and aralkyl radicals and heterocyclic radicals in which the hetero atoms are nitrogen atoms and the unsatisfied valency bond is on a carbon atom, with a compound selected from the group consisting of urea, ammonia, and mono-functional primary and secondary amines of the aliphatic, araliphatic, and aromatic series and of the heterocyclic series in which the hetero atoms are nitrogen atoms, the step which consists in promoting the reaction by the use of a substance selected from the group consisting of aluminum chloride, zinc chloride, ferric chloride, and stannic chloride.

2,450,387
PNEUMATIC SHOCK ABSORBER
Peter Warborn Thornhill, Leamington Spa, England, assignor to The Ribbesford Company Limited, Leamington Spa, England
Application May 8, 1946, Serial No. 668,285
In Great Britain June 15, 1945
9 Claims. (Cl. 188—88)



1. A shock absorber of the fluid pressure piston and cylinder type, comprising a pair of relatively reciprocating elements, namely, a cylinder and piston, a pair of attachment devices for said elements, a swivel connection in one of the attachment devices permitting the corresponding element to rotate about its axis relative to the other element, and rotating means for producing from the relative reciprocation of the elements rotation of that element having the swivel connection, said rotating means comprising a housing in one element, a rotary pad member mounted in said housing, and resilient means urging the rotary pad member radially into frictional engagement with a cylindrical surface of the other element, the said cylindrical surface being engaged by a part of the rotary pad member displaced from the axis of said pad member, so that as the elements move telescopically, the rotary pad member tends to roll along a helical path on the said cylindrical surface and causes rotation of one of the elements relative to the other, about its axis.

2,450,388
CLAMP FOR PLACING WELL CASINGS
Aubrey Trotter, Lafayette, La.
Application October 1, 1946, Serial No. 700,441
2 Claims. (Cl. 24—249)



2. A clamp for placing well casings, a slotted base member adapted to be secured to a derrick platform, a pivot slidable in the slot, an arm secured to the pivot and having an integral pipe-engaging jaw, an anchoring plate to which the arm is connected, a movable arm oscillatable on the pivot and having a jaw cooperating with the

first mentioned jaw, a latch extending transversely of the arms near their ends, means for pivotally mounting the latch on the anchoring plate whereby one end of the latch extends beyond the pivot, a spring interposed between the extended end of the latch and the anchoring plate for holding the latch normally operative, the said latch having a lug engaging the movable arm and operative to hold the clamp in closed position, the said clamp being operative by foot pressure to force the latch in engagement with the movable arm and also operative by foot pressure on the end of the latch to release the latch from the arm.

2,450,389

MANUFACTURE OF CROTONIC ACID

Karl Heinrich Walter Tuerck, Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland, a British company

No Drawing. Application December 9, 1944, Serial No. 567,526. In Great Britain December 2, 1943

5 Claims. (Cl. 260—530)

1. A continuous process for the manufacture of crotonic acid by the oxidation of crotonaldehyde by means of molecular oxygen characterised in that the concentration of crotonaldehyde in the liquid reaction mixture consisting of crotonaldehyde and its oxidation products is maintained above 50% by weight thereof and an oxygen-containing gas containing a proportion of oxygen greater than that of air is continuously introduced into said reaction mixture in intimate admixture therewith.

2,450,390

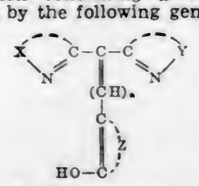
PHOTOGRAPHIC EMULSIONS CONTAINING TRINUCLEAR IMINOL CYANINE DYES

Alfred W. Anish, Vestal, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Original application January 19, 1945, Serial No. 573,631. Divided and this application March 14, 1945, Serial No. 582,819

4 Claims. (Cl. 95—7)

1. A photographic light-sensitive element which comprises a support and a gelatino silver-halide emulsion containing a sensitizing dye characterized by the following general formula:



wherein X and Y represent the atoms necessary to complete a nitrogenous heterocyclic ring system, Z represents the atoms necessary to complete a member selected from the class consisting of a five-membered and six-membered heterocyclic ring system and n represents a positive odd integer of from one to five.

2,450,391

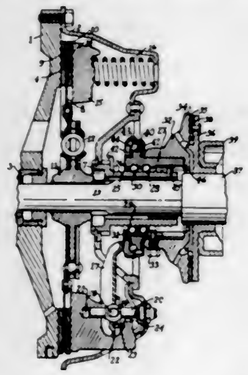
CLUTCH OPERATING MECHANISM

William B. Barnes, Muncie, Ind., assignor to Barnes Motor Developments Company, Muncie, Ind., a partnership consisting of William B. Barnes and Freda Arthur Barnes

Application February 19, 1945, Serial No. 578,601

6 Claims. (Cl. 192—35)

1. A clutch operating means for friction clutches which clutches include means for biasing the clutch members into an engaged position and means for moving said members into disengaged position, said operating means comprising a normally rotating screw member, a nut member normally free to rotate with said rotating screw member and axially movable on said screw member when relative rotation is effected between said members, brake means for holding said nut member against rotating at the same speed as the screw member to cause said nut member to advance and move said clutch



members into disengaged position and axially movable with said nut member, one of said nut and screw members having a helical channel in the periphery thereof and having a peripheral race-way connecting the ends of the helix and the other of said nut and screw members having a multiplicity of screw channels therein, said friction reducing balls mounted in said channels whereby said nut member may rotate on said screw member under the bias of said clutch biasing means when said brake means is released.

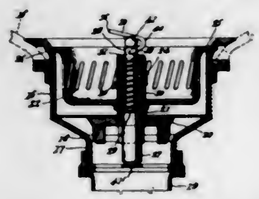
2,450,392

SINK STRAINER VALVE AND OPERATING MECHANISM THEREFOR

Patrick F. Donahue, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application July 19, 1944, Serial No. 545,689

15 Claims. (Cl. 4—287)



1. An operating mechanism for opening and closing a sink strainer plug with reference to its seat comprising a thrust member on which said plug is slidable, yieldable means between said thrust member and plug reacting against said thrust member for normally elevating the plug from its seat, and means carried by said thrust member in position to engage said plug for pushing the plug home against its seat.

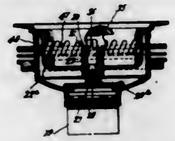
2,450,393

SINK STRAINER VALVE AND OPERATING MECHANISM THEREFOR

Patrick F. Donahue, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application October 25, 1945, Serial No. 624,387

6 Claims. (Cl. 4—287)



1. For use with a sink drain bowl or the like having a drain outlet, a basket strainer in the bowl, a plug below the strainer to close and open the drain outlet, fixed and movable cooperating guides for the strainer and plug respectively, an operating member for the plug, said member pivoted to the guide member and comprising a formed shell of U-shape in cross-section providing substantially parallel side walls with a connecting wall of general arcuate form in longitudinal section, the distal edges of said walls forming cam surfaces coacting with the fixed guide for moving the plug relative to the basket strainer, and the edge of said connecting wall removed from the pivot axis of said operating member being of a shape complemental to the shape of the fixed guide and adapted to snugly fit thereagainst when the operating member is in plug-open position.

2,450,394

PREPARATION OF SPHEROIDAL CATALYSTS

Henry Trueheart Brown, Whiting, Ind., and Rodney V. Shankland, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application July 31, 1943, Serial No. 496,844

9 Claims. (Cl. 252—259.2)

1. The process of making spheroidal solid contact catalysts of high physical strength which comprises forming into droplets a stable inorganic oxide sol in a first liquid supporting medium immiscible with said sol and containing a coagulating agent therefor, regulating the composition of said sol to produce droplets in spheroidal form in said supporting medium, maintaining said droplets in suspension in said medium for sufficient time to effect partial gelation of said sol and confer sufficient mechanical strength on said droplets to prevent rupture in subsequent handling, and finally completing the gelation of said droplets by passing them into a second liquid supporting medium immiscible with said first liquid medium and in contact therewith comprising an aqueous liquid containing a coagulating agent for said sol, and thereafter removing the resulting gel particles from said aqueous liquid and drying them without coalescence.

2,450,395

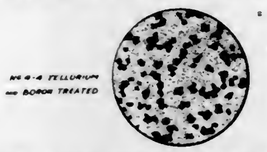
MALLEABLE CAST IRON

Harry A. Eckman and Henry W. Maack, Chicago, Ill., assignors to Crane Co., Chicago, Ill., a corporation of Illinois

Application August 2, 1944, Serial No. 547,754

5 Claims. (Cl. 75—123)

3. An annealable white iron casting of relatively heavy section and substantially free from primary graphite, containing at least 2.25% carbon, at least .60% silicon, at least .30% manganese and small amounts of carbide forming elements tellurium and boron to prevent separation of free graphite during solidification, said amounts being .001 to .02% tellurium and .001 to .015% boron, and the relative amounts of



tellurium and boron proportioned so that the accelerating effect of the boron in decomposition of carbides during annealing offsets the retarding effect of tellurium in the graphitization of malleable iron.

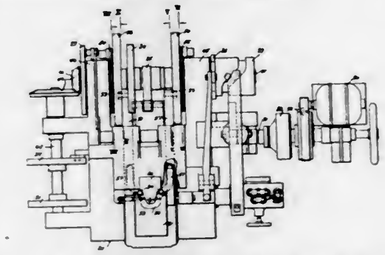
2,450,396

CHAIN FORMING MACHINE

Lowell B. Gilbert, Kenmore, and Raymond J. Kieffer, Tonawanda, N. Y., assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y., a corporation of New York

Application January 10, 1945, Serial No. 572,168

24 Claims. (Cl. 59—27)



1. In a chain forming machine, the combination with the forming slides and follower means carried by each slide, of a forming cam associated with each of the follower means for operating the slides, each of the cams having an irregular groove and a cylindrical groove for cooperation with the associated follower means, each cam having a movable portion for directing the follower means through either of said grooves, a shifter plate slidably carried by the cam and movable with the movable portion thereof, a shifter roller carried by said shifter plate, a track plate carried by the machine and arranged adjacent the cam, a shifter track carried by said track plate, connecting means carried by said cam portion for cooperation with either the inside or outside surfaces of said track, and means carried by said track plate for guiding said connecting means to the inside or outside surfaces of said track.

2,450,397

5-HYDROXY - 1,3,4 - TRIAZAINDOLIZINES AS STABILIZERS FOR PHOTOGRAPHIC SILVER-HALIDE EMULSIONS

Newton Heimbach, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

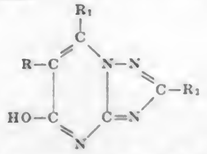
Application October 22, 1946, Serial No. 704,932

12 Claims. (Cl. 95—7)



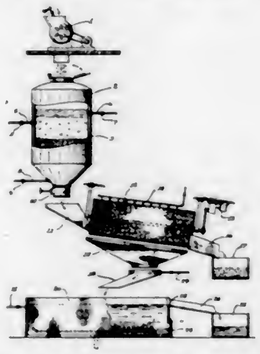
1. A photographic material comprising a base and a light-sensitive silver-halide emulsion car-

ried thereby, said photographic material containing, in fog inhibiting amount, a compound of the general formula:



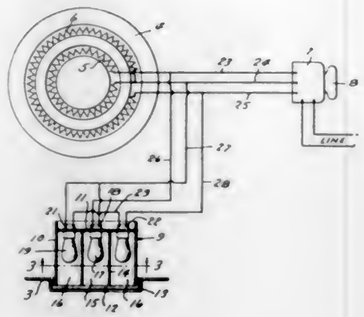
wherein R is a member selected from the class consisting of hydrogen and carbalkoxy groups, R_1 is a member selected from the class consisting of hydrogen, methyl and phenyl groups, and R_2 is a member selected from the class consisting of hydrogen, alkyl, aryl, carboxy, and carbalkoxy groups.

2,450,398
FLOTATION OF BONE PARTICLES
Marion D. Sanders, Washington, D. C., assignor to Swift & Company, Chicago, Ill., a corporation of Illinois
Application April 3, 1944, Serial No. 529,381
5 Claims. (Cl. 209—155)



1. In a method of classifying bone scrap material rich in calcium phosphate and having protein, fat, and other matter mixed therewith wherein the components rich in calcium phosphate are separated from the protein, fat, and other matter by crushing the said bone scrap to a particle size approximately 2 inches in diameter prior to rendering, thereafter separating the fat, glue liquor, and coarse bone scrap from the rendered crushed bone scrap fines, and subjecting the said fines to a hydraulic classifying process to recover a substantial quantity of the material rich in calcium phosphate, the improvement which comprises: submerging the said fines containing components rich in calcium phosphate and protein matter having a specific gravity greater than water in an elongated, relatively narrower, classifying zone containing a liquid aqueous medium; maintaining the entire contents of the classifying zone in a state of continuous, vigorous agitation by introducing therein air under high pressure, the major portion of the said protein matter being suspended in the upper portion of the classifying zone without suspending in the said upper zone more than a minor proportion of the components rich in calcium phosphate; decanting the suspended protein matter from the upper portion of the classifying zone; and collecting the components rich in calcium phosphate remaining in the lower portion of the classifying zone.

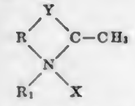
2,450,399
INDICATOR FOR ELECTRIC RANGES
Robert G. Sheidler, Mansfield, Ohio, assignor to The Tappan Stove Company, Mansfield, Ohio, a corporation of Ohio
Application January 9, 1948, Serial No. 1,350
4 Claims. (Cl. 219—37)



3. In an electric range having a plurality of heating elements each of which comprises a plurality of concentric heating coils and means for selectively energizing said coils, the combination with each of said heating elements of an indicator mounted independently of said heating element for visibly indicating the condition of the heating coils therein, each of said indicators being designed to simulate a heating element and comprising a plurality of concentric compartments corresponding to the plurality of heating coils in the heating element associated therewith, a signal lamp in each of said compartments, and an electrical conductor between each of said lamps and a corresponding heating coil.

2,450,400
PROCESS FOR PRODUCING DYE INTERMEDIATES
Thomas Robert Thompson, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application January 26, 1944, Serial No. 519,811
17 Claims. (Cl. 260—298)

1. The process which comprises reacting a quaternary ammonium salt in which the heterocyclic nitrogenous ring contains only 5 atoms and having the formula

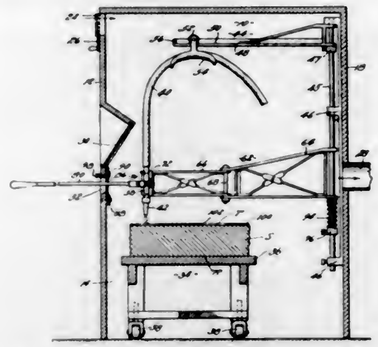


with a compound selected from the group consisting of thio acids having the grouping



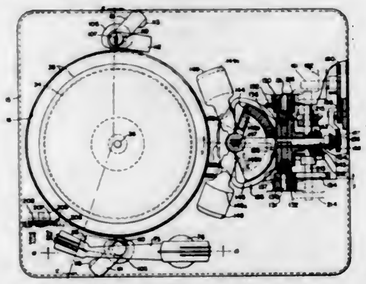
and salts of said acids, where Y in the above formula is selected from the group consisting of sulfur and selenium, R is selected from the group consisting of vinylene, phenylene and naphthylene, R_1 is selected from the group consisting of alkyl, aryl and aralkyl, and X is an acid radical.

2,450,401
APPARATUS FOR ENGRAVING TOMBSTONES AND THE LIKE
William H. Thompson, Wilson, Kans.
Application October 7, 1944, Serial No. 557,695
3 Claims. (Cl. 51—8)



1. An apparatus of the class described comprising a compartment, a sand blast hose supported on a horizontally swingable crane and having a depending vertically disposed nozzle vertically carried by a horizontally swingable support whereby to direct a vertical stream of sand therefrom, means extending through the wall of said compartment whereby the position of said nozzle is controlled from outside the compartment, and means for supporting an article having a surface to be sand blasted in a horizontal position substantially parallel with the planar movement of said nozzle.

2,450,402
TURNOVER RECORD CHANGER
Jerald D. Weaver, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Application May 15, 1942, Serial No. 443,048
10 Claims. (Cl. 274—10)

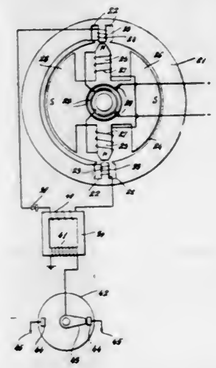


1. An automatic phonograph comprising a rotatable turntable for supporting a stack of records, a pair of movable members positioned beyond the periphery of said turntable and being movable in first and second planes, record-engaging means on each of said movable members for engaging the top record on said turntable adjacent the peripheral edge of said record when said members are moved in said first plane and for raising said record a limited distance from said turntable when said members are moved in said second plane and means operatively associated with said movable members and movable under the raised record for elevating it from said record-engaging means.

2,450,403
PROCESS OF MAKING SULFURIZED JOJOBA OIL
Franklin B. Wells, Verona, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application September 21, 1944, Serial No. 555,195
1 Claim. (Cl. 260—399)

The process of making a liquid highly sulfurized jojoba bean oil containing up to about 31% combined sulfur, which comprises heating jojoba bean oil and adding sulfur portionwise thereto on the up-heat between 250° F. and 400° F., whereby the reaction product when cold is a solid when formed with large amounts of sulfur, and thereafter continuing the heating at between 350° F. and 400° F. for up to about 20 minutes until the reaction product when cold is liquid.

2,450,404
IGNITION SYSTEM
Donald I. Bohn, Pittsburgh, Pa.
Application August 4, 1945, Serial No. 608,881
8 Claims. (Cl. 315—218)

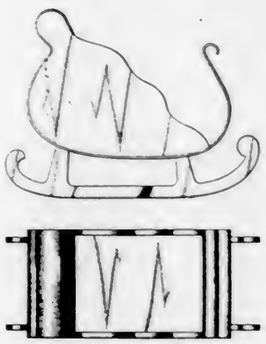


1. In an internal combustion engine ignition system, the combination of an impulse generator driven by the engine in timed relation and having armature and field pole structures adapted to produce solely through relative rotation therebetween a potential output consisting of full wave, steep front voltage impulses of the same starting polarity in synchronism with the firing periods of the engine, with a period of substantially zero potential generation between successive impulses, a step-up transformer having its primary connected to the output terminals of said generator and a load circuit connected to the secondary of said transformer and including spark gap means for said engine periodically energized by said impulses.

DESIGNS

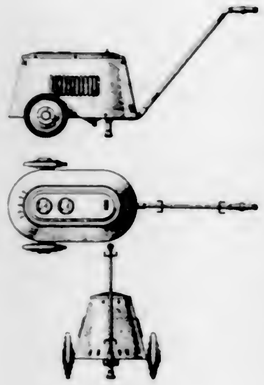
SEPTEMBER 28, 1948

151,116
DESIGN FOR A TABLE ORNAMENT
Charles W. Biener, Yakima, Wash.
Application October 4, 1946, Serial No. 133,769
Term of patent 7 years
(Cl. D29—23)



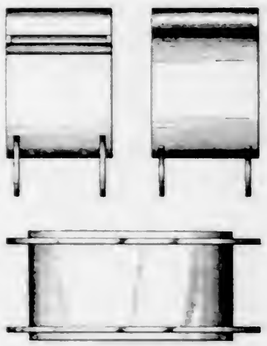
The ornamental design for a table ornament, as shown.

151,117
DESIGN FOR A BATTERY CHARGING MACHINE OR SIMILAR ARTICLE
Albert C. Blevins, Dallas, Tex., assignor to Comet Battery Charger Company, Ltd., Dallas, Tex.
Application July 21, 1947, Serial No. 140,413
Term of patent 7 years
(Cl. D26—5)



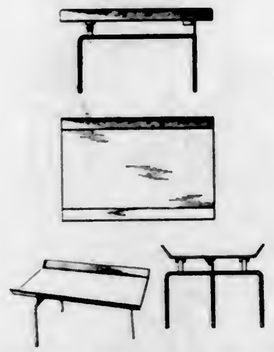
The ornamental design for a battery charging machine or similar article, as shown.

151,118
DESIGN FOR A TRAVELING LAWN SPRINKLER
Birger J. Borgerson, Chicago, Ill.
Application January 17, 1947, Serial No. 136,194
Term of patent 7 years
(Cl. D91—1)



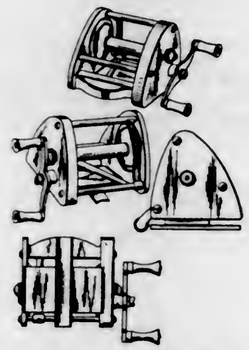
The ornamental design for a traveling lawn sprinkler, substantially as shown.

151,119
DESIGN FOR A TABLE
Charles Eames, West Los Angeles, Calif., assignor to Evans Products Company, Detroit, Mich., a corporation of Delaware
Application March 27, 1947, Serial No. 137,935
Term of patent 14 years
(Cl. D33—14)



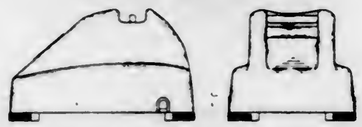
The ornamental design for a table, as shown.

151,120
DESIGN FOR A FISHING REEL
Louis S. Elsinger, Tampa, Fla.
Application December 3, 1945, Serial No. 124,295
Term of patent 3½ years
(Cl. D31—4)

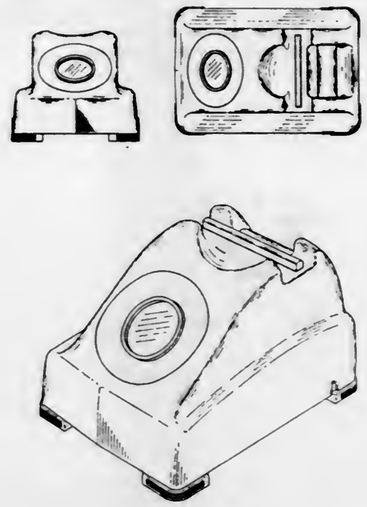


The ornamental design for a fishing reel, as shown.

151,121
DESIGN FOR A TELEPHONE DESK UNIT
Clifford E. Erickson, Chicago, Ill., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill., a corporation of Illinois
Application April 19, 1946, Serial No. 128,801
Term of patent 14 years
(Cl. D26—14)

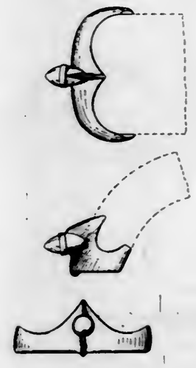


151,121—Continued



The ornamental design for a telephone desk unit, substantially as shown.

151,122
DESIGN FOR A COMBINED TAIL LIGHT AND END PIECE FOR MOTORCYCLE FENDERS
Harry Firth, Toronto, Ontario, Canada
Application February 14, 1947, Serial No. 136,907
Term of patent 3½ years
(Cl. D90—1)



The ornamental design for a combined tail light and end piece for motorcycle fenders, as shown.

151,123
DESIGN FOR A NEGLIGEE
Violet Giovagnoni, New York, N. Y.
Substituted for abandoned application Serial No. D. 136,110, January 13, 1947. This application January 13, 1948, Serial No. 143,714
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a negligee, substantially as shown and described.

151,124
DESIGN FOR A LOLLIPOP
George Goodes, Jersey City, N. J.
Application October 9, 1947, Serial No. 141,815
Term of patent 3½ years
(Cl. D82—2)



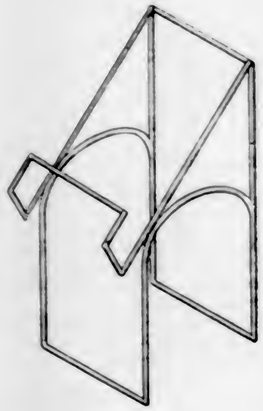
The ornamental design for a lollipop, as shown.

151,125
DESIGN FOR A PERFUME BOTTLE
Eli Gordon and Henry Sanders, Los Angeles, Calif.
Application June 29, 1946, Serial No. 131,171
Term of patent 7 years
(Cl. D58—9)



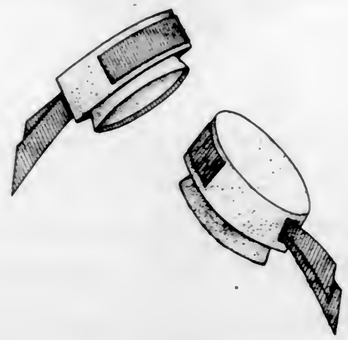
The ornamental design for a perfume bottle, as shown.

151,126
DESIGN FOR A SUPPORT FOR A SOAP TRAY OR THE LIKE
Ferdinand A. Hilenski, Salem, Mass.
Application October 25, 1946, Serial No. 134,261
Term of patent 3½ years
(Cl. D4—3)



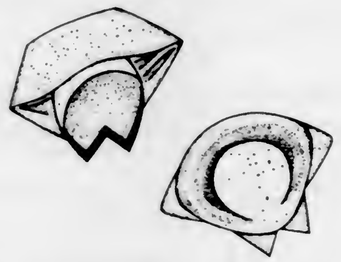
The ornamental design for a support for a soap tray or the like, as shown.

151,127
DESIGN FOR A HAT
G. Howard Hodge, New York, N. Y.
Application June 17, 1947, Serial No. 139,759
Term of patent 3½ years
(Cl. D3—13)



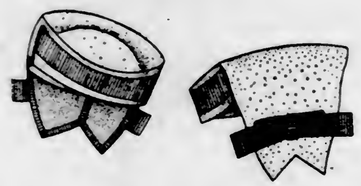
The ornamental design for a hat, substantially as shown.

151,128
DESIGN FOR A HAT
G. Howard Hodge, New York, N. Y.
Application June 17, 1947, Serial No. 139,760
Term of patent 3½ years
(Cl. D3—13)



The ornamental design for a hat, substantially as shown.

151,129
DESIGN FOR A HAT
G. Howard Hodge, New York, N. Y.
Application June 17, 1947, Serial No. 139,762
Term of patent 3½ years
(Cl. D3—13)



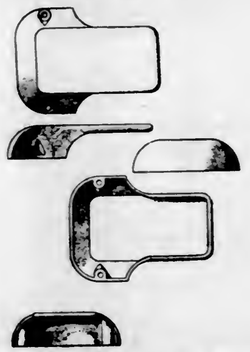
The ornamental design for a hat, substantially as shown.

151,130
DESIGN FOR AN EAR CLIP FINDING
Karl F. Hoeckele, Newark, N. J., assignor to Eastern Jewelry Finding Works, Inc., a corporation of New Jersey
Application January 30, 1948, Serial No. 144,147
Term of patent 7 years
(Cl. D45—1)



The ornamental design for an ear clip finding, substantially as shown.

151,131
DESIGN FOR A DOOR PULL
Lewis L. Kadleck, Fort Worth, Tex.
Application December 16, 1946, Serial No. 135,541
Term of patent 3½ years
(Cl. D10—8)



The ornamental design for a door pull, as shown.

151,132
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,776
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,133
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,778
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,134
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,784
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,135
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,803
Term of patent 7 years
(Cl. D45—9)



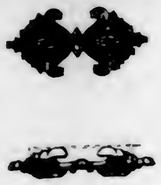
The ornamental design for an earring or similar article, substantially as shown.

151,136
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,804
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,137
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,932
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,138
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,934
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,139
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 21, 1948, Serial No. 143,938
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,140
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 22, 1948, Serial No. 143,967
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,141
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,173
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,142
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,256
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,143
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,258
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,144
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,260
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,145
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,262
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,146
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,264
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,147
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I.
Application February 19, 1948, Serial No. 144,611
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,148
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I.
Application February 19, 1948, Serial No. 144,612
Term of patent 7 years
(Cl. D45—9)



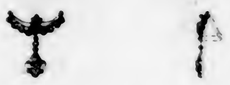
The ornamental design for an earring or similar article, substantially as shown.

151,149
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 27, 1948, Serial No. 144,785
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,150
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 27, 1948, Serial No. 144,786
Term of patent 7 years
(Cl. D45—9)



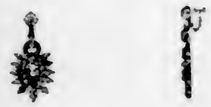
The ornamental design for an earring or similar article, substantially as shown.

151,151
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I.
Application March 13, 1948, Serial No. 145,074
Term of patent 7 years
(Cl. D45—19)



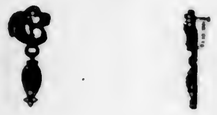
The ornamental design for a separable brooch or similar article, substantially as shown.

151,152
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I.
Application March 17, 1948, Serial No. 145,169
Term of patent 7 years
(Cl. D45—9)



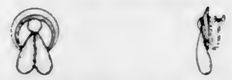
The ornamental design for an earring or similar article, substantially as shown.

151,153
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I.
Application March 17, 1948, Serial No. 145,170
Term of patent 7 years
(Cl. D45—9)



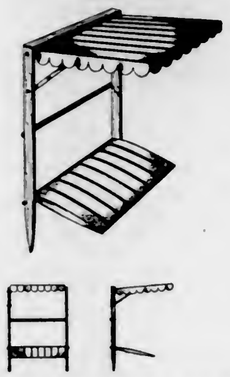
The ornamental design for an earring or similar article, substantially as shown.

151,154
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I.
Application March 17, 1948, Serial No. 145,173
Term of patent 7 years
(Cl. D45—9)



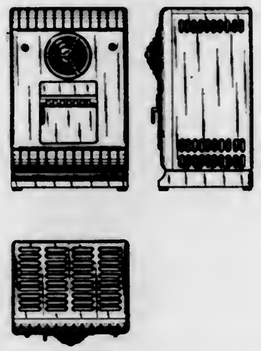
The ornamental design for an earring or similar article, substantially as shown.

151,155
DESIGN FOR A SUN-BATHING AWNING
Olaf D. Koski, Seattle, Wash.
Application October 4, 1946, Serial No. 133,767
Term of patent 14 years
(Cl. D88—3)



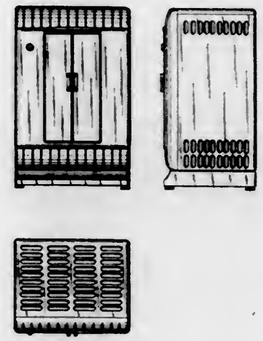
The ornamental design for a sun-bathing awning, as shown.

151,156
DESIGN FOR A HEATER
Ralph E. Kruck, Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass., a corporation of Massachusetts
Application September 24, 1947, Serial No. 141,566
Term of patent 14 years
(Cl. D81—19)



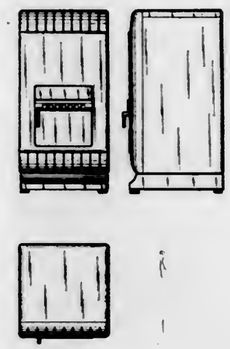
The ornamental design for a heater, as shown and described.

151,157
DESIGN FOR A HEATER
Ralph E. Kruck, Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass., a corporation of Massachusetts
Application September 24, 1947, Serial No. 141,567
Term of patent 14 years
(Cl. D81—19)



The ornamental design for a heater, as shown and described.

151,158
DESIGN FOR A HEATER
Ralph E. Kruck, Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass., a corporation of Massachusetts
Application September 24, 1947, Serial No. 141,568
Term of patent 14 years
(Cl. D81—19)



The ornamental design for a heater, as shown and described.

151,159
DESIGN FOR A NEGLIGEE
Alice Macksoud, New York, N. Y.
Application January 20, 1948, Serial No. 143,895
Term of patent 3½ years
(Cl. D3—26)



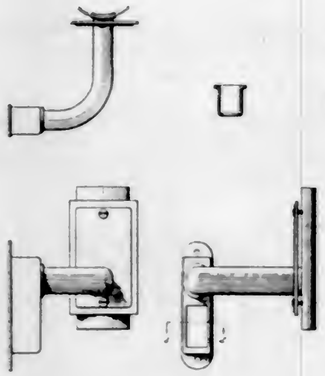
The ornamental design for a negligee, substantially as shown.

151,160
DESIGN FOR A FRUIT HOLDER
Milo J. Manca, Seattle, Wash.
Application June 6, 1946, Serial No. 130,469
Term of patent 7 years
(Cl. D44—29)



The ornamental design for a fruit holder, substantially as shown.

151,161
DESIGN FOR A MOUNTING BRACKET FOR AN ELECTRICAL FIXTURE
Clyde D. McCann, Des Moines, Iowa
Application November 29, 1946, Serial No. 135,153
Term of patent 14 years
(Cl. D48—4)



The ornamental design for a mounting bracket for an electrical fixture, substantially as shown.

151,162
DESIGN FOR A TABLE
Jerome L. Metz, Chicago, Ill., assignor to J. L. Metz Furniture Company, Hammond, Ind., a corporation of Illinois
Application April 17, 1947, Serial No. 138,454
Term of patent 7 years
(Cl. D33—14)



The ornamental design for a table, as shown.

151,163
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Oreste Pennino, New York, N. Y.
Application January 13, 1948, Serial No. 143,707
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,164
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,901
Term of patent 7 years
(Cl. D45—9)



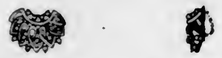
The ornamental design for an earring or similar article, substantially as shown.

151,165
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,902
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,166
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,903
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,167
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,904
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,168
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,906
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,169
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,907
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,170
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,908
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,171
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,909
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,172
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,911
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,173
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,912
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,174
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trafari, Krussman & Fishel, Inc., New York, N. Y.
Application January 20, 1948, Serial No. 143,913
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,175
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 26, 1948, Serial No. 144,051
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,176
DESIGN FOR A CLIP OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 26, 1948, Serial No. 144,056
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a clip or similar article, substantially as shown.

151,177
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 26, 1948, Serial No. 144,057
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,178
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 26, 1948, Serial No. 144,058
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,179
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 30, 1948, Serial No. 144,145
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,180
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 30, 1948, Serial No. 144,146
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,181
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 4, 1948, Serial No. 144,271
Term of patent 7 years
(Cl. D45—19)



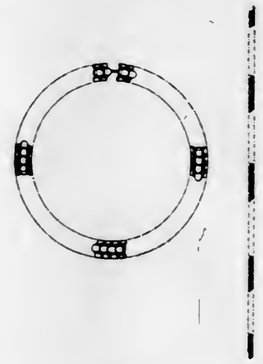
The ornamental design for a brooch or similar article, substantially as shown.

151,182
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 14, 1948, Serial No. 144,491
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,183
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 19, 1948, Serial No. 144,618
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,184
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 28, 1948, Serial No. 144,823
Term of patent 7 years
(Cl. D45—9)



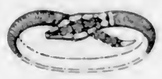
The ornamental design for an earring or similar article, substantially as shown.

151,185
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 28, 1948, Serial No. 144,824
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,186
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 28, 1948, Serial No. 144,825
Term of patent 7 years
(Cl. D45—4)





The ornamental design for a bracelet or similar article, as shown and described.

151,187
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 13, 1948, Serial No. 145,075
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,188
DESIGN FOR A STOOL OR SIMILAR ARTICLE
Edward V. Price and Veronica E. Price, Van Nuys, Calif.
Application June 19, 1946, Serial No. 130,862
Term of patent 14 years
(Cl. D15—8)



The ornamental design for a stool or similar article, substantially as shown and described.

151,189
DESIGN FOR A COMBINED STAND, ELECTRIC HEATER AND FAN
John T. Rausch and George Towne, Danville, Ill.
Application November 2, 1946, Serial No. 134,478
Term of patent 14 years
(Cl. D81—10)





The ornamental design for a combined stand, electric heater and fan as shown and described.

151,190
DESIGN FOR A COAT
George Reiter, New York, N. Y.
Application December 1, 1947, Serial No. 142,897
Term of patent 3½ years
(Cl. D3—4)



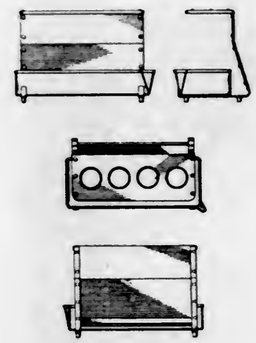
The ornamental design for a coat, substantially as shown.

151,191
DESIGN FOR A SUIT
George Reiter, New York, N. Y.
Application December 1, 1947, Serial No. 142,898
Term of patent 3½ years
(Cl. D3—4)



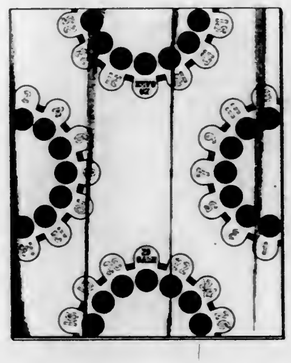
The ornamental design for a suit, substantially as shown.

151,192
DESIGN FOR A BOTTLE DRAINER
Harry Roe, Kansas City, Mo.
Application March 10, 1947, Serial No. 137,494
Term of patent 14 years
(Cl. D91—1)



The ornamental design for a bottle drainer, as shown.

151,193
DESIGN FOR A GAME BOARD
John Scarne, Fairview, N. J.
Application July 29, 1946, Serial No. 132,080
Term of patent 14 years
(Cl. D34—5)



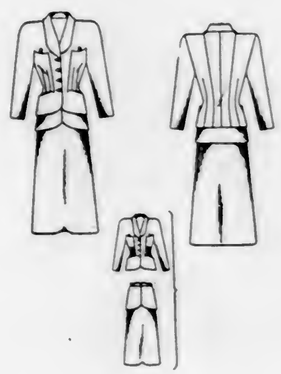
The ornamental design for a game board, as shown.

151,194
DESIGN FOR A SUIT
Benjamin Schultz, New York, N. Y.
Application December 1, 1947, Serial No. 142,900
Term of patent 3½ years
(Cl. D3—4)



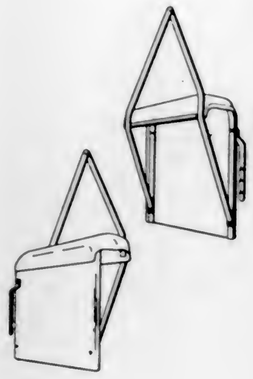
The ornamental design for a suit, substantially as shown.

151,195
DESIGN FOR A SUIT
Benjamin Schultz, New York, N. Y.
Application December 1, 1947, Serial No. 142,901
Term of patent 3½ years
(Cl. D3—4)



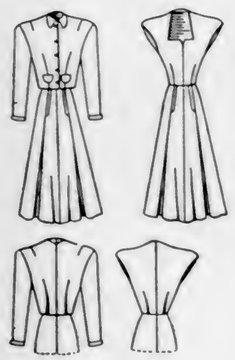
The ornamental design for a suit, substantially as shown.

151,196
DESIGN FOR A SWING END FRAME
William I. Smith, Perrysburg, Ohio, assignor to The Hettrick Manufacturing Company, Toledo, Ohio, a corporation of Ohio
Application August 14, 1946, Serial No. 132,521
Term of patent 14 years
(Cl. D15—11)



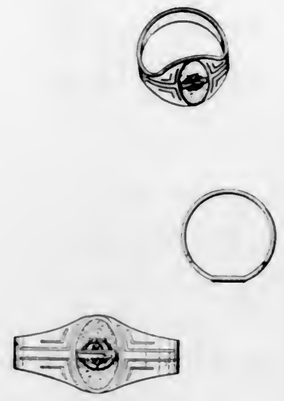
The ornamental design for a swing end frame, as shown.

151,197
DESIGN FOR A DRESS ENSEMBLE
John F. Strassner, New York, N. Y.
Application December 18, 1947, Serial No. 143,225
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress ensemble, substantially as shown and described.

151,198
DESIGN FOR A FINGER RING
Robert H. Taylor, Brooklyn, N. Y.
Application June 19, 1946, Serial No. 130,853
Term of patent 3½ years
(Cl. D45—10)



The ornamental design for a finger ring, as shown.

151,199
DESIGN FOR A TUB FILLER WITH TRANSFER UNIT FOR DIVERTING WATER TO SHOWER
Amy Lenore Thomssen, Toledo, Ohio, assignor to Barnes Manufacturing Co., Mansfield, Ohio, a corporation of Ohio
Application April 30, 1947, Serial No. 138,727
Term of patent 14 years
(Cl. D91—3)



The ornamental design for a tub filler with transfer unit for diverting water to shower, as shown.

151,200
DESIGN FOR A BOWLING GAME BOARD
Harvey M. Wescott, South Westport, Mass.
Application September 18, 1946, Serial No. 133,391
Term of patent 14 years
(Cl. D34—5)



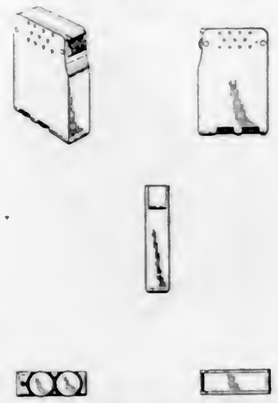
The ornamental design for a bowling game board, as shown.

151,201
DESIGN FOR A RACK POOL BOARD
Harvey M. Wescott, South Westport, Mass.
Application September 18, 1946, Serial No. 133,392
Term of patent 14 years
(Cl. D34—5)



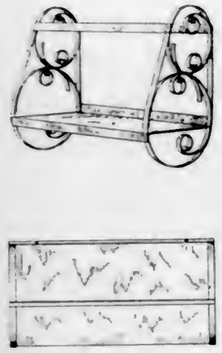
The ornamental design for a rack pool board, as shown.

151,202
DESIGN FOR A CIGARETTE LIGHTER
Raymond Wolanske, North Tonawanda, N. Y., assignor to Hygrade Industries, Inc., Buffalo, N. Y., a corporation of New York
Application February 15, 1946, Serial No. 126,598
Term of patent 7 years
(Cl. D48—27)



The ornamental design for a cigarette lighter as shown and described.

151,203
DESIGN FOR A WALL SHELF OR SIMILAR ARTICLE
Saul K. Wolff, Long Beach, N. Y.
Application April 20, 1948, Serial No. 145,837
Term of patent 3½ years
(Cl. D33—3)



The ornamental design for a wall shelf or similar article, as shown.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Adler Company, The, Cincinnati, Ohio. Knitted socks. Serial No. 525,756, Sept. 28. Class 39.
Affiliated Retailers, Inc., New York, N. Y. Vacuum bottles and lunch boxes. Serial No. 520,078, Sept. 28. Class 2.
Airtite Mfg. Co.: *See*—
Threm, William B.
Allied Stores Corporation, doing business as The Bon Marche, Dey Brothers & Company, and Quackenbush Company, New York, N. Y., Seattle, Wash., Syracuse, N. Y., and Paterson, N. J. Ladies' hosiery. Serial No. 521,104, Sept. 28. Class 39.
Ame Cosmetic Company: *See*—
Ame, Frank.
Ame, Frank, doing business as Ame Cosmetic Company, New Haven, Conn. Hair lotion, hair tonic, shampoo, etc. Serial No. 543,049, Sept. 28. Class 6.
American Machine and Foundry Company, Brooklyn, N. Y. Running stitch sewing machines, machines for glove sewing and ornamental stitching, and parts and accessories pertaining to such machines. Serial No. 512,305, Sept. 28. Class 23.
American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y. Oakum. Serial No. 528,848, Sept. 28. Class 1.
Angelis Sales and Service, San Francisco, Calif. Electrical appliances. Serial No. 518,867, Sept. 28. Class 24.
Aristocrat Leather Products, Inc., New York, N. Y. Compact and vanity cases. Serial No. 534,973, Sept. 28. Class 2.
Arvey Corporation, Chicago, Ill. Laminating of affixing to a paper or textile base a plastic film. Serial No. 529,342, Sept. 28. Class 55.
Atlantic Union College, South Lancaster, Mass. Wooden drawer and foot locker chests, in bookcases, tables, etc. Serial No. 521,314, Sept. 28. Class 32.
Atlas Powder Company, Wilmington, Del. Electric blasting caps. Serial No. 533,836, Sept. 28. Class 9.
Atlas Supply Company, Newark, N. J. Motor analyzers. Serial No. 531,757, Sept. 28. Class 26.
Atlas Supply Company, Newark, N. J. Fuel pumps, brake lining equipment, etc. Serial No. 531,759, Sept. 28. Class 23.
Automatic Devices Co.: *See*—
Kucera, Henry T.
Ayerst, McKenna & Harrison Limited, Rouses Point and New York, N. Y. Multiple vitamin preparations. Serial No. 550,574, Sept. 28. Class 6.
Balmer, J. H., Co., Trenton, N. J. Bathroom fixtures. Serial No. 532,108, Sept. 28. Class 13.
Baxter, Don, Inc., Glendale, Calif. Solutions containing vitamins, etc. Serial No. 528,329, Sept. 28. Class 6.
Beckerman Shoe Corporation of Boyertown, Brooklyn, N. Y. Infants' and children's shoes. Serial No. 497,694, Sept. 28. Class 39.
Behrens, Sir Jacob, & Sons, Bradford, England. Cloths and stuffs of wool, worsted or hair. Serial No. 551,684, Sept. 28. Class 42.
Bell & Howell Company, Chicago, Ill. Cleaning fluid. Serial No. 529,559, Sept. 28. Class 4.
Bellevue Creamery & Produce Co.: *See*—
Omaha Cold Storage Company.
Beneficial Industrial Loan Corporation, Wilmington, Del. Services rendered in the small loan, installment loan, etc. Serial No. 527,266, Sept. 28. Class 55.
Black Manufacturing Co., The, Seattle, Wash. Men's and boys' clothing. Serial No. 532,426, Sept. 28. Class 39.
Blake, Elizabeth V. W., Wilmington, Del. Hair tonic, face cream, talcum powder, etc. Serial No. 545,812, Sept. 28. Class 6.
Bocon Chemical Corporation, New York, N. Y. Chemical compounds. Serial No. 540,978, Sept. 28. Class 6.
Bo-Kay Perfume Co., Inc., New York, N. Y. Talcum powder, face powder and medicated powder. Serial No. 544,969, Sept. 28. Class 6.
Bon Marche, The: *See*—
Allied Stores Corporation.
Bonne Bell, Inc., Lakewood, Ohio. Shampoo in cream form. Serial No. 537,867, Sept. 28. Class 6.
Boston Woven Hose & Rubber Company, Cambridge, Mass. Plastic material. Serial No. 513,385, Sept. 28. Class 1.
Botany Mills, Inc., Passaic, N. J. Lanolin; Lanolin toilet cream; lanolin lotion, etc. Serial No. 531,767, Sept. 28. Class 6.
Bragg, Paul C., Burbank, Calif., doing business as Live Food Products Co. Bulk laxative. Serial No. 502,881, Sept. 28. Class 6.
Brody, F., & Sons Co., Des Moines, Iowa. Men's and boys' overalls, work shirts, work pants and coveralls. Serial No. 523,945, Sept. 28. Class 39.
Brooks Brothers, New York, N. Y. Bottle closures, etc. Serial No. 531,305, Sept. 28. Class 50.
Brooks, E. J., Company, Newark, N. J. Base metal seals. Serial No. 537,134, Sept. 28. Class 25.

Burns, E. Reed, Manufacturing Corporation, Brooklyn, N. Y. Polishing and buffing compound. Serial No. 531,769, Sept. 28. Class 6.
Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. Serial No. 522,976, Sept. 28. Class 11.
Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. Serial No. 523,149, Sept. 28. Class 11.
Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. Serial No. 540,167, Sept. 28. Class 11.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Parasiticides. Serial No. 535,220, Sept. 28. Class 6.
California Vegetable Growers, Guadalupe, Calif. Fresh vegetables. Serial No. 517,886, Sept. 28. Class 46.
Cambridge Paper Box Company, Cambridge, Mass. Tubular dispensing containers. Serial No. 517,552, Sept. 28. Class 2.
Caris Company, The, Brooklyn, N. Y. Bags of waterproof plastic material and waterproof material. Serial No. 519,170, Sept. 28. Class 2.
Ciba Pharmaceutical Products, Inc., Summit, N. J. A pharmaceutical preparation. Serial No. 546,760, Sept. 28. Class 6.
Clorox Chemical Co., Oakland, Calif. Bleaching, cleansing, antiseptic and germicidal compound. Serial No. 542,285, Sept. 28. Class 6.
Cohen, Yetta, doing business as The Penafax Company, Philadelphia, Pa. Alloys for use in preparing, and in dental castings. Serial No. 525,791, Sept. 28. Class 44.
Colibri Lighters Limited, London, England. Lighter fluid. Serial No. 521,722, Sept. 28. Class 6.
Colonial Airlines, Inc., New York, N. Y. Air transportation of persons, property, and mails. Serial No. 529,879, Sept. 28. Class 55.
Colorado Chemical Company, Denver, Colo. Medicated cream-like substance. Serial No. 532,911, Sept. 28. Class 6.
Colson-Merriam Co., The: *See*—
Merriam Company, Inc., The.
Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Hand cleaner and hectograph ink remover. Serial No. 519,259, Sept. 28. Class 4.
Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Solution applied to lithographic paper plates. Serial No. 540,176, Sept. 28. Class 6.
Consolidated Textile Co., Inc., New York, N. Y. Plain white, dyed, or printed cotton piece goods. Serial No. 525,300, Sept. 28. Class 42.
Copper Range Company, Painesdale, Mich., doing business under the name and style of C. G. Hussey & Company, Pittsburgh, Pa. Copper sheet, copper in rolls, copper wire, etc. Serial No. 535,490, Sept. 28. Class 14.
Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Electrical capacitors. Serial No. 544,855, Sept. 28. Class 21.
Creamery package Mfg. Company, The, Chicago, Ill. Dairy products processing equipment. Serial No. 527,591, Sept. 28. Class 23.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,112, Sept. 28. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,114, Sept. 28. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,117, Sept. 28. Class 42.
Crystal Hosiery Co., New York, N. Y. Hosiery. Serial No. 527,040, Sept. 28. Class 39.
Cudahy Packing Company, The, Chicago, Ill. Laundry soap in powdered form. Serial No. 558,351, Sept. 28. Class 4.
Cudahy Packing Company, The, Chicago, Ill. Scouring powder. Serial No. 558,372, Sept. 28. Class 4.
Currick & Leiken Co. Inc., New York, N. Y. Suits, topcoats, sport coats, and sport jackets. Serial No. 522,318, Sept. 28. Class 39.
De Laval Separator Company, The, New York, N. Y. Electrical water heaters. Serial No. 519,381, Sept. 28. Class 21.
Dey Brothers & Company: *See*—
Allied Stores Corporation.
Diversey Corporation, The, Chicago, Ill. Insecticides and moth preventative and exterminator. Serial No. 539,290, Sept. 28. Class 6.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Lead pencils. Serial Nos. 537,434–5, Sept. 28. Class 37.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Lead pencils. Serial No. 537,437, Sept. 28. Class 37.
D'Orsay Perfumeries Corporation, New York, N. Y. Toilet waters, perfumed powder sachets, face and talcum powders, etc. Serial No. 548,347, Sept. 28. Class 6.
Droescher, S. R., Inc., New York, N. Y. Razor hones. Serial No. 538,733, Sept. 28. Class 4.
Dulany, John H., & Son, Inc., Fruitland, Md. Canned vegetables. Serial No. 533,549, Sept. 28. Class 46.
Dulany, John H., & Son, Inc., Fruitland, Md. Canned vegetables. Serial No. 533,551, Sept. 28. Class 46.

Dunn Engineering Company, Detroit, Mich. Screw machine attachment for a lathe. Serial No. 505,564, Sept. 28. Class 23.

Dyacol Products Laboratory: *See*—
Payne, Clarence E.

Eastern Gas and Fuel Associates, Boston, Mass. Coal. Serial No. 538,503, Sept. 28. Class 1.

Ellis, A. D., Mills, Incorporated, Monson, Mass. Woolen piece goods. Serial No. 550,796, Sept. 28. Class 42.

Eversharp, Inc., Chicago, Ill. Fountain pens and mechanical pencils. Serial No. 533,558, Sept. 28. Class 37.

Fairbanks Company, The, New York, N. Y. Steam valves and water valves. Serial No. 533,287, Sept. 28. Class 13.

Fairbanks Company, The, New York, N. Y. Globe and angle valves. Serial No. 533,288, Sept. 28. Class 13.

Federal Engineering Company: *See*—
Jackson, Aldrich L.

Federal Engineering Co., Inc., The: *See*—
Jackson, Aldrich L.

Fisher, Videllia, Oklahoma City, Okla., and New York, N. Y. Hand bleaching cream, face cream, face bleaching cream, etc. Serial No. 519,577, Sept. 28. Class 6.

Foti, Giacomo, doing business as Rosa Food Products Co., Philadelphia, Pa. Olive oil. Serial No. 502,433, Sept. 28. Class 46.

Fries Bros., Inc., New York, N. Y. Solvents for flavoring extracts. Serial No 544,260, Sept. 28. Class 6.

Frozen Drumstick Sales Company, Fort Worth, Tex. A preparation in the form of a powder. Serial No. 503,070, Sept. 28. Class 46.

Fruit Growers Co-Operative, Sturgeon Bay, Wis. Canned red pitted cherries. Serial No. 533,291, Sept. 28. Class 46.

Fulton Specialty Co., Elizabeth, N. J. Dater stamps. Serial No. 533,292, Sept. 28. Class 37.

Furst-McNess Company, Freeport, Ill. Round worm remedy, chocolate coated laxative, etc. Serial No. 522,841, Sept. 28. Class 6.

General Chain Company, Inc., North Attleboro, Mass. Jewelry. Serial No. 544,993, Sept. 28. Class 28.

General Dyestuff Corporation, New York, N. Y. Detergents. Serial No. 514,029, Sept. 28. Class 4.

General Dyestuff Corporation, New York, N. Y. Dyes and dyestuffs. Serial No. 528,565, Sept. 28. Class 6.

General Research & Development Co., Fenton, Mich. Instruments for controlling the functioning of internal combustion engines. Serial No. 517,189, Sept. 28. Class 26.

Gilbert, S. L., Company, Inc., New York, N. Y. Knitted bathing suits, sweaters, jackets, etc. Serial No. 531,910, Sept. 28. Class 39.

Glen Medical Company, Inc., Troy, N. Y. A preparation for nervousness, etc. Serial No. 537,449, Sept. 28. Class 6.

Globe Soap Company, The: *See*—
Procter & Gamble Company, The.

Goldner, Julius, doing business as Warwick Laboratories Company, Brooklyn, N. Y. Liquid radiator solder. Serial No. 530,932, Sept. 28. Class 6.

Goodrich, B. F., Company, The, Akron, Ohio. Transparent and opaque resinous plastic material in sheet form. Serial No. 509,417, Sept. 28. Class 1.

Gray & Dudley Company, Nashville, Tenn. Cooking and heating stoves and furnaces. Serial No. 534,110, Sept. 28. Class 34.

Gray Envelope Manufacturing Company, Inc., The, Brooklyn, N. Y. Writing paper and envelopes. Serial No. 546,150, Sept. 28. Class 37.

Great American Tea Company, The, New York, N. Y. Shaving cream. Serial No. 550,915, Sept. 28. Class 4.

Great American Tea Company, The, New York, N. Y. A cleansing preparation in powder form. Serial No. 550,917, Sept. 28. Class 4.

Great Atlantic and Pacific Tea Company, The, New York, N. Y. Mustard and sandwich spread. Serial No. 534,017, Sept. 28. Class 46.

Green, Robert M., & Sons, Inc., Philadelphia, Pa. Soda fountains. Serial No. 529,638, Sept. 28. Class 23.

Greenbaum, J., Tanning Co., Chicago, Ill. Sole leather products. Serial No. 533,475, Sept. 28. Class 39.

Gum, Jessie H., Oakwood, Okla. Medicine for fowl. Serial No. 555,265, Sept. 28. Class 6.

Hall, C. P., Company, The, Akron, Ohio. Plasticizer and flexing material. Serial No. 545,982, Sept. 28. Class 6.

Harnischefeger Corporation, Milwaukee, Wis. Electric generators, electric welding generators, electric welding transformers, etc. Serial No. 518,221, Sept. 28. Class 21.

Harper-Wyman Company, Chicago, Ill. Gas burners and parts thereof. Serial No. 518,722, Sept. 28. Class 34.

Harper-Wyman Company, Chicago, Ill. Gas orifices. Serial No. 518,724, Sept. 28. Class 34.

Harper-Wyman Company, Chicago, Ill. Gas burners and parts thereof. Serial Nos. 518,950–1, Sept. 28. Class 34.

Harris, John J., doing business as No Equal Products Company not Inc. and Nature's Mineral Health Food Shop. Dentrifices. Serial No. 528,718, Sept. 28. Class 6.

Harrower, Norman, doing business as Linton Brothers & Co., Fitchburg, Mass. Cardboard. Serial No. 533,306, Sept. 28. Class 37.

Harrower, Norman, doing business as Linton Brothers & Company, Fitchburg, Mass. Bristol board, cardboard, tag board, cover stock, and paper. Serial No. 533,308, Sept. 28. Class 37.

Hartford Element Company, The, Hartford, Conn. Replacement electrical element. Serial No. 496,380, Sept. 28. Class 21.

Hat Corporation of America, Norwalk, Conn. Hats and caps for men and women. Serial No. 481,578, Sept. 28. Class 39.

Heathcoat, John, & Co., Tiverton, Devon, England, assignor to John Heathcoat & Co., Inc., New York, N. Y. Nettings and veilings. Serial No. 519,952, Sept. 28. Class 42.

Heathcoat, John, & Co., Inc.: *See*—
Heathcoat, John, & Co.

Hetman and Co.: *See*—
Hetman, Wencel F.

Hetman, Wencel F., doing business as Hetman and Co., Chicago, Ill. Diaper wash. Serial No. 534,777, Sept. 28. Class 6.

Hood Chemical Co., Inc., Pittsburgh, Pa. Chemical preparation. Serial No. 542,470, Sept. 28. Class 6.

Horner, Burnett A., Oklahoma City, assignor to Simplicity Merchandiser, Inc., Oklahoma City, Okla. Business forms. Serial No. 519,001, Sept. 28. Class 37.

Howard Paper Mills, Inc., Dayton, Ohio. Bond paper, laid bond paper, ledger paper, etc. Serial No. 530,001, Sept. 28. Class 37.

Hussey, C. G., & Company: *See*—
Copper Range Company.

Inland Steel Company, Chicago, Ill. Metal fence posts. Serial No. 531,479, Sept. 28. Class 13.

"J A V" Société Anonyme, Bezons, France. Cleaning and scrubbing preparations and soaps. Serial No. 495,389, Sept. 28. Class 4.

Jackson, Aldrich L., doing business as Federal Engineering Company, assignor to The Federal Engineering Co., Inc., Minneapolis, Minn. Meat tenderizing machines. Serial No. 500,221, Sept. 28. Class 23.

Jamieson Pharmacal Company, Detroit, Mich. Nutritive tonics. Serial No. 531,673, Sept. 28. Class 6.

Jamieson Pharmacal Company, Detroit, Mich. Wafers. Serial No. 531,676, Sept. 28. Class 6.

Jardin Associates, Inc., New York, N. Y. Vibration-control and noise-control blocks. Serial No 505,753, Sept. 28. Class 23.

Jensen, Georg, Inc., New York, N. Y. Base metal knives, forks, spoons, etc. Serial No. 504,360, Sept. 28. Class 23.

Jeral, Eugene, Chicago, Ill. Creme shampoo in tablet form. Serial No. 551,463, Sept. 28. Class 6.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Face cream. Serial No. 530,613, Sept. 28. Class 6.

Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Metal fencing. Serial No. 528,481, Sept. 28. Class 13.

Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Ferrous pipe and tubing. Serial No. 528,487, Sept. 28. Class 13.

Joray Mfg. Co.: *See*—
Porte Manufacturing Co. Inc.

Kennedy, Raymond A., Sioux City, Iowa. Machines. Serial No. 531,682, Sept. 28. Class 26.

Kinney, G. R., Co. Inc., New York, N. Y. Men's, women's, and children's shoes. Serial No. 496,448, Sept. 28. Class 39.

Korée, Jean U., New York, N. Y. Medicinal preparation. Serial No. 522,930, Sept. 28. Class 6.

Kucera, Henry T., doing business as Automatic Devices Co., Chicago, Ill. Thermostatic temperature controls. Serial No. 519,961, Sept. 28. Class 26.

Kurtzman Bros., Los Angeles, Calif. Men's and boys' suits, overcoats, slacks, and sport coats. Serial No. 534,291, Sept. 28. Class 39.

La Florida, S. A., Barcelona, Spain. Perfumes, lipsticks, rouge, etc. Serial No. 523,898, Sept. 28. Class 6.

Lakeside Products: *See*—
Wilhartz, Leland J.

Leake Chemical Company, Keo, Ark. All-purpose liniment. Serial No. 519,074, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Face powder. Serial No. 530,213, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Perfumes, colognes, toilet waters. Serial No. 530,219, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Foundation make-up preparations. Serial No. 530,222, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Rouge and lipstick. Serial No. 530,223, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Perfumes, colognes, toilet waters, etc. Serial No. 530,225, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Rouges, dusting powders, sachet powders, etc. Serial No. 534,158, Sept. 28. Class 6.

Lelong, Lucien, Inc., Chicago, Ill. Perfumes, colognes, toilet waters, etc. Serial No. 534,159, Sept. 28. Class 6.

Lerner, Samuel, New York, N. Y. Nonalcoholic, noncereal, maltless beverage. Serial No. 525,614, Sept. 28. Class 45.

Lextrolite Corporation, New York, N. Y. Cigar, cigarette, and pipe lighters, etc. Serial No. 525,222, Sept. 28. Class 8.

Leyman Manufacturing Corporation, Cincinnati, Ohio. Evaporators. Serial No. 507,264, Sept. 28. Class 34.

Linton Brothers & Co.: *See*—
Harrower, Norman.

Linton Brothers & Company: *See*—
Harrower, Norman.

Lipton, Thomas J., Inc., Hoboken, N. J. Tea and packaged soup. Serial No. 531,692, Sept. 28. Class 46.

Live Food Products Co.: *See*—
Bragg, Paul C.

Loeb, Dorothy: *See*—
Sealfon, Gilbert.

Luxana, S. A., Barcelona, Spain. Perfumes and eaux de cologne. Serial No. 519,588, Sept. 28. Class 6.

Mack Manufacturing Corporation, New York, N. Y. Driving axles for vehicles. Serial No. 509,227, Sept. 28. Class 23.

Malmstrom, Ivar W., Brooklyn, N. Y., doing business as N. I. Malmstrom & Company. Anhydrous lanolin, technical lanolin, etc. Serial No. 513,435, Sept. 28. Class 6.

Malmstrom, N. I., & Company: *See*—
Malmstrom, Ivar W.

Marine Optical Mfg. Co., Roslindale, Boston, Mass. Optical frames. Serial No. 517,501, Sept. 28. Class 26.

McCray Refrigerator Company, Kendallville, Ind. Mechanically operated domestic and commercial refrigerators. Serial No. 528,732, Sept. 28. Class 31.

Mead Johnson & Company, Evansville, Ind. Pharmaceutical preparation. Serial No. 516,615, Sept. 28. Class 6.

Meier & Frank Co.: *See*—
Meier & Frank Co., Inc.

Meier & Frank Co., Inc., doing business as Meier & Frank Co., Portland, Oreg. Men's clothing. Serial No. 534,646. Sept. 28. Class 39.

Mercury Battery Charger Co., The, Kansas City, Mo. Combination battery charging and testing apparatus. Serial No. 477,428, Sept. 28. Class 21.

Merriam Company, Inc., The, Columbus, Ohio, Baltimore, Md., and Washington, D. C., assignor to The Colson-Merriam Co., Baltimore, Md. Electrically heated food tray wheeled conveyors or trucks, and electrically heated food wheeled conveyors or trucks. Serial No. 536,411, Sept. 28. Class 21.

Merry Hull & Company, New York, N. Y. Gloves. Serial No. 530,935, Sept. 28. Class 39.

Mexico Refractories Company, Mexico, Mo. Firebrick. Serial No. 544,589, Sept. 28. Class 12.

Middletown Rubber Corporation, Middletown, Conn. Polyvinyl resin sheets. Serial No. 497,948, Sept. 28. Class 1.

Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Adjustable wheeled attachments. Serial No. 528,360, Sept. 28. Class 23.

Monarch Leather Company, Chicago, Ill. Leather. Serial No. 513,444, Sept. 28. Class 1.

Morris, Philip, & Co. Ltd. Incorporated, New York, N. Y. Smoking tobacco. Serial No. 541,693, Sept. 28. Class 17.

Naranjo Packing House Company, Woodlake, Calif. Fresh citrus fruits. Serial No. 540,438, Sept. 28. Class 46.

National Die Casting Company, Chicago, Ill. Fruit juice extractors. Serial No. 527,226, Sept. 28. Class 23.

National Pressure Cooker Company, Eau Claire, Wis. Pressure cookers and pressure canners. Serial No. 509,786, Sept. 28. Class 13.

Nature's Mineral Health Food Shop: *See*—
Harris, John J.

Nethercutt, Jack B., Santa Monica, Calif., doing business as Nethercutt Laboratories. Perfume. Serial No. 510,856, Sept. 28. Class 6.

Nethercutt Laboratories: *See*—
Nethercutt, Jack B.

Newport Industries, Inc., Pensacola, Fla. Pine oil. Serial No. 543,978, Sept. 28. Class 6.

Newport Optical Manufacturing Co., Inc., Brooklyn, N. Y. Spectacle frames. Serial No. 517,082, Sept. 28. Class 26.

No Equal Products Company not Inc.: *See*—
Harris, John J.

OD Peacock Sultan Company, St. Louis, Mo. Medicinal preparation. Serial No. 535,343, Sept. 28. Class 6.

Omaha Cold Storage Company, doing business as Bellevue Creamery & Produce Co., Omaha, Nebr. Dressed poultry. Serial No. 533,354, Sept. 28. Class 46.

Osborn Paper Company, Marion, Ind. Scratch pads, memo pads, legal and office pads, etc. Serial No. 499,456, Sept. 28. Class 37.

Pacific Chemical and Fertilizer Company, Honolulu, Hawaii. Fertilizers. Serial No. 548,099, Sept. 28. Class 10.

Pacific Flush-Tank Company, The, Chicago, Ill. Sewage treatment equipment. Serial No. 527,141, Sept. 28. Class 23.

Pacific Soap Company, Los Angeles, Calif. Washing powder. Serial No. 523,187, Sept. 28. Class 4.

Palmer Candy Company: *See*—
Palmer, E. C., W. B., and W. E., trustees.

Palmer, E. C., W. B., and W. E., trustees for The W. B. Palmer Estate, doing business as Palmer Candy Company, Sioux City, Iowa. Candy. Serial No. 535,426, Sept. 28. Class 46.

Palmer, W. B., Estate, The: *See*—
Palmer, E. C., W. B., and W. E., trustees.

Paper Corporation of America, New York, N. Y. Paper stock. Serial Nos. 536,633–4, Sept. 28. Class 37.

Paradize Products Corporation, Fairview, N. J. A chemical mixture. Serial Nos. 549,746–7, Sept. 28. Class 6.

Par-Kay Mills, Inc.: *See*—
Pollack & Katz, Inc.

Patek and Co., San Francisco, Calif. Liquid compound. Serial No. 505,915, Sept. 28. Class 6.

Pauliz of California, Los Angeles, Calif. Women's wearing apparel. Serial No. 524,253, Sept. 28. Class 39.

Payne, Clarence E., doing business as Dyacol Products Laboratory, San Francisco, Calif. Photographic chemicals. Serial No. 555,009, Sept. 28. Class 6.

Peck & More, Inc., Chicago, Ill. Fur garment cleaning and glazing service. Serial No. 535,742, Sept. 28. Class 55.

Penafax Company, The: *See*—
Cohen, Yetta.

Perfect Belt Manufacturing Company, Atlanta, Ga. Apparel belts, suspenders, and garters. Serial No. 533,110, Sept. 28. Class 39.

Playboy Motor Car Corporation, Buffalo, N. Y. Motor cars. Serial No. 542,166, Sept. 28. Class 19.

Plibrico Jointless Firebrick Company, Chicago, Ill. Castable refractory material. Serial No. 545,160, Sept. 28. Class 12.

Pollak Industries Corporation, Detroit, Mich. Kitchen utensils. Serial No. 520,467, Sept. 28. Class 50.

Pollack & Katz, Inc., assignor to Par-Kay Mills, Inc., New York, N. Y. Men's, women's, children's, and infants' underwear and children's sleeping garments. Serial No. 518,558, Sept. 28. Class 39.

Poor & Company, Chicago, Ill. Compositions in the nature of electrolytes and addition agents. Serial No. 547,148, Sept. 28. Class 6.

Porte Manufacturing Co., Inc., doing business as Joray Mfg. Co., Brooklyn, N. Y. Brake fluid. Serial No. 524,151, Sept. 28. Class 6.

Posada, Francisco D., Buenos Aires, Argentina. Float valves. Serial No. 478,188, Sept. 28. Class 13.

Potter, Charles W., Syracuse, N. Y. Hydrocarbon and manufactured fuel gas. Serial No. 507,417, Sept. 28. Class 6.

Powell & Campbell, Inc., New York, N. Y. Boots, shoes, slippers, sandals, etc. Serial No. 531,365, Sept. 28. Class 39.

Powell & Campbell, Inc., New York, N. Y. Shoes and rubbers for boys. Serial No. 531,368, Sept. 28. Class 39.

Procter & Gamble Company, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. Serial No. 528,016, Sept. 28. Class 4.

Procter & Gamble Company, The, doing business as The Globe Soap Company, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. Serial No. 534,339, Sept. 28. Class 4.

Prolong Company: *See*—
Wilhelm, Warner F.

Prym, William, Inc., Killingly and Dayville, Conn. Paper clips, thumb tacks, frozen wire staples, etc. Serial No. 546,873, Sept. 28. Class 37.

Quackenbush Company: *See*—
Allied Stores Corporation.

Quebec Fur Breeders Cooperative Association, Quebec, Canada. Fur skins or pelts. Serial No. 509,470, Sept. 28. Class 1.

Ramier, Societe a Responsabilite Limitee, Paris, France. Perfumes, toilet waters, colognes, etc. Serial No. 522,927, Sept. 28. Class 6.

Raven Red Ash Coal Co., Inc., Beckley, W. Va. Coal. Serial No. 542,354, Sept. 28. Class 1.

Re-Ly-On Products Company, Pittsburgh, Pa. Bed springs and mattresses. Serial No. 538,315, Sept. 28. Class 32.

Remmer Chemical Company: *See*—
Remmers, H. F.

Remmers, H. F., doing business as Remmer Chemical Company, Chicago, Ill. Embalming fluid. Serial No. 542,655, Sept. 28. Class 6.

Reynolds Manufacturing Company, The, Holyoke, Mass. Writing, bond, ledger, manifold and mimeograph papers and school and business tablets. Serial No. 530,958, Sept. 28. Class 37.

Rhoads, J. E., & Sons, Philadelphia, Pa. Flat leather belting. Serial No. 537,242, Sept. 28. Class 35.

Rhodes, James H., & Company, Chicago, Ill. Steel wool, pumice, and other polishing stones, etc. Serial No. 490,969, Sept. 28. Class 4.

Richmond Rubber Co., Inc., Richmond, Va. Pneumatic tires and inner tubes. Serial No. 543,989, Sept. 28. Class 35.

Riegel Textile Corporation, New York, N. Y. Pillow cases. Serial No. 550,831, Sept. 28. Class 42.

Rinshed-Mason Company, Detroit, Mich. Ready mixed oil paints, paint enamels, varnishes, etc. Serial No. 517,669, Sept. 28. Class 16.

Roebling's, John A., Sons Company, Trenton, N. J. Wire rope, cable and cord. Serial No. 544,286, Sept. 28. Class 7.

Rohloff Manufacturing Company, Toledo, Ohio. Chemical preparation. Serial No. 526,974, Sept. 28. Class 6.

Ronson Art Metal Works, Inc., Newark, N. J. Flints. Serial No. 506,962, Sept. 28. Class 8.

Rosa Food Products Co.: *See*—
Foti, Giacomo.

Rubin-Meitzer Company, New York, N. Y. Men's, boys', and children's knitted athletic briefs, union suits, pajamas, etc. Serial No. 508,313, Sept. 28. Class 39.
Ruhm Phosphate & Chemical Company, Mt. Pleasant, Tenn. Fertilizer. Serial No. 527,199, Sept. 28. Class 10.
Sandoz Chemical Works, Inc., New York, N. Y. A medicinal preparation. Serial No. 540,721, Sept. 28. Class 6.
Scharff, J. H., Inc., Orange, N. J. Temperature controlled electrically actuated fire detecting and fire alarm apparatus. Serial No. 529,205, Sept. 28. Class 21.
Schering Corporation, Bloomfield, N. J. Phthalylsulfacetimide. Serial No. 543,839, Sept. 28. Class 6.
Schneierson, I., & Sons, Inc., New York, N. Y. Princess slips, nightgowns, ladies uniforms for work purposes, etc. Serial No. 540,460, Sept. 28. Class 39.
Sealfon, Gilbert, and D. Loeb, New York, N. Y. Maternity apparel. Serial No. 492,796, Sept. 28. Class 39.
Sellmer, Walter B., doing business as Selmolene Manufacturing Company, also known as Selmolene Mfg. Co., San Rafael, Calif. An ointment. Serial No. 537,625, Sept. 28. Class 6.
Selmolene Manufacturing Company: *See*—
Sellmer, Walter B.
Selmolene Mfg. Co.: *See*—
Sellmer, Walter B.
Shaler Company, The, Waupun, Wis. Portable rubber-tire vulcanizers. Serial No. 546,063, Sept. 28. Class 35.
Sher-Bair Lamp Shade Co., Chicago, Ill. Shades for electric lamps. Serial No. 525,959, Sept. 28. Class 21.
Sherwin-Williams Company, The, Cleveland, Ohio. Soap. Serial No. 524,729, Sept. 28. Class 4.
Sherwin-Williams Company, The, Cleveland, Ohio. Putty, caulking compound, crack fillers, etc. Serial No. 524,732, Sept. 28. Class 12.
Silver & Troy, assignee: *See*—
Wolf, William.
Simplicity Merchandiser, Inc.: *See*—
Horner, Burnett A.
Simplot, John R., Pocatello, Idaho. Fertilizers. Serial No. 527,437, Sept. 28. Class 10.
Simplot, John R., Pocatello, Idaho. Fertilizers. Serial No. 527,467, Sept. 28. Class 10.
Simplot, John R., Pocatello, Idaho. Fertilizers. Serial No. 527,468, Sept. 28. Class 10.
Sireno Company, Inc., The, New York, N. Y. Mechanical sirens. Serial No. 530,033, Sept. 28. Class 23.
Smith, Arthur E., Los Angeles, Calif. Local anesthetizing, nerve blocking tablets; local anesthetizing, nerve blocking powders; local anesthetizing, nerve blocking solution, etc. Serial No. 527,211, Sept. 28. Class 6.
Smith, Arthur E., Los Angeles, Calif. Local anesthetizing, nerve blocking tablets; local anesthetizing, nerve blocking powders, etc. Serial No. 527,215, Sept. 28. Class 6.
Sorribes, Miguel B., Barcelona, Spain. Perfumes, lipstick, rouge, etc. Serial No. 519,591, Sept. 28. Class 6.
Southern Waste Material Company, Inc., Dallas, Tex. Wiping, cleaning and polishing rags. Serial No. 543,230, Sept. 28. Class 42.
Spielmann, Hermann & Son, Inc., New York, N. Y. Neckties. Serial No. 512,589, Sept. 28. Class 39.
Stahly, Inc., South Bend, Ind. Mechanical razors and razor blades. Serial No. 528,115, Sept. 28. Class 23.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Insecticides. Serial No. 525,126, Sept. 28. Class 6.
Star Manufacturing Company, of Texas, Amarillo, Tex. Steel bins. Serial No. 531,956, Sept. 28. Class 32.
Stonecutter Mills Corporation, New York, N. Y. Piece goods made of rayon fabric. Serial No. 540,334, Sept. 28. Class 42.
Stunzi Sons Silk Company, Inc., New York, N. Y. Fabrics in the piece. Serial No. 538,824, Sept. 28. Class 42.
Swartzbaugh Manufacturing Company, The, Toledo, Ohio. Electric food roasters and cookers, electric water heaters, etc. Serial No. 514,510, Sept. 28. Class 21.
Swigart Paper Company, Chicago, Ill. Sheet paper. Serial No. 536,011, Sept. 28. Class 37.
T O Ranch Company, Raton, N. Mex. Beef cattle. Serial No. 537,838, Sept. 28. Class 1.
Table Rock Laboratories, Inc., Greenville, S. C. Tablets. Serial No. 527,317, Sept. 28. Class 6.
Talt, Geo., & Sons, Inc., Norfolk, Va. Plant food or fertilizer. Serial No. 530,591, Sept. 28. Class 10.
Tampa Cigar Company, Tampa, Fla. Cigars. Serial No. 533,949, Sept. 28. Class 17.
Threm, William B., doing business as Airtite Mfg. Co., Toledo, Ohio. Nitrous oxide, carbon dioxide, insecticides, etc. Serial No. 524,259, Sept. 28. Class 6.
Triple W Products Co.: *See*—
Wright, Harold L.
Tru-Pak Products, Corp., Jersey City, N. J. Chocolated laxatives, cold laxatives, chewing gum laxatives, etc. Serial No. 490,535, Sept. 28. Class 6.
Turnbull, Frederick M., Los Angeles, Calif. Sulfathiazole compound. Serial No. 547,476, Sept. 28. Class 6.
Union Des Parfumeurs De France (U. P. F.), Paris, France. Scenting extracts, eaux de cologne, scenting lotions, etc. Serial No. 512,725, Sept. 28. Class 6.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Wax finish. Serial No. 531,633, Sept. 28. Class 16.
Universal Camera Corporation, New York, N. Y. Electrical motion picture sound projectors and accessories for the same. Serial No. 498,956, Sept. 28. Class 26.
Universal Coffee Company, Chicago, Ill. Coffee brewing urns and stoves. Serial No. 532,178, Sept. 28. Class 34.
Van Ameringen-Haebler, Inc., New York, N. Y. Perfumes and essential oils. Serial No. 537,378, Sept. 28. Class 6.
Victor Chemical Works, Chicago, Ill. ½ monopotassium phosphate and ½ diammonium phosphate. Serial No. 528,543, Sept. 28. Class 10.
Vincent-McCall Company, The, Kenosha, Wis. Mattresses. Serial No. 520,841, Sept. 28. Class 32.
Visi-Trol Corporation, Detroit, Mich. Renewable wall charts and graphs. Serial No. 502,358, Sept. 28. Class 26.
Vogue Vanities Limited, Birmingham, England. Cosmetic powder boxes. Serial No. 526,324, Sept. 28. Class 2.
Wallerstein Company, Inc., New York, N. Y. Water hardening composition. Serial No. 530,449, Sept. 28. Class 6.
Walman Optical Co., The: *See*—
Walman Optical Company, The.
Walman Optical Company, The, doing business as The Walman Optical Co., Minneapolis, Minn. Optical frames and mountings, optical lenses, etc. Serial No. 532,073, Sept. 28. Class 26.
Ward, M. L., Co.: *See*—
Ward, Martha L.
Ward, M. L., Company: *See*—
Ward, Martha L.
Ward, M. L., Mfg. Company: *See*—
Ward, Martha L.
Ward, M. L., Manufacturing Company, The: *See*—
Ward, Martha L.
Ward, Martha L., doing business as M. L. Ward Mfg. Company, M. L. Ward Manufacturing Company, M. L. Ward Company, and M. L. Ward Co., Philadelphia, Pa. Educational toy. Serial No. 525,512, Sept. 28. Class 22.
Warwick Laboratories Company: *See*—
Goldner, Julius.
Wendell, Incorporated, Los Angeles, Calif. Hosiery. Serial No. 525,468, Sept. 28. Class 39.
Whitehall Pharmacal Company, New York, N. Y. Cosmetics. Serial No. 552,300, Sept. 28. Class 6.
Whiting Corporation, Harvey, Ill. Various types of evaporators. Serial No. 508,560, Sept. 28. Class 23.
Wilhartz, Leland J., Chicago, Ill., doing business as Lakeside Products. Powdered cleaning composition. Serial No. 521,301, Sept. 28. Class 4.
Wilhelm, Warner F., doing business as Prolong Company, Chicago, Ill. Preparation for topical anaesthetic. Serial No. 531,407, Sept. 28. Class 6.
Wimelbacher & Rice Inc., New York, N. Y. Fabric and leather gloves. Serial No. 538,999, Sept. 28. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Ladies' leather and fabric gloves. Serial No. 539,000, Sept. 28. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Ladies' leather and fabric gloves. Serial No. 539,002, Sept. 28. Class 39.
Windsor Hats Proprietory Limited, Johannesburg, Union of South Africa. Hats of all kinds. Serial No. 526,175, Sept. 28. Class 39.
Windsor-Lloyd Products, Inc., Wilmington, Del. Hydraulic shock absorber fluid and hydraulic brake fluid. Serial No. 534,702, Sept. 28. Class 6.
Wing, L. J., Mfg. Co., New York, N. Y. Forced draft fans and fans used in ventilating systems. Serial No. 518,333, Sept. 28. Class 34.
Wolf, William, assignor to Silver & Troy, Newark, N. J. Hand mirrors. Serial No. 492,167, Sept. 28. Class 32.
Wolff, Alice F., Brooklyn, N. Y. Cotton goods in the piece. Serial No. 551,674, Sept. 28. Class 42.
Woodard Laboratories, Inc., Los Angeles, Calif. Chemical, pharmaceutical, and biological preparations. Serial No. 525,470, Sept. 28. Class 6.
Wood Conversion Company, St. Paul, Minn. Low-density structural wood fiber board. Serial No. 538,695, Sept. 28. Class 12.
Wright, Harold L., doing business as Triple W Products Co., Los Angeles, Calif. Prepared feed for poultry and live stock. Serial No. 513,089, Sept. 28. Class 46.
Wyeth, Incorporated, Philadelphia, Pa. Antibiotic with vasoconstrictor. Serial No. 543,250, Sept. 28. Class 6.
Yaso Medicinal, S. A., Barcelona, Spain. Dentifrices in form of fluids, powders, or paste. Serial No. 520,489, Sept. 28. Class 6.
Young's Speedy Shoes, Inc., Los Angeles, Calif. Men's, women's, and children's boots, shoes, and slippers. Serial No. 527,984, Sept. 28. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbey Rents, Los Angeles, Calif. Canvas and metal back rests. 440,758, Sept. 28; Serial No. 482,774, published July 6, 1948. Class 44.
Acimet Valve Manufacturing Company, The: *See*—
Cleveland Brass Manufacturing Company, The.
Acme Brick Company, Fort Worth, Tex. Brick and fire brick. 502,472, Sept. 28; Serial No. 529,428, published June 22, 1948. Class 12.
Adams Plastics Co., Inc., Holyoke, Mass. Cutlery handles and picker sticks. 431,617, July 29, 1947. Republished Sept. 28. Class 23.
Adco, Inc., Sedalia, Mo. Liquid scrubbing compounds. 502,446, Sept. 28; Serial No. 509,317, published July 6, 1948. Class 4.
Advance Solvents & Chemical Corporation, New York, N. Y. Synthetic resins. 440,802, Sept. 28; Serial No. 517,685, published Jan. 20, 1948. Class 1.
Affiliated Retailers, Inc., New York, N. Y. Radio receiving sets. 423,605, Sept. 3, 1946. Republished Sept. 28. Class 21.
Affiliated Retailers, Inc., New York, N. Y. Surgical dressings. 424,010, Sept. 17, 1946. Republished Sept. 28. Class 44.
Affiliated Retailers, Inc., New York, N. Y. Sanitary napkins. 424,011, Sept. 17, 1946. Republished Sept. 28. Class 44.
Agicide Laboratories, Inc., Los Angeles, Calif. Agricultural base plastic moulding compound. 502,590, Sept. 28; Serial No. 553,766, published July 6, 1948. Class 1.
Alamo Bottling Works, Inc.: *See*—
Alexander, Lewis W.
Albany Packing Company, Inc., West Albany, by Tobin Packing Co., Inc., Rochester and Albany, N. Y. Meat and meat products. 390,097, Sept. 9, 1941. Republished Sept. 28. Class 46.
Albers Bros. Milling Co., San Francisco, Calif. Cake and pastry flour. 250,884, Dec. 18, 1928. Corrected. O. G. Sept. 28. Class 46.
Alexander, Lewis W., to Alamo Bottling Works, Inc., San Antonio, Tex. Nonalcoholic, noncereal, maltless beverages. 242,213, renewed May 15, 1948. O. G. Sept. 28. Class 45.
American Chemical Paint Company, Ambler, Pa. Instruments for determining the concentration of fatty materials in liquids. 440,789, Sept. 28; Serial No. 509,263, published July 6, 1948. Class 26.
American Chinchilla Corp., New York, N. Y. Live chinchillas. 440,788, Sept. 28; Serial No. 508,952, published June 29, 1948. Class 1.
American Cystoscope Makers, Inc., New York, N. Y. Electrically-lighted diagnostic instruments, etc. 71,197, renewed Nov. 10, 1948. O. G. Sept. 28. Class 44.
American Fluorescent Lighting Corporation, New York, N. Y. Fluorescent lamps, electrical lighting fixtures, electrical appliances. 396,090, June 30, 1942. Republished Sept. 28. Class 21.
American Kitchen Products Company, Ozone Park, N. Y. Canned spaghetti sauce and canned consomme. 502,448, Sept. 28; Serial No. 515,649, published June 22, 1948. Class 46.
American-La France-Foamite Corporation: *See*—
American-La France and Foamite Corporation.
American-La France and Foamite Corporation, Elmira and New York, N. Y., to American-La France-Foamite Corporation, Elmira, N. Y. Hand operated, portable, and stationary fire extinguishing apparatus. 248,455, renewed Oct. 23, 1948. O. G. Sept. 28. Class 23.
American Metal Company (Limited), The, New York, N. Y. Metal products. 282,235, Apr. 14, 1931. Republished Sept. 28. Class 14.
American Metal Company (Limited), The, New York, N. Y. Metal products. 283,049, May 12, 1931. Republished Sept. 28. Class 14.
American Metal Company (Limited), The, New York, N. Y. Copper in the form of wire bars, billets, etc. 312,273, Apr. 24, 1934. Republished Sept. 28. Class 14.
American News Company, The, to The American News Company, New York, N. Y. Writing paper, writing tablets, and pads, etc. 68,717, re-renewed Apr. 28, 1948. O. G. Sept. 28. Class 37.
American Sponge & Chamois Co., Inc., New York, N. Y. Sponges. 502,545, Sept. 28; Serial No. 536,333, published June 22, 1948. Class 1.
American Steel & Wire Company of New Jersey, The, Worcester, Mass., to The American Steel and Wire Company of New Jersey, Cleveland, Ohio. Wire rope and cables. 71,585, re-renewed Dec. 1, 1948. O. G. Sept. 28. Class 7.
American Stores Company, Philadelphia, Pa. Ginger ale. 239,098, Feb. 21, 1928. Republished Sept. 28. Class 45.
American Zyloptic Company, Incorporated, New York, N. Y. Ophthalmic mountings. 440,797, Sept. 28; Serial No. 515,150, published July 6, 1948. Class 26.
Ames Company, Inc., Elkhart, Ind. Reagent tablet for the purpose of detecting the pressure of occult blood. 502,585, Sept. 28; Serial No. 544,686, published June 15, 1948. Class 6.
Ames Company, Inc., Elkhart, Ind. Reagent tablet for the purpose of evaluating the sulphonamide level in body fluids. 502,586, Sept. 28; Serial No. 544,687, published June 15, 1948. Class 6.
Andrew, Jno. Hy., & Co. Ld., by Andrews Toledo Ltd., Sheffield, England. Steel in bar, rod, rail, etc. 65,490, Oct. 8, 1907. Republished Sept. 28. Class 14.
Andrews Toledo Ltd.: *See*—
Andrew, Jno. Hy., & Co. Ld.
Appleton Woolen Mills, Appleton, Wis. Woolen overcoating and woolen suiting in the piece. 238,777, Feb. 14, 1928. Republished Sept. 28. Class 42.
Archer Rubber Products Co. Inc., New York, N. Y. Mats and floor covering. 249,782, renewed Nov. 20, 1948. O. G. Sept. 28. Class 20.
Arden, Elizabeth: *See*—
Lewis, Florence N.
Arden, Elizabeth, Sales Corporation: *See*—
Lewis, Florence N.
Arnold, Schwinn & Co., Chicago, Ill. Vehicle tires. 440,782, Sept. 28; Serial No. 506,977, published June 29, 1948. Class 35.
Arrow-Hart & Hegeman Electric Company, The, Hartford, Conn. Electric switch handles, electric outlets, switch plates, etc. 335,050, May 19, 1936. Republished Sept. 28. Class 21.
Arrowsmith Manufacturing Company, New York, N. Y., to Arrowsmith Manufacturing Co., Inc., Chicago, Ill. Supports for the arches and other parts of the feet. 247,452, renewed Sept. 25, 1948. O. G. Sept. 28. Class 44.
Arrowsmith Manufacturing Co., Inc.: *See*—
Arrowsmith Manufacturing Company.
Associated Apparel Industries, Inc.: *See*—
Gossard, H. W., Co., The.
Atlantic Mills, The, Olneyville, R. I., and Stottville, N. Y., by A. D. Juilliard & Co., Inc., New York, N. Y. Woolen textile fabrics in the piece. 233,498, Oct. 4, 1927. Republished Sept. 28. Class 42.
Atlantic Mills, The, Olneyville, R. I., by A. D. Juilliard & Co., Inc., New York, N. Y. Woolen dress goods in the piece. 233,562, Oct. 4, 1927. Republished Sept. 28. Class 42.
Atlas Powder Company: *See*—
Keratol Company, The.
Atmore & Son, Inc., Philadelphia, Pa. Mincemeat. 240,300, Mar. 20, 1928. Republished Sept. 28. Class 46.
Automatic Drip-O-Lator Company, assignor to The Enterprise Aluminum Company, Kansas City, Mo., by The Enterprise Aluminum Company, Massilon, Ohio. Apparatus for preparing infusions. 268,715, Mar. 18, 1930. Republished Sept. 28. Class 13.
Automotive Manufacturing Company: *See*—
Lafite, Roger G.
Badger Paper Company, Los Angeles, Calif. Toilet paper, waxed paper, cleansing tissue, etc. 386,744, Apr. 22, 1941. Republished Sept. 28. Class 37.
Baer & Wilde Co., The, to Swank, Inc., Attleboro, Mass. Collar holders. 244,634, renewed July 24, 1948. O. G. Sept. 28. Class 28.
Bailey Bros., Brawley, Calif. Fresh deciduous fruits, fresh citrus fruits, and fresh vegetables. 440,771, Sept. 28; Serial No. 500,203, published June 29, 1948. Class 46.
Bailey Meter Company, Cleveland, Ohio. Quantity measuring apparatus. 356,669, May 10, 1938. Republished Sept. 28. Class 26.
Baker, John B., Dallas, Tex. Preparation for the relief of hay fever, sinus, and colds. 502,443, Sept. 28; Serial No. 504,242, published July 22, 1948. Class 2.
Balcom Industries, Inc., Greeley, Colo. Insecticides. 502,593, Sept. 28; Serial No. 530,366. Class 6.
Bangor Mills, Inc., Bangor, Pa. Window curtains, draperies, and bedspreads. 427,078, Jan. 28, 1947. Republished Sept. 28. Class 42.
Barnes & Jones, Incorporated, Jamaica Plain, Boston, Mass. Plumbing and steam fitting valves and traps. 295,523, July 5, 1932. Republished Sept. 28. Class 13.
Barrett-Cravens Company, Chicago, Ill. Material handling equipment. 343,811, Mar. 9, 1937. Republished Sept. 28. Class 19.
Bauer's: *See*—
House of Bauer, The.
Bay State Belting Company, Boston, Mass. Leather belting and lacing. 502,540, Sept. 28; Serial No. 535,921, published June 22, 1948. Class 35.
Bay State Belting Company, Boston, Mass. Leather belting. 502,541, Sept. 28; Serial No. 535,922, published June 29, 1948. Class 35.
Beck, John N.: *See*—
D. T. Products Co.
Beiersdorf, P., & Co. Inc.: *See*—
Lüscher & Bömper A.-G.
Beiersdorf, P., & Co. Inc., New York, N. Y., to P. Beiersdorf & Co. Inc., Stamford, Conn., and New York, N. Y. Toilet cream. 249,754, renewed Nov. 20, 1948. O. G. Sept. 28. Class 6.
Benal Dress Co., Inc., New York, N. Y. Women's dresses, women's suits, waists, etc. 429,917, May 27, 1947. Amended. O. G. Sept. 28. Class 39.

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Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Carpets and rugs. 502,559, Sept. 28; Serial No. 539,629, published June 22, 1948. Class 42.

Binswanger-Henkin Industries, Memphis, Tenn. Garbage cans. 502,451, Sept. 28; Serial No. 520,260, published July 6, 1948. Class 2.

Birmingham Small Arms Company Limited, The, Small Heath, Birmingham, England. Milling machines, chucks, and chuck attachments, etc. 70,339, re-renewed Aug. 25, 1948. O. G. Sept. 28. Class 23.

Bianchini, Ferier, Inc., New York, N. Y. Silk piece goods. 502,578, Sept. 28; Serial No. 540,976, published June 29, 1948. Class 42.

Blatchford, Channing R., Battle Creek, Mich. Sanitary toilet pans for animals such as cats. 502,442, Sept. 28; Serial No. 498,108, published July 6, 1948. Class 2.

Blechman, S., & Sons, Inc., New York, N. Y. Children's caps, boudoir caps. 251,113, renewed Dec. 25, 1948. O. G. Sept. 28. Class 39.

Blumenthal Print Works, New Orleans, La. Mattress and upholstery coverings in the piece. 380,189, Aug. 13, 1940. Republished Sept. 28. Class 42.

Boettcher & Kellogg Co., Evansville, Ind. Saws, hatchets, claw-hatchets, etc. 98,123, July 7, 1914. Republished Sept. 28. Class 23.

Bonsky, Clarence H.: *See*—
Bontee Laboratories.

Bontee Laboratories, to C. H. Bonsky, Pomona, Calif. Cleanser for manikins and similar painted or enameled display fixtures and backgrounds. 436,889, Mar. 2, 1948. New certificate. O. G. Sept. 28. Class 42.

Boott Mills, Lowell, Mass. Cotton piece goods. 116,815, May 29, 1917. Republished Sept. 28. Class 42.

Boott Mills, Lowell, Mass. Cotton crash toweling. 126,184, July 29, 1919. Republished Sept. 28. Class 42.

Boott Mills, Lowell, Mass. Towels and toweling. 195,830, Mar. 3, 1925. Republished Sept. 28. Class 42.

Boott Mills, Lowell, Mass. Scrim sash curtains. 223,913, Feb. 15, 1927. Republished Sept. 28. Class 42.

Boott Mills, Lowell, Mass. Towels. 370,427, Aug. 29, 1939. Republished Sept. 28. Class 42.

Borden Company, The: *See*—
Borden's Condensed Milk Company.

Borden's Condensed Milk Company, to The Borden Company, New York, N. Y. Condensed milk. 72,214, re-renewed Jan. 12, 1949. O. G. Sept. 28. Class 46.

Borg-Warner Corporation: *See*—
Norge Corporation.

Borg-Warner Corporation, Chicago, Ill. Oil burners and parts thereof. 329,697, Nov. 5, 1935. Republished Sept. 28. Class 34.

Borg-Warner Corporation, Chicago, Ill. Fluid pumps. 398,116, Oct. 13, 1942. Republished Sept. 28. Class 31.

Botany Mills, Inc., Passaic, N. J. Flannel fabric. 502,573, Sept. 28; Serial No. 540,637, published July 6, 1948. Class 42.

Boyer, Mary J., by Lord-Mott Company, Inc., Baltimore, Md. Canned fruits and canned vegetables. 49,629, Feb. 13, 1906. Republished Sept. 28. Class 46.

Boyle-Midway Inc.: *See*—
Cambridge Rubber Company.

Brenda Fabrics, Inc., New York, N. Y. Cotton, rayon, and woolen piece goods and textile fabrics. 502,566, Sept. 28; Serial No. 540,374, published July 6, 1948. Class 42.

Bristol Laboratories Incorporated, Syracuse, N. Y. Antacid and sedative. 440,806, Sept. 28; Serial No. 518,935, published June 22, 1948. Class 6.

Brown, Andrew, Company, by Andrew Brown Company, Los Angeles, Calif. Paint enamel. 379,148, July 2, 1940. Republished Sept. 28. Class 16.

Browne, Stewart R., Mfg. Co., Inc., New York, N. Y. Pump valves, non-metallic piston rings. 502,542, Sept. 28; Serial No. 535,930, published June 22, 1948. Class 35.

Brunswig Drug Company, Los Angeles, Calif. Rochelle salt, senna leaves, epsom salts, etc. 297,333, Sept. 13, 1932. Republished Sept. 28. Class 6.

Buda Company, The, Harvey, Ill. Engines. 404,188, Nov. 9, 1943. Republished Sept. 28. Class 23.

Buffalo Weaving & Belting Company, Buffalo, N. Y. Cotton belting. 181,231, Mar. 18, 1924. Republished Sept. 28. Class 35.

Buffalo Weaving & Belting Company, Buffalo, N. Y. Woven trunk straps, woven razorstrops, woven skate straps, etc. 211,403, Apr. 13, 1926. Republished Sept. 28. Class 22.

Burroughs Wellcome & Co. (U. S. A.), Inc.: *See*—
Wellcome, Henry S.

Burrus Mill & Elevator Co.: *See*—
Tex-O-Kan Flour Mills Co.

Byer-Rolnick Co., Garland, Tex. Men's hats. 394,759, Apr. 28, 1942. Republished Sept. 28. Class 39.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 502,518, Sept. 18; Serial No. 534,088, published June 29, 1948. Class 11.

California Marine Curing and Packing Corp., Terminal Island, Calif. Canned fish. 386,122, Mar. 25, 1941. Corrected. O. G. Sept. 28. Class 46.

Cambridge Rubber Company, Cambridge, Mass., to Boyle-Midway Inc., Jersey City, N. J. Liquid adhesive compound. 241,990, renewed May 8, 1948. O. G. Sept. 28. Class 5.

Canfield Oil Company, The, Cleveland, Ohio, by Western Auto Supply Company, Kansas City, Mo. Lubricating oils and greases. 317,504, Sept. 25, 1934. Republished Sept. 28. Class 15.

Canton Cotton Mills, Canton, Ga. Cotton piece goods. 502,548, Sept. 28; Serial No. 536,760, published June 29, 1948. Class 42.

Cantor-Greenspan Co. Inc., New York, N. Y. Rayon piece goods. 502,560, Sept. 28; Serial No. 539,652, published June 22, 1948. Class 42.

Cantor-Greenspan Co. Inc., New York, N. Y. Rayon piece goods. 502,561, Sept. 28; Serial No. 539,653, published June 15, 1948. Class 42.

Carpinteria Mutual Citrus Association, Carpinteria, Calif. Fresh citrus fruits. 250,578, renewed Dec. 11, 1948. O. G. Sept. 28. Class 46.

Central Wisconsin Canneries, Beaver Dam, Wis., by Minnesota Valley Canning Company, Le Sueur, Minn. Canned goods. 172,873, Sept. 11, 1923. Republished Sept. 28. Class 46.

Chamberlin, John R., Philadelphia, Pa. Coal. 502,528. Sept. 28; Serial No. 534,743, published June 8, 1948. Class 1.

Chamblin Company, The: *See*—
Chamblin, Jones M.

Chamblin, Jones M., doing busines as The Chamblin Company, Jackson, Miss. Pain relieving capsules. 502,516, Sept. 28; Serial No. 533,444, published June 22, 1948. Class 6.

Chartreuse Corporation, New York, N. Y. Liqueurs. 373,676–7, Dec. 19, 1939. Republished Sept. 28. Class 49.

Cheramy, Inc., New York, N. Y. Brilliantine, face powder, face cream, etc. 146,966, Sept. 27, 1921. Republished Sept. 28. Class 6.

Cheramy, Inc., New York, N. Y. Talcum powder, rouge, cold cream, etc. 155,640, June 6, 1922. Republished Sept. 28. Class 6.

Cheramy, Inc., New York, N. Y. Perfume, toilet water, face lotion, face powder, etc. 157,316, Aug. 1, 1922. Republished Sept. 28. Class 6.

Cheramy, Inc., New York, N. Y. Toilet soap. 157,654, Aug. 15, 1922. Republished Sept. 28. Class 4.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Leather belting. 90,968, Apr. 8, 1913. Republished Sept. 28. Class 35.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Leather belting. 137,570, Nov. 30, 1920. Republished Sept. 28. Class 35.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Leather belting. 145,627, Aug. 16, 1921. Republished Sept. 28. Class 35.

Chicago Belting Company, Chicago, Ill. Synthetic rubber packing. 388,786, July 8, 1941. Republished Sept. 28. Class 35.

Chicago Mill and Lumber Company, Chicago, Ill. Wood and paper veneer board. 422,006, July 2, 1946. Republished Sept. 28. Class 12.

Chicago Roller Skate Company, Chicago, Ill. Roller skates. 294,438–9, May 24, 1932. Republished Sept. 28. Class 22.

Chisholm-Moore Hoist Corporation: *See*—
Chisholm & Moore Manufacturing Company, The.

Chisholm & Moore Manufacturing Company, The, Cleveland, Ohio, to The Chisholm-Moore Hoist Corporation, Tonawanda, N. Y. Hoists. 65,207, re-renewed Sept. 10, 1947. O. G. Sept. 28. Class 23.

Chix Stix Distributing Company, Dallas, Tex. Canned tamale style chicken and dressing. 440,825, Sept. 28; Serial No. 524,373, published June 29, 1948. Class 46.

Christina, Vincent, & Company, Inc., New York, N. Y. Medicinal preparations. 440,764, Sept. 28; Serial No. 492,487, published June 22, 1948. Class 6.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, baking soda, and bicarbonate of soda. 502,457, Sept. 28; Serial No. 526,743, published June 29, 1948. Class 6.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, washing soda, and bicarbonate of soda (baking soda). 502,458, Sept. 28; Serial No. 526,745, published June 29, 1948. Class 6.

Ciba Limited: *See*—
Society of Chemical Industry in Basle.

Cifuentes Y Compañia, Habana, Cuba. Cigars, cigarettes, and smoking tobacco. 440,817, Sept. 28; Serial No. 522,687, published July 6, 1948. Class 17.

Citizens' Wholesale Supply Company, The, Columbus, Ohio. Aqua ammonia, dry ammonia, laundry ammonia, etc. 150,294, Jan. 3, 1922. Republished Sept. 28. Class 6.

Citizens' Wholesale Supply Company, The, Columbus, Ohio. Bay leaves, dried beans, beef extract, etc. 302,799–800, Apr. 25, 1933. Republished Sept. 28. Class 46.

Clark & Clark, Wenonah, N. J. Tablets containing thyroid for internal consumption. 403,769, Oct. 19, 1943. Republished Sept. 28. Class 6.

Clark, Son & Moriand, Limited, Glastonbury, England. Skin rugs and mats, etc. 236,306, Dec. 6, 1927. Republished Sept. 28. Class 50.

Cleveland Brass Manufacturing Company, The, to The Acimet Valve Manufacturing Company, Cleveland, Ohio. Cocks, faucets, plumbing valve devices, etc. 263,455, Nov. 5, 1929. New certificate. O. G. Sept. 28. Class 13.

Cleveland Frog & Crossing Co., Cleveland, Ohio. Railroad frogs and crossings. 502,479–80, Sept. 28; Serial Nos. 529,964–5, published June 8, 1948. Class 14.

Clifton Manufacturing Company, Clifton, S. C. Piece goods. 502,464, Sept. 28; Serial No. 528,336, published June 15, 1948. Class 42.

Climax Fuse Co., The, New York, N. Y., by The Ensign-Bickford Company, Simsbury, Conn. Fuses. 56,489, Oct. 2, 1906. Republished Sept. 28. Class 9.

Coast Fishing Company, Wilmington, Calif. Canned sardines, and spiced tomato sauce. 122,375, July 30, 1918. Republished Sept. 28. Class 46.

Coast Manufacturing & Supply Co., Berkeley, Calif., by The Ensign-Bickford Company, Simsbury, Conn. Fuses. 62,243, Apr. 30, 1907. Republished Sept. 28. Class 9.

Cochran, Jacqueline, Roselle, N. J. Cosmetics and beauty preparations. 392,606, Jan. 6, 1942. Republished Sept. 28. Class 6.

Cochran, Jacqueline, doing business under the name and style of Jacqueline Cochran and Jacqueline Cochran Cosmetics, assignor to Jacqueline Cochran, Inc., Newark, N. J. Cosmetics and beauty preparations. 502,553, Sept. 28; Serial No. 537,418, published June 29, 1948. Class 6.

Cochran, Jacqueline, Inc.: *See*—
Cochran, Jacqueline.

Cochran, Jacqueline, and Jacqueline Cochran, Cosmetics: *See*—
Cochran, Jacqueline.

Cohn-Hall-Marx Co., New York, N. Y. Cotton and/or silk piece goods. 334,050, Apr. 21, 1936. Republished Sept. 28. Class 42.

Cohn-Hall-Marx Co., New York, N. Y. Piece goods of wool, cotton, rayon, etc. 502,579, Sept. 28; Serial No. 541,262, published July 6, 1948. Class 42.

Colgate-Palmolive-Peet Company: *See*—
Palmolive Peet Company, The.

Collins-Maddox Company, The, Clinton, Okla. Field, garden, and flower seeds. 440,796, Sept. 28; Serial No. 514,411, published June 15, 1948. Class 1.

Colonial Dames, Inc.: *See*—
Willats, Harold P.

Columbian Enameling & Stamping Co., to Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Bedpans. 245,125, renewed Aug. 7, 1948. O. G. Sept. 28. Class 44.

Columbian Enameling & Stamping Co., Inc.: *See*—
Columbian Enameling & Stamping Co.

Columbus Dental Manufacturing Co., The, Columbus, Ohio. Artificial teeth, tooth facings, and tooth backings. 244,109, renewed July 10, 1948. O. G. Sept. 28. Class 44.

Com-Fit Company: *See*—
Stoner, George D.

Commerce Pattern, Foundry & Machine Company: *See*—
Lannen, Joseph P.

Conco Engineering Works, to J. E. Porter Corporation, Ottowa, Ill. Ice cream freezers. 337,982, Aug. 25, 1936. New certificate. O. G. Sept. 28. Class 31.

Conco Engineering Works, to J. E. Porter Corporation, Ottowa, Ill. Ice cream freezers. 341,872, Dec. 29, 1936. New certificate. O. G. Sept. 28. Class 31.

Confectioners' Journal Publishing Co., Inc., Philadelphia, Pa. Periodical. 61,437, Mar. 19, 1907. Republished Sept. 28. Class 38.

Conkey, H. D., & Company, to J. E. Porter Corporation, Ottowa, Ill. Ice cream freezers. 362,760, Nov. 29, 1938. New certificate. O. G. Sept. 28. Class 31.

Consolidated Machine Tool Corporation: *See*—
Sellers, William, & Company, Incorporated.

Consolidated Shoe Corporation, Cincinnati, by Roth, Rauh & Heckel, Inc., Ripley, Ohio. Women's shoes. 381,581, Oct. 1, 1940. Republished Sept. 28. Class 39.

Conway Import Co., Inc., Long Island City, N. Y. Salad oil. 336,436, July 7, 1936. Republished Sept. 28. Class 46.

Corah, N., & Sons Limited, Leicester, England. Hosiery, undershirts, pants, etc. 246,387, renewed Sept. 4, 1948. O. G. Sept. 28. Class 39.

Corduroy Rubber Company, Grand Rapids, Mich. Vehicle tires. 502,544, Sept. 28; Serial No. 536,052, published July 6, 1948. Class 35.

Corhart Refractories Company, Louisville, Ky. Refractory bricks, blocks, and grains. 500,350, May 11, 1948. Corrected. O. G. Sept. 28. Class 12.

Coro, Inc., New York, N. Y. Jewelry. 502,511, Sept. 28; Serial No. 532,690, published June 8, 1948. Class 28.

Coty, Inc.: *See*—
Earle, Marie, Inc.

Craft, W. L., doing business as Dixie Syrup Company, Florence, Ala. Table syrups. 265,714, Jan. 7, 1930. Republished Sept. 28. Class 46.

Crescent Laboratories, Montclair, N. J., assignor to Crown Controls Company, Inc., New Bremen, Ohio. Alarm apparatus. 440,805, Sept. 28; Serial No. 518,520, published July 6, 1948. Class 26.

Crown Controls Company, Inc.: *See*—
Crescent Laboratories.

Crown Zellerbach Corporation: *See*—
Western Waxed Paper Company.

Crucible Steel Company of America, New York, N. Y. Consumable metallic welding rods. 440,829, Sept. 28; Serial No. 525,550, published Nov. 18, 1947. Class 14.

D. T. Products Co., East McKeesport, to J. N. Beck, McKeesport, Pa. Liquid soap or soap paste. 244,229, renewed July 17, 1948. O. G. Sept. 28. Class 4.

Daniel Frank Company, Boston, Mass. Cigars. 502,521, Sept. 28; Serial No. 534,426, published July 6, 1948. Class 17.

Davey, P. N., Washington, D. C. Desiccating compounds for absorbing water vapor, gases, and liquids. 502,539, Sept. 28; Serial No. 535,689, published June 29, 1948. Class 6.

Day's Tailor-D Clothing, Inc.: *See*—
Day's Tailor-D Wear, Inc.

Day's Tailor-D Wear, Inc., to Day's Tailor-D Clothing, Inc., Tacoma, Wash. Trousers. 246,938, renewed Sept. 18, 1948. O. G. Sept. 28. Class 39.

Day's Tailor-D Wear, Inc., to Day's Tailor-D Clothing, Inc., Tacoma, Wash. Trousers, suits, knickers, etc. 249,724, renewed Nov. 20, 1948. O. G. Sept. 28. Class 39.

Decker, William M., by Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y. Nursing bottles. 48,455, Jan. 2, 1906. Republished Sept. 28. Class 44.

Democrat Printing & Lithographing Company, Little Rock, Ark. Invoices, statements, ledger leaves. 408,903, Sept. 5, 1944. Republished Sept. 28. Class 37.

De Nordiske Fabriker, De. No. Fa. Aktieselskap, Christiania, to De Nordiske Fabriker De. No. Fa. Aktieselskap, Oslo, Norway. Edible fats and oils. 164,795, renewed Feb. 27, 1943. O. G. Sept. 28. Class 46.

De Nordiske Fabriker De-No-Fa Aktieselskab, Christiania, to De Nordiske Fabriker De. No. Fa. Aktieselskap, Oslo, Norway. Edible fats and oils. 196,235, renewed Mar. 10, 1945. O. G. Sept. 28. Class 46.

Desbergers Limited, Montreal, Quebec, Canada. Medicinal preparation. 502,532, Sept. 28; Serial No. 535,005, published June 6, 1948. Class 6.

Desprez, Jean, Paris, France. Perfumes and rouges. 440,765, Sept. 28; Serial No. 494,040, published July 9, 1946. Class 6.

Destileria Serralles, Inc., to Schieffelin & Co., New York, N. Y. Rum. 341,119, Dec. 1, 1936. New certificate. O. G. Sept. 28. Class 49.

Devon Bakeries, Inc., New York, N. Y., by Devonsheer Melba Corporation, West New York, N. J. Toast. 299,766, Dec. 20, 1932. Republished Sept. 28. Class 46.

Devonsheer Melba Corporation: *See*—
Devon Bakeries, Inc.

Dev-Ro Novelty Company, Not Inc., Chicago, Ill. Electrical computing apparatus. 440,814, Sept. 28; Serial No. 521,987, published July 6, 1948. Class 26.

Diamond Alkali Company: *See*—
Speare Supply Company, The.
Standard Portland Cement Company.

Diamond Alkali Company, by Diamond Alkali Company, Pittsburgh, Pa. Soda ash and caustic soda and modified forms. 152,151, Feb. 21, 1922. Republished Sept. 28. Class 6.

Dinjian, Geo. L., Fresno, to T. M. Parks, Lompos, Calif. Lemons, grapefruit; fresh fruits. 242,599, renewed May 29, 1948. O. G. Sept. 28. Class 46.

Diversey Corporation, The: *See*—
Enoz Chemical Company.

Diversey Corporation, The, Chicago, Ill. Acid scale solvent. 502,453, Sept. 28; Serial No. 522,736, published June 22, 1948. Class 6.

Dixie Syrup Company: *See*—
Craft, W. L.

Dodge Manufacturing Corporation, Mishawaka, Ind., and Oneida, N. Y., to Dodge Manufacturing Corporation, Mishawaka, Ind. Steel, iron, brass, etc. 245,508, renewed Aug. 14, 1948. O. G. Sept. 28. Class 14.

Dorr Company, The, by The Dorr Company (1943), New York, N. Y. Apparatus for the treatment of solids suspended in liquids. 205,320, Nov. 3, 1925. Republished Sept. 28. Class 23.

Dorr Company, The, by The Dorr Company (1943), New York, N. Y. Apparatus for the treatment of solids. 248,626, Oct. 23, 1928. Republished Sept. 28. Class 23.

Dorr Company (1943), The: *See*—
Dorr Company, The.

Dougherty, W. W., Atkins, Ark. Pickles. 440,828, Sept. 28; Serial No. 525,307, published June 29, 1948. Class 46.

Ducharne, F., Silk Co., Inc., New York, N. Y. Velvet piece goods of silk and rayon. 225,557, renewed Mar. 22, 1947. O. G. Sept. 28. Class 42.

Durham Enders Razor Corporation: *See*—
Durham Safety Razor Co.

Durham Safety Razor Co., New York, N. Y., to Durham Enders Razor Corporation, Mystic, Conn. Razors. 70,855, re-renewed Oct. 13, 1948. O. G. Sept. 28. Class 23.

Dussi-Wallace and Company, New York, N. Y. Plastic vinyl sheeting. 502,576, Sept. 28; Serial No. 540,798, published July 6, 1948. Class 42.

Earle, Marie, Inc., to Coty, Inc., New York, N. Y. Soap. 244,225, renewed July 17, 1948. O. G. Sept. 28. Class 4.

Earle, Marie, Inc., to Coty, Inc., New York, N. Y. Salve, tonic, and lotion. 247,632, renewed Oct. 2, 1948. O. G. Sept. 28. Class 6.

Earle, Marie, Inc., to Coty, Inc., New York, N. Y. Toilet soaps. 247,886, renewed Oct. 9, 1948. O. G. Sept. 28. Class 4.

Earle, Marie, Inc.; to Coty, Inc., New York, N. Y. Face powder, dusting powder, perfume, and face tissues of paper. 249,004, renewed Nov. 6, 1948. O. G. Sept. 28. Classes 6 and 37.

Eastman Kodak Company, Rochester, N. Y., and Flemington, N. J. Photographic lenses. 502,474–5, Sept. 28; Serial Nos. 529,614–15, published June 15, 1948. Class 26.

Economy Bias Binding Co., Inc.: *See*—
Ladin Sales Co., The.

Edgar-Morgan Company, by Happy Mills (1944), Memphis, Tenn. Stock feed. 121,637, May 14, 1918. Republished Sept. 28. Class 46.

Elmer and Amend, New York, N. Y. Hand cream. 502,492, Sept. 28; Serial No. 530,926, published June 8, 1948. Class 6.

Electra Manufacturing Company: *See*—
Lafite, Roger G.

Electro-Master Company, assignor to Electromaster, Inc., Detroit, by Electromaster, Inc., Mount Clemens, Mich. Electric cooking stoves and electrical parts, etc. 310,873, Mar. 13, 1934. Republished Sept. 28. Class 21.

Electromaster, Inc.: *See*—
Electro-Master Company, assignee.

Ellis, A. D., Mills Incorporated, Monson, Mass. Woolen piece goods. 502,580, Sept. 28; Serial No. 541,270, published July 6, 1948. Class 42.

Elroy Naval Stores Co.: *See*—
Meadows, Pearce L.

Elroy Naval Stores Co., Inc.: *See*—
Meadows, Pearce L.

Endicott Johnson Corporation, Endicott, N. Y. Leather and rubber boots and shoes. 233,079–81, Sept. 20, 1927. Republished Sept. 28. Class 39.

Endicott Johnson Corporation, Endicott, N. Y. Leather coats, leather vests, leather helmets and caps, etc. 251,150, renewed Jan. 1, 1949. O. G. Sept. 28. Class 39.

Endicott Johnson Corporation, Endicott, N. Y. Shoes. 381,644, Oct. 1, 1940. Republished Sept. 28. Class 39.

Endicott Johnson Corporation, Endicott, N. Y. Women's shoes. 385,024, Feb. 11, 1941. Republished Sept. 28. Class 39.

Endicott Johnson Corporation, Endicott, N. Y. Girls' and misses' shoes. 413,157, Apr. 10, 1945. Republished Sept. 28. Class 39.

Engelman, Alex E., El Centro, Calif. Fresh vegetables. 440,799–800, Sept. 28; Serial Nos. 517,186–7, published June 29, 1948. Class 46.

Engelman, Alex E., El Centro, Calif. Fresh melons. 440,810, Sept. 28; Serial No. 520,204, published June 29, 1948. Class 46.

Enoz Chemical Company, assignor to The Diversey Corporation, Chicago, Ill. Insecticide, moth spray, and moth and larvae inhibitor. 440,760, Sept. 28; Serial No. 486,090, published Dec. 24, 1946. Class 6.

Ensign-Bickford Company, The: *See*—
Climax Fuse Co., The.
Const Manufacturing & Supply Co.

Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 73,676, May 11, 1909. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 73,678, May 11, 1909. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 74,343, July 6, 1909. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 102,388–9, Feb. 9, 1915. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 102,391–3, Feb. 9, 1915. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 104,286, May 18, 1915. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuse. 187,764–5, Aug. 12, 1924. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Fuse. 188,178, Aug. 19, 1924. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Detonating fuse. 345,773, May 4, 1937. Republished Sept. 28. Class 9.

Ensign-Bickford Company, The, Simsbury, Conn. Ignition device. 383,372, Feb. 25, 1941. Republished Sept. 28. Class 9.

Enterprise Aluminum Company: *See*—
Automatic Drip-O-Lator Company.

Erickson, C. E., Co., Inc., Des Moines, Iowa, by The Springfield Leather Products Company, Springfield, Ohio. Leather key holders. 238,149, Jan. 31, 1928. Republished Sept. 28. Class 3.

Erwin Cotton Mills Company, Durham, N. C. Cotton goods in the piece. 502,523, Sept. 28; Serial No. 534,614, published July 6, 1948. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Bed sheets and pillow cases and cotton goods in the piece. 502,524, Sept. 28; Serial No. 534,615, published June 29, 1948. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Bed sheetings. 502,525, Sept. 28; Serial No. 534,616, published June 29, 1948. Class 42.

Erwin Cotton Mills Company, Durham, N. C. Bed sheets, pillow cases and cotton piece goods. 502,526, Sept. 28; Serial No. 534,617, published June 29, 1948. Class 42.

Eureka Williams Corporation: *See*—
Williams Oil-O-Matic Heating Corporation.

Eutectic Welding Alloys Corporation, New York, N. Y. Alloys in various forms. 502,459, Sept. 28; Serial No. 526,926, published June 15, 1948. Class 14.

Eutectic Welding Alloys Corporation, New York, N. Y. Metal rods and electrodes. 502,460, Sept. 28; Serial No. 526,938, published June 8, 1948. Class 14.

Eutectic Welding Alloys Corporation, New York, N. Y. Rods and wires. 502,469, Sept. 28; Serial No. 529,244, published June 8, 1948. Class 14.

Evans Case Co., North Attleboro, Mass. Cigarette cases. 502,484, Sept. 28; Serial No. 530,485, published July 6, 1948. Class 8.

Everhot Heating Pad Co.: *See*—
Worth, Lena R.

Faber, A. W., Castell Pencil Co., Inc.: *See*—
Faber, A. W., Inc.

Faber, A. W., Inc., by A. W. Faber-Castell Pencil Co., Newark, N. J. Pencils and rubber erasers. 323,266, Apr. 9, 1935. Republished Sept. 28. Class 37.

Faber, A. W., Inc., by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, crayon pencils, ink pencils, etc. 347,027, June 15, 1937. Republished Sept. 28. Class 37.

Faber, A. W., Inc., doing business as Johann Faber, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, ink pencils, and crayon pencils, etc. 366,725, Apr. 25, 1939. Republished Sept. 28. Class 37.

Faber, A. W., Inc., doing business as Johann Faber, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, crayon pencils, ink pencils, etc. 368,271, June 13, 1939. Republished Sept. 28. Class 37.

Faber, A. W., Inc., by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Wood encased lead pencils. 420,857, May 7, 1946. Republished Sept. 28. Class 37.

Faber, A. W., Inc., by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Combination brush and rubber eraser. 426,634, Jan. 7, 1947. Republished Sept. 28. Class 37.

Faber-Castell, A. W., Pencil Co., Inc.: *See*—
Faber, A. W., Inc.

Faber, Johann: *See*—
Faber, A. W., Inc.

Fairfield Engineering Company, The, Marion, Ohio. Portable conveyors of the adjustable boom type. 379,331, July 9, 1940. Republished Sept. 28. Class 23.

Fair Play Caramels, Inc.: *See*—
Ideal Caramel Company, Inc.

Farm Fertilizers, Inc., Omaha, Nebr. Inorganic fertilizer. 502,495, Sept. 28; Serial No. 531,202, published June 1, 1948. Class 10.

Faultless Starch Company, Kansas City, Mo. Powdered laundry starch. 51,025, Apr. 3, 1906. Republished Sept. 28. Class 6.

Federal Cigar Company, Inc., Red Lion, Pa. Cigars. 248,633, renewed Oct. 23, 1948. O. G. Sept. 28. Class 17.

Federal Distributing Company, Newark, to Jewel Products, Inc., Bloomfield, N. J. Incandescent lamps. 249,997, renewed Nov. 27, 1948. O. G. Sept 28. Class 21.

Federal Manufacturing and Engineering Corp., Brooklyn, N. Y. Photographic equipment. 440,801, Sept. 28; Serial No. 517,565, published Jan. 27, 1948. Class 26.

Fenn Bros. Inc., Sioux Falls, S. Dak. Chocolate nougat bars. 70,918, Oct. 13, 1908. Republished Sept. 28. Class 46.

Fesler, Geo. C. V., Company, St. Louis, Mo., by Pearson Pharmacal Company, Inc., New York, N. Y. Deodorant. 248,317, Oct. 16, 1928. Republished Sept. 28. Class 6.

Filtration Engineers, Incorporated, New York, N. Y. Automatic vacuum filters, automatic sand filters, etc. 428,805, Apr. 1, 1947. Republished Sept. 28. Class 31.

Filtration Engineers, Incorporated, New York, N. Y. Automatic vacuum filters, automatic sand filters, etc. 429,458, Apr. 29, 1947. Republished Sept. 28. Class 31.

Firth Sterling Steel & Carbide Corporation: *See*—
Firth-Sterling Steel Company.

Firth-Sterling Steel Company, to Firth Sterling Steel & Carbide Corporation, McKeesport, Pa. Steel bars of various shapes and sizes and on forgings, blocks, etc. 243,330, renewed June 19, 1948. O. G. Sept. 28. Class 14.

Fiske, J. W., Iron Works: *See*—
Malleable Steel Range Mfg. Co., The.

Flako Products Corporation, New Brunswick, N. J. Prepared flour for biscuits and shortcake. 249,013, renewed Nov. 6, 1948. O. G. Sept. 28. Class 46.

Flannery Bolt Company, Bridgeville, Pa. Apparatus for revealing defects in metal members. 412,045, Feb. 13, 1945. Republished Sept. 28. Class 26.

Flintkote Company, The: *See*—
Plastic Engineering Corporation.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Grapefruit juices. 255,630, Apr. 30, 1929. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned grapefruit. 259,726, Aug. 6, 1929. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Fresh citrus fruits and fresh vegetables and canned grapefruit. 272,763, July 15, 1930. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Fruit juices. 279,725, Jan. 20, 1931. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned combination of grapefruit, and Hawaiian pineapple. 291,004, Jan. 26, 1932. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned grapefruit juice. 353,735, Jan. 18, 1938. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned grapefruit, canned peas, canned tomato juice, etc. 368,967, July 11, 1939. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned fruits, and canned fruit juices. 370,558, Aug. 29, 1939. Republished Sept. 28. Class 46.

Florida Fruit Canners, Inc., by L. Maxcy, Inc., Frostproof, Fla. Canned fruit juices. 390,201, Sept. 9, 1941. Republished Sept. 28. Class 46.

Forstmann & Huffmann Company, to Forstmann Woolen Company, Passaic, N. J. Woolen piece goods. 244,244, renewed July 17, 1948. O. G. Sept. 28. Class 42.

Forstmann & Huffmann Company, to Forstmann Woolen Company, Passaic, N. J. Woolen piece goods. 244,275, renewed July 17, 1948. O. G. Sept. 28. Class 42.

Forstmann & Huffmann Company, to Forstmann Woolen Company, Passaic, N. J. Woolen piece goods. 244,332, renewed July 17, 1948. O. G. Sept. 28. Class 42.

Forstmann & Huffmann Company, to Forstmann Woolen Company, Passaic, N. J. Woolen piece goods. 244,335, renewed July 17, 1948. O. G. Sept. 28. Class 42.

Forstmann & Huffmann Company, to Forstmann Woolen Company, Passaic, N. J. Woolen piece goods. 244,982, renewed July 31, 1948. O. G. Sept. 28. Class 42.

Forstmann Woolen Company: *See*—
Forstmann & Huffmann Company.

Fort Massac Chair Company, The, by Metropolis Bending Company, Metropolis, Ill. Chairs. 334,060, Apr. 21, 1936. Republished Sept. 28. Class 32.

Frantz Manufacturing Company: *See*—
Kohler Die & Specialty Company.

Fraser Reel and Specialty Company, Fraser, Mich. Fishing reels and artificial fish baits. 502,591, Sept. 28; Serial No. 518,396. Class 22.

French Shoppe, The: *See*—
Steele, James O.

Garfinkel, Julius, & Co., Incorporated: *See*—
Garfinkle, Julius.

Garfinkle, Julius, to Julius Garfinkel & Co., Incorporated, Washington, D. C. Corsets. 70,100, re-renewed July 28, 1948. O. G. Sept. 28. Class 39.

Gates Rubber Company, The, Denver, Colo. Power transmission belts. 502,455, Sept. 28; Serial No. 526,661, published July 6, 1948. Class 35.

Gates Rubber Company, The, Denver, Colo. Garden hose. 502,550, Sept. 28; Serial No. 537,169, published June 15, 1948. Class 35.

Gem-Dandy Garter Co., to Gem-Dandy, Inc., Madison, N. C. Garters, arm bands, and suspenders. 247,541, renewed Oct. 2, 1948. O. G. Sept. 28. Class 39.

Gem-Dandy, Inc.: *See*—
Gem-Dandy Garter Co.

General Coal Company, Philadelphia, Pa. Coal. 233,775, Oct. 11, 1927. Republished Sept. 28. Class 1.

General Coal Company, Philadelphia, Pa. Coal. 236,726, Dec. 20, 1927. Republished Sept. 28. Class 1.

General Motors Corporation: *See*—
Lovell-McConnel Manufacturing Company, The.
Ternstedt Manufacturing Company.

General Motors Corporation, Detroit, Mich. Automobiles and motor-driven trucks. 245,099, renewed Aug. 7, 1948. O. G. Sept. 28. Class 19.

General Sports, Inc., Chicago, by Wilson Sporting Goods Co., Chicago, Ill. Cushion rubber. 349,634, Aug. 31, 1937. Republished Sept. 28. Class 1.

Glaenzer, Bertrand R., Paris, France. Artificial and natural fertilizers, and chemical substances. 502,441, Sept. 28; Serial No. 495,229, published May 4, 1948. Class 10.

Glen Raven Cotton Mills, by Glen Raven Cotton Mills, Inc., Glen Raven, N. C. Cotton piece goods. 279,711, Jan. 20. 1931. Republished Sept. 28. Class 42.

Glen Raven Cotton Mills, Inc.: *See*—
Glen Raven Cotton Mills.

Glovecraft, Inc., Johnstown, N. Y. Ladies' wool-lined leather mittens. 392,126, Dec. 9, 1941. Republished Sept. 28. Class 39.

Godman, H. C., Company, The: *See*—
Steele, James O.

Godman, H. C., Company, The, Columbus, Ohio. Shoes constructed of leather. 241,181, renewed Apr. 17, 1948. O. G. Sept. 28. Class 39.

Gold Cross Mattress Corp., Boston, Mass. Mattresses, beds, studio couches, sofas, etc. 430,036, June 3, 1947. Republished Sept. 28. Class 32.

Golden State Company, Ltd.: *See*—
Golden State Milk Products Company.

Golden State Milk Products Company, to Golden State Company, Ltd., San Francisco, Calif. Butter. 241,977, renewed May 8, 1948. O. G. Sept. 28. Class 46.

Goldman, Simmons & Co., by Hollywogue Ties, Los Angeles, Calif. Men's neckties. 214,843, July 6, 1926. Republished Sept. 28. Class 39.

Goodman-Kleiner Co., Inc., New York, N. Y. Medical device. 440,811–12, Sept. 28; Serial Nos. 520,803–4, published July 6, 1948. Class 44.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Impervious sheeting for general medical and hospital use. 440,784, Sept. 28; Serial No. 507,902, published July 6, 1948. Class 44.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Rubber packing. 502,465, Sept. 28; Serial No. 528,451, published July 6, 1948. Class 35.

Gossard, H. W., Co., The, now by change of name Associated Apparel Industries, Inc., to The H. W. Gossard Co., Chicago, Ill. Women's combination undergarments. 249,499, renewed Nov. 13, 1948. O. G. Sept. 28. Class 39.

Gourielli, Inc., New York, N. Y. Before shave lotion, deodorants, after shave lotion, etc. 440,795, Sept. 28; Serial No. 512,739, published June 15, 1948. Class 6.

Great American Tea Company, The, New York, N. Y. Coffee. 502,466, Sept. 28; Serial No. 528,469, published June 22, 1948. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Coffee and chicory compound. 502,461, Sept. 28; Serial No. 527,364, published June 29, 1948. Class 46.

Great Atlantic and Pacific Tea Company, The, New York, N. Y. Candy. 502,504, Sept. 28; Serial No. 532,011, published June 22, 1948. Class 46.

Great Atlantic and Pacific Tea Company, The, New York, N. Y. Bird gravel. 502,522, Sept. 28; Serial No. 534,434, published June 1, 1948. Class 1.

Great Lakes Carbon Corporation, Chicago, Ill., and Los Angeles, Calif. Earth mixtures. 440,767, Sept. 28; Serial No. 498,007, published June 22, 1948. Class 1.

Great Lakes Growers Cooperative, North Girard, Pa. Frozen vegetables, frozen applesauce, and frozen strawberries. 440,819, Sept. 28; Serial No. 522,859, published June 22, 1948. Class 46.

Great Lakes Steel Corporation, Wilmington, Del., and Ecorse, Mich. Readily erectable buildings, portable buildings, knock-down buildings, etc. 440,757, Sept. 28; Serial No. 476,099, published June 22, 1948. Class 12.

Great Northern Chemical Co., by Hy-G Corporation, San Francisco, Calif. Insecticides, ant sprays, ant powders, etc. 367,208, May 9, 1939. Republished Sept. 28. Class 6.

Greenabaum Bros., Inc., Seaford, Del., by E. Pritchard, Inc., Bridgeton, N. J. Catsup and chilli sauce. 151,786, Feb. 14, 1922. Republished Sept. 28. Class 46.

Greenabaum Bros., Inc., Seaford, Del., by E. Pritchard, Inc., Bridgeton, N. J. Tomato catchup, chili sauce, and canned pork and beans. 156,679, July 11, 1922. Republished Sept. 28. Class 46.

Greenbaum, Harry L., doing business as Technical Color & Chemical Works, by Technical Color & Chemical Works, Inc., Brooklyn, N. Y. Prepared shellac, banana bronzing liquids, etc. 207,016, Dec. 15, 1925. Republished Sept. 28. Class 16.

Greenblat, Paul E., Brooklyn, N. Y. Electric lamps. 424,180, Sept. 24, 1946. Republished Sept. 28 Class 21.

Greene, Tweed & Co., New York, N. Y. Wrenches and parts thereof. 178,287, Jan. 8, 1924. Republished Sept. 28. Class 23.

Greene, Tweed & Co., New York, N. Y. Packings for wearing and bearing parts of machines and mechanical devices. 191,881, Nov. 18, 1924. Republished Sept. 28. Class 35.

Greene, Tweed & Co., New York, N. Y. Hammers, mallets, and mauls. 313,729, June 5, 1934. Republished Sept. 28. Class 23.

Greene, Tweed & Co., New York, N. Y. Machinery packings of all kinds. 362,452, Nov. 15, 1938. Republished Sept. 28. Class 35.

Greene, Tweed & Co., New York, N. Y. Machinery packing. 427,180, Jan. 28, 1947. Republished Sept. 28. Class 35.

Gretsch, Fred, Mfg. Co., The, Brooklyn, N. Y. Cymbals. 228,592, June 7, 1927. Republished Sept. 28. Class 36.

Grit Publishing Company, Williamsport, Pa. Weekly newspaper. 202,231, Aug. 18, 1925. Republished Sept. 28. Class 38.

Grossman Clothing Co.: *See*—
Grossman, Isadore.

Grossman, Isadore, doing business as Grossman Clothing Co., by Grossman Clothing Co., New York, N. Y. Men's suits, overcoats, topcoats, and trousers. 304,362, July 4, 1933. Republished Sept. 28. Class 39.

Group Publishers, Inc.: *See*—
Natamsa Publishing Company, Inc.

Grover, J. J., Shoe Co., Inc.: *See*—
Grover's, J. J., Sons Company.

Grover's, J. J., Sons Company, Lynn, Mass., by J. J. Grover Shoe Co., Inc., Haverhill, Mass. Women's, misses' and children's shoes. 214,899, July 6, 1926. Republished Sept. 28. Class 39.

Haas, Baruch, & Co., Los Angeles, Calif. Canned fish, canned fruits, canned vegetables, etc. 243,930, renewed July 3, 1948. O. G. Sept. 28. Class 46.

Hall, Joseph K.: *See*—
Nelson, William.

"Hallicrafters, The": *See*—
Halligan, William J.

Hallicrafters Co., The: *See*—
Halligan, William J.
Halligan, William J., doing business as "The Hallicrafters," by The Hallicrafters Co., Chicago, Ill. Radio receiving sets. 322,050, Feb. 26, 1935. Republished Sept. 28. Class 21.
Handkerchief Corporation of America, The, Los Angeles, Calif. Handkerchiefs, belts for outer wear, suspenders, etc. 419,312, Feb. 12, 1946. Republished Sept. 28. Class 39.
Hanes Hosiery Mills Company, Winston-Salem, N. C., to Robern Shoe Manufacturing Corporation, New York, N. Y. Hosiery. 245,095, renewed Aug. 7, 1948. O. G. Sept. 28. Class 39.
Hanson-Van Winkle-Munning Company, Matawan, N. J., and elsewhere. Nickel salts and nickel brightener. 502,519, Sept. 28; Serial No. 534,277, published June 15, 1948. Class 6.
Hanson-Van Winkle-Munning Company, Matawan, N. J., and elsewhere. Nickel brightener. 502,520, Sept. 28; Serial No. 534,278, published June 15, 1948. Class 6.
Happy Mills, by Happy Mills (1944), Memphis, Tenn. Feed for livestock, poultry, rabbits, etc. 411,181, Jan. 9, 1945. Republished Sept. 28. Class 46.
Happy Mills (1944): *See*—
Edgar-Morgan Company.
Happy Mills.
Harper Feed Mills, Inc., Washington, Pa. Stock feeds. 440,798, Sept. 28; Serial No. 516,275, published June 29, 1948. Class 46.
Hehn, Otto, Kings Mountain, N. C. Motion picture screens. 440,786, Sept. 28; Serial No. 508,907, published July 6, 1948. Class 26.
Hellinger, George J., Brooklyn, N. Y. Contact lens. 440,824, Sept. 28; Serial No. 524,188, published June 29, 1948. Class 26.
Heribert, Inc., New York, N. Y. Plastic sheeting or films. 440,803, Sept. 28; Serial No. 517,996, published June 29, 1948. Class 42.
Herkner, E. C., Company: *See*—
Herkner, Edward C.
Herkner, Edward C., doing business as E. C. Herkner Company, Littleton, Colo. Mount for telescopic gun sights. 440,776, Sept. 28; Serial No. 505,496, published June 22, 1948. Class 26.
Hickey-Freeman Company, Rochester, N. Y. Men's overcoats. 245,236, renewed Aug. 7, 1948. O. G. Sept. 28. Class 39.
Hickey-Freeman Company, Rochester, N. Y. Men's topcoats and overcoats. 246,858, renewed Sept. 18, 1948. O. G. Sept. 28. Class 39.
Hickey-Freeman Company, Rochester, N. Y. Men's suits. 250,286, renewed Dec. 4, 1948. O. G. Sept. 28. Class 39.
Hickey Freeman Company, Rochester, N. Y. Men's suits. 251,048–9, renewed Dec. 25, 1948. O. G. Sept. 28. Class 39.
Hodgman Rubber Company, Inc., Framingham, Mass. Rubberized fabrics. 328,199, Sept. 17, 1935. Corrected. O. G. Sept. 28. Class 50.
Holliday, W. J., & Co., Indianapolis, Ind. Steel. 502,493, Sept. 28; Serial No. 531,037, published June 8, 1948. Class 14.
Hollyvogue Ties: *See*—
Goldman, Simmons & Co.
Hollyvogue Ties, Los Angeles, Calif. Neckties. 421,052, May 14, 1946. Republished Sept. 28. Class 39.
Hollyvogue Ties, Los Angeles, Calif. Men's neckties. 427,701, Feb. 18, 1947. Republished Sept. 28. Class 39.
Homo Distributing Co., Inc., Buffalo, N. Y. Preparation for the treatment of coughs due to colds. 390,087, Sept. 9, 1941. Republished Sept. 28. Class 6.
Hookless Fastener Company, to Talon, Inc., Meadville, Pa. Separable fasteners of the slider-controlled type. 250,113, renewed Nov. 27, 1948. O. G. Sept. 28. Class 13.
Horder's, Incorporated, Chicago, Ill. Loose-leaf devices. 189,531, Sept. 23, 1924. Republished Sept. 28. Class 37.
Horder's, Incorporated, Chicago, Ill. Lead pencils and leads. 336,254, June 30, 1936. Republished Sept. 28. Class 37.
Horder's Incorporated, Chicago, Ill. Carbon paper. 366,162, Apr. 4, 1939. Republished Sept. 28. Class 11.
Horder's, Incorporated, Chicago, Ill. Covers for papers. 371,322, Sept. 19, 1939. Republished Sept. 28. Class 37.
Houbigant, Inc.: *See*—
Parfumerie Houbigant.
Houbigant, Inc., New York, N. Y. Perfume extract and toilet water. 157,343, Aug. 1, 1922. Republished Sept. 28. Class 6.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, talcum powder, etc. 180,501, Mar. 4, 1924. Republished Sept. 28. Class 6.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 181,408, Mar. 18, 1924. Republished Sept. 28. Class 6.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 207,709, Jan. 5, 1926. Republished Sept. 28. Class 6.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 234,458, Oct. 25, 1927. Republished Sept. 28. Class 6.
Houbigant, Inc., New York, N. Y. Toilet soap and soap cream. 234,817, Nov. 8, 1927. Republished Sept. 28. Class 4.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 300,161, Jan. 10, 1933. Republished Sept. 28. Class 6.
Houbigant, Inc., New York, N. Y. Perfumes, toilet water, face powder, etc. 300,997, Feb. 14, 1933. Republished Sept. 28. Class 6.
Houghton, E. F. & Co., Philadelphia, Pa. Compounds in powdered form. 236,682, Dec. 20, 1927. Republished Sept. 28. Class 4.
Houghton, E. F., & Co., Philadelphia, Pa. Sizing agents for knitting yarns. 502,517, Sept. 28; Serial No. 533,578, published June 8, 1948. Class 6.
House of Bauer, The, doing business as Bauer's, Lincoln, Nebr. Candy. 502,594, Sept. 28; Serial No. 531,006. Class 46.
Hunter Milling Company, Wellington, Kans. Wheat flour. 92,077, June 17, 1913. Republished Sept. 28. Class 46.
Hunter Milling Company, The, Wellington, Kans. Wheat flour. 340,867, Nov. 24, 1936. Republished Sept. 28. Class 46.
Hygeia Nursing Bottle Company, Inc.: *See*—
Decker, William M.
Ideal Caramel Company, Inc., Johnson City, by Fair Play Caramels, Inc., Middletown, N. Y. Candies, candy confections, sweetmeats, etc. 177,214, Dec. 11, 1923. Republished Sept. 28. Class 46.
Ideal Caramel Company, Inc., Johnson City, by Fair Play Caramels, Inc. Middletown, N. Y. Candies, candy confections, sweetmeats, etc. 177,763, Dec. 25, 1923. Republished Sept. 28. Class 46.
Ideal Shoe Mfg. Co., to Mid-States Shoe Company, Milwaukee, Wis. Shoes. 245,212, renewed Aug. 7, 1948. O. G. Sept. 28. Class 39.
Ideal Shoe Mfg. Co., to Mid-States Shoe Company, Milwaukee, Wis. Leather shoes. 246,318, renewed Sept. 4, 1948. O. G. Sept. 28. Class 39.
Igleheart Brothers, Incorporated, Evansville, Ind. Cake flour. 244,091, renewed July 10, 1948. O. G. Sept. 28. Class 46.
Inland Steel Company, Chicago, Ill. Sheets, strips, rails, etc. 502,440, Sept. 28; Serial No. 494,272, published June 22, 1948. Class 14.
Inland Steel Company, Chicago, Ill. Hot rolled sheets, cold rolled sheets, shapes, bars, etc. 502,450, Sept. 28; Serial No. 517,190, published June 1, 1948. Class 14.
International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 502,507, Sept. 28; Serial No. 532,233, published July 6, 1948. Class 11.
International Handkerchief Mfg. Co., The: *See*—
International Manufacturing Co.
International Manufacturing Co., The.
International Manufacturing Co., The, to The International Handkerchief Mfg. Co., New York, N. Y. Handkerchief. 70,885–6, re-renewed Oct. 13, 1948. O. G. Sept. 28. Class 39.
International Manufacturing Co., The, to The International Handkerchief Mfg. Co., New York, N. Y. Handkerchiefs. 71,966–7, re-renewed Dec. 22, 1948. O. G. Sept. 28. Class 39.
International Motor Company, by Mack Manufacturing Corporation, New York, N. Y. Motor trucks. 291,095, Jan. 26, 1932. Republished Sept. 28. Class 19.
International Motor Company, by Mack Manufacturing Corporation, New York, N. Y. Self-propelled commercial motor trucks and tractor trucks. 303,673, June 6, 1933. Republished Sept. 28. Class 19.
International Motor Company, by Mack Manufacturing Corporation, New York, N. Y. Steering gears. 328,409, Sept. 24, 1935. Republished Sept. 28. Class 19.
Irena Film Studio, New York, N. Y. Processed moving picture films, and slide film still pictures. 440,774, Sept. 28; Serial No. 503,816, published July 6, 1948. Class 26.
Jacobs Brothers, Incorporated, Baltimore, Md. Nurses' uniforms, and women's, children's, misses' dresses and aprons. 246,638, renewed Sept. 11, 1948. O. G. Sept. 28. Class 39.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Soaps. 145,314, Aug. 2, 1921. Republished Sept. 28. Class 4.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Deodorant. 404,431, Nov. 23, 1943. Republished Sept. 28. Class 6.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Perfume. 418,569, Jan. 1, 1946. Republished Sept. 28. Class 6.
Jewel Products, Inc.: *See*—
Federal Distributing Company.
Joannes Brothers Company, Green Bay, Wis. Canned vegetables, canned fruits, canned milk, etc. 235,237, renewed Nov. 15, 1947. O. G. Sept. 28. Class 46.
Julian and Kokenge Company, The: *See*—
Perth Shoe Company, Limited.
Julian and Kokenge Company, The, Columbus, Ohio. Children's and growing girls' shoes. 358,791, July 26, 1938. Republished Sept. 28. Class 39.
Juilliard, A. D., & Co., Inc.: *See*—
Atlantic Mills, The.
Juilliard, A. D., & Co., Inc., New York, N. Y. Piece goods. 502,513, Sept. 28; Serial No. 533,168, published June 29, 1948. Class 42.

Keeley Stove Company, The, Columbia, Pa. Coal, wood and gas cooking and heating stoves, etc. 172,839, Sept. 11, 1933. Republished Sept. 28. Class 34.
Keeley Stove Company, The, Columbia, Pa. Coal, wood and gas cooking and heating stoves, etc. 175,783, Nov. 13, 1923. Republished Sept. 28. Class 34.
Keico Company, San Diego, Calif. Algin product. 433,047, Sept. 23, 1947. Republished Sept. 28. Class 16.
Keico Company, San Diego, Calif. Algin product. 440,783, Sept. 28; Serial No. 507,532, published May 25, 1948. Class 16.
Kelly-Springfield Tire Company, The, Cumberland, Md. Inner tubes. 502,509, Sept. 28; Serial No. 532,611, published June 22, 1948. Class 35.
Kenmore Metals Corporation, New York, N. Y. Corrosion resistant wires. 440,808, Sept. 28; Serial No. 519,758, published June 29, 1948. Class 14.
Ken-Nite Company, Detroit, Mich., by Western Auto Supply Company, Kansas City, Mo. Cleaner, wax and polish. 402,058, June 29, 1943. Republished Sept. 28. Class 16.
Kensett, Thomas, & Co., by Lord-Mott Company, Inc., Baltimore, Md. Canned fruit and vegetables. 55,929, Aug. 21, 1906. Republished Sept. 28. Class 46.
Kensett, Thomas, & Co., by Lord-Mott Company, Inc., Baltimore, Md. Canned oysters, shrimp, lobster, clams, etc. 58,230, Dec. 11, 1906. Republished Sept. 28. Class 46.
Kensett, Thomas, & Co., by Lord-Mott Company, Inc., Baltimore, Md. Canned fruits and vegetables. 62,661, May 21, 1907. Republished Sept. 28. Class 46.
Ken-Wel Sporting Goods Co. Inc., Utica, N. Y. Athletic and sporting goods. 241,191, renewed Apr. 17, 1948. O. G. Sept. 28. Class 22.
Kenyon, Thomas N., by D. D. Kenyon, Minneapolis, Minn. Remedies for catarrh, hay-fever, cold in the head, etc. 38,348, May 27, 1902. Republished Sept. 28. Class 6.
Keratol Company, The, Newark, N. J., by Atlas Powder Company, Wilmington, Del. Textile material provided with a flexible waterproof coating. 31,907, Aug. 30, 1898. Republished Sept. 28. Class 42.
Kester Solder Company, Chicago, Ill. Solder. 502,470, Sept. 28; Serial No. 529,271, published June 22, 1948. Class 14.
Kimball, W. W., Company, Chicago, Ill. Pianos. 502,473, Sept. 28; Serial No. 529,473, published July 6, 1948. Class 36.
King Powder Company, The, Cincinnati, Ohio. Permissible blasting powder. 502,505, Sept. 28; Serial No. 532,031, published May 11, 1948. Class 9.
Kingston, Austin G., by Kingston Manufacturing Company, San Antonio, Tex. Wearing apparel for boys and girls. 306,536, Sept. 19, 1933. Republished Sept. 28. Class 39.
Kingston Manufacturing Company: *See*—
Kingston, Austin G.
Klein, D. Emil, Co., Inc., New York, N. Y. Cigars, cheroots, cigarettes, etc. 502,477, Sept. 28; Serial No. 529,783, published July 6, 1948. Class 17.
Knickerbocker Mills Co., New York, N. Y. Pastry spice. 205,606, Nov. 10, 1925. Republished Sept. 28. Class 46.
Koch, George, Sons, Inc., Evansville, Ind. Flower pots. 376,478, Mar. 26, 1940. Republished Sept. 28. Class 30.
Koester, E. H., Baking Company, The, Baltimore, Md. Bread. 325,141, June 11, 1935. Corrected. O. G. Sept. 28. Class 46.
Kohler & Campbell, to Kohler & Campbell, Inc., New York, N. Y. Pianos. 69,228, re-renewed May 26, 1948. O. G. Sept. 28. Class 36.
Kohler & Campbell, Inc.: *See*—
Kohler & Campbell.
Kohler & Campbell, Inc., New York, N. Y. Pianos. 310,866, Mar. 13, 1934. Republished Sept. 28. Class 36.
Kohler & Campbell, Inc., New York, N. Y. Pianos. 310,869, Mar. 13, 1934. Republished Sept. 28. Class 36.
Kohler & Campbell, Inc., New York, N. Y. Pianos. 433,041–2, Sept. 23, 1947. Republished Sept. 28. Class 36.
Kohler Die & Specialty Company, De Kalb, by Frantz Manufacturing Company, Sterling, Ill. Roller skates. 233,736, Oct. 11, 1927. Republished Sept. 28. Class 22.
Kress & Owen Company, New York, N. Y. Nasal douche. 502,530, Sept. 28; Serial No. 534,897, published July 6, 1948. Class 44.
Krueger, G., Brewing Company, Newark, N. J. Beer and ale. 333,508, Mar. 24, 1936. Corrected. O. G. Sept. 28. Class 48.
L. and S. Packing Co., Inc., Long Island City, N. Y. Olive oil, bottled peppers, bottled pimentos, etc. 429,847, May 20, 1947. Republished Sept. 28. Class 46.
Ladin Sales Co., The, by Economy Bias Binding Co., Inc., New York, N. Y. Piping and bias binding. 276,539, Oct. 21, 1930. Republished Sept. 28. Class 40.
Lafite, Roger G., doing business as Automotive Manufacturing Company, by Electra Manufacturing Company, Kansas City, Mo. Generator-brush holders, battery cables, generator housings. 233,495, Oct. 4, 1927. Republished Sept. 28. Class 21.
La France Laboratories Inc., by A. S. Horowitz, New York, N. Y. Liquid shampoo. 147,124, Oct. 4, 1921. Republished Sept. 28. Class 6.
Lakeland Highlands Cooperative Association, Highlands City, Fla. Fresh citrus fruits. 348,052, July 13, 1937. Republished Sept. 28. Class 46.
Land O'Lakes Creameries, Inc., Minneapolis, Minn. Malted milk and chocolate malted milk. 238,023, renewed Jan. 24, 1948. O. G. Sept. 28. Class 46.
Langfield, C. E., doing business as The Solvite Company, Northville, Mich. Dry-cleaning soap. 243,223, June 12, 1928. Republished Sept. 28. Class 4.
Lannen, Joseph P., doing business as Commerce Pattern, Foundry & Machine Company, by Micro-Poise Engineering and Sales Company, Detroit, Mich. Machines for testing balance of tires. 397,956, Sept. 29, 1942. Republished Sept. 28. Class 26.
Lavino, E. J., and Company, Norristown, Pa. Chrome ore. 248,118, Oct. 16, 1928. Republished Sept. 28. Class 1.
Leeds & Northrup Company, Philadelphia, Pa. Automatic, electrically operated controlling, indicating and signalling apparatus. 440,818, Sept. 28; Serial No. 522,797, published June 8, 1948. Class 26.
Lehman Bros. Corp.: *See*—
Lehman Bros., Inc.
Lehman Bros., Inc., to Lehman Bros. Corp., Jersey City, N. J. Dry, ready-mixed, and paste paints, etc. 242,297, renewed May 22, 1948. O. G. Sept. 28. Class 16.
Lentheric Incorporated, New York, N. Y. Perfumes, toilet water, face powder, and talcum powder. 249,644, renewed Nov. 20, 1948. O. G. Sept. 28. Class 6.
Lenzner, Alconon, doing business as Lenzner Co., Pittsburgh, Pa. Washing and cleaning powder. 440,794, Sept. 28; Serial No. 511,628, published July 6, 1948. Class 4.
Lenzner Co.: *See*—
Lenzner, Alconon.
Les Parfums Norante, Societe a Responsibilite Limitee, Melun, France. Perfuumes, toilet waters, rouge, lipstick, etc. 502,467, Sept. 28; Serial No. 528,493, published June 15, 1948. Class 6.
Lewis, Florence N., doing business as Elizabeth Arden, to Elizabeth Arden Sales Corporation, New York, N. Y. Perfumes and toilet waters. 244,645, renewed July 24, 1948. O. G. Sept. 28. Class 6.
Liebovitz, S., & Sons, Inc., to Publix Shirt Corporation, New York, N. Y. Negligee and dress shirts, blouses, pajamas. 249,039, renewed Nov. 6, 1948. O. G. Sept. 28. Class 39.
Light Grain & Milling Co., The, Liberal, Kans. Wheat flour and self-rising fluor. 262,612, Oct. 15, 1929. Republished Sept. 28. Class 46.
Light Grain & Milling Co., The, Liberal, Kans. Wheat flour. 265,117, Dec. 17, 1929. Republished Sept. 28. Class 46.
Light Grain & Milling Co., The, Liberal, Kans. Wheat flour. 275,125, Sept. 16, 1930. Republished Sept. 28. Class 46.
Light Grain & Milling Co., The, Liberal, Kans. Wheat flour. 281,449, Mar. 17, 1931. Republished Sept. 28. Class 46.
Light Grain & Milling Co., The, Liberal, Kans. Self-rising pancake flour. 301,337, Feb. 28, 1933. Republished Sept. 28. Class 46.
Linde Air Products Company, The, New York, N. Y. Oxygen therapy regulators. 440,772, Sept. 28; Serial No. 500,231, published July 6, 1948. Class 44.
Littell, Richard R., doing business as Safe-Way Laboratories, Dayton, Ohio. Insecticides. 502,595, Sept. 28; Serial No. 534,161. Class 6.
Liquid Plant Food Company, Monrovia, Calif. Liquid plant food fertilizer. 502,483, Sept. 28; Serial No. 530,325, published June 29, 1948. Class 10.
Lockwedge Shoe Corporation of America: *See*—
Perth Shoe Company Limited.
Loomskill Fabrics, Inc., New York, N. Y. Piece goods of rayon, cotton, wool, etc. 502,592, Sept. 28; Serial No. 522,050. Class 42.
Lord-Mott Co.: *See*—
Roberts, Roy E.
Lord-Mott Company, Inc.: *See*—
Boyer, Mary J.
Kensett, Thomas, & Co.
Roberts, Roy E.
Lord-Mott Company, Inc., Baltimore, Md. Canned vegetables, canned Irish potatoes, canned hominy, etc. 397,236, Aug. 25, 1942. Republished Sept. 28. Class 46.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Wool and woolen fabrics in the piece. 502,452, Sept. 28; Serial No. 520,953, published June 15, 1948. Class 42.
Lovell-McConnel Manufacturing Company, The, Newark, N. J., to General Motors Corporation, Detroit, Mich. Signal horns or alarms. 69,913, re-renewed July 14, 1948. O. G. Sept. 28. Class 23.
Lowell and Grayson Manufacturing Company, Monrovia, Calif. Thermostatically controlled gas valves, etc. 432,481, Sept. 2, 1947. Republished Sept. 28. Class 26.
Lufkin Rule Company, The, Saginaw, Mich. Tape measures. 502,487–90, Sept. 28; Serial Nos. 530,655–8, published June 15, 1948. Class 26.

Lufkin Rule Company, The, Saginaw, Mich. Tape measures. 502,491, Sept. 28; Serial No. 530,660, published June 15, 1948. Class 26.

Lüscher & Bömper A.-G., Fahr, Germany, to P. Beiersdorf & Co. Inc., Stamford, Conn. Plaster bandages. 250,633, renewed Dec. 11, 1948. O. G. Sept. 28. Class 44.

Lyon, Rene D., New York, N. Y. Firecrackers. 502,533, Sept. 28; Serial No. 535,247, published June 8, 1948. Class 9.

MacAndrewes & Forbes Company, Camden, N. J. Licorice product. 502,535, Sept. 28; Serial No. 535,423, published June 29, 1948. Class 6.

Mack Manufacturing Corporation: *See*—
International Motor Company.

Macmillan Petroleum Corporation: *See*—
Macmillan Petroleum Products Company.

Macmillan Petroleum Products Company, to Macmillan Petroleum Corporation, Los Angeles, Calif. Kerosene, gasoline, naphtha, etc. 249,592, renewed Nov. 20, 1948. O. G. Sept. 28. Class 15.

MacVeagh, Franklin and Company, Chicago, Ill. Canned vegetables, canned fruits, evaporated fruits, etc. 91,001, Apr. 8, 1913. Republished Sept. 28. Class 46.

Magna Manufacturing Co., Inc., Haskell, N. J., and New York, N. Y. Metal powders, and metal powders in paste form. 502,503, Sept. 28; Serial No. 531,816, published June 29, 1948. Class 14.

Magnetic Polish Company, Inc., St. Louis, Mo. Metal polish. 232,230, Sept. 6, 1927. Republished Sept. 28. Class 4.

Magnolia Metal Company, Elizabeth, N. J. Babbitt metal. 502,447, Sept. 28; Serial No. 514,123, published June 8, 1948. Class 14.

Mahady, E. F., Company, Boston, Mass. Medical and surgical instruments, apparatus, and parts thereof. 247,283, Sept. 25, 1928. Republished Sept. 28. Class 44.

Malibu Fabrics, Inc., New York, N. Y. Nylon fabrics. 440,793, Sept. 28; Serial No. 511,345, published Oct. 14, 1947. Class 42.

Malleable Steel Range Mfg. Co., The, South Bend, Ind., by J. W. Fiske Iron Works, New York, N. Y. Rubbish incinerator. 288,055, Oct. 20, 1931. Republished Sept. 28. Class 34.

Marcus Brothers Textile Corp., New York, N. Y. Cotton, rayon, silk, wool, and nylon piece goods and blended combinations thereof. 502,562, Sept. 28; Serial No. 539,724, published June 22, 1948. Class 42.

Marlboro Shirt Co., Inc., Baltimore, Md. Men's and boys' dress, work, and sport shirts, T and sweat shirts, undershirts and shorts, etc. 440,768, Sept. 28; Serial No. 498,910, published June 1, 1948. Class 39.

Marlin Firearms Company, The, New Haven, Conn. Safety razor blades. 345,427, Apr. 27, 1937. Republished Sept. 28. Class 23.

Marshall Field & Company, Chicago, Ill. Cotton bedspread basecloth. 502,478, Sept. 28; Serial No. 529,904, published June 29, 1948. Class 42.

Marshall Field & Company, Chicago, Ill. Rugs. 502,482, Sept. 28; Serial No. 530,301, published June 22, 1948. Class 42.

Marvin, Walter, doing business as Templar Oil Products Co., to Templar Oil Products Co., Incorporated, Brooklyn, N. Y. Adhesive cements. 244,751, renewed July 24, 1948. O. G. Sept. 28. Class 5.

Mason Paint Co., Inc., Louisville, Ky. Paints. 423,278, Aug. 27, 1946. Republished Sept. 28. Class 16.

Mastercraft Foundations: *See*—
Mastercraft Specialties, Inc.

Mastercraft Specialties, Inc., by Mastercraft Foundations, New York, N. Y. Corsets. 352,025, Nov. 16, 1937. Republished Sept. 28. Class 39.

Maxcy, L., Inc.: *See*—
Florida Fruit Canners, Inc.
Sherman, H. L.

West Florida Preserving Company, Inc.

May & Malone, Incorporated, Chicago, Ill., by The Richter & Phillips Company, Cincinnati, Ohio. Wardrobe trunks, hand trunks, and automobile trunks. 284,261, June 23, 1931. Republished Sept. 28. Class 3.

Mayo Reese Inc., Chicago, Ill. Cologne, perfumes, bath crystals, etc. 440,773, Sept. 28; Serial No. 503,390, published June 29, 1948. Class 6.

McGreevey, Werring & Howell, Inc., New York, N. Y. Ladies' knitted underwear, shoes, hosiery, etc. 245,368, renewed Aug. 14, 1948. O. G. Sept. 28. Class 39.

McKay Company, The, Pittsburgh, Pa. Welding electrodes of the rod or wire type. 440,770, Sept. 28; Serial No. 499,422, published June 29, 1948. Class 14.

Mead Johnson & Company, Evansville, Ind. Activated ergosterol. 244,145, renewed July 10, 1948. O. G. Sept. 28. Class 6.

Mead Johnson & Company, Evansville, Ind. Specially prepared cereal food. 502,584, Sept. 28; Serial No. 541,758, published June 29, 1948. Class 46.

Meadows, Pearce L., doing business as Elroy Naval Stores Co., by El Roy Naval Stores Co., Inc., Vidalia, Ga. Paint thinner. 416,943, Oct. 9, 1945. Republished Sept. 28. Class 16.

Melhado, Edmund & Co., Inc., to Schieffelin & Co., New York, N. Y. Rum and other spirituous liquors. 311,775–7, Apr. 3, 1934. New certificate. O. G. Sept. 28. Class 49.

Melhado, Edmund & Co., Inc., to Schieffelin & Co., New York, N. Y. Rum and other spirituous liquors. 314,130, June 19, 1934. New certificate. O. G. Sept. 28. Class 49.

Mente & Co., Inc., New Orleans, La. Textile bagging material in the piece. 287,015, Sept. 8, 1931. Republished Sept. 28. Class 42.

Metropolis Bending Company: *See*—
Fort Massac Chair Company, The.

Micro-Poise Engineering and Sales Company: *See*—
Lannen, Josep P.

Middlesex Products Company: *See*—
Reversible Collar Company.

Middlesex Products Corporation: *See*—
Reversible Collar Company.

Mid-States Shoe Company: *See*—
Ideal Shoe Mfg. Co.

Midwest Dental Manufacturing Co.: *See*—
Staunt, Martin.

Miller Brewing Company: *See*—
Miller High Life Company.

Miller Brewing Company, Milwaukee, Wis. Beer. 362,399, Nov. 15, 1938. Republished Sept. 28. Class 48.

Miller High Life Company, by Miller Brewing Company, Milwaukee, Wis. Beer. 305,854–5, Aug. 2, 1933. Republished Sept. 28. Class 48.

Miller High Life Company, by Miller Brewing Company, Milwaukee, Wis. Beer. 305,870–1, Aug. 29, 1933. Republished Sept. 28. Class 48.

Miller & Holmes, Inc., St. Paul, Minn. Gasoline. 385,302, Feb. 25, 1941. Republished Sept. 28. Class 15.

Miller, I., & Sons, Inc., Long Island City, N. Y. Canes, parasols, and umbrellas. 249,658, renewed Nov. 20, 1948. O. G. Sept. 28. Class 41.

Miller, I., & Sons, Inc., Long Island City, N. Y. Compact powders and compact rouges, lip sticks, eyebrow pencils, etc. 250,663, renewed Dec. 11, 1948. O. G. Sept. 28. Class 6.

Miner-Hilliard Milling Co., Wilkes-Barre, Pa. Cereal product used in foundries as an adhesive. 502,536, Sept. 28; Serial No. 535,580, published June 8, 1948. Class 5.

Minnesota Macaroni Company, St. Paul, Minn. Macaroni food products and egg noodles. 352,567, Dec. 7, 1937. Republished Sept. 28. Class 46.

Minnesota Valley Canning Company: *See*—
Central Wisconsin Canneries.

Miron Mills, Inc., Clinton, Mass. Woolen and worsted fabrics. 502,558, Sept. 28; Serial No. 539,425, published July 6, 1948. Class 42.

Mock, Judson, Voehringer Co., Inc., by Mojud Hosiery Co. Inc., Long Island City, N. Y. Hosiery. 271,418, June 3, 1930. Republished Sept. 28. Class 39.

Mock, Judson, Voehringer Co., Inc., by Mojud Hosiery Co., Inc., Long Island City, N. Y. Hosiery. 305,698, Aug. 22, 1933. Republished Sept. 28. Class 39.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. 440,754, Sept. 28; Serial No. 467,614, published June 22, 1948. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. 440,755, Sept. 28; Serial No. 471,355, published June 22, 1948. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. 440,809, Sept. 28; Serial No. 520,174, published June 22, 1948. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. 502,445, Sept. 28; Serial No. 507,410, published June 8, 1948. Class 1.

Moreno Textiles Inc., New York, N. Y. Cotton, rayon, and linen piece goods. 440,781, Sept. 28; Serial No. 506,542, published July 6, 1948. Class 42.

Morris Press, doing business as Press Dress & Uniform Co., by Press Dress & Uniform Co., Hummelstown, Pa. Uniforms. 383,021, Dec. 17, 1940. Republished Sept. 28. Class 39.

Mossberg, O. F., & Sons, Inc., New Haven, Conn. Firearms. 440,820, Sept. 28; Serial No. 523,068, published June 1, 1948. Class 9.

Mouakad Bros. Inc., New York, N. Y. Silk, wool, cotton, and rayon piece-goods. 369,239, July 18, 1939. Republished Sept. 28. Class 42.

Mouakad Bros., Inc., New York, N. Y. Silk, wool, cotton, and rayon piece-goods. 373,034, Nov. 21, 1939. Republished Sept. 28. Class 42.

Mouakad Bros. Inc., New York, N. Y. Silk, wool, cotton, and rayon piece-goods. 382,119, Oct. 15, 1930. Republished Sept. 28. Class 42.

Mouakad Bros., Inc., New York, N. Y. Silk, wool, cotton, and rayon piece-goods. 403,969, Oct. 26, 1943. Republished Sept. 28. Class 42.

Mountles, Inc., Boston, Mass. Photographic corner mountings. 410,371, Nov. 21, 1944. Republished Sept. 28. Class 37.

Nachman, L., & Sons, by L. Nachman & Son, Inc., Philadelphia, Pa. Women's and misses' textile aprons. 407,802, June 27, 1944. Republished Sept. 28. Class 39.

Nachman, L., & Son, Inc.: *See*—
Nachman, L., & Sons.

Nash, C. A., & Son, Inc., Norfolk, Va. Paints and paint enamels. 392,220, Dec. 16, 1941. Republished Sept. 28. Class 16.

Natamsa Publishing Company, Inc., by Natamsa Publishing Company, Inc., New York, N. Y., assignor to Group Publishers, Inc. Monthly publication. 232,434, Sept. 6, 1927. Republished Sept. 28. Class 38.

National Aluminate Corporation, Chicago, Ill. Chemicals employed in the treatment of water. 342,307, Jan. 12, 1937. Republished Sept. 28. Class 6.

National Aluminate Corporation, Chicago, Ill. Chemical compositions. 395,917–18, June 16, 1942. Republished Sept. 28. Class 6.

National Battery Company: *See*—
Vesta Accumulator Company.

National Hosiery Mills, Inc.: *See*—
National Silk Hosiery Mills, Inc.

National Lock Co., Rockford, Ill. Angle irons, bed rail clips, bedrail fasteners, etc. 419,976, Mar. 19, 1946. Republished Sept. 28. Class 13.

National Package Drugs, Inc., St. Louis, Mo. Hot water bottles. 502,551, Sept. 28; Serial No. 537,221, published July 6, 1948. Class 44.

National Silk Hosiery Mills, Inc., by National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 379,447, July 9, 1940. Republished Sept. 28. Class 39.

National Supply Company, The, Toledo, Ohio, by The National Supply Company, Pittsburgh, Pa. Metal balls. 136,878, Nov. 9, 1920. Republished Sept. 28. Class 14.

Native Laces & Textiles, Incorporated, New York, N. Y. Laces. 440,813, Sept. 28; Serial No. 520,885, published Nov. 11, 1947. Class 42.

Naumkeag Steam Cotton Company, Salem, Mass. Sheeting, sheets, and pillow cases. 440,761, Sept. 28; Serial No. 490,762, published June 22, 1948. Class 42.

Nealon, Daniel F., doing business as Nealon Soap Company, Paris, Tenn. Soap. 502,588, Sept. 28; Serial No. 547,142, published July 6, 1948. Class 4.

Nealon Soap Company: *See*—
Nealon, Daniel F.

Nelson, William, Monrovia, to J. K. Hall, Los Angeles, Calif. Preparation for treatment to relieve excessive perspiration. 243,214, renewed June 12, 1948. O. G. Sept. 28. Class 6.

Neumann, Morton G., doing business as Valmor Products Co., by Valmor Products Co., Chicago, Ill. Vegetable compound tonic. 331,113, Dec. 31, 1935. Republished Sept. 28. Class 6.

Neumode Hosiery Co., Chicago, Ill. Hosiery. 313,618–19, June 5, 1934. Republished Sept. 28. Class 39.

Neumode Hosiery Co., Chicago, Ill. Hosiery. 315,271, July 24, 1934. Republished Sept. 28. Class 39.

New England Fish Company, Seattle, Wash. Canned salmon. 244,574, renewed July 24, 1948. O. G. Sept. 28. Class 46.

New Haven Vibrator Company: *See*—
New Haven Vibrator Company, Inc., The.

New Haven Vibrator Company, Inc., The, by New Haven Vibrator Company, New Haven, Conn. Pneumatic tools. 333,894, Apr. 14, 1936. Republished Sept. 28. Class 23.

Norge Corporation, Detroit, Mich., by Borg-Warner Corporation, Chicago Ill. Electric refrigerators and parts thereof. 274,963, Sept. 9, 1930. Republished Sept. 28. Class 31.

Norm Manufacturing Co.: *See*—
Thurston, Walter R.

North American Dye Corporation, Mount Vernon, N. Y. Dyes, bluing, and a preparation for removing colors from all fabrics and stains from white goods. 502,439, Sept. 28; Serial No. 489,674, published June 22, 1948. Class 6.

North & Judd Manufacturing Company, New Britain, Conn., to Talon, Inc., Meadville, Pa. Slider-controlled fasteners. 245,274, renewed Aug. 7, 1948. O. G. Sept. 28. Class 13.

Northland Canning Company, Cokato, Minn. Canned corn. 269,401, Apr. 8, 1930. Republished Sept. 28. Class 46.

Northland Canning Co., Cokato, Minn. Canned corn. 340,920, Nov. 24, 1936. Republished Sept. 28. Class 46.

Northville Laboratories, Inc., Northville, Mich. Flavoring extract. 341,211, Dec. 1, 1936. Republished Sept. 28. Class 46.

Nova Chemical Corporation, New York, N. Y. Dyestuffs and pigment colors. 428,688, Apr. 1, 1947. Republished Sept. 28. Class 6.

Nova Chemical Corporation, New York, N. Y. Dyestuffs and pigment colors. 429,470, Apr. 29, 1947. Republished Sept. 28. Class 6.

Occy-Crystine Corporation, The: *See*—
Occy-Crystine Corporation.

Occy-Crystine Corporation, New York, N. Y., to The Occy-Crystine Corporation, Salisbury, Conn., and New York, N. Y. Proprietary medicine and a saline cathartic. 248,095, renewed Oct. 16, 1948. O. G. Sept. 28. Class 6.

O-Cel-O, Inc., Buffalo, N. Y. Cellulose sponges. 440,807, Sept. 28; Serial No. 519,689, published June 22, 1948. Class 1.

Oglesby, David E., doing business as Oglesby Wholesale Co., Kinston, N. C. Liniment. 502,597, Sept. 28; Serial No. 541,170. Class 6.

Oglesby Wholesale Co.: *See*—
Oglesby, David E.

Ohio Oil Company, The, Findlay, Ohio. High softening point bituminous material. 502,529, Sept. 28; Serial No. 534,805, published June 22, 1948. Class 12.

Oldham's Iodothine Co., Urbana, Ill. Preparation for the treatment of bowed tendons, cracked heels, etc. 440,792, Sept. 28; Serial No. 509,441, published June 29, 1948. Class 6.

Old Mac Coal Co., Kansas City, Mo. Coal. 440,785, Sept. 28; Serial No. 508,741, published June 22, 1948. Class 1.

Olin Industries, Inc., East Alton, Ill. Smokeless powder. 502,462, Sept. 28; Serial No. 527,639, published June 8, 1948. Class 9.

Orange Cooperative Citrus Association: *See*—
Orange Mutual Citrus Association.

Orange Mutual Citrus Association, to Orange Cooperative Citrus Association, Orange, Calif. Fresh citrus fruits. 248,488, renewed Oct. 23, 1938. O. G. Sept. 28. Class 46.

Oregon Bulb Farms, Sandy, Oreg. Flower bulbs. 440,827, Sept. 28; Serial No. 525,027, published June 15, 1948. Class 1.

Oriental Rug Cushion Co., Inc., Los Angeles, Calif. Textured carpeting. 502,577, Sept. 28; Serial No. 540,860, published July 6, 1948. Class 42.

Oster Manufacturing Company, The, Cleveland, Ohio. Thread cutting tools, machines, and devices. 70,024, July 21, 1908. Republished Sept. 28. Class 23.

Oxygen Equipment & Service Co., Chicago, Ill. Oxygen therapy equipment and accessories including parts thereof. 502,563, Sept. 28; Serial No. 539,896, published July 6, 1948. Class 44.

Ozomulsion Company, The, New York, N. Y. Medicinal preparation. 502,589, Sept. 28; Serial No. 547,273, published June 29, 1948. Class 6.

Palmolive Peet Company, The, Chicago, Ill., now by change of name Colgate-Palmolive-Peet Company, to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap. 251,214, renewed Jan. 1, 1949. O. G. Sept. 28. Class 4.

Paramine Companies, Inc., The: *See*—
Schumacher Wall Board Corporation.

Paragon Company, The, to Publix Shirt Corporation, New York, N. Y. Nightshirts, pajamas, and smoking-jackets. 71,834, re-renewed Dec. 15, 1938. O. G. Sept. 28. Class 39.

Paramount Textile Machinery Co., Chicago, Ill. Garment drying forms. 358,263, July 5, 1938. Republished Sept. 28. Class 24.

Paramount Textile Machinery Co., Chicago, Ill. Apparatus for boarding, blocking, or setting the shape of articles. 378,112, May 28, 1940. Republished Sept. 28. Class 23.

Paret, Gabriel, Caen, France. Fabrics and ribbons, draperies, blankets, etc. 440,778, Sept. 28; Serial No. 505,641, published June 29, 1948. Class 42.

Parfum l'Orle, Inc., New York, N. Y. Perfumes and toilet waters. 440,804, Sept. 28; Serial No. 518,030, published July 6, 1948. Class 6.

Parfumerie Houbigant, Paris, France, by Houbigant, Inc., New York, N. Y. Toilet soaps. 139,598, Feb. 8, 1921. Republished Sept. 28. Class 4.

Parfumerie Houbigant, Paris, France, by Houbigant, Inc., New York, N. Y. Perfumes, toilet waters, sachet, etc. 141,389–92, Apr. 19, 1921. Republished Sept. 28. Class 6.

Park Chemical Company, Detroit, Mich. Shock absorber oil, shock absorber fluid, compound for repairing radiator leaks, etc. 440,766, Sept. 28; Serial No. 496,654, published Dec. 2, 1947. Class 6.

Parks, T. M.: *See*—
Dinjian, Geo. L.

Parrott & Co., San Francisco, Calif. Canned crab meat. 79,930, Oct. 18, 1910. Republished Sept. 28. Class 46.

Parrott & Co., San Francisco, Calif. Canned sardines. 282,327, Apr. 21, 1931. Republished Sept. 28. Class 46.

Pearson Pharmacal Company, Inc.: *See*—
Fesler, Geo. C. V., Company.

Penney, J. C., Company: *See*—
Robinson & Golluber.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y., to J. C. Penney Company, New York, N. Y. Women's sanitary napkins. 241,791, renewed May 8, 1948. O. G. Sept. 28. Class 44.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y., to J. C. Penney Company, New York, N. Y. Silver polish. 242,178, renewed May 15, 1948. O. G. Sept. 28. Class 4.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y., to J. C. Penney Company, New York, N. Y. Ironing-board covers and pads. 245,668, renewed Aug. 21, 1948. O. G. Sept. 28. Class 24.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y., to J. C. Penney Company, New York, N. Y. Bias tape (all kinds), camisole tape, collar bands, etc. 245,918, renewed Aug. 28, 1948. O. G. Sept. 28. Class 40.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y., to J. C. Penney Company, New York, N. Y. Bias tape, camisole tape, collar bands, etc. 246,024, renewed Aug. 28, 1948. O. G. Sept. 28. Class 40.

Perfect Circle Corporation, Hagerstown, Ind. Piston rings and oil sealing rings. 502,546, Sept. 28; Serial No. 536,442, published June 15, 1948. Class 35.

Perfect Circle Corporation, Hagerstown, Ind. Piston rings. 502,555–6, Sept. 28; Serial Nos. 537,613–14, published June 15, 1948. Class 35.

Permutit Company, The: *See*—
Ward-Love Pump Corporation.

Perth Shoe Company Limited, Perth, Ontario, Canada, by The Julian and Kokenge Company, Columbus, Ohio. Boots, shoes, slippers, etc. 301,752, Mar. 14, 1933. Republished Sept. 28. Class 39.

Perth Shoe Company Limited, Perth, Ontario, Canada, by Lockwedge Shoe Corporation of America, Columbus, Ohio. Boots, shoes, slippers, and sandals, etc. 308,909, Dec. 26, 1933. Republished Sept. 28. Class 39.

Pfister & Vogel Tanning Co., Milwaukee, Wis. Leather. 502,531, Sept. 28; Serial No. 534,921, published June 15, 1948. Class 1.

Phillips Petroleum Company, Bartlesville, Okla. Insect repellent. 440,790, Sept. 28; Serial No. 509,367, published June 29, 1948. Class 6.

Phoenix Closet Accessories, Inc., New York, N. Y. Garment bags, laundry bags, and shoe bags. 395,108, May 12, 1942. Republished Sept. 28. Class 2.

Pierce's Proprietaries, Inc., Buffalo, N. Y. Nasal douche powder. 502,537, Sept. 28; Serial No. 535,618, published June 15, 1948. Class 6.

Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 276,013, Oct. 7, 1930. Republished Sept. 28. Class 46.

Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 329,355, Oct. 29, 1935. Republished Sept. 28. Class 46.

Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.
Pillsbury-Washburn Flour Mills Company, Ltd.

Pillsbury-Washburn Flour Mills Company, Ltd., by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 47,236, Oct. 31, 1905. Republished Sept. 28. Class 46.

Pioneer Rubber Mills, San Francisco, Calif. Air hose, fire hose, exhaust hose, etc. 440,779, Sept. 28; Serial No. 506,197, published Nov. 11, 1947. Class 35.

Pittsburg & Midway Coal Mining Co., The, Kansas City, Mo. Coal. 440,830, Sept. 28; Serial No. 525,946, published June 15, 1948. Class 1.

Plastic Engineering Corporation, Boston, Mass., assignor to The Flintkote Company, New York, N. Y. Resinous primer and finish coating for floors. 440,821, Sept. 28; Serial No. 523,205, published May 25, 1948. Class 16.

Popular Science Publishing Co., Inc., New York, N. Y. Magazines. 367,611, May 23, 1939. Amended. O. G. Sept. 28. Class 38.

Porst Brothers, assignor to Porst Bros. Mfg. Co., by Porst Bros. Mfg. Co., Chicago, Ill. Collet chucks. 427,561, Feb. 11, 1947. Republished Sept. 28. Class 23.

Porst Bros. Mfg. Co.: *See*—
Porst Brothers.

Porter, J. E., Corporation: *See*—
Conco Engineering Works.
Conkey, H. D., & Company.

Prescott, J. L., Company: *See*—
Prescott, J. L., & Co.

Prescott, J. L., & Co., New York, N. Y., to J. L. Prescott Company, Passaic, N. J. Polish. 31,982, re-renewed Sept. 20, 1948. O. G. Sept. 28. Class 4.

Press Dress & Uniform Co.: *See*—
Morris Press.

Pressed Prism Plate Glass Company, Morgantown, W. Va. Glass. 282,997, May 12, 1931. Republished Sept. 28. Class 33.

Pritchard, E., Inc.: *See*—
Greenabaum Bros., Inc.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 502,587, Sept. 28; Serial No. 545,037, published July 6, 1948. Class 4.

Professional Pharmacal Company, Inc., San Antonio, Tex. Brand of natural amino acids. 440,780, Sept. 28; Serial No. 506,264, published June 8, 1948. Class 6.

Publix Shirt Corporation: *See*—
Lieboritz, S., & Sons, Inc.
Paragon Company, The.

Puritan Laboratories, Inc., Des Moines, Iowa. Veterinary preparation. 440,775, Sept. 28; Serial No. 504,211, published June 29, 1948. Class 6.

Quaker Maid Mills, Inc., Philadelphia, Pa. Knitted rugs. 502,565, Sept. 28; Serial No. 540,316, published July 6, 1948. Class 42.

Rappahannock Cooperative Fruit Growers, Inc., Sperryville, Va. Fresh fruit. 350,288, Sept. 21, 1937. Republished Sept. 28. Class 46.

Ratcliffe, Thomas, & Company, Limited, Mytholmroyd, England. Woolen blankets not in the piece. 341,619, Dec. 13, 1936. Republished Sept. 28. Class 42.

Raybestos-Manhattan, Inc., Passaic, N. J. Conveyor belting. 502,514, Sept. 28; Serial No. 533,378, published July 6, 1948. Class 35.

Raybestos-Manhattan, Inc., Passaic, N. J. Belting, packing and hose. 502,515, Sept. 28; Serial No. 533,381, published June 22, 1948. Class 35.

Reed & Carnrick, Jersey City, N. J. Medicinal preparations. 262,414, Oct. 8, 1929. Republished Sept. 28. Class 6.

Reliance Gauge Column Company, The, Cleveland, Ohio. Liquid level gauges and indicators, parts and fittings thereof. 502,476, Sept. 28; Serial No. 529,695, published June 8, 1948. Class 26.

Reversible Collar Company, Boston, by Middlesex Products Corporation, doing business as Reversible Collar Company, Cambridge, Mass. Collars, cuffs, and shirt-bosoms. 128,161, Dec. 23, 1919. Republished Sept. 28. Class 39.

Reversible Collar Company, Boston, by Middlesex Products Corporation, doing business as Reversible Collar Company, Cambridge, Mass. Collars, cuffs, and bosoms. 204,861, Oct. 27, 1925. Republished Sept. 28. Class 39.

Reversible Collar Company, doing business as Middlesex Products Company, by Middlesex Products Corporation, Cambridge, Mass. Coated paper with glazed, plaited, or embossed finish, etc. 312,160, Apr. 17, 1934. Republished Sept. 28. Class 37.

Rhoads, J. E., & Sons, Philadelphia, Pa. Leather belting and leather packing. 56,567, Oct. 9, 1906. Republished Sept. 28. Class 35.

Rhoads, J. E., & Sons, Philadelphia, Pa. Flat leather belting. 86,332, Apr. 30, 1912. Republished Sept. 28. Class 35.

Rhoads, J. E., & Sons, Philadelphia, Pa. Flat leather belting. 136,909, Nov. 9, 1920. Republished Sept. 28. Class 35.

Rhoads, J. E., & Sons, Philadelphia, Pa. Flat leather belting. 142,727, May 17, 1921. Republished Sept. 28. Class 35.

Rhoads, J. E., & Sons, Philadelphia, Pa. Leather belting. 145,187, July 26, 1921. Republished Sept. 28. Class 35.

Rhoads, J. E., & Sons, Philadelphia, Pa. Moccasin laces and shoe strings. 227,420, May 3, 1927. Republished Sept. 28. Class 40.

Rhoads, J. E., & Sons, Philadelphia, Pa. Flat belt leather and hydraulic leather. 227,552, May 10, 1927. Republished Sept. 28. Class 1.

Rhoads, J. E., & Sons, Philadelphia, Pa. Lug straps, loom straps, harness straps, etc. 227,553, May 10, 1927. Republished Sept. 28. Class 23.

Rhoads, J. E., & Sons, Philadelphia, Pa. Whole soles, half soles, and hand leathers. 227,554, May 10, 1927. Republished Sept. 28. Class 39.

Rhoads, J. E., & Sons, Philadelphia, Pa. Woven fabric belts. 230,737, Aug. 2, 1927. Republished Sept. 28. Class 35.

Rhoads, J. E., & Sons, Philadelphia, Pa. Leather belting. 252,893, Feb. 19, 1929. Republished Sept. 28. Class 35.

Richardson, Thos. D., Company, Philadelphia, Pa. Candy. 238,535, Feb. 7, 1928. Republished Sept. 28. Class 46.

Richter & Phillips Company, The: *See*—
May & Malone, Incorporated.

Riquès, E. De, & Cie., Lyons and Paris, to Societe Anonyme De Riquès, Saint Ouen (Seine), France. Mint-alcohol. 21,900, re-renewed Nov. 1, 1942. O. G. Sept. 28. Class 6.

Riegel Paper Corporation: *See*—
Warren Manufacturing Company, The.

Ritter Company, Inc.: *See*—
Ritter Dental Manufacturing Company, Inc.

Ritter Dental Manufacturing Company, Inc., to Ritter Company, Inc., Rochester, N. Y. Dental appliance assemblies sold as units. 250,015–16, renewed Nov. 27, 1948. O. G. Sept. 28. Class 44.

Roanoke Mills Company, Roanoke Rapids, N. C. Woven cotton fabrics. 244,074, renewed July 10, 1948. O. G. Sept. 28. Class 42.

Robern Shoe Manufacturing Corporation: *See*—
Hanes Hosiery Mills Company.

Roberts, Roy E., doing business as Lord-Mott Co., by Lord-Mott Company, Inc., Baltimore, Md. Canned fruit and vegetables. 188,102, Aug. 19, 1924. Republished Sept. 28. Class 46.

Robinson & Golluber, to J. C. Penney Company, New York, N. Y. Piece goods of cotton, rayon, and alpaca. 244,854, renewed July 31, 1948. O. G. Sept. 28. Class 42.

Robinson Milling Company, The, Salina, Kans. Wheat flour. 502,449, Sept. 28; Serial No. 516,920, published June 29, 1948. Class 46.

Roth, Otto, & Co. Inc., New York, N. Y. Dried sausage. 249,662–4, renewed Nov. 20, 1948. O. G. Sept. 28. Class 46.

Roth, Raub & Heckel, Inc.: *See*—
Consolidated Shoe Corporation.

Royce Chemical Company, Carlton Hill, N. J. Sulphonated olive oil. 292,820, Mar. 29, 1932. Republished Sept. 28. Class 6.

Royce Chemical Company, Carlton Hill, N. J. Sulphonated castor oil. 292,822, Mar. 29, 1932. Republished Sept. 28. Class 6.

Royce Chemical Company, Carlton Hill, N. J. Hydrosulphite. 294,610, June 7, 1932. Republished Sept. 28. Class 6.

Royce Chemical Company, Carlton Hill, N. J. Gums suitable for the printing of textile fabrics. 334,938, May 19, 1936. Republished Sept. 28. Class 6.

Royce Chemical Company, Carlton Hill, N. J. Chemicals adapted for the dyeing, bleaching, finishing, and treatment of textile fibers. 340,177, Nov. 3, 1936. Republished Sept. 28. Class 6.

Royce Chemical Company, Carlton Hill, N. J. General cleaning and scouring compound. 340,954, Nov. 24, 1936. Republished Sept. 28. Class 4.

Royce Chemical Company, Carlton Hill, N. J. Chemicals adapted for discharging dyeings. 355,202, Mar. 8, 1938. Republished Sept. 28. Class 6.

Rueping, Fred, Leather Company, Fond Du Lac, Wis. Leather. 502,543, Sept. 28; Serial No. 535,997, published June 22, 1948. Class 1.

Rutland Fire Clay Co., Rutland, Vt. Plastic stove lining. 152,978, Mar. 7, 1922. Republished Sept. 28. Class 12.

Rutland Fire Clay Co., Rutland, Vt. Water glass egg preserver. 155,813, June 6, 1922. Republished Sept. 28. Class 6.

Rutland Fire Clay Co., Rutland, Vt. Stovepipe paint enamel, asphalt roof paint, etc. 159,079, Sept. 19, 1922. Republished Sept. 28. Class 16.

Rutland Fire Clay Co., Rutland, Vt. Patching plaster for walls. 159,754, Oct. 3, 1922. Republished Sept. 28. Class 12.

Rutland Fire Clay Co., Rutland, Vt. Asbestos furnace cement; iron cement, etc. 160,651, Oct. 24, 1922. Republished Sept. 28. Class 12.

Rutland Fire Clay Co., Rutland, Vt. Water glass egg preserver. 161,831, Nov. 21, 1922. Republished Sept. 28. Class 6.

Rutland Fire Clay Co., Rutland, Vt. Asbestos furnace cement, iron cement, etc. 163,759, Jan. 23, 1923. Republished Sept. 28. Class 12.

Rutland Fire Clay Company, Rutland, Vt. Patching plaster for walls. 324,155–6, May 14, 1935. Republished Sept. 28. Class 12.

Safe-Way Laboratories: *See*—
Littell, Richard R.

Salz, A. K., Company, Santa Cruz, Calif. Hides and leather. 502,444, Sept. 28; Serial No. 506,839, published June 15, 1948. Class 1.

San-Nap-Pak Manufacturing Company, Inc., New York, N. Y. Cold cream remover made in the form of paper napkins. 267,038, Feb. 11, 1930. Republished Sept. 28. Class 37.

Schepp, Wm. J., Co., East Paterson, N. J. Medicinal or pharmaceutical preparation. 440,763, Sept. 28; Serial No. 491,932, published Apr. 30, 1946. Class 6.

Schieffelin & Co.: *See*—
Destilleria Serralles, Inc.
Melhado, Edmund, & Co., Inc.

Schreiber, A. H., Co., by A. H. Schreiber Co., Inc., New York, N. Y. Ladies' panties. 400,898, Apr. 6, 1943. Republished Sept. 28. Class 39.

Schreiber, A. H., Co., Inc.: *See*—
Schreiber, A. H., Co.

Schumacher Wall Board Corporation, Los Angeles, to The Paraffine Companies, Inc., San Francisco, Calif. Construction material. 248,241, renewed Oct. 16, 1948. O. G. Sept. 28. Class 12.

Scovill Manufacturing Company, Waterbury, Conn. Common and safety pins. 247,365, renewed Sept. 25, 1948. O. G. Sept. 28. Class 40.

Sears, Roebuck and Co., Chicago, Ill. Vitamin capsules. 440,831, Sept. 28; Serial No. 492,965, published July 22, 1948. Class 6.

Seidlitz Paint & Varnish Co., Kansas City, Mo. Liquid wax, grease, and polish remover. 502,596, Sept. 28; Serial No. 536,162. Class 4.

Sellers, William, & Company, Incorporated, Philadelphia, Pa., by Consolidated Machine Tool Corporation, Rochester, N. Y. Planers for metal working apparatus. 386,827, Apr. 22, 1941. Republished Sept. 28. Class 23.

Semon Bache & Company, New York, N. Y. Sheet and picture glass. 429,166, Apr. 22, 1947. Republished Sept. 28. Class 33.

Sensenbrenner, A., Sons, Los Angeles, Calif. Cigars. 502,582–3, Sept. 28; Serial Nos. 541,583–4, published July 6, 1948. Class 17.

Seymour Woolen Mills, Seymour, Ind. Woolen piece goods and blankets. 502,454, Sept. 28; Serial No. 526,526, published June 15, 1948. Class 42.

Sherman, H. L., Boston, Mass., by L. Maxcy, Inc., Frostproof, Fla. Citrus-fruit juices. 278,154, Dec. 9, 1930. Republished Sept. 28. Class 46.

Signal Electric Manufacturing Co., Menominee, Mich. Electric bells, buzzers, relays, etc. 255,370, Apr. 23, 1929. Republished Sept. 28. Class 21.

Simmons-Boardman Publishing Co., to Simmons-Boardman Publishing Corp., New York, N. Y. Periodical. 249,761, renewed Nov. 20, 1948. O. G. Sept. 28. Class 38.

Simmons-Boardman Publishing Corp.: *See*—
Simmons-Boardman Publishing Co.

Simmons Company, New York, N. Y. Sofas and beds. 382,488, Oct. 29, 1940. Republished Sept. 28. Class 32.

Simonin's, C. F., Sons, Inc., Philadelphia, Pa. Food seasoning. 433,010, Sept. 23, 1947. Republished Sept. 28. Class 46.

Sinclair Pharmacal Co., Inc., New York, N. Y. Nasal ointments. 138,512, Dec. 28, 1920. Republished Sept. 28. Class 6.

Sireno Company, The, to The Sireno Company, Inc., New York, N. Y. Mechanical alarm-whistles. 70,228, renewed Aug. 11, 1948. O. G. Sept. 28. Class 23.

Sireno Company, Inc., The: *See*—
Sireno Company, The.

Skinner & Kennedy Company, St. Louis, Mo. Cigarette package holders of plastic material. 502,552, Sept. 28; Serial No. 537,249, published July 6, 1948. Class 8.

Sloan, Dr. Earl S., Incorporated, Wilmington, Del., New York, N. Y., and St. Louis, Mo., to Standard Laboratories, Inc., New York, N. Y. Liniment. 247,636, renewed Oct. 2, 1948. O. G. Sept. 28. Class 6.

Smith, Alexander, & Sons Carpet Company, Yonkers, N. Y. Carpets and rugs. 502,567, Sept. 28; Serial No. 540,466, published June 29, 1948. Class 42.

Smith, Alexander, & Sons Carpet Company, Yonkers, N. Y. Carpets and rugs. 502,568, Sept. 28; Serial No. 540,469, published June 29, 1948. Class 42.

Smith, Alexander, & Sons Carpet Company, Yonkers, N. Y. Carpets and rugs. 502,569–72, Sept. 28; Serial Nos. 540,471–4, published July 6, 1948. Class 42.

Smokador Manufacturing Co., Inc.: *See*—
Tubular Products Company, The.

Societe Anonyme De Riqles: *See*—
Riqlès, E. De., & Cie.

Societe Anonyme Le Carbone, Levallois-Perret, to Societe Le Carbone-Lorraine, Paris, France. Electric cells. 182,555, renewed Apr. 15, 1946. O. G. Sept. 28. Class 21.

Societe Francaise de l'Everite, La Plaine St. Denis, to Societe Reunies Everite-Sitube Produits en Amiante, Ciment et en Beton, Paris, France. Slates, tiles, plates, etc. 224,568–70, renewed Mar. 1, 1947. O. G. Sept. 28. Class 12.

Societe Le Carbone-Lorraine: *See*—
Societe Anonyme Le Carbone.

Societe Reunies Everite-Sitube Produits en Amiante: *See*—
Societe Francaise de l'Everite.

Society of Chemical Industry in Basle, to Ciba Limited, Basel, Switzerland. Pharmaceutical preparations. 142,139, renewed May 3, 1941. O. G. Sept. 28. Class 6.

Society of Chemical Industry in Basle, to Ciba Limited, Basel, Switzerland. Chemical product. 245,502, renewed Aug. 14, 1948. O. G. Sept. 28. Class 6.

Solvite Company, The: *See*—
Langfield, C. E.

Southern Manufacturing Company, Nashville, Tenn. Dress shirts, work shirts, and sport shirts, and pants. 373,354, Dec. 5, 1939. Republished Sept. 28. Class 39.

Speare Supply Company, The, Chicago, Ill., by Diamond Alkali Company, Pittsburgh, Pa. Laundry sour. 407,518, June 6, 1944. Republished Sept. 28. Class 6.

Spiegel, Inc.: *See*—
Spiegel, May, Stern Company, Incorporated, The.

Spiegel, May, Stern Company, Incorporated, The, by Spiegel, Inc., Chicago, Ill. Pneumatic vehicle tires and inner tubes therefor. 333,822, Apr. 7, 1936. Republished Sept. 28. Class 35.

Spiegel, May, Stern Company, Incorporated, The, by Spiegel, Inc., Chicago, Ill. Pneumatic vehicle tires and inner tubes therefor. 333,964, Apr. 14, 1936. Republished Sept. 28. Class 35.

Springfield Leather Products Company, The: *See*—
Erickson, C. E., Co., Inc.

Springfield Leather Products Company, The, Springfield, Ohio. Cigarette cases. 251,571, renewed Jan. 8, 1949. O. G. Sept. 28. Class 8.

Squirt Company, The, by The Squirt Company, Beverly Hills, Calif. Monthly trade publication. 390,686, Sept. 30, 1941. Republished Sept. 28. Class 38.

Squirt Company, The, by The Squirt Company, Beverly Hills, Calif. Bases and sirups and extracts. 397,551, Sept. 8, 1942. Republished Sept. 28. Class 45.

Standard Industrial Products, Inc., Evansville, Ind. Ready-mixed paints, varnishes, metallic lacquer, etc. 382,445, Oct. 29, 1940. Republished Sept. 28. Class 16.

Standard Industrial Products, Inc., Evansville, Ind. House paints, paint enamels, lacquer, etc. 383,150, Nov. 26, 1940. Republished Sept. 28. Class 16.

Standard Laboratories, Inc.: *See*—
Sloan, Dr. Earl S., Incorporated.

Standard Portland Cement Company, Cleveland, Ohio, by Diamond Alkali Company, Pittsburgh, Pa. Portland cement. 260,581, Aug. 27, 1929. Republished Sept. 28. Class 12.

Startex Mills, Tucapau, S. C. Towels and toweling. 440,762, Sept. 28; Serial No. 491,593, published July 6, 1948. Class 42.

Stationers' Guild of America, Philadelphia, Pa. Adding, accounting, calculating, and typewriting machine ribbons, etc. 502,581, Sept. 28; Serial No. 541,375, published June 29, 1948. Class 11.

Stauffer Chemical Company, San Francisco, Calif. Cream tartar, tartaric acid, sodium potassium tartrate, etc. 502,485, Sept. 28; Serial No. 530,582, published June 29, 1948. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Sulphur. 502,496, Sept. 28; Serial No. 531,528, published July 6, 1948. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Insecticides. 502,497–8, Sept. 28; Serial Nos. 531,530–1, published July 6, 1948. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Sulphur. 502,499–500, Sept. 28; Serial Nos. 531,535–6, published July 6, 1948. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Spreader for insecticides. 502,501, Sept. 28; Serial No. 531,537, published July 6, 1948. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Sulphur, sulphate of alumina, iron sulphate, and carbon bisulphide. 502,508, Sept. 28; Serial No. 532,358, published June 15, 1948. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Sulphur. 502,549, Sept. 28; Serial No. 536,845, published June 22, 1948. Class 6.

Staunt, Martin, doing business as Midwest Dental Manufacturing Co., Chicago, Ill. Hammer attachments for dental hand pieces. 502,502, Sept. 28; Serial No. 531,736, published June 22, 1948. Class 44.

Steele, James O., doing business as The French Shoppe, Atlanta, Ga., to The H. C. Godmand Company, Columbus, Ohio. Men's, women's, and children's shoes. 245,292, renewed Aug. 7, 1948. O. G. Sept. 28. Class 39.

Steele-Weddles Company, Chicago, Ill. Sauce Bordelaise, sauce Newberg, etc. 244,065, renewed July 10, 1948. O. G. Sept. 28. Class 46.

Stein Brothers, New York, N. Y. Men's topcoats and overcoats. 396,193, June 30, 1942. Republished Sept. 28. Class 39.

Stein Brothers, New York, N. Y. Men's and boys' suits, coats, trousers, etc. 409,560, Oct. 10, 1944. Republished Sept. 28. Class 39.

Stelwagon Manufacturing Company, Philadelphia, Pa. Felt roofing. 502,510, Sept. 28; Serial No. 532,653, published June 22, 1948. Class 12.

Sterling Packing & Gasket Co., Houston, Tex. Pump liner packing assemblies. 502,547, Sept. 28; Serial No. 536,733, published June 15, 1948. Class 35.

Stevens, J. P., & Co., Inc., New York, N. Y. Sheetings, drills, and suitings. 502,574, Sept. 28; Serial No. 540,734, published July 6, 1948. Class 42.

Stewart-Warner Corporation, Chicago, Ill. Automobile heaters of the internal combustion type. 344,788, Apr. 6, 1937. Republished Sept. 28. Class 19.

Stewart-Warner Corporation, Chicago, Ill. Liquid fuel combustion heaters. 415,329, Aug. 7, 1945. Republished Sept. 28. Class 34.

Stoner, George D., doing business as Com-Fit Company, Indianapolis, Ind. Denture pads. 502,564, Sept. 28; Serial No. 540,121, published July 6, 1948. Class 44.

Strasenburgh, R. J., Company, Rochester, N. Y. Chemicals, medicines, and pharmaceutical products, etc. 97,184, May 19, 1914. Republished Sept. 28. Class 6.

Strasenburgh, R. J., Company, Rochester, N. Y. Pharmaceutical preparations. 412,405, Mar. 6, 1945. Republished Sept. 28. Class 6.

Sulfa-Bay Company, Inc., Helena, Ark. Preparation for the treatment of dandruff. 502,506, Sept. 28; Serial No. 532,173, published June 29, 1948. Class 6.

Superior Steel Corporation, Pittsburgh, Pa. Metal strip or sheet material. 502,471, Sept. 28; Serial No. 529,422, published June 22, 1948. Class 14.

Swank, Inc.: *See*—
Baer & Wilde Co., The.

Swanson, C. A., & Sons, Omaha, Nebr. Oleomargarine. 502,463, Sept. 28; Serial No. 528,038, published June 29, 1948. Class 46.

Sweetarts: *See*—
Sweetarts Company.

Sweetarts Company, Dundee, to Sweetarts, Portland, Oreg. Dried prunes. 242,227, renewed May 15, 1948. O. G. Sept. 28. Class 46.

Syntron Company, Homer City, Pa. Hydraulic and pneumatic vibrators and their controls. 415,309, Aug. 7, 1945. Republished Sept. 28. Class 23.

Talon, Inc.: *See*—
Hookless Fastener Company.
North & Judd Manufacturing Company.

Technical Color & Chemical Works: *See*—
Greenbaum, Harry L.

Technical Color & Chemical Works, Inc.: *See*—
Greenbaum, Harry L.

Templar Oil Products Co.: *See*—
Marvin, Walter.

Templar Oil Products Co., Incorporated: *See*—
Marvin, Walter.

Terhune, Yearance & Wolff, Inc., New York, N. Y., by Virginia Woolen Company, Winchester, Va. Woolen fabrics in the piece. 287,088, Sept. 15, 1931. Republished Sept. 28. Class 42.

Ternstedt Manufacturing Company, to General Motors Corporation, Detroit, Mich. Automobile body hardware. 244,392–3, renewed July 17, 1948. O. G. Sept. 28. Class 13.

Ternstedt Manufacturing Company, to General Motors Corporation, Detroit, Mich. Automobile body hardware. 244,555, renewed July 24, 1948. O. G. Sept. 28. Class 14.

Ternstedt Manufacturing Company, to General Motors Corporation, Detroit, Mich. Automobile electric dome lights and electric corner lights. 244,556, renewed July 24, 1948. O. G. Sept. 28. Class 21.

Tex-O-Kan Flour Mills Co., doing business as Burrus Mill & Elevator Co., Dallas and Fort Worth, Texas. Wheat flour, whole wheat flour, cake flour, etc. 502,439, Sept. 28; Serial No. 492,292, published June 22, 1948. Class 46.

Thompson, Weinman & Company, Inc., Cartersville, Ga. Finely ground natural earthy material. 410,381, Nov. 21, 1944. Republished Sept. 28. Class 1.

Thompson, Weinman & Company, Inc., Cartersville, Ga. Mechanically ground calcium carbonate. 416,469, Sept. 18, 1945. Republished Sept. 28. Class 1.

Thurston, Althea C.: *See*—
Thurston, Walter R.

Thurston, Walter R., doing business as Norm Manufacturing Co., to A. C. Thurston, Los Angeles, Calif. Joint paste. 248,283, renewed Oct. 16, 1948. O. G. Sept. 28. Class 12.

Tilo Roofing Company, Inc., Stratford, Conn. Shingles and sidings. 440,826, Sept. 28; Serial No. 524,633, published June 15, 1948. Class 12.

Tobin Packing Co., Inc.: *See*—
Albany Packing Company, The.

Tower Salted Nut Co., Philadelphia, Pa. Salted nuts. 440,815, Sept. 28; Serial No. 522,093, published June 29, 1948. Class 46.

Truax-Traer Coal Company, Chicago, Ill. Bituminous coal. 502,527, Sept. 28; Serial No. 534,696, published June 8, 1948. Class 1.

Trüb & Co., Uster, Zurich, Switzerland. Textile piece goods. 440,787, Sept. 28; Serial No. 508,940, published June 29, 1948. Class 42.

Tubular roducts Company, The, Southington, Conn., by Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smokers' stands on pedestals. 240,673, Apr. 3, 1928. Republished Sept. 28. Class 32.

Tur Hermanos, Richmond, Va., and New York, N. Y., to Tur Hermanos, Richmond, Va. Licorice in stick, tablet, and pearl form. 247,217, renewed Sept. 25, 1948. O. G. Sept. 28. Class 6.

Tuttle Press Company, The, Appleton, Wis. Crepe paper. 203,650, Sept. 22, 1925. Republished Sept. 28. Class 37.

Tuttle Press Company, The, Appleton, Wis. Florists' crepe paper. 209,486, Feb. 23, 1926. Republished Sept. 28. Class 37.

Tuttle Press Company, The, Appleton, Wis. Crepe paper. 228,671, June 7, 1927. Republished Sept. 28. Class 37.

Union Stock Yards Company of Omaha, Ltd., Omaha, Nebr. Organic fertilizer. 502,512, Sept. 28; Serial No. 532,889, published May 18, 1948. Class 10.

U. S. Automatic Corporation, Amherst, Ohio. Screw machine products. 440,759, Sept. 28; Serial No. 486,015, published July 6, 1948. Class 26.

Universal Camera Corporation, New York, N. Y. Photographs. 440,769, Sept. 28; Serial No. 498,957, published May 27, 1947. Class 36.

Valmor Health Products Co., by Valmor Products Co., Chicago, Ill. Face powder, talcum powder, rouge, etc. 218,299, Sept. 21, 1926. Republished Sept. 28. Class 6.

Valmor Products Co.: *See*—
Neumann, Morton G.
Valmor Health Products Co.

Van Ameringen, Arnold L., to van Ameringen-Haebler, Inc., New York, N. Y. Perfumes, essences of perfumes, etc. 245,404, renewed Aug. 14, 1948. O. G. Sept. 28. Class 6.

Van Ameringen-Haebler, Inc.: *See*—
Van Ameringen, Arnold L.

Versa-Lite Optical Corporation, Springfield, Mass. Ophthalmic mountings and parts thereof and optical viewing members or lenses. 502,494, Sept. 28; Serial No. 531,165, published June 15, 1948. Class 26.

Vesta Accumulator Company, Chicago, Ill., to National Battery Company, St. Paul, Minn. Electrical storage batteries. 69,872, re-renewed July 14, 1948. O. G. Sept. 28. Class 21.

Victory Optical Manufacturing Company, Newark, N. J. Spectacle frames. 502,481, Sept. 28; Serial No. 530,133, published June 8, 1948. Class 26.

Virginia Woolen Company: *See*—
Terhune, Yearance & Wolff, Inc.

Vulcan Tin Can Co., Bellwood, Ill. Tin cans. 502,538, Sept. 28; Serial No. 535,658, published July 6, 1948. Class 2.

Walther, John, Fabrics, Inc., New York, N. Y. Woolen and worsted fabrics. 502,557, Sept. 28; Serial No. 539,108, published June 22, 1948. Class 42.

Wamsutta Mills, New Bedford, Mass. Sheets and pillow cases. 502,575, Sept. 28; Serial No. 540,746, published July 6, 1948. Class 42.

Ward Leonard Electric Company, Mount Vernon, N. Y. Electric rheostats, electric illumination control apparatus. 337,570, Aug. 11, 1936. Republished Sept. 28. Class 21.

Ward Leonard Electric Company, Mount Vernon, N. Y. Electric illumination control apparatus. 348,143, July 20, 1937. Republished Sept. 28. Class 21.

Ward Leonard Electric Company, Mount Vernon, N. Y. Electric control apparatus. 348,307, July 20, 1937. Republished Sept. 28. Class 21.

Ward-Love Pump Corporation, Rockford, Ill., to The Permutit Company, New York, N. Y. Water-softening apparatus and parts therefor. 246,182, renewed Sept. 4, 1948. O. G. Sept. 28. Class 23.

Warner, William R., & Co., Inc., New York, N. Y. Composition of penicillin and aluminum hydroxide gel with calcium carbonate. 440,777, Sept. 28; Serial No. 505,540, published June 29, 1948. Class 6.

Warren Featherbone Co., The, Three Oaks, Mich. Tape measures. 502,486, Sept. 28; Serial No. 530,607, published June 15, 1948. Class 26.

Warren Manufacturing Company, The, Riegelsville, N. J., and New York, N. Y., to Riegel Paper Corporation, New York, N. Y. Waxed wrapping paper and waxed paper. 247,157, renewed Sept. 18, 1948. O. G. Sept. 28. Class 37.

Waslikoff, Morris, New York, N. Y. Articles of jewelry. 244,674, renewed July 24, 1948. O. G. Sept. 28. Class 28.

Wayne Knitting Mills, Fort Wayne, Ind. Stockings. 371,987–89, Oct. 17, 1939. Republished Sept. 28. Class 39.

Webster Rubber Company, Sabbatus, Maine. Rubber doilies. 271,642, June 17, 1930. Republished Sept. 28. Class 50.

Weil-Kalter Mfg. Co., St. Louis, Mo. Garments for ladies and children. 364,758, Feb. 14, 1939. Republished Sept. 28. Class 39.

Weil-Kalter Manufacturing Company, St. Louis, Mo. Garments for women and misses. 421,966, June 25, 1946. Republished Sept. 28. Class 39.

Weldona Company, Boston, Mass., by Weldona, Inc., Atlantic City, N. J. Medicine for rheumatism. 124,173, Jan. 14, 1919. Republished Sept. 28. Class 6.

Weldona, Inc.: *See*—
Weldona Company.

Wellcome, Henry S., London, England, by Burroughs Wellcome & Co. (U. S. A.), Inc., Tuckahoe, N. Y. Semi-solid toilet preparation. 71,267, Nov. 10, 1908. Republished Sept. 28. Class 6.

Wellcome, Henry S., London, England, by Burroughs Wellcome & Co. (U. S. A.), Inc., Tuckahoe, N. Y. Acids, albumens, menthol, etc. 76,731, Feb. 8, 1910. Republished Sept. 28. Class 6.

Wells Lamont Corporation: *See*—
Wells-Lamont Manufacturing Company.
Wells Lamont Smith Corporation.
Wells-Lamont-Smith Corporation.

Wells-Lamont Manufacturing Company, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Leather and fabric gloves and mittens. 124,275, Jan. 28, 1919. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Work gloves. 303,697, June 6, 1933. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Work gloves of leather. 322,377, Mar. 5, 1935. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Work gloves. 324,700, May 28, 1935. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Work gloves. 324,702, May 28, 1935. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Fabric gloves and gloves of combined leather and fabric. 346,263, May 18, 1937. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Work gloves. 355,403, Mar. 15, 1938. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 377,222, Apr. 23, 1940. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 379,012, June 25, 1940. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 379,029, June 25, 1940. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 380,631, Aug. 27, 1940. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 382,972, Nov. 19, 1940. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 388,057, June 10, 1941. Republished Sept. 28. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 388,726, July 8, 1941. Republished Sept. 28. Class 39.

Wells Lamont Smith Corporation, now by change of name Wells Lamont Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 404,241, Nov. 16, 1943. Republished Sept. 28. Class 39.

Wells Lamont Smith Corporation, now by change of name Wells Lamont Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 406,515, Apr. 11, 1944. Republished Sept. 28. Class 39.

West End Brewing Co., The, Utica, N. Y. Nonalcoholic, cereal, malt beverages. 249,079, renewed Nov. 6, 1948. O. G. Sept. 28. Class 48.

West Florida Preserving Company, Inc., Bradenton, by L. Maxcy, Inc., Frostproof, Fla. Canned grapefruit juice. 271,023, May 20, 1930. Republished Sept. 28. Class 46.

Western Auto Stores: *See*—
Western Auto Supply Company, The.

Western Auto Supply Company: *See*—
Canfield Oil Company, The.
Ken-Nite Company.

Western Auto Supply Co., Kansas City, Mo. Bicycles, tricycles. 289,563, Dec. 1, 1931. Republished Sept. 28. Class 19.

Western Auto Supply Company, Kansas City, Mo. Linseed oil, turpentine, paint and enamel, etc. 293,073, Apr. 5, 1932. Republished Sept. 28. Class 16.

Western Auto Supply Company, Kansas City, Mo. Ready-mixed paints, paint enamels, varnishes, etc. 336,402, July 7, 1936. Republished Sept. 28. Class 16.

Western Auto Supply Company, Kansas City, Mo. Spark plugs and spark plug porcelains. 341,752, Dec. 22, 1936. Republished Sept. 28. Class 21.

Western Auto Supply Company, The, doing business as Western Auto Stores, Kansas City, Mo. Paint enamel. 353,690, Jan. 11, 1938. Republished Sept. 28. Class 16.

Western Auto Supply Company, Kansas City, Mo. High chairs, rocking chairs, hardwood chairs, etc. 416,624, Sept. 25, 1945. Republished Sept. 28. Class 32.

Western Auto Supply Company, Kansas City, Mo. Seat covers for motor vehicles. 419,362–3, Feb. 12, 1946. Republished Sept. 28. Class 19.

Western Auto Supply Company, Kansas City, Mo. Refrigerators. 419,533, Feb. 19, 1946. Republished Sept. 28. Class 31.

Western Brick Company, Danville, Ill. Bricks. 86,013, Apr. 2, 1912. Republished Sept. 28. Class 12.

Western Brick Company, Danville, Ill. Brick and tile. 206,443, Dec. 1, 1925. Republished Sept. 28. Class 12.

Western Waxed Paper Company of Oregon, Portland, Oreg., by Crown Zellerbach Corporation, doing business as Western Waxed Paper Company, San Francisco, Calif. Building paper. 258,930, July 16, 1929. Republished Sept. 28. Class 12.

Weyand, B. T., doing business as Weyand & Co., Seattle, Wash. Canned salmon. 502,468, Sept. 28; Serial No. 528,970, published June 22, 1948. Class 46.

Weyand & Co.: *See*—
Weyand, B. T.

White, H. Kirk, and Company, Oconomowoc, Wis. Chemical soot remover. 502,534, Sept. 28; Serial No. 535,288, published July 6, 1948. Class 6.

White Rock Uniform Company, Lynchburg, Va. Women's uniforms. 382,844, Nov. 12, 1940. Republished Sept. 28. Class 39.

Whittall, M. J., by M. J. Whittall Associates, Inc., Worcester, Mass. Textile rugs and carpets. 103,458, Apr. 6, 1915. Republished Sept. 28. Class 42.

Whittall, M. J., Associates, Inc.: *See*—
Whittall, M. J.

Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. 440,822, Sept. 28; Serial No. 523,302, published June 29, 1948. Class 42.

Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. 440,823, Sept. 28; Serial No. 523,440, published June 22, 1948. Class 42.

Wiley-Bickford-Sweet Corp., Worcester, Mass. Leggings, overgaiters, felt, and leather slippers, etc. 440,791, Sept. 28; Serial No. 509,383, published June 1, 1948. Class 39.

Wilkinson Bros., by Wilkinson Brothers, Inc., Calipatria, Calif. Fresh vegetables. 225,887, Mar. 29, 1927. Republished Sept. 28. Class 46.

Wilkinson Brothers, Inc.: *See*—
Wilkinson Bros.

Willats, Harold P., Hollywood, by Colonial Dames, Inc., Los Angeles, Calif. Bath oil, face powder, bath powder, etc. 386,266, Apr. 1, 1941. Republished Sept. 28. Class 6.

Williams and Anderson Company, The, Providence, R. I. Jewelry. 313,752, June 5, 1934. Republished Sept. 28. Class 28.

Williams Oil-O-Matic Heating Corporation, by Eureka Williams Corporation, Bloomington, Ill. Liquid fuel burning devices. 239,830, Mar. 13, 1928. Republished Sept. 28. Class 34.

Wilson Brothers, Chicago, Ill. Men's neckties. 362,157, Nov. 15, 1938. Republished Sept. 28. Class 39.

Wilson Brothers, Chicago, Ill. Men's neckties. 362,160, Nov. 15, 1938. Republished Sept. 28. Class 39.

Wilson Brothers, Chicago, Ill. Men's neckties. 383,849, Dec. 24, 1940. Republished Sept. 28. Class 39.
Wilson Sporting Goods Co.: *See*—General Sports, Inc.
Woodbury, John H., Inc., Cincinnati, Ohio. Cologne. 399,205, Dec. 22, 1942. Republished Sept. 28. Class 6.
Worth, Lena R., doing business as Everhot Heating Pad Co., Newark, N. J. Chemically-heated pads. 440,816, Sept. 28; Serial No. 522,215, published Jan. 6, 1948. Class 44.
Worthington-Gamon Meter Company, Newark, N. J. Liquid meters, piston meters, disk meters, etc. 502,456, Sept. 28; Serial No. 526,728, published June 22, 1948. Class 26.
Worumbo Manufacturing Company, Bath, to Worumbo Manufacturing Company, Lisbon Falls, Maine. Woolen goods in the piece. 250,660, renewed Dec. 11, 1948. O. G. Sept. 28. Class 42.
Wright, E. T., & Company, Inc., Rockland, Mass. Men's and boys' leather and canvas boots and shoes. 287,189, Sept. 15, 1931. Amended. O. G. Sept. 28. Class 39.
Wullschleger & Co., New York, N. Y. Fabrics in the piece. 440,756, Sept. 28; Serial No. 471,728, published June 22, 1948. Class 42.
Z. V. S. Company, The, Chicago, Ill. Steel castings. 502,554, Sept. 28; Serial No. 537,540, published June 29, 1948. Class 14.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Calcium carbonate, Mechanically ground. Thompson, Weinman & Company, Inc. 416,469, Sept. 18, 1945. Republished Sept. 28.
Chinchillas, Live. American Chinchilla Corp. 440,788, Sept. 28; Serial No. 508,952, published June 29, 1948.
Coal. J. R. Chamberlin. 502,528, Sept. 28; Serial No. 534,743, published June 8, 1948.
Coal. General Coal Company. 233,775, Oct. 11, 1927. Republished Sept. 28.
Coal. General Coal Company. 236,726, Dec. 20, 1927. Republished Sept. 28.
Coal. Old Mac Coal Co. 440,785, Sept. 28; Serial No. 508,741, published June 22, 1948.
Coal. Pittsburg & Midway Coal Mining Co. 440,830, Sept. 28; Serial No. 525,946, published June 15, 1948.
Coal, Bituminous. Truax-Traer Coal Company. 502,527, Sept. 28; Serial No. 534,696, published June 8, 1948.
Compound, Agricultural base plastic moulding. Agicide Laboratories, Inc. 502,590, Sept. 28; Serial No. 553,766, published July 6, 1948.
Chrome ore. E. J. Lavino and Company. 248,118, Oct. 16, 1928. Republished Sept. 28.
Earth mixtures. Great Lakes Carbon Corporation. 440,767, Sept. 28; Serial No. 498,007, published June 22, 1948.
Earthy material, Finely ground natural. Thompson, Weinman & Company, Inc. 410,381, Nov. 21, 1944. Republished Sept. 28.
Flower bulbs. Oregon Bulb Farms. 440,827, Sept. 28; Serial No. 525,027, published June 15, 1948.
Gravel, Bird. Great Atlantic and Pacific Tea Company. 502,522, Sept. 28; Serial No. 534,434, published June 1, 1948.
Hides and leather. A. K. Saiz Company. 502,444, Sept. 28; Serial No. 506,839, published June 15, 1948.
Leather. Pfister & Vogel Tanning Co. 502,531, Sept. 28; Serial No. 534,921, published June 15, 1948.
Leather. Fred Rueping Leather Company. 502,543, Sept. 28; Serial No. 535,997, published June 22, 1948.
Leather and hydraulic leather, Flat belt. J. E. Rhoads & Sons. 227,552, May 10, 1927. Republished Sept. 28.
Resins, Synthetic. Advance Solvents & Chemical Corporation. 440,802, Sept. 28; Serial No. 517,685, published Jan. 20, 1948.
Resins, Synthetic. Monsanto Chemical Company. 440,754, Sept. 28; Serial No. 467,614, published June 22, 1948.
Resins, Synthetic. Monsanto Chemical Company. 440,755, Sept. 28; Serial No. 471,355, published June 22, 1948.
Resins, Synthetic. Monsanto Chemical Company. 440,809, Sept. 28; Serial No. 520,174, published June 22, 1948.
Resins, Synthetic. Monsanto Chemical Company. 502,445, Sept. 28; Serial No. 507,410, published June 8, 1948.
Rubber, Cushion. General Sports, Inc. 349,634, Aug. 31, 1937. Republished Sept. 28.
Seeds, Field, garden, and flower. Collins-Maddox Company. 440,796, Sept. 28; Serial No. 514,411, published June 15, 1948.
Sponges. American Sponge & Chamois Co., Inc. 502,545, Sept. 28; Serial No. 536,333, published June 22, 1948.
Sponges, Cellulose. O-Cel-O, Inc. 440,807, Sept. 28; Serial No. 519,689, published June 22, 1948.

CLASS 2

Cans, Garbage. Binswanger-Henkin Industries. 502,451, Sept. 28; Serial No. 520,260, published July 6, 1948.
Cans, Tin. Vulcan Tin Can Co. 502,538, Sept. 28; Serial No. 535,658, published July 6, 1948.
Garment bags, laundry bags, and shoe bags. Phoenix Closet Accessories, Inc. 395,108, May 12, 1942. Republished Sept. 28.
Pans for animals, Sanitary toilet. C. R. Blatchford. 502,442, Sept. 28; Serial No. 498,108, published July 6, 1948.

CLASS 3

Key holders, Leather. C. E. Erickson Co., Inc. 238,149, Jan. 31, 1928. Republished Sept. 28.
Trunk straps, woven razorstrops, woven skate straps, etc., Woven. Buffalo Weaving & Belting Company. 211,403, Apr. 13, 1926. Republished Sept. 28.
Trunks, hand trunks, and automobile trunks, Wardrobe. May & Malone, Incorporated. 284,261, June 23, 1931. Republished Sept. 28.

CLASS 4

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 502,587, Sept. 28; Serial No. 545,037, published July 6, 1948.
Cleanser for manikins and similar painted or enameled display fixtures and backgrounds. Bontee Laboratories. 436,889, Mar. 2, 1948. New Certificate. O. G. Sept. 28.
Compound, General cleaning and scouring. Royce Chemical Company. 340,954, Nov. 24, 1936. Republished Sept. 28.
Compounds in powdered form. E. F. Houghton & Co. 236,682, Dec. 20, 1927. Republished Sept. 28.
Compounds, Liquid scrubbing. Adco, Inc. 502,446, Sept. 28; Serial No. 509,317, published July 6, 1948.
Polish. J. L. Prescott & Co. 31,982, re-renewed Sept. 20, 1948. O. G. Sept. 28.
Polish, Metal. Magnetic Polish Company, Inc. 232,230, Sept. 6, 1927. Republished Sept. 28.
Polish, Silver. J. C. Penney Company. 242,178, renewed May 15, 1948. O. G. Sept. 28.
Powder, Washing and cleaning. A. Lenzner. 440,794, Sept. 28; Serial No. 511,628, published July 6, 1948.
Remover, Liquid wax, grease, and polish. Seidlitz Paint & Varnish Co. 502,596, Sept. 28; Serial No. 536,162.
Soap. Marie Earle, Inc. 244,225, renewed July 17, 1948. O. G. Sept. 28.
Soap. D. F. Nealon. 502,588, Sept. 28; Serial No. 547,142, published July 6, 1948.
Soap. Palmolive Peet Company. 251,214, renewed Jan. 1, 1949. O. G. Sept. 28.
Soap and soap cream, Toilet. Houbigant, Inc. 234,817, Nov. 8, 1927. Republished Sept. 28.
Soap, Dry-cleaning. C. E. Langfield. 243,223, June 12, 1928. Republished Sept. 28.
Soap or soap paste, Liquid. D. T. Products Co. 244,229, renewed July 17, 1948. O. G. Sept. 28.
Soap, Toilet. Cheramy, Inc. 157,654, Aug. 15, 1922. Republished Sept. 28.
Soaps. Andrew Jergens Company. 145,314, Aug. 2, 1921. Republished Sept. 28.
Soaps, Toilet. Marie Earle, Inc. 247,886, renewed Oct. 9, 1948. O. G. Sept. 28.
Soaps, Toilet. Parfumerie Houbigant. 139,598, Feb. 8, 1921. Republished Sept. 28.
Trunk straps, woven razorstrops, woven skate straps, etc., Woven. Buffalo Weaving & Belting Company. 211,403, Apr. 13, 1926. Republished Sept. 28.

CLASS 5

Cements, Adhesive. W. Marvin. 244,751, renewed July 24, 1948. O. G. Sept. 28.
Cereal product used in foundries as an adhesive. Miner-Hillard Milling Co. 502,536, Sept. 28; Serial No. 535,580, published June 8, 1948.
Compound, Liquid adhesive. Cambridge Rubber Company. 241,990, renewed May 8, 1948. O. G. Sept. 28.

CLASS 6

Acids, albumens, menthol, etc. H. S. Wellcome. 76,731, Feb. 8, 1910. Republished Sept. 28.
Amino acids, Brand of natural. Professional Pharmacal Company, Inc. 440,780, Sept. 28; Serial No. 506,264, published June 8, 1948.
Antacid and sedative. Bristol Laboratories Incorporated. 440,806, Sept. 28; Serial No. 518,935, published June 22, 1948.
Aqua ammonia, dry ammonia, laundry ammonia, etc. Citizens' Wholesale Supply Company. 150,294, Jan. 3, 1922. Republished Sept. 28.
Bath oil, face powder, bath powder, etc. H. P. Willats. 386,266, Apr. 1, 1941. Republished Sept. 28.
Brilliantine, face powder, face cream, etc. Cheramy, Inc. 146,966, Sept. 27, 1921. Republished Sept. 28.
Capsules, Pain relieving. J. M. Chamblin. 502,516, Sept. 28; Serial No. 533,444, published June 22, 1948.

Castor oil, Sulphonated for textile purposes. Royce Chemical Company. 292,822, Mar. 29, 1932. Republished Sept. 28.
Chemical compositions. National Aluminate Corporation. 395,917–18, June 16, 1942. Republished Sept. 28.
Chemical product. Society of Chemical Industry in Basle. 245,502, renewed Aug. 14, 1948. O. G. Sept. 28.
Chemical soot remover. H. Kirk White and Company. 502,534, Sept. 28; Serial No. 535,288, published July 6, 1948.
Chemicals adapted for discharging dyeings. Royce Chemical Company. 355,202, Mar. 8, 1938. Republished Sept. 28.
Chemicals adapted for the dyeing, bleaching, finishing, and treatment of textile fibers. Royce Chemical Company. 340,177, Nov. 3, 1936. Republished Sept. 28.
Chemicals employed in the treatment of water. National Aluminate Corporation. 342,307, Jan. 12, 1937. Republished Sept. 28.
Chemicals, medicines, and pharmaceutical products. R. J. Strasenburgh Company. 97,184, May 19, 1914. Republished Sept. 28.
Cologne. John H. Woodbury, Inc. 399,205, Dec. 22, 1942. Republished Sept. 28.
Cologne, perfumes, bath crystals, etc. Mayo Reese Inc. 440,773, Sept. 28; Serial No. 503,390, published June 29, 1948.
Compounds for absorbing water vapor, gases, and liquids, Desiccating. P. N. Davey. 502,539, Sept. 28; Serial No. 535,689, published June 29, 1948.
Cosmetics and beauty preparations. J. Cochran. 392,606, Jan. 6, 1942. Republished Sept. 28.
Cosmetics and beauty preparations. J. Cochran. 502,553, Sept. 28; Serial No. 537,418, published June 29, 1948.
Cream, Hand. Elmer and Amend. 502,492, Sept. 28; Serial No. 530,926, published June 8, 1948.
Cream tartar, tartaric acid, sodium potassium tartrate, etc. Stauffer Chemical Company. 502,485, Sept. 28; Serial No. 530,582, published June 29, 1948.
Cream, Toilet. P. Beiersdorf & Co., Inc. 249,754, renewed Nov. 20, 1948. O. G. Sept. 28.
Deodorant Geo. C. V. Fesler Company. 248,317, Oct. 16, 1928. Republished Sept. 28.
Deodorant. Andrew Jergens Company. 404,431, Nov. 23, 1943. Republished Sept. 28.
Dyes, bluing, and a preparation for removing colors from all fabrics and stains from white goods. North American Dye Corporation. 502,438, Sept. 28; Serial No. 489,674, published June 22, 1948.
Dyestuffs and pigment colors. Nova Chemical Corporation. 428,688, Apr. 1, 1947. Republished Sept. 28.
Dyestuffs and pigment colors. Nova Chemical Corporation. 429,470, Apr. 29, 1947. Republished Sept. 28.
Egg preserver, Water glass. Rutland Fire Clay Co. 155,813, June 6, 1922. Republished Sept. 28.
Egg preserver, Water glass. Rutland Fire Clay Co. 161,831, Nov. 31, 1922. Republished Sept. 28.
Ergosterol, Activated. Mead Johnson & Company. 244,145, renewed July 10, 1948. O. G. Sept. 28.
Face powder, dusting powder, perfume, and face tissues of paper. Marie Earle, Inc. 249,004, renewed Nov. 6, 1948. O. G. Sept. 28.
Face powder, talcum powder, rouge, etc. Valmor Health Products Co. 218,299, Sept. 21, 1926. Republished Sept. 28.
Gums suitable for the printing of textile fabrics. Royce Chemical Company. 334,938, May 19, 1936. Republished Sept. 28.
Hydrosulphite. Royce Chemical Company. 294,610, June 7, 1932. Republished Sept. 28.
Insect repellent. Phillips Petroleum Company. 440,790, Sept. 28; Serial No. 509,367, published June 29, 1948.
Insecticide, moth spray, and moth and larvae inhibitor. Enoz Chemical Company. 440,760, Sept. 28; Serial No. 486,090, published Dec. 24, 1946.
Insecticides. Balcom Industries, Inc. 502,593, Sept. 28; Serial No. 530,366.
Insecticides. R. R. Littell. 502,595, Sept. 28; Serial No. 534,161.
Insecticides. Stauffer Chemical Company. 502,497–8, Sept. 28; Serial Nos. 531,530–1, published July 6, 1948.
Insecticides, ant sprays, ant powders, etc. Great Northern Chemical Co. 367,208, May 9, 1939. Republished Sept. 28.
Licorice in stick, tablet, and pearl form. Tur Hermanos. 247,217, renewed Sept. 25, 1948. O. G. Sept. 28.
Licorice product. MacAndrewes & Forbes Company. 502,535, Sept. 28; Serial No. 535,423, published June 29, 1948.
Liniment. D. E. Oglesby. 502,597, Sept. 28; Serial No. 541,170.
Liniment. Dr. Earl S. Sloan, Incorporated. 247,636, renewed Oct. 2, 1948. O. G. Sept. 28.
Lotion, deodorants, after shave lotion, etc., Before shave. Gourielli, Inc. 440,795, Sept. 28; Serial No. 512,739, published June 15, 1948.
Medicinal or pharmaceutical preparation. Wm. J. Schepp Co., Inc. 440,763, Sept. 28; Serial No. 491,932, published Apr. 30, 1946.
Medicinal preparation. Desbergers Limited. 502,532, Sept. 28; Serial No. 535,005, published June 6, 1948.
Medicinal preparation. Ozomulsion Company. 502,589, Sept. 28; Serial No. 547,273, published June 29, 1948.
Medicinal preparations. Reed & Carnrick. 262,414, Oct. 8, 1929. Republished Sept. 28.
Medicinal preparations. Vincent Christina & Company, Inc. 440,764, Sept. 28; Serial No. 492,487, published June 22, 1948.
Medicine and a saline cathartic, Proprietary. Occy-Crystine Corporation. 248,095, renewed Oct. 16, 1948. O. G. Sept. 28.
Medicine for rheumatism. Weldona Company. 124,173, Jan. 14, 1919. Republished Sept. 28.
Mint-alcohol. E. De Ricqles & Cie. 21,900, re-renewed Nov. 1, 1942. O. G. Sept. 28.
Nasal douche powder. Pierce's Proprietaries, Inc. 502,537, Sept. 28; Serial No. 535,618, published June 15, 1948.
Nasal ointments. Sinclair Pharmacal Co., Inc. 138,512, Dec. 28, 1920. Republished Sept. 28.
Nickel brightener. Hanson-Van Winkle-Munning Company. 502,520, Sept. 28; Serial No. 534,278, published June 15, 1948.
Nickel salts and nickel brightener. Hanson-Van Winkle-Munning Company. 502,519, Sept. 28; Serial No. 534,277, published June 15, 1948.
Olive oil, Sulphonated. Royce Chemical Company. 292,820, Mar. 29, 1932. Republished Sept. 28.
Penicillin and aluminum hydroxide gel with calcium carbonate, Composition of. William R. Warner & Co., Inc. 440,777, Sept. 28; Serial No. 505,540, published June 29, 1948.
Perfume. Andrew Jergens Company. 418,569. Jan. 1, 1946. Republished Sept. 28.
Perfume extract and toilet water. Houbigant, Inc. 157,343, Aug. 1, 1922. Republished Sept. 28.
Perfume, toilet water, face lotion, face powder, etc. Cheramy, Inc. 157,316, Aug. 1, 1922. Republished Sept. 28.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 181,408, Mar. 18, 1924. Republished Sept. 28.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 207,709, Jan. 5, 1926. Republished Sept. 28.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 234,458, Oct. 25, 1927. Republished Sept. 28.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 300,161. Jan. 10, 1933. Republished Sept. 28.
Perfume, toilet water, face powder, talcum powder, etc. Houbigant, Inc. 180,501, Mar. 4, 1924. Republished Sept. 28.
Perfumes and rouges. J. Desprez. 440,765, Sept. 28; Serial No. 494,040, published July 9, 1946.
Perfumes and toilet waters. F. N. Lewis. 244,645, renewed July 24, 1948. O. G. Sept. 28.
Perfumes and toilet waters. Parfum L'Orle, Inc. 440,804, Sept. 28; Serial No. 518,030, published July 6, 1948.
Perfumes, essences of perfumes, etc. A. L. van Ameringen. 245,404, renewed Aug. 14, 1948. O. G. Sept. 28.
Perfumes, toilet water, face powder, and talcum powder. Lentheric Incorporated. 249,644, renewed Nov. 20, 1948. O. G. Sept. 28.
Perfumes, toilet water, face powder, etc. Houbigant, Inc. 300,997. Feb. 14, 1933. Republished Sept. 28.
Perfumes, toilet waters, rouge, lipstick, etc. Les Parfums Norante, Societe a Responsabilite Limitee. 502,467, Sept. 28; Serial No. 528,493, published June 15, 1948.
Perfumes, toilet waters, sachet, etc. Parfumerie Houbigant. 141,389–92, Apr. 19, 1921. Republished Sept. 28.
Pharmaceutical preparations. Society of Chemical Industry in Basle. 142,139, renewed May 3, 1941. O. G. Sept. 28.
Pharmaceutical preparations. R. J. Strasenburgh Company. 412,405, Mar. 6, 1945. Republished Sept. 28.
Powders and compact rouges, lip sticks, eyebrow pencils, etc., Compact. I. Miller & Sons, Inc. 250,663, renewed Dec. 11, 1948. O. G. Sept. 28.
Preparation for the relief of hay fever, sinus, and colds. J. B. Baker. 502,443, Sept. 28; Serial No. 504,242, published July 22, 1948.
Preparation for the treatment of bowed tendons, etc. Oldham's Iodothine Co. 440,792, Sept. 28; Serial No. 509,441, published June 29, 1948.
Preparation for the treatment of coughs due to colds. Homo Distributing Co., Inc. 390,087, Sept. 9, 1941. Republished Sept. 28.
Preparation for the treatment of dandruff. Sulfa-Bay Company, Inc. 502,506, Sept. 28; Serial No. 532,173, published June 29, 1948.
Preparation for treatment to relieve excessive perspiration. W. Nelson. 243,214, renewed June 12, 1948. O. G. Sept. 28.
Reagent for the purpose of detecting the pressure of occult blood. Ames Company, Inc. 502,585, Sept. 28; Serial No. 544,686, published June 15, 1948.
Reagent tablet for the purpose of evaluating the sulphonamide level in body fluids. Ames Company, Inc. 502,586, Sept. 28; Serial No. 544,687, published June 15, 1948.
Remedies for catarrh, hay-fever, cold in the head, etc. T. N. Kenyon. 38,348, May 27, 1902. Republished Sept. 28.
Rochelle salt, senna leaves, epsom salts, etc. Brunswig Drug Company. 297,333, Sept. 13, 1932. Republished Sept. 28.

Sal soda, baking soda, and bicarbonate of soda. Church & Dwight Co., Inc. 502,457, Sept. 28; Serial No. 526,743, published June 29, 1948.
Sal soda, washing soda, and bicarbonate of soda (baking soda). Church & Dwight Co., Inc. 502,458, Sept. 28; Serial No. 526,745, published June 29, 1948.
Salve, tonic, and lotion. Marie Earle, Inc. 247,632, renewed Oct. 2, 1948. O. G. Sept. 28.
Scale solvent, Acid. Diversey Corporation. 502,453, Sept. 28; Serial No. 522,736, published June 22, 1948.
Shampoo, Liquid. La France Laboratories Inc. 147,124, Oct. 4, 1921. Republished Sept. 28.
Shock absorber oil, shock absorber fluid, compound for repairing radiator leaks, etc. Park Chemical Company. 440,766, Sept. 28; Serial No. 496,654, published Dec. 2, 1947.
Sizing agents for knitting yarns. E. F. Houghton & Co. 502,517, Sept. 28; Serial No. 533,578, published June 8, 1948.
Soda ash and caustic soda and modified forms. Diamond Alkali Company. 152,151, Feb. 21, 1922. Republished Sept. 28.
Sour, Laundry. Speare Supply Company, The. 407,518, June 6, 1944. Republished Sept. 28.
Spreader for insecticides. Stauffer Chemical Company. 502,501, Sept. 28; Serial No. 531,537, published July 6, 1948.
Starch, Powdered laundry. Faultless Starch Company. 51,025, Apr. 3, 1906. Republished Sept. 28.
Sulphur. Stauffer Chemical Company. 502,496, Sept. 28; Serial No. 531,528, published July 6, 1948.
Sulphur. Stauffer Chemical Company. 502,499–500, Sept. 28; Serial Nos. 531,535–6, published July 6, 1948.
Sulphur. Stauffer Chemical Company. 502,549, Sept. 28; Serial No. 536,845, published June 22, 1948.
Sulphur, sulphate of alumina, iron sulphate, and carbon bisulphide. Stauffer Chemical Company. 502,508, Sept. 28; Serial No. 532,368, published June 15, 1948.
Tablets containing thyroid for internal consumption. Clark & Clark. 403,769, Oct. 19, 1943. Republished Sept. 28.
Talcum powder, rouge, cold cream, etc. Cheramy, Inc. 155,640, June 6, 1922. Republished Sept. 28.
Toilet preparation, Semi-solid. H. S. Wellcome. 71,267, Nov. 10, 1908. Republished Sept. 28.
Tonic, Vegetable compound. M. G. Neumann. 331,113, Dec. 31, 1935. Republished Sept. 28.
Veterinary preparation. Puritan Laboratories, Inc. 440,775, Sept. 28; Serial No. 504,211, published June 29, 1948.
Vitamin capsules. Sears, Roebuck and Co. 440,831, Sept. 28; Serial No. 492,965, published July 22, 1948.

CLASS 7

Rope and cables, Wire. American Steel & Wire Company of New Jersey. 71,585, re-renewed Dec. 1, 1948. O. G. Sept. 28.

CLASS 8

Cigarette cases. Evans Case Co. 502,484, Sept. 28; Serial No. 530,485, published July 6, 1948.
Cigarette cases. Springfield Leather Products Company. 251,571, renewed Jan. 8, 1949. O. G. Sept. 28.
Cigarette package holders of plastic material. Skinner & Kennedy Company. 502,552, Sept. 28; Serial No. 537,249, published July 6, 1948.

CLASS 9

Blasting powder, Permissible. King Powder Company. 502,505, Sept. 28; Serial No. 532,031, published May 11, 1948.
Firearms. O. F. Mossberg & Sons, Inc. 440,820, Sept. 28; Serial No. 523,068, published June 1, 1948.
Firecrackers. R. D. Lyon. 502,533, Sept. 28; Serial No. 535,247, published June 8, 1948.
Fuse. Ensign-Bickford Company. 187,764–5, Aug. 12, 1924. Republished Sept. 28.
Fuse. Ensign-Bickford Company. 188,178, Aug. 19, 1924. Republished Sept. 28.
Fuse, Detonating. Ensign-Bickford Company. 345,773, May 4, 1937. Republished Sept. 28.
Fuses. Climax Fuse Co. 56,489, Oct. 2, 1906. Republished Sept. 28.
Fuses. Coast Manufacturing & Supply Co. 62,243, Apr. 30, 1907. Republished Sept. 28.
Fuses. Ensign-Bickford Company. 73,676, May 11, 1909. Republished Sept. 28.
Fuses. Ensign-Bickford Company. 73,678, May 11, 1909. Republished Sept. 28.
Fuses. Ensign-Bickford Company. 74,343, July 6, 1909. Republished Sept. 28.
Fuses. Ensign-Bickford Company. 102,388–9, Feb. 9, 1915. Republished Sept. 28.
Fuses. Ensign-Bickford Company. 102,391–3, Feb. 9, 1915. Republished Sept. 28.
Fuses. Ensign-Bickford Company. 104,286, May 18, 1915. Republished Sept. 28.
Ignition device. Ensign-Bickford Company. 385,372, Feb. 25, 1941. Republished Sept. 28.
Smokeless powder. Olin Industries, Inc. 502,462, Sept. 28; Serial No. 527,639, published June 8, 1948.

CLASS 10

Fertilizer, Inorganic. Farm Fertilizers, Inc. 502,495, Sept. 28; Serial No. 531,202, published June 1, 1948.
Fertilizer, Liquid plant food. Liquid Plant Food Company. 502,483, Sept. 28; Serial No. 530,325, published June 29, 1948.
Fertilizer, Organic. Union Stock Yards Company of Omaha, Ltd. 502,512, Sept. 28; Serial No. 532,889, published May 18, 1948.
Fertilizers, and chemical substances, Artificial and natural. B. R. Glaenzer. 502,441, Sept. 28; Serial No. 495,229, published May 4, 1948.

CLASS 11

Carbon black. Godfrey L. Cabot, Inc. 502,518, Sept. 28; Serial No. 534,088, published June 29, 1948.
Carbon paper. Horder's Incorporated. 366,162, Apr. 4, 1939. Republished Sept. 28.
Ribbons, etc., Adding, accounting, calculating, and typewriting machine. Stationers' Guild of America. 502,581, Sept. 28; Serial No. 541,375, published June 29, 1948.

CLASS 12

Bituminous material, High softening point. Ohio Oil Company. 502,529, Sept. 28; Serial No. 534,805, published June 22, 1948.
Brick and fire brick. Acme Brick Company. 502,472, Sept. 28; Serial No. 529,428, published June 22, 1948.
Brick and tile. Western Brick Company. 206,443, Dec. 1, 1925. Republished Sept. 28.
Bricks. Western Brick Company. 86,013, Apr. 2, 1912. Republished Sept. 28.
Building paper. Western Waxed Paper Company of Oregon. 258,930, July 16, 1929. Republished Sept. 28.
Buildings, portable buildings, knock-down buildings, etc., Readily erectable. Great Lakes Steel Corporation. 440,757, Sept. 28; Serial No. 476,099, published June 22, 1948.
Cement, iron cement, etc., Asbestos furnace. Rutland Fire Clay Co. 160,651, Oct. 24, 1922. Republished Sept. 28.
Cement, iron cement, etc., Asbestos furnace. Rutland Fire Clay Co. 163,759, Jan. 23, 1923. Republished Sept. 28.
Cement, Portland. Standard Portland Cement Company. 260,581, Aug. 27, 1929. Republished Sept. 28.
Construction material. Schumacher Wall Board Corporation. 248,241, renewed Oct. 16, 1948. O. G. Sept. 28.
Joint paste. W. R. Thurston. 248,283, renewed Oct. 16, 1948. O. G. Sept. 28.
Plaster for walls, Patching. Rutland Fire Clay Co. 159,754, Oct. 3, 1922. Republished Sept. 28.
Plaster for walls, Patching. Rutland Fire Clay Company. 324,155–6, May 14, 1935. Republished Sept. 28.
Refractory bricks, blocks, and grains. Corhart Refractories Company. 500,350, May 11, 1948. Corrected. O. G. Sept. 28.
Roofing, Felt. Stelwagon Manufacturing Company. 502,510, Sept. 28; Serial No. 532,653, published June 22, 1948.
Shingles and sidings. Tilo Roofing Company, Inc. 440,826, Sept. 28; Serial No. 524,633, published June 15, 1948.
Slates, tiles, plates, etc. Societe Francaise de l'Everite. 224,568–70, renewed Mar. 1, 1947. O. G. Sept. 28.
Stove lining, Plastic. Rutland Fire Clay Co. 152,978, Mar. 7, 1922. Republished Sept. 28.
Veneer board, Wood and paper. Chicago Mill and Lumber Company. 422,066, July 2, 1946. Republished Sept. 28.

CLASS 13

Angle irons, bed rail clips, bed rail fasteners, etc. National Lock Co. 419,976, Mar. 19, 1946. Republished Sept. 28.
Apparatus for preparing infusions. Automatic Grip-O-Lator Company. 268,715, Mar. 18, 1930. Republished Sept. 28.
Cocks, faucets, plumbing valve devices, etc. Cleveland Brass Manufacturing Company. 263,455, Nov. 5, 1929. New certificate. O. G. Sept. 28.
Fasteners of the slider-controlled type, Separable. Hookless Fastener Company. 250,113, renewed Nov. 27, 1948. O. G. Sept. 28.
Fasteners, Slider-controlled. North & Judd Manufacturing Company. 245,274, renewed Aug. 7, 1948. O. G. Sept. 28.
Hardware, Automobile body. Ternstedt Manufacturing Company. 244,392–3, renewed July 17, 1948. O. G. Sept. 28.
Valves and traps, Plumbing and steam fitting. Barnes & Jones, Incorporated. 295,523, July 5, 1932. Republished Sept. 28.

CLASS 14

Alloys in various forms. Eutectic Welding Alloys Corporation. 502,459, Sept. 28; Serial No. 526,926, published June 15, 1948.
Babbitt metal. Magnolia Metal Company. 502,447, Sept. 28; Serial No. 514,123, published June 8, 1948.
Castings, Steel. Z. V. S. Company. 502,554, Sept. 28; Serial No. 537,540, published June 29, 1948.
Copper in the form of wire bars, billets, etc. American Metal Company (Limited). 312,273, Apr. 24, 1934. Republished Sept. 28.

Frogs and crossings, Railroad. Cleveland Frog & Crossing Co. 502,479–80, Sept. 28; Serial Nos. 529,964–5, published June 8, 1948.
Hardware, Automobile body. Terstedt Manufacturing Company. 244,555, renewed July 24, 1948. O. G. Sept. 28.
Metal balls. National Supply Company. 136,878, Nov. 9, 1920. Republished Sept. 28.
Metal powders, and metal powders in paste form. Magna Manufacturing Co., Inc. 502,503, Sept. 28; Serial No. 531,816, published June 29, 1948.
Metal products. American Metal Company (Limited). 282,235, Apr. 14, 1931. Republished Sept. 28.
Metal products. American Metal Company (Limited). 283,049, May 12, 1931. Republished Sept. 28.
Rods and electrodes, Metal. Eutectic Welding Alloys Corporation. 502,460, Sept. 28; Serial No. 526,938, published June 8, 1948.
Rods and wires. Eutectic Welding Alloys Corporation. 502,469, Sept. 28; Serial No. 529,244, published June 8, 1948.
Sheets, cold rolled sheets, shapes, bars, etc., Hot rolled. Inland Steel Company. 502,450, Sept. 28; Serial No. 517,190, published June 1, 1948.
Sheets, strips, rails, etc. Inland Steel Company. 502,440, Sept. 28; Serial No. 494,272, published June 22, 1948.
Solder. Kester Solder Company. 502,470, Sept. 28; Serial No. 529,271, published June 22, 1948.
Steel. W. J. Holliday & Co. 502,493, Sept. 28; Serial No. 531,037, published June 8, 1948.
Steel bars of various shapes and sizes and on forgings, blocks, etc. Firth-Sterling Steel Company. 243,330, renewed June 19, 1948. O. G. Sept. 28.
Steel in bar, rod, rail, etc. Jno. Hy. Andrew & Co. Ld. 65,490, Oct. 8, 1907. Republished Sept. 28.
Steel, iron, brass, etc. Dodge Manufacturing Corporation. 245,508, renewed Aug. 14, 1948. O. G. Sept. 28.
Strip or sheet material, Metal. Superior Steel Corporation. 502,471, Sept. 28; Serial No. 529,422, published June 22, 1948.
Welding electrodes of the rod or wire type. McKay Company. 440,770, Sept. 28; Serial No. 499,422, published June 29, 1948.
Welding rods, Consumable metallic. Crucible Steel Company of America. 440,829, Sept. 28; Serial No. 525,550, published Nov. 18, 1947.
Wires, Corrosion resistant. Kenmore Metals Corporation. 440,808, Sept. 28; Serial No. 519,758, published June 29, 1948.

CLASS 15

Gasoline. Miller & Holmes, Inc. 385,302, Feb. 25, 1941. Republished Sept. 28.
Kerosene, gasoline, naphtha, etc. Macmillan Petroleum Products Company. 249,592, renewed Nov. 20, 1948. O. G. Sept. 28.
Oils and greases, Lubricating. Canfield Oil Company. 317,504, Sept. 25, 1934. Republished Sept. 28.

CLASS 16

Algin product. Kelco Company. 436,047, Sept. 23, 1947. Republished Sept. 28.
Algin product. Kelco Company. 440,783, Sept. 28; Serial No. 507,532, published May 25, 1948.
Linseed oil, turpentine, paint and enamel, etc. Western Auto Supply Company. 293,073, Apr. 5, 1932. Republished Sept. 28.
Paint enamel. Andrew Brown Company. 379,148, July 2, 1940. Republished Sept. 28.
Paint enamel. Western Auto Supply Company. 353,690, Jan. 11, 1938. Republished Sept. 28.
Paint enamel, asphalt roof paint, etc., Stovepipe. Rutland Fire Clay Co. 159,079, Sept. 19, 1922. Republished Sept. 28.
Paint thinner. P. L. Meadows. 416,943, Oct. 9, 1945. Republished Sept. 28.
Paints. Mason Paint Co., Inc. 423,278, Aug. 27, 1946. Republished Sept. 28.
Paints and paint enamel. C. A. Nash & Son, Inc. 392,220, Dec. 16, 1941. Republished Sept. 28.
Paints, etc., Dry, ready-mixed, and paste. Lehman Bros., Inc. 242,297, renewed May 22, 1948. O. G. Sept. 28.
Paints, paint enamels, lacquer, etc. House. Standard Industrial Products, Inc. 383,150, Nov. 26, 1940. Republished Sept. 28.
Paints, paint enamels, varnishes, etc., Ready-mixed. Western Auto Supply Company. 336,402, July 7, 1936. Republished Sept. 28.
Paints, varnishes, metallic lacquer, Ready-mixed. Standard Industrial Products, Inc. 382,445, Oct. 29, 1940. Republished Sept. 28.
Primer and finish coating for floors, Resinous, Plastic Engineering Corporation. 440,821, Sept. 28; Serial No. 523,205, published May 25, 1948.
Shellac, banana bronzing liquids, etc. Prepared. H. L. Greenbaum. 207,016, Dec. 15, 1925. Republished Sept. 28.
Wax and polish, Cleaner. Ken-Nite Company. 402,058, June 29, 1943. Republished Sept. 28.

CLASS 17

Cigars. Daniel Frank Company. 502,521, Sept. 28; Serial No. 534,426, published July 6, 1948.
Cigars. Federal Cigar Company, Inc. 248,633, renewed Oct. 23, 1948. O. G. Sept. 28.
Cigars. A. Sensenbrenner Sons. 502,582–3, Sept. 28; Serial Nos. 541,583–4, published July 6, 1948.
Cigars, cheroots, cigarettes, etc. D. Emil Klein Co., Inc. 502,477, Sept. 28; Serial No. 529,783, published July 6, 1948.
Cigars, cigarettes, and smoking tobacco. Cifuentes y Compañia. 440,817, Sept. 28; Serial No. 522,687, published July 6, 1948.

CLASS 19

Automobile heaters of the internal combustion type. Stewart-Warner Corporation. 344,788, Apr. 6, 1937. Republished Sept. 28.
Automobiles and motor-driven trucks. General Motors Corporation. 245,099, renewed Aug. 7, 1948. O. G. Sept. 28.
Bicycles, tricycles. Western Auto Supply Co. 289,563, Dec. 1, 1931. Republished Sept. 28.
Gears, Steering. International Motor Company. 328,409, Sept. 24, 1935. Republished Sept. 28.
Handling equipment, Material. Barrett-Cravens Company. 343,811, Mar. 9, 1937. Republished Sept. 28.
Seat covers for motor vehicles. Western Auto Supply Company. 419,362–3, Feb. 12, 1946. Republished Sept. 28.
Trucks and tractor trucks, Self-propelled commercial motor. International Motor Company. 303,673, June 6, 1933. Republished Sept. 28.
Trucks, Motor. International Motor Company. 291,095, Jan. 26, 1932. Republished Sept. 28.

CLASS 20

Mats and floor covering. Archer Rubber Products Co. Inc. 249,782, renewed Nov. 20, 1948. O. G. Sept. 28.

CLASS 21

Bells, buzzers, relays, etc., Electric. Signal Electric Manufacturing Co. 255,370, Apr. 23, 1929. Republished Sept. 28.
Cells, Electric. Societe Anonyme Le Carbone. 182,555, renewed Apr. 15, 1946. O. G. Sept. 28.
Control apparatus, Electric. Ward Leonard Electric Company. 348,307, July 20, 1937. Republished Sept. 28.
Control apparatus, Electric illumination. Ward Leonard Electric Company. 348,143, July 20, 1937. Republished Sept. 28.
Cooking stoves and electrical parts, etc., Electric. Electro-Master Company. 310,873, Mar. 13, 1934. Republished Sept. 28.
Dome lights and electric corner lights, Automobile electric. Ternstedt Manufacturing Company. 244,556, renewed July 24, 1948. O. G. Sept. 28.
Fluorescent lamps, electrical lighting fixtures, electrical appliances. American Fluorescent Lighting Corporation. 396,090, June 30, 1942. Republished Sept. 28.
Generator-brush holders, battery cables, generator housings. R. G. Lafite. 233,495, Oct. 4, 1927. Republished Sept. 28.
Lamps, Electric. P. E. Greenblat. 424,180, Sept. 24, 1946. Republished Sept. 28.
Lamps, Incandescent. Federal Distributing Company. 249,997, renewed Nov. 27, 1948. O. G. Sept. 28.
Radio receiving sets. Affiliated Retailers, Inc. 423,605, Sept. 3, 1946. Republished Sept. 28.
Radio receiving sets. W. J. Halligan. 322,050, Feb. 26, 1935. Republished Sept. 28.
Rheostats, electric illumination control apparatus, Electric. Ward Leonard Electric Company. 337,570, Aug. 11, 1936. Republished Sept. 28.
Spark plugs and spark plug porcelains. Western Auto Supply Company. 341,752, Dec. 22, 1936. Republished Sept. 28.
Storage batteries, Electrical. Vesta Accumulator Company. 69,872, re-renewed July 14, 1948. O. G. Sept. 28.
Switch handles, electric outlets, switch plates, etc., Electric. Arrow-Hart & Hegeman Electric Company. 335,050, May 19, 1936. Republished Sept. 28.

CLASS 22

Athletic and sporting goods. Ken-Wel Sporting Goods Co. Inc. 241,191, renewed Apr. 17, 1948. O. G. Sept. 28.
Bicycles, tricycles. Western Auto Supply Co. 289,563, Dec. 1, 1931. Republished Sept. 28.
Fishing reels and artificial fish baits. Fraser Reel and Specialty Company. 502,591, Sept. 28; Serial No. 518,396.
Roller skates. Chicago Roller Skate Company. 294,438–9, May 24, 1932. Republished Sept. 28.
Roller skates. Kohler Die & Specialty Company. 233,736, Oct. 11, 1927. Republished Sept. 28.
Trunk straps, woven razorstrops, woven skate straps, etc., Woven. Buffalo Weaving & Belting Company. 211,403, Apr. 13, 1926. Republished Sept. 28.

CLASS 23

Alarm-Whistles, Mechanical. Sireno Company. 70,228, rerenewed Aug. 11, 1948. O. G. Sept. 28.
Apparatus for the treatment of solids. Dorr Company. 248,626, Oct. 23, 1928. Republished Sept. 28.
Apparatus for the treatment of solids suspended in liquids. Dorr Company. 205,320, Nov. 3, 1925. Republished Sept. 28.

Apparatus for boarding, blocking, or setting the shape of articles. Paramount Textile Machinery Co. 378,112. May 28, 1940. Republished Sept. 28.
Blades, Safety razor. Marlin Firearms Company. 345,427, Apr. 27, 1937. Republished Sept. 28.
Chucks, Collet. Forst Brothers. 427,561, Feb. 11, 1947. Republished Sept. 28.
Conveyors of the adjustable boom type, Portable. Fairfield Engineering Company. 379,331, July 9, 1940. Republished Sept. 28.
Cutlery handles and picker sticks. Adams Plastics Co., Inc. 431,617. July 29, 1947. Republished Sept. 28.
Engines. Buda Company. 404,188, Nov. 9, 1943. Republished Sept. 28.
Fire extinguishing apparatus, Hand operated, portable, and stationary. American-La France and Foamite Corporation. 248,455, renewed Oct. 23, 1948. O. G. Sept. 28.
Hammers, mallets, and mauls. Greene, Tweed & Co. 313,729, June 5, 1934. Republished Sept. 28.
Handling equipment, Material. Barrett-Cravens Company. 343,811, Mar. 9, 1937. Republished Sept. 28.
Hoists. Chisholm & Moore Manufacturing Company. 65,207, re-renewed Sept. 10, 1947. O. G. Sept. 28.
Horns or alarms, Signal. Lovell-McConnel Manufacturing Company. 69,913, re-renewed July 14, 1948. O. G. Sept. 28.
Lug straps, loom straps, harness straps, etc. J. E. Rhoads & Sons. 227,553, May 10, 1927. Republished Sept. 28.
Milling machines, chucks and chuck attachments, etc. Birmingham Small Arms Company Limited. 70,339, re-renewed Aug. 25, 1948. O. G. Sept. 28.
Planers for metal working apparatus. William Sellers & Company, Incorporated. 386,827, Apr. 22, 1941. Republished Sept. 28.
Pneumatic tools. New Haven Vibrator Company, Inc. 333,894, Apr. 14, 1936. Republished Sept. 28.
Razors. Durham Safety Razor Co. 70,855, re-renewed Oct. 13, 1948. O. G. Sept. 28.
Saws, hatchets, claw-hatchets, etc. Boetticher & Kellogg Co. 98,123, July 7, 1914. Republished Sept. 28.
Tools, machines, and devices, Thread cutting. Oster Manufacturing Company. 70,024, July 21, 1908. Republished Sept. 28.
Vibrators and their controls, Hydraulic and pneumatic. Syntron Company. 415,309, Aug. 7, 1945. Republished Sept. 28.
Water-softening apparatus and parts therefor. Ward-Love Pump Corporation. 246,182, renewed Sept. 4, 1948. O. G. Sept. 28.
Wrenches and parts thereof. Greene, Tweed & Co. 178,287, Jan. 8, 1924. Republished Sept. 28.

CLASS 24

Covers and pads, Ironing-board. J. C. Penney Company. 245,668, renewed Aug. 21, 1948. O. G. Sept. 28.
Drying forms, Garment. Paramount Textile Machinery Co. 358,263, July 5, 1938. Republished Sept. 28.

CLASS 26

Alarm apparatus. Crescent Laboratories. 440,805, Sept. 28; Serial No. 518,520, published July 6, 1948.
Apparatus for revealing defects in metal members. Flannery Bolt Company. 412,045, Feb. 13, 1945. Republished Sept. 28.
Computing apparatus, Electrical. Dev-Ro Novelty Company, Not Inc. 440,814, Sept. 28; Serial No. 521,987, published July 6, 1948.
Controlling, indicating, and signalling apparatus, Automatic, electrically operated. Leeds & Northrup Company. 440,818, Sept. 28; Serial No. 522,797, published June 8, 1948.
Films, and slide film still pictures, Processed moving picture. Irena Film Studio. 440,774, Sept. 28; Serial No. 503,816, published July 6, 1948.
Frames, Spectacle. Victory Optical Manufacturing Company. 502,481, Sept. 28; Serial No. 530,133, published June 8, 1948.
Gas valves, etc., Thermostatically controlled. Lowell and Grayson Manufacturing Company. 432,481, Sept. 2, 1947. Republished Sept. 28.
Gauges and indicators, parts and fittings thereof, Liquid level. Reliance Gange Column Company. 502,476, Sept. 28; Serial No. 529,695, published June 6, 1948.
Instruments for determining the concentration of fatty materials in liquids. American Chemical Paint Company. 440,789, Sept. 28; Serial No. 509,263, published July 6, 1948.
Lens, Contact. G. J. Hellinger. 440,824, Sept. 28; Serial No. 524,188, published June 29, 1948.
Lenses, Photographic. Eastman Kodak Company. 502,474–5, Sept. 28; Serial Nos. 529,614–15, published June 15, 1948.
Machines for testing balance of tires. J. P. Lannen. 397,956, Sept. 29, 1942. Republished Sept. 28.
Measuring apparatus, Quantity. Bailey Meter Company. 356,669. May 10, 1938. Republished Sept. 28.
Meters, piston meters, disk meters, etc., Liquid. Worthington-Gamon Meter Company. 502,456. Sept. 28; Serial No. 526,728, published June 22, 1948.
Mount for telescopic gun sights. E. C. Herkner. 440,776, Sept. 28; Serial No. 505,496, published June 22, 1948.
Ophthalmic mountings. American Zyloptic Company, Incorporated. 440,797, Sept. 28; Serial No. 515,150, published July 6, 1948.
Ophthalmic mountings and parts thereof and optical viewing members or lenses. Versa-Lite Optical Corporation. 502,494, Sept. 28; Serial No. 531,165, published June 15, 1948.
Photographic equipment. Federal Manufacturing and Engineering Corp. 440,801, Sept. 28; Serial No. 517,565, published Jan. 27, 1948.
Screens, Motion picture. O. Hehn. 440,786, Sept. 28; Serial No. 508,907, published July 6, 1948.
Screw machine products. U. S. Automatic Corporation. 440,759, Sept. 28; Serial No. 486,015, published July 6, 1948.
Tape measures. Lufkin Rule Company. 502,487–90, Sept. 28; Serial No. 530,655–8, published June 15, 1948.
Tape measures. Lufkin Rule Company. 502,491, Sept. 28; Serial No. 530,660, published June 15, 1948.
Tape measures. Warren Featherbone Co. 502,486, Sept. 28; Serial No. 530,607, published June 15, 1948.

CLASS 28

Articles of jewelry. M. Wasilkoff. 244,674, renewed July 24, 1948. O. G. Sept. 28.
Holders, Collar. Baer & Wilde Co. 244,634, renewed July 24, 1948. O. G. Sept. 28.
Jewelry. Williams and Anderson Company. 313,752, June 5, 1934. Republished Sept. 28.
Jewelry, etc. Coro, Inc. 502,511, Sept. 28; Serial No. 532,690, published June 8, 1948.

CLASS 30

Flower pots. George Koch Sons, Inc. 376,478, Mar. 26, 1940. Republished Sept. 28.

CLASS 31

Filters, automatic sand filters, Automatic vacuum. Filtration Engineers, Incorporated. 429,458, Apr. 29, 1947. Republished Sept. 28.
Filters, automatic sand filters, etc., Automatic vacuum. Filtration Engineers, Incorporated. 428,805, Apr. 1, 1947. Republished Sept. 28.
Ice cream freezers. Conco Engineering Works. 337,982, Aug. 25, 1936. New certificate. O. G. Sept. 28.
Ice cream freezers. Conco Engineering Works. 341,872, Dec. 29, 1936. New certificate. O. G. Sept. 28.
Ice cream freezers. H. D. Conkey & Company. 362,760, Nov. 29, 1938. New certificate. O. G. Sept. 28.
Pumps, Fluid. Borg-Warner Corporation. 398,116, Oct. 13, 1942. Republished Sept. 28.
Refrigerators. Western Auto Supply Company. 419,533, Feb. 19, 1946. Republished Sept. 28.
Refrigerators, Electric. Norge Corporation. 274,963, Sept. 9, 1930. Republished Sept. 28.

CLASS 32

Chairs. Fort Massac Chair Company. 334,060, Apr. 21, 1936. Republished Sept. 28.
High chairs, rocking chairs, hardwood chairs, etc. Western Auto Supply Company. 416,624, Sept. 25, 1945. Republished Sept. 28.
Mattresses, beds, studio couches, sofas, etc. Gold Cross Mattress Corp. 430,036, June 3, 1947. Republished Sept. 28.
Smokers' stands on pedestals. Tubular Products Company. 240,673, Apr. 3, 1928. Republished Sept. 28.
Sofas and beds. Simmons Company. 382,488, Oct. 29, 1940. Republished Sept. 28.

CLASS 33

Glass. Pressed Prism Plate Glass Company. 282,997, May 12, 1931. Republished Sept. 28.
Glass, Sheet and picture. Semon Bache & Company. 429,166, Apr. 22, 1947. Republished Sept. 28.

CLASS 34

Burners and parts thereof, Oil. Borg-Warner Corporation. 329,697. Nov. 5, 1935. Republished Sept. 28.
Fuel burning devices, Liquid. Williams Oil-O-matic Heating Corporation. 239,830, Mar. 13, 1928. Republished Sept. 28.
Heaters, Liquid fuel combustion. Stewart-Warner Corporation. 415,329, Aug. 7, 1945. Republished Sept. 28.
Incinerator, Rubbish. Malleable Steel Range Mfg. Co. 288,055. Oct. 20, 1931. Republished Sept. 28.
Stoves, Coal, wood and gas cooking and heating. Keeley Stove Company. 172,839, Sept. 11, 1923. Republished Sept. 28.
Stoves, Coal, wood and gas cooking and heating. Keeley Stove Company. 175,783, Nov. 13, 1923. Republished Sept. 28.

CLASS 35

Belting and lacing, Leather. Bay State Belting Company. 502,540, Sept. 28; Serial No. 535,921, published June 22, 1948
Belting and leather packing, Leather. J. E. Rhoads & Sons. 56,567, Oct. 9, 1906. Republished Sept. 28.
Belting, Conveyor. Raybestos-Manhattan, Inc. 502,514, Sept. 28; Serial No. 533,378, published July 6, 1948.
Belting, Cotton. Buffalo Weaving & Belting Company. 181,231, Mar. 18, 1924. Republished Sept. 28.

Belting, Flat leather. J. E. Rhoads & Sons. 86,332, Apr. 30, 1912. Republished Sept. 28.
Belting, Flat leather. J. E. Rhoads & Sons. 136,909, Nov. 9, 1920. Republished Sept. 28.
Belting, Flat leather. J. E. Rhoads & Sons. 142,727, May 17, 1921. Republished Sept. 28.
Belting, Leather. Bay State Belting Company. 502,541, Sept. 28; Serial No. 535,922, published June 29, 1948.
Belting, Leather. Chicago Belting Company. 90,968, Apr. 8, 1913. Republished Sept. 28.
Belting, Leather. Chicago Belting Company. 137,570, Nov. 30, 1920. Republished Sept. 28.
Belting, Leather. Chicago Belting Company. 145,627, Aug. 16, 1921. Republished Sept. 28.
Belting, Leather. J. E. Rhoads & Sons. 145,187, July 26, 1921. Republished Sept. 28.
Belting, Leather. J. E. Rhoads & Sons. 252,893, Feb. 19, 1929. Republished Sept. 28.
Belting, packing and hose. Raybestos-Manhattan, Inc. 502,515, Sept. 28; Serial No. 533,381, published June 22, 1948.
Belts, Power transmission. Gates Rubber Company. 502,455, Sept. 28; Serial No. 526,661, published July 6, 1948.
Belts, Woven fabric. J. E. Rhoads & Sons. 230,737, Aug. 2, 1937. Republished Sept. 28.
Hose, fire hose, exhaust hose, etc., Air. Pioneer Rubber Mills. 440,779, Sept. 28; Serial No. 506,197, published Nov. 11, 1947.
Hose, Garden. Gates Rubber Company. 502,550, Sept. 28; Serial No. 537,169, published June 15, 1948.
Packing assemblies, Pump liner. Sterling Packing & Gasket Co. 502,547, Sept. 28; Serial No. 536,733, published June 15, 1948.
Packing, Machinery. Greene, Tweed & Co. 427,180, Jan. 28, 1947. Republished Sept. 28.
Packing, Rubber. Goodyear Tire & Rubber Company. 502,465, Sept. 28; Serial No. 528,451, published July 6, 1948.
Packing, Synthetic rubber. Chicago Belting Company. 388,786. July 8, 1941. Republished Sept. 28.
Packings for wearing and bearing parts of machines and mechanical devices. Greene, Tweed & Co. 191,881, Nov. 18, 1924. Republished Sept. 28.
Packings of all kinds, Machinery. Greene, Tweed & Co. 362,452, Nov. 15, 1938. Republished Sept. 28.
Piston rings. Perfect Circle Corporation. 502,555–6, Sept. 28; Serial Nos. 537,613–14, published June 15, 1948.
Piston rings and oil sealing rings. Perfect Circle Corporation. 502,546, Sept. 28; Serial No. 536,442, published June 15, 1948.
Tires and inner tubes therefor, Pneumatic vehicle. Spiegel, May, Stern Company, Incorporated. 333,822, Apr. 7, 1936. Republished Sept. 28.
Tires and inner tubes therefor, Pneumatic vehicle. Spiegel, May, Stern Company, Incorporated. 333,964, Apr. 14, 1936. Republished Sept. 28.
Tires, Vehicle. Arnold, Schwinn & Co. 440,782, Sept. 28; Serial No. 506,977, published June 29, 1948.
Tires, Vehicle. Corduroy Rubber Company. 502,544, Sept. 28; Serial No. 536,052, published July 6, 1948.
Tubes, Inner. Kelly-Springfield Tire Company. 502,509, Sept. 28; Serial No. 532,611, published June 22, 1948.
Valves, non-metallic piston rings, Pump. Stewart R. Browne Mfg. Co., Inc. 502,542, Sept. 28; Serial No. 535,930, published June 22, 1948.

CLASS 36

Cymbals. Fred Gretsch Mfg. Co. 228,592, June 7, 1927. Republished Sept. 28.
Phonographs. Universal Camera Corporation. 440,769, Sept. 28; Serial No. 498,957, published May 27, 1947.
Pianos. W. W. Kimball Company. 502,473, Sept. 28; Serial No. 529,473, published July 6, 1948.
Pianos. Kohler & Campbell. 69,228, re-renewed May 26, 1948. O. G. Sept. 28.
Pianos. Kohler & Campbell, Inc. 310,866, Mar. 13, 1934. Republished Sept. 28.
Pianos. Kohler & Campbell, Inc. 310,869. Mar. 13, 1934. Republished Sept. 28.
Pianos. Kohler & Campbell, Inc. 433,041–2, Sept. 23, 1947. Republished Sept. 28.

CLASS 37

Brush and rubber eraser, Combination. A. W. Faber, Inc. 426,634, Jan. 7, 1947. Republished Sept. 28.
Covers for papers. Horder's, Incorporated. 371,322, Sept. 19, 1939. Republished Sept. 28.
Crepe paper. Tuttle Press Company. 203,650, Sept. 22, 1925. Republished Sept. 28.
Crepe paper. Tuttle Press Company. 228,671, June 7, 1927. Republished Sept. 28.
Crepe paper, Florists'. Tuttle Press Company. 209,486, Feb. 23, 1926. Republished Sept. 28.
Invoices, statements, ledger leaves. Democrat Printing & Lithographing Company. 408,903, Sept. 5, 1944. Republished Sept. 28.
Loose-leaf devices. Horder's, Incorporated. 189,531, Sept. 23, 1924. Republished Sept. 28.
Mountings, Photographic corner. Mounties, Inc. 410,371, Nov. 21, 1944. Republished Sept. 28.
Paper and waxed paper, Waxed wrapping. Warren Manufacturing Company. 247,157, renewed Sept. 18, 1948. O. G. Sept. 28.
Paper, waxed paper, cleansing tissue, etc., Toilet. Badger Paper Company. 386,744, Apr. 22, 1941. Republished Sept. 28.
Paper with glazed, plaited, or embossed finish, etc., Coated. Reversible Collar Company. 312,160, Apr. 17, 1934. Republished Sept. 28.
Paper, writing tablets, and pads, etc., Writing. American News Company. 68,717, re-renewed Apr. 28, 1948. O. G. Sept. 28.
Pencils and leads, Lead. Horder's, Incorporated. 336,254, June 30, 1936. Republished Sept. 28.
Pencils and rubber erasers. A. W. Faber, Inc. 323,266, Apr. 9, 1935. Republished Sept. 28.
Pencils, crayon pencils, ink pencils, etc., Lead. A. W. Faber, Inc. 347,027, June 15, 1937. Republished Sept. 28.
Pencils, crayon pencils, ink pencils, etc., Lead. A. W. Faber, Inc. 368,271, June 13, 1939. Republished Sept. 28.
Pencils, ink pencils, and crayon pencils, etc., Lead. A. W. Faber, Inc. 366,725, Apr. 25, 1939. Republished Sept. 28.
Pencils, Wood encased lead. A. W. Faber, Inc. 420,857, May 7, 1946. Republished Sept. 28.
Remover made in the form of paper napkins, Cold cream. San-Nap-Pak Manufacturing Company, Inc. 267,038, Feb. 11, 1930. Republished Sept. 28.
Tissues of paper, Face powder, dusting powder, perfume, and face. Marie Earle, Inc. 249,004, renewed Nov. 6, 1948. O. G. Sept. 28.

CLASS 38

Magazines Popular Science Publishing Co., Inc. 367,611, May 23, 1939. Amended. O. G. Sept. 28.
Newspaper, Weekly. Grit Publishing Company. 202,231, Aug. 18, 1925. Republished Sept. 28.
Periodical. Confectioners' Journal Publishing Co., Inc. 61,437, Mar. 19, 1907. Republished Sept. 28.
Periodical. Simmons-Boardman Publishing Co. 249,761, renewed Nov. 20, 1948. O. G. Sept. 28.
Publication, Monthly Natamsa Publishing Company, Inc. 232,434, Sept. 6, 1927. Republished Sept. 28.
Publication, Monthly trade. Squirt Company. 390,686, Sept. 30, 1941. Republished Sept. 28.

CLASS 39

Aprons, Women's and misses' textile. L. Nachman & Sons. 407,802, June 27, 1944. Republished Sept. 28.
Boots and shoes, Leather and rubber. Endicott Johnson Corporation. 233,079–81, Sept. 20, 1927. Republished Sept. 28.
Boots and shoes, Men's and boys' leather and canvas. E. T. Wright & Company, Inc. 287,189, Sept. 15, 1931. Amended. O. G. Sept 28
Boots, shoes, slippers, and sandals, etc. Perth Shoe Company Limited. 308,909, Dec. 26, 1933. Republished Sept. 28.
Boots, shoes, slippers, etc. Perth Shoe Company Limited. 301,752, Mar. 14, 1933. Republished Sept. 28.
Caps, boudoir caps, Children's. S. Blechman & Sons, Inc. 251,113, renewed Dec. 25, 1948. O. G. Sept. 28.
Coats, leather vests, leather helmets and caps, etc., Leather. Endicott Johnson Corporation. 251,150, renewed Jan. 1, 1949. O. G. Sept. 28.
Coats, trousers, etc., Men's and boys' suits. Stein Brothers. 409,560, Oct. 10, 1944. Republished Sept. 28.
Collars, cuffs, and bosoms. Reversible Collar Company. 204,861, Oct. 27, 1925. Republished Sept. 28.
Collars, cuffs, and shirt-bosoms. Reversible Collar Company. 128,161, Dec. 23, 1919. Republished Sept. 28.
Corsets. Julius Garfinkle. 70,100, re-renewed July 28, 1948. O. G. Sept. 28.
Corsets. Mastercraft Specialties, Inc. 352,025, Nov. 16, 1937. Republished Sept. 28.
Dresses, women's suits, waists, etc., Women's. Benal Dress Co., Inc. 429,917, May 27, 1947. Amended. O. G. Sept. 28.
Garments for ladies and children. Weil-Kalter Mfg. Co. 364,758, Feb. 14, 1939. Republished Sept. 28.
Garments for women and misses. Weil-Kalter Manufacturing Company. 421,966, June 25, 1946. Republished Sept. 28.
Garters, arm bands, and suspenders. Gem-Dandy Garter Co. 247,541, renewed Oct. 2, 1948. O. G. Sept. 28.
Gloves and gloves of combined leather and fabric, Fabric. Wells-Lamont-Smith Corporation. 346,263, May 18, 1937. Republished Sept. 28.
Gloves and mittens, Leather and fabric. Wells-Lamont Manufacturing Company. 124,275, Jan. 28, 1919. Republished Sept. 28.
Gloves of leather, Work. Wells-Lamont-Smith Corporation. 322,377, Mar. 5, 1935. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 303,697, June 6, 1933. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 324,700, May 28, 1935. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 324,702, May 28, 1935. Republished Sept. 28.

Gloves, Work. Wells-Lamont-Smith Corporation. 355,403, Mar. 15, 1938. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 377,222, Apr. 23, 1940. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 379,012, June 25, 1940. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 379,029, June 25, 1940. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 380,631, Aug. 27, 1940. Republished Sept. 28.
Gloves, Work. Wells-Lamont-Smith Corporation. 382,972, Nov. 19, 1940. Republished Sept. 28.
Gloves, Work. Wells Lamont Smith Corporation. 388,057, June 10, 1941. Republished Sept. 28.
Gloves, Work. Wells Lamont Smith Corporation. 388,726, July 8, 1941. Republished Sept. 28.
Gloves, Work. Wells Lamont Smith Corporation. 404,241, Nov. 16, 1943. Republished Sept. 28.
Gloves, Work. Wells Lamont Smith Corporation. 406,515, Apr. 11, 1944. Republished Sept. 28.
Handkerchief. International Manufacturing Co. 70,885–6, re-renewed Oct. 13, 1948. O. G. Sept. 28.
Handkerchiefs. International Manufacturing Co. 71,966–7, re-renewed Dec. 22, 1948. O. G. Sept. 28.
Handkerchiefs, belts for outer wear, suspenders, etc. Handkerchief Corporation of America. 419,312, Feb. 12, 1946. Republished Sept. 28.
Hats, Men's. Byer-Rolnick Co. 394,759, Apr. 28, 1942. Republished Sept. 28.
Hosiery. Hanes Hosiery Mills Company. 245,095, renewed Aug. 7, 1948. O. G. Sept. 28.
Hosiery. Mock, Judson, Voehringer Co., Inc. 271,418, June 3, 1930. Republished Sept. 28.
Hosiery. Mock, Judson, Voehringer Co., Inc. 305,698, Aug. 22, 1933. Republished Sept. 28.
Hosiery. National Silk Hosiery Mills, Inc. 379,447, July 9, 1940. Republished Sept. 28.
Hosiery. Neumode Hosiery Co. 313,618–19, June 5, 1934. Republished Sept. 28.
Hosiery. Neumode Hosiery Co. 315,271, July 24, 1934. Republished Sept. 28.
Hosiery, undershirts, pants, etc. N. Corah & Sons Limited. 246,387, renewed Sept. 4, 1948. O. G. Sept. 28.
Leggings, overgaiters, felt, and leather slippers, etc. Wiley-Bickford-Sweet Corp. 440,791, Sept. 28; Serial No. 509,383, published June 1, 1948.
Mittens, Ladies' wool-lined leather. Glovecraft, Inc. 392,126, Dec. 9, 1941. Republished Sept. 28.
Neckties. Hollyvogue Ties. 421,052, May 14, 1946. Republished Sept. 28.
Neckties, Men's. Goldman, Simmons & Co. 214,843, July 6, 1926. Republished Sept. 28.
Neckties, Men's. Hollyvogue Ties. 427,701, Feb. 18, 1947. Republished Sept. 28.
Neckties, Men's. Wilson Brothers. 362,157, Nov. 15, 1938. Republished Sept. 28.
Neckties, Men's. Wilson Brothers. 362,160, Nov. 15, 1938. Republished Sept. 28.
Neckties, Men's. Wilson Brothers. 383,849, Dec. 24, 1940. Republished Sept. 28.
Nightshirts, pajamas, and smoking-jackets. Paragon Company. 71,834, re-renewed Dec. 15, 1938. O. G. Sept. 28.
Overcoats, Men's. Hickey-Freeman Company. 245,236, renewed Aug. 7, 1948. O. G. Sept. 28.
Panties, Ladies'. A. H. Schreiber Co. 400,898, Apr. 6, 1943. Republished Sept. 28.
Shirts, blouses, pajamas, etc., Negligee and dress. S. Liebovitz & Sons, Inc. 249,039, renewed Nov. 6, 1948. O. G. Sept. 28.
Shirts, tee and sweat shirts, undershirts and shorts, etc., Men's and boys' dress, work and sport. Marlboro Shirt Co., Inc. 440,768, Sept. 28; Serial No. 498,910, published June 1, 1948.
Shirts, work shirts, and sport shirts, and pants, Dress. Southern Manufacturing Company. 373,354, Dec. 5, 1939. Republished Sept. 28.
Shoes. Endicott Johnson Corporation. 381,644, Oct. 1, 1940. Republished Sept. 28.
Shoes. H. C. Godman Company. 241,181, renewed Apr. 17, 1948. O. G. Sept. 28.
Shoes. Ideal Shoe Mfg. Co. 245,212, renewed Aug. 7, 1948. O. G. Sept. 28.
Shoes, Children's and growing girls'. Julian and Kokenge Company. 358,791, July 26, 1938. Republished Sept. 28.
Shoes, Girls' and misses'. Endicott Johnson Corporation. 413,157, Apr. 10, 1945. Republished Sept. 28.
Shoes, Leather. Ideal Shoe Mfg. Co. 246,318, renewed Sept. 4, 1948. O. G. Sept. 28.
Shoes, Men's, women's, and children's. J. O. Steele. 245,292, renewed Aug. 7, 1948. O. G. Sept. 28.
Shoes, Women's. Consolidated Shoe Corporation. 381,581, Oct. 1, 1940. Republished Sept. 28.
Shoes, Women's. Endicott Johnson Corporation. 385,024, Feb. 11, 1941. Republished Sept. 28.
Shoes, Women's, misses' and children's. J. J. Grover's Sons Company. 214,899, July 6, 1926. Republished Sept. 28.
Soles, half soles, and hand leathers, Whole. J. E. Rhoads & Sons. 227,554, May 10, 1927. Republished Sept. 28.
Stockings. Wayne Knitting Mills. 371,987–9, Oct. 17, 1939. Republished Sept. 28.
Suits, Men's. Hickey-Freeman Company. 250,286, renewed Dec. 4, 1948. O. G. Sept. 28.
Suits, Men's. Hickey-Freeman Company. 251,048–9, renewed Dec. 25, 1948. O. G. Sept. 28.
Suits, overcoats, topcoats and trousers, Men's. I. Grossman. 304,362, July 4, 1933. Republished Sept. 28.
Topcoats and overcoats, Men's. Hickey-Freeman Company. 246,858, renewed Sept. 18, 1948. O. G. Sept. 28.
Topcoats and overcoats, Men's. Stein Brothers. 396,193, June 30, 1942. Republished Sept. 28.
Trousers. Day's Tailor-D Wear, Inc. 246,938, renewed Sept. 14, 1948. O. G. Sept. 28.
Trousers, suits, knickers, etc. Day's Tailor-D Wear, Inc. 249,724, renewed Nov. 20, 1948. O. G. Sept. 28.
Undergarments, Women's combination. H. W. Gossard Co. 249,499, renewed Nov. 13, 1948. O. G. Sept. 28.
Underwear, shoes, hosiery, etc., Ladies' knitted. McGreevey, Werring & Howell, Inc. 245,368, renewed Aug. 14, 1948. O. G. Sept. 28.
Uniforms. Morris Press. 383,621, Dec. 17, 1940. Republished Sept. 28.
Uniforms and women's, children's, and misses' dresses and aprons, Nurses'. Jacobs Brothers, Incorporated. 246,638, renewed Sept. 11, 1948. O. G. Sept. 28.
Uniforms, Women's. White Rock Uniform Company. 382,844, Nov. 12, 1940. Republished Sept. 28.
Wearing apparel for boys and girls. A. G. Kingston. 306,536, Sept. 19, 1933. Republished Sept. 28.

CLASS 40

Bias tape (all kinds), camisole tape, collar bands, etc. J. C. Penney Company. 245,918, renewed Aug. 28, 1948. O. G. Sept. 28.
Bias tape, camisole tape, collar bands, etc. J. C. Penney Company. 246,024, renewed Aug. 28, 1948. O. G. Sept. 28.
Moccasin laces and shoe strings. J. E. Rhoads & Sons. 227,420, May 3, 1927. Republished Sept. 28.
Pins, Common and safety. Scovill Manufacturing Company. 247,365, renewed Sept. 25, 1948. O. G. Sept. 28.
Piping and bias binding. Ladin Sales Co. 276,539, Oct. 21, 1930. Republished Sept. 28.

CLASS 41

Canes, parasols, and umbrellas. I. Miller & Sons, Inc. 249,658, renewed Nov. 20, 1948. O. G. Sept. 28.

CLASS 42

Bedspread basecloth, Cotton. Marshall Field & Company. 502,478, Sept. 28; Serial No. 529,904, published June 29, 1948.
Blankets not in the piece, Woolen. Thomas Ratcliffe & Company, Limited. 341,619, Dec. 15, 1936. Republished Sept. 28.
Carpeting, Textured. Oriental Rug Cushion Co., Inc. 502,577, Sept. 28; Serial No. 540,860, published July 6, 1948.
Carpets and rugs. Bigelow-Sanford Carpet Co., Inc. 502,539, Sept. 28; Serial No. 539,629, published June 22, 1948.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 502,567, Sept. 28; Serial No. 540,466, published June 29, 1948.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 502,568, Sept. 28; Serial No. 540,469, published June 29, 1948.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 502,569, Sept. 28; Serial No. 540,471, published July 6, 1948.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 502,570, Sept. 28; Serial No. 540,472, published June 29, 1948.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 502,571, Sept. 28; Serial No. 540,473, published July 6, 1948.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 502,572, Sept. 28; Serial No. 540,474, published June 29, 1948.
Carpets and rugs. M. J. Whittall Associates, Inc. 440,822, Sept. 28; Serial No. 523,302, published June 29, 1948.
Carpets and rugs. M. J. Whittall Associates, Inc. 440,823, Sept. 28; Serial No. 523,440, published June 22, 1948.
Coverings, in the piece, Mattress and upholstery. Blumenthal Print Works. 380,189, Aug. 13, 1940. Republished Sept. 28.
Crash toweling, Cotton. Boott Mills. 126,184, July 29, 1919. Republished Sept. 28.
Curtains, draperies, and bedspreads, Window. Bangor Mills, Inc. 427,078, Jan. 28, 1947. Republished Sept. 28.
Curtains, Scrim sash. Boott Mills. 223,913, Feb. 15, 1927. Republished Sept. 28.
Dress goods in the piece, Woolen. Atlantic Mills. 233,562, Oct. 4, 1927. Republished Sept. 28.
Fabric, Flannel. Botany Mills, Inc. 502,573, Sept. 28; Serial No. 540,637, published July 6, 1948.
Fabrics in the piece. Wullschleger & Co. 440,756, Sept. 28; Serial No. 471,728, published June 22, 1948.
Fabrics in the piece, Wool and woolen. Lorraine Manufacturing Company. 502,452, Sept. 28; Serial No. 520,953, published June 15, 1948.

Fabrics in the piece, Woolen. Terhune, Yearance & Wolff, Inc. 287,088, Sept. 15, 1931. Republished Sept. 28.
Fabrics and ribbons, draperies, blankets, etc. G. Paret. 440,778, Sept. 28; Serial No. 505,641, published June 29, 1948.
Fabrics, Nylon. Malibu Fabrics, Inc. 440,793, Sept. 28; Serial No. 511,345, published Oct. 14, 1947.
Fabrics, Woolen and worsted. Miron Mills, Inc. 502,558, Sept. 28; Serial No. 539,425, published July 6, 1948.
Fabrics, Woolen and worsted. John Walther Fabrics, Inc. 502,557, Sept. 28; Serial No. 539,108, published June 22, 1948.
Fabrics, Woven cotton. Roanoke Mills Company. 244,074, renewed July 10, 1948. O. G. Sept. 28.
Goods in the piece, Cotton. Erwin Cotton Mills Company. 502,523, Sept. 28; Serial No. 534,614, published July 6, 1948.
Goods in the piece, Woolen. Worumbo Manufacturing Company. 250,660, renewed Dec. 11, 1948. O. G. Sept. 28.
Laces. Native Laces & Textiles, Incorporated. 440,813, Sept. 28; Serial No. 520,885, published Nov. 11, 1947.
Overcoating and woolen suiting in the piece, Woolen. Appleton Woolen Mills. 238,777, Feb. 14, 1948. Republished Sept. 28.
Piece goods. Clifton Manufacturing Company. 502,464, Sept. 28; Serial No. 528,336, published June 15, 1948.
Piece goods. A. D. Juilliard & Co., Inc. 502,513, Sept. 28; Serial No. 533,168, published June 29, 1948.
Piece goods and blankets, Woolen. Seymour Woolen Mills. 502,454, Sept. 28; Serial No. 526,526, published June 15, 1948.
Piece goods and blended combinations thereof, Cotton, rayon, silk, wool, and nylon. Marcus Brothers Textile Corp. 502,562, Sept. 28; Serial No. 539,724, published June 22, 1948.
Piece goods and textile fabrics, Cotton, rayon, and woolen. Brenda Fabrics, Inc. 502,566, Sept. 28; Serial No. 540,374, published July 6, 1948.
Piece goods, Cotton. Boott Mills. 116,815, May 29, 1917. Republished Sept. 28.
Piece goods, Cotton. Canton Cotton Mills. 502,548, Sept. 28; Serial No. 536,760, published June 29, 1948.
Piece goods, Cotton. Glen Raven Cotton Mills. 279,711, Jan. 20, 1931. Republished Sept. 28.
Piece goods, Cotton and/or silk. Cohn-Hall-Marx Co. 334,050, Apr. 21, 1936. Republished Sept. 28.
Piece goods, Cotton, rayon, and linen. Moreno Textiles Inc. 440,781, Sept. 28; Serial No. 506,542, published July 6, 1948.
Piece goods of cotton, rayon, and alpaca. Robinson & Golluber. 244,854, renewed July 31, 1948. O. G. Sept. 28.
Piece goods of rayon, cotton, wool, etc. Loomskill Fabrics, Inc. 502,592, Sept. 28; Serial No. 522,050.
Piece goods of silk and rayon, Velvet. F. Ducharne Silk Co., Inc. 225,557, renewed Mar. 22, 1947. O. G. Sept. 28.
Piece goods of wool, cotton, rayon, etc. Cohn-Hall-Marx Co. 502,579, Sept. 28; Serial No. 541,262, published July 6, 1948.
Piece goods, Rayon. Cantor-Greenspan Co. Inc. 502,560, Sept. 28; Serial No. 539,652, published June 22, 1948.
Piece goods, Rayon. Cantor-Greenspan Co. Inc. 502,561, Sept. 28; Serial No. 539,653, published June 15, 1948.
Piece goods, Silk. Bianchini, Ferier, Inc. 502,578, Sept. 28; Serial No. 540,976, published June 29, 1948.
Piece-goods, Silk, wool, cotton, and rayon. Mouakad Bros. Inc. 369,239, July 18, 1939. Republished Sept. 28.
Piece-goods, Silk, wool, cotton, and rayon. Mouakad Bros., Inc. 373,034, Nov. 21, 1939. Republished Sept. 28.
Piece-goods, Silk, wool, cotton, and rayon. Mouakad Bros. Inc. 382,119, Oct. 15, 1940. Republished Sept. 28.
Piece-goods, Silk, wool, cotton, and rayon. Mouakad Bros., Inc. 403,969, Oct. 26, 1943. Republished Sept. 28.
Piece goods, Textile. Trüd & Co. 440,787, Sept. 28; Serial No. 508,940, published June 29, 1948.
Piece goods, Woolen. A. D. Ellis Mills Incorporated. 502,580, Sept. 28; Serial No. 541,270, published July 6, 1948.
Piece goods, Woolen. Forstmann & Huffmann Company. 244,244, renewed July 17, 1948. O. G. Sept. 28.
Piece goods, Woolen. Forstmann & Huffmann Company. 244,275, renewed July 17, 1948. O. G. Sept. 28.
Piece goods, Woolen. Forstmann & Huffmann Company. 244,332, renewed July 17, 1948. O. G. Sept. 28.
Piece goods, Woolen. Forstmann & Huffmann Company. 244,335, renewed July 17, 1948. O. G. Sept. 28.
Piece goods, Woolen. Forstmann & Huffmann Company. 244,982, renewed July 31, 1948. O. G. Sept. 28.
Rugs. Marshall Field & Company. 502,482, Sept. 28; Serial No. 530,301, published June 22, 1948.
Rugs, Knitted. Quaker Maid Mills, Inc. 502,565, Sept. 28; Serial No. 540,316, published July 6, 1948.
Sheeting or films, Plastic. Heribert, Inc. 440,803, Sept. 28; Serial No. 517,996, published June 29, 1948.
Sheeting, Plastic vinyl. Dusil-Wallace and Company. 502,576, Sept. 28; Serial No. 540,798, published July 6, 1948.
Sheeting, sheets, and pillow cases. Naumkeag Steam Cotton Company. 440,761, Sept. 28; Serial No. 490,762, published June 22, 1948.
Sheetings, Bed. Erwin Cotton Mills Company. 502,525, Sept. 28; Serial No. 534,616, published June 29, 1948.
Sheetings, drills, and suitings. J. P. Stevens & Co., Inc. 502,574, Sept. 28; Serial No. 540,734, published July 6, 1948.
Sheets and pillow cases. Wamsutta Mills. 502,575, Sept. 28; Serial No. 540,746, published July 6, 1948.
Sheets and pillow cases and cotton goods in the piece, Bed. Erwin Cotton Mills Company. 502,524, Sept. 28; Serial No. 534,615, published June 29, 1948.
Sheets, pillow cases, and cotton piece goods, Bed. Erwin Cotton Mills Company. 502,526, Sept. 28; Serial No. 534,617, published June 29, 1948.
Textile bagging material in the piece. Mente & Co., Inc. 287,015, Sept. 8, 1931. Republished Sept. 28.
Textile fabrics in the piece, Woolen. Atlantic Mills. 233,498, Oct. 4, 1927. Republished Sept. 28.
Textile material provided with a flexible waterproof coating. Keratol Company. 31,907, Aug. 30, 1898. Republished Sept. 28.
Textile rugs and carpets. M. J. Whittall. 103,458, Apr. 6, 1915. Republished Sept. 28.
Towels. Boott Mills. 370,427, Aug. 29, 1939. Republished Sept. 28.
Towels and toweling. Boott Mills. 195,830, Mar. 3, 1925. Republished Sept. 28.
Towels and toweling. Startex Mills. 440,762, Sept. 28; Serial No. 491,593, published July 6, 1948.

CLASS 44

Back rests, Canvas and metal. Abbey Rents. 440,758, Sept. 28; Serial No. 482,774, published July 6, 1948.
Bandages, Plaster. Lüscher & Bömper A.-G. 250,633, renewed Dec. 11, 1948. O. G. Sept. 28.
Bedpans. Columbian Enameling & Stamping Co. 245,125, renewed Aug. 7, 1948. O. G. Sept. 28.
Bottles, Hot water. National Package Drugs, Inc. 502,551, Sept. 28; Serial No. 537,221, published July 6, 1948.
Dental appliance assemblies sold as units. Ritter Dental Manufacturing Company, Inc. 250,015–16, renewed Nov. 27, 1948. O. G. Sept. 28.
Denture pads. G. D. Stoner. 502,564, Sept. 28; Serial No. 540,121, published July 6, 1948.
Diagnostic instruments, etc., Electrically-lighted. American Cystoscope Makers, Inc. 71,197, re-renewed Nov. 10, 1948. O. G. Sept. 28.
Hammer attachments for dental hand pieces. M. Staunt. 502,502, Sept. 28; Serial No. 531,736, published June 22, 1948.
Impervious sheeting for general medical and hospital use. B. F. Goodrich Company. 440,784, Sept. 28; Serial No. 507,902, published July 6, 1948.
Medical and surgical instruments, apparatus, and parts thereof. E. F. Mahady Company. 247,283, Sept. 25, 1928. Republished Sept. 28.
Medical device. Goodman-Kleiner Co., Inc. 440,811–12, Sept. 28; Serial Nos. 520,803–4, published July 6, 1948.
Nasal douche. Kress & Owen Company. 502,530, Sept. 28; Serial No. 534,897, published July 6, 1948.
Nursing bottles. W. M. Decker. 48,455, Jan. 2, 1906. Republished Sept. 28.
Oxygen therapy equipment and accessories including parts thereof. Oxygen Equipment & Service Co. 502,563, Sept. 28; Serial No. 539,896, published July 6, 1948.
Pads, Chemically-heated. L. R. Worth. 440,816, Sept. 28; Serial No. 522,215, published Jan. 6, 1948.
Regulators, Oxygen therapy. Linde Air Products Company. 440,772, Sept. 28; Serial No. 500,231, published July 6, 1948.
Sanitary nankins. Affiliated Retailers, Inc. 424,011, Sept. 17, 1946. Republished Sept. 28.
Sanitary napkins. International Cellucotton Products Company. 502,507, Sept. 28; Serial No. 532,233, published July 6, 1948.
Sanitary napkins, Women's. J. C. Penney Company. 241,791, renewed May 8, 1948. O. G. Sept. 28.
Supports for the arches and other parts of the feet. Arrowsmith Manufacturing Company. 247,452, renewed Sept. 25, 1948. O. G. Sept. 28.
Surgical dressings. Affiliated Retailers, Inc. 424,010, Sept. 17, 1946. Republished Sept. 28.
Teeth, tooth facings, and tooth backings, Artificial. Columbus Dental Manufacturing Co. 244,109, renewed July 10, 1948. O. G. Sept. 28.

CLASS 45

Bases and syrups and extracts. Squirt Company. 397,551, Sept. 8, 1942. Republished Sept. 28.
Beverages, Nonalcoholic, noncereal, maltless. L. W. Alexander. 242,213, renewed May 15, 1948. O. G. Sept. 28.
Ginger ale. American Stores Company. 239,098, Feb. 21, 1928. Republished Sept. 28.

CLASS 46

Bay leaves, dried beans, beef extract, etc. Citizens' Wholesale Supply Company. 302,799–800, Apr. 25, 1933. Republished Sept. 28.
Bread. E. H. Koester Baking Company. 325,141, June 11, 1935. Corrected. O. G. Sept. 28.
Butter. Golden State Milk Products Company. 241,977, renewed May 8, 1948. O. G. Sept. 28.
Candies, candy confections, sweetmeats, etc. Ideal Caramel Company, Inc. 177,214, Dec. 11, 1923. Republished Sept. 28.

Candies, candy confections, sweetmeats, etc. Ideal Caramel Company, Inc. 177,763, Dec. 25, 1923. Republished Sept. 28.
Candy. Great Atlantic and Pacific Tea Company. 502,504, Sept. 28; Serial No. 532,011, published June 22, 1948.
Candy. House of Bauer. 502,594, Sept. 28; Serial No. 531,006.
Candy. Thos. D. Richardson Company. 238,535, Feb. 7, 1928. Republished Sept. 28.
Canned combination of grapefruit and Hawaiian pineapple. Florida Fruit Canners Inc. 291,004, Jan. 26, 1932. Republished Sept. 28.
Canned corn. Northland Canning Company. 269,401, Apr. 8, 1930. Republished Sept. 28.
Canned corn. Northland Canning Co. 340,920. Nov. 24, 1936. Republished Sept. 28.
Canned crab meat. Parrott & Co. 79,930. Oct. 18, 1910. Republished Sept. 28.
Canned fish. California Marine Curing and Packing Corp. 386,122, Mar. 25, 1941. Corrected. O. G. Sept. 28.
Canned fish, canned fruits, canned vegetables, etc. Haas, Baruch, & Co. 243,930, renewed July 3, 1948. O. G. Sept. 28.
Canned fruit and vegetables. Kensett, Thomas, & Co. 55,929, Aug. 21, 1906. Republished Sept. 28.
Canned fruit and vegetables. R. E. Roberts. 188,102, Aug. 19, 1924. Republished Sept. 28.
Canned fruit juices. Florida Fruit Canners, Inc. 390,201, Sept. 9, 1941. Republished Sept. 28.
Canned fruits and canned fruit juices. Florida Fruit Canners, Inc. 370,558, Aug. 29, 1939. Republished Sept. 28.
Canned fruits and canned vegetables. M. J. Boyer. 49,629, Feb. 13, 1906. Republished Sept. 28.
Canned fruits and vegetables. Thomas Kensett & Co. 62,661, May 21, 1907. Republished Sept. 28.
Canned goods. Central Wisconsin Canneries. 172,873, Sept. 11, 1923. Republished Sept. 28.
Canned grapefruit. Florida Fruit Canners, Inc. 259,726, Aug. 6, 1929. Republished Sept. 28.
Canned grapefruit, canned peas, canned tomato juice, etc. Florida Fruit Canners, Inc. 368,967, July 11, 1939. Republished Sept. 28.
Canned grapefruit juice. Florida Fruit Canners, Inc. 353,735, Jan. 18, 1938. Republished Sept. 28.
Canned grapefruit juice. West Florida Preserving Company, Inc. 271,023, May 20, 1930. Republished Sept. 28.
Canned oysters, shrimp, lobster, clams, etc. Thomas Kensett & Co. 58,230, Dec. 11, 1906. Republished Sept. 28.
Canned salmon. New England Fish Company. 244,574, renewed July 24, 1948. O. G. Sept. 28.
Canned salmon. B. T. Weyand. 502,468, Sept. 28; Serial No. 528,970, published June 22, 1948.
Canned sardines. Parrott & Co. 282,327, Apr. 21, 1931. Republished Sept. 28.
Canned sardines. Coast Fishing Company. 122,375, July 30, 1918. Republished Sept. 28.
Canned spaghetti sauce and canned consomme. American Kitchen Products Company. 502,448, Sept. 28; Serial No. 515,649, published June 22, 1948.
Canned tamale style chicken. Chix Stix Distributing Company. 440,825, Sept. 28; Serial No. 524,373, published June 29, 1948.
Canned vegetables, canned fruits, canned milk, etc. Joannes Brothers Company. 235,237, renewed Nov. 15, 1947. O. G. Sept. 28.
Canned vegetables, canned fruits, evaporated fruits, etc. Franklin MacVeagh and Company. 91,001, Apr. 8, 1913. Republished Sept. 28.
Canned vegetables, canned Irish potatoes, canned hominy, etc. Lord-Mott Company, Inc. 397,236, Aug. 25, 1942. Republished Sept. 28.
Catsup and chilli sauce. Greenabaum Bros., Inc. 151,786, Feb. 14, 1922. Republished Sept. 28.
Cereal food, Specially prepared. Mead Johnson & Company. 502,584, Sept. 28; Serial No. 541,758, published June 29, 1948.
Citrus-fruit juices. H. L. Sherman. 278,154, Dec. 9, 1930. Republished Sept. 28.
Coffee. Great American Tea Company. 502,466, Sept. 28; Serial No. 528,469, published June 22, 1948.
Coffee and chicory compound. Great Atlantic & Pacific Tea Company. 502,481, Sept. 28; Serial No. 527,364, published June 29, 1948.
Extract, Flavoring. Northville Laboratories, Inc. 341,211, Dec. 1, 1936. Republished Sept. 28.
Fats and oils, Eatable. De Nordiske Fabriker, De. No. Fa. Aktieselskap. 164,795, renewed Feb. 27, 1943. O. G. Sept. 28.
Fats and oils, Edible. De Nordiske Fabriker De-No-Fa Aktieselskab. 196,235, renewed Mar. 10, 1945. O. G. Sept. 28.
Feed for livestock, poultry, rabbits, etc. Happy Mills. 411,181, Jan. 9, 1945. Republished Sept. 28.
Feed, Stock. Edgar-Morgan Company. 121,637, May 14, 1918. Republished Sept. 28.
Feeds, Stock. Harper Feed Mills, Inc. 440,798, Sept. 28; Serial No. 516,275, published June 29, 1948.
Flour and self-rising flour, Wheat. Light Grain & Milling Co. 262,612, Oct. 15, 1929. Republished Sept. 28.
Flour, Cake. Igleheart Brothers, Incorporated. 244,091, renewed July 10, 1948. O. G. Sept. 28.
Flour, Cake and pastry. Albers Bros. Milling Co. 250,884, Dec. 18, 1928. Corrected. O. G. Sept. 28.
Flour for biscuits and shortcake, Prepared. Flako Products Corporation. 249,013, renewed Nov. 6, 1948. O. G. Sept. 28.
Flour, Wheat. Hunter Milling Company. 92,077, June 17, 1913. Republished Sept. 28.
Flour, Wheat. Hunter Milling Company. 340,867, Nov. 24, 1936. Republished Sept. 28.
Flour, Wheat. Light Grain & Milling Co. 265,117, Dec. 17, 1929. Republished Sept. 28.
Flour, Wheat. Light Grain & Milling Co. 275,125, Sept. 16, 1930. Republished Sept. 28.
Flour, Wheat. Light Grain & Milling Co. 281,449, Mar. 17, 1931. Republished Sept. 28.
Flour, Wheat. Pillsbury Flour Mills Company. 276,013, Oct. 7, 1930. Republished Sept. 28.
Flour, Wheat. Pillsbury Flour Mills Company. 329,355, Oct. 29, 1935. Republished Sept. 28.
Flour, Wheat. Pillsbury-Washburn Flour Mills Company, Ltd. 47,236, Oct. 31, 1905. Republished Sept. 28.
Flour, Wheat. Robinson Milling Company. 502,449, Sept. 28; Serial No. 516,920, published June 29, 1948.
Flour, whole wheat flour, cake flour, etc., Wheat. Tex-O-Kan Flour Mills Co. 502,439, Sept. 28; Serial No. 492,292, published June 22, 1948.
Food seasoning. C. F. Simonin's Sons, Inc. 433,010, Sept. 23, 1947. Republished Sept. 28.
Fruit, Fresh. Rappahannock Cooperative Fruit Growers, Inc. 350,288, Sept. 21, 1937. Republished Sept. 28.
Fruit juices. Florida Fruit Canners, Inc. 279,725, Jan. 20, 1931. Republished Sept. 28.
Fruits and fresh vegetables and canned grapefruit, Fresh citrus. Florida Fruit Canners, Inc. 272,763, July 15, 1930. Republished Sept. 28.
Fruits, Fresh citrus. Carpinteria Mutual Citrus Association. 250,578, renewed Dec. 11, 1948. O. G. Sept. 28.
Fruits, Fresh citrus. Lakeland Highlands Cooperative Association. 348,052, July 13, 1937. Republished Sept. 28.
Fruits, Fresh citrus. Orange Mutual Citrus Association. 248,488, renewed Oct. 23, 1938. O. G. Sept. 28.
Fruits, fresh citrus fruits, and fresh vegetables, Fresh deciduous. Bailey Bros. 440,771, Sept. 28; Serial No. 500,203, published June 29, 1948.
Grapefruit juices. Florida Fruit Canners, Inc. 255,630, Apr. 30, 1929. Republished Sept. 28.
Lemons, grapefruit; fresh fruits. G. L. Dinjian. 242,599, renewed May 29, 1948. O. G. Sept. 28.
Macaroni food products and egg noodles. Minnesota Macaroni Company. 352,567, Dec. 7, 1937. Republished Sept. 28.
Malted milk and chocolate malted milk. Land O'Lakes Creameries, Inc. 238,023, renewed Jan. 24, 1948. O. G. Sept. 28.
Meats and meat products. Albany Packing Company, Inc. 390,097, Sept. 9, 1941. Republished Sept. 28.
Melons, Fresh. A. E. Engelman. 440,810, Sept. 28; Serial No. 520,204, published June 29, 1948.
Milk, Condensed. Borden's Condensed Milk Company. 72,214, re-renewed Jan. 12, 1949. O. G. Sept. 28.
Mincemeat. Atmore & Son, Inc. 240,300, Mar. 20, 1928. Republished Sept. 28.
Nougat bars, Chocolate. Fenn Bros. Inc. 70,918, Oct. 13, 1908. Republished Sept. 28.
Nuts, Salted. Tower Salted Nut Co. 440,815, Sept. 28; Serial No. 522,093, published June 29, 1948.
Oleomargarine. C. A. Swanson & Sons. 502,463, Sept. 28; Serial No. 528,038, published June 29, 1948.
Olive oil, bottled peppers, bottled pimentos, etc. L. and S. Packing Co., Inc. 459,847, May 20, 1947. Republished Sept. 28.
Pancake flour, Self-rising. Light Grain & Milling Co. 301,337, Feb. 28, 1933. Republished Sept. 28.
Pastry spice. Knickerbocker Mills Co. 205,606, Nov. 10, 1925. Republished Sept. 28.
Pickles. W. W. Dougherty. 440,828, Sept. 28; Serial No. 525,307, published June 29, 1948.
Prunes, Dried. Sweetarts Company. 242,227, renewed May 15, 1948. O. G. Sept. 28.
Salad oil. Conway Import Co., Inc. 336,436, July 7, 1936. Republished Sept. 28.
Sauce Bordelaise, sauce Newberg, etc. Steele-Wedeles Company. 244,065, renewed July 10, 1948. O. G. Sept. 28.
Sausage, Dried. Otto Roth & Co. Inc. 249,662–4, renewed Nov. 20, 1948. O. G. Sept. 28.
Syrups, Table. W. L. Craft. 265,714, Jan. 7, 1930. Republished Sept. 28.
Toast. Devon Bakeries, Inc. 299,766, Dec. 20, 1932. Republished Sept. 28.
Tomato catchup, chili sauce, and canned pork and beans. Greenabaum Bros., Inc. 156,679, July 11, 1922. Republished Sept. 28.
Vegetables, Fresh. A. E. Engelman. 440,799–800, Sept. 28; Serial Nos. 517,186–7, published June 29, 1948.
Vegetables, Fresh. Wilkinson Bros. 225,887, Mar. 29, 1927. Republished Sept. 28.
Vegetables, frozen applesauce, and frozen strawberries, Frozen. Great Lakes Growers Cooperative. 440,819, Sept. 28; Serial No. 522,859, published June 22, 1948.

CLASS 48

Beer. Miller Brewing Company. 362,399, Nov. 15, 1938. Republished Sept. 28.
Beer. Miller High Life Company. 305,854–5, Aug. 29, 1933. Republished Sept. 28.
Beer. Miller High Life Company. 305,870–1, Aug. 29, 1933. Republished Sept. 28.
Beer and ale. G. Krueger Brewing Company. 333,508, Mar. 24, 1936. Corrected. O. G. Sept. 28.
Malt beverages, Nonalcoholic, cereal. West End Brewing Co. 249,079, renewed Nov. 6, 1948. O. G. Sept. 28.

CLASS 49

Liqueurs. Chartreuse Corporation. 373,676–7, Dec. 19, 1939. Republished Sept. 28.
Rum. Destileria Serralles, Inc. 341,119, Dec. 1, 1936. New certificate. O. G. Sept. 28.
Rum and other spirituous liquors. Edmund Melhado & Co., Inc. 311,775–7, Apr. 3, 1934. New certificate. O. G. Sept. 28.
Rum and other spirituous liquors. Edmund Melhado & Co., Inc. 314,130, June 19, 1934. New certificate. O. G. Sept. 28.

CLASS 50

Doilies, Rubber. Webster Rubber Company. 271,642, June 17, 1930. Republished Sept. 28.
Fabrics, Rubberized. Hodgman Rubber Company, Inc. 328,199, Sept. 17, 1935. Corrected. O. G. Sept. 28.
Rugs and mats, Skin. Clark, Son & Morland, Limited. 236,306, Dec. 6, 1927. Republished Sept. 28.

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U. S. Patent Office

LAWRENCE C. KINGSLAND, *Commissioner*

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Trade-Marks	73	No.	440,832 to No.	440,904, inclusive
T. M. (Act of 1946)	174	No.	502,598 to No.	502,771, inclusive
T. M. Renewals	107			
Reissues	2	No.	23,042 to No.	23,043, inclusive
Patents	463	No.	2,450,405 to No.	2,450,867, inclusive
Designs	110	No.	151,204 to No.	151,313, inclusive
Total	929			

Patents expiring: Patent Numbers 1,825,650 to 1,826,700, inclusive, issued October 6, 1931, expire October 6, 1948

Condition of Applications Under Examination at Close of Business Sept. 17, 1948

Total number of patent applications awaiting action, 156,080. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	8-28-47	1-24-47	2874
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-2-47	8-19-46	3037
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	11-25-47	11-12-47	1442
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Disptach; Store Service; Mining, Quarrying, and Ice Harvesting.	3-3-47	1-30-47	4015
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	2-18-47	9-3-46	1625
6. SURLE, H., Carbon Chemistry (part)	10-9 47	9-5-47	1838
7. HANLIN, GEORGE, Optics; Photographic Apparatus	12-13-47	7-30 47	1698
8. LEWIS, R. O., (Acting), Furniture; Racks and Cabinets	12-4-46	9-9-46	4428
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	6-19-47	1-11-47	2253
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	12-17-47	11-19-47	1688
11. BENHAM, E. V., Boots, Shoes, and Leggings, Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	11-10-47	1-7-48	768
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	10-22-47	9-6-46	2154
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	9-9-46	2418
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	11-28-47	9-26-47	1376
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	6-14-47	3-19-47	2091
16. LOVEWELL, N. N., Television; Telephony	10-15-47	6-12-47	1534
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	3-7-47	10-11-46	2078
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	7-15-47	8-28-46	1966
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	9-18-47	1-14 47	1921
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	3-14-47	11-19-46	2041
21. MADER, R. C., Textiles	10-11-47	8-7-47	1250
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	11-14-47	12-6-46	1737
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	9-30-47	8-13-46	1220
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	9-16-47	8-9-47	2760
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	11-12-47	1-20-47	1766
26. YOUNG, R. R., Electricity—Generation and Motive Power	12-30-47	12-2-47	1324
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	6-28-47	12-12-46	3515
28. SOLYOM, H. L., Heating; Internal-Combustion Engines (part); Cylinders; Pistons	8-11-47	8-7-47	1058
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	2-8-47	1-9-47	3208
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	12-16-47	8-5-47	1312
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	12-21-47	12-24-47	2204
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	3-6-47	11-5-46	3207
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	1-18-47	9-16-46	3538
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	1-17-47	8-28-46	1550
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	6-5-47	9-21-46	3302
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11-4-46	9-16-46	1699
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	10-31-47	2-7-47	1481
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	7-5-47	5-1-47	1840
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	3-7-47	7-19-46	3010
40. DRUMMOND, E. J., Receptacles (part); Packages	2-13-47	10-21-46	3288
41. HERTZ, M., Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	1-21-47	9-20 46	2372
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	12-17-47	12-30-47	1200
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	12-6-47	11-1-37	1346
44. HARVEY, L. P., Refrigeration; Preserving	9-28-46	7-22-46	1125
45. MANTER, W. B., Shafting and Flexible Shaft Couplings: Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sproket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	3-18-47	9-26-46	2902
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	6-11-47	8-16-46	1854

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 156,080. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	12-1-47	6-3-47	2236
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	12-17-47	2-24-47	1560
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	8-13-47	7-24-47	1572
50. LEVIN, SAMUEL, Synthetic Resins	12-5-47	7-31-47	2255
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	12-23-47	6-10-47	1826
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	9-22-47	12-14-46	3847
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	4-3-47	8-31-46	3651
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	12-2-47	7-18-47	1787
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	9-3-47	6-30-47	1984
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	10-22-47	10-31-47	1078
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys	3-25-47	8-19-46	3632
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-31-46	10-30-46	2153
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	8-23-47	3-21-47	2011
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	12-23-47	5-27-47	1449
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-10-46	3626
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	3-14-47	9-12-46	1935
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-8-47	7-3-47	1496
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	2-16-48	2-13-48	1609
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	12-18-47	5-29-47	2130
66. LISANN, I., Geometrical Instruments	4-14-47	4-16-46	2089
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	6-24-47	4-25-47	2031
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	1-17-48	7-15-47	1464
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	6-21-47	10-14-46	1858
DESIGNS: BREHM, G. L.	2-1-47	3-3-48	8029

Total number of trade-mark applications awaiting action (including renewals and republications) 40,622. Date of oldest new application, Sept. 5, 1947; date of oldest amended application, Feb. 12, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	1-8-48	6-3-48	3061
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-17-47	3-20-48	5542
3. SUMMERS, G. S., Classes 13, 21, 23, 26	9-5-47	3-22-48	4828
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-26-47	3-12-48	4480
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	10-25-47	3-11-48	3306
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-14-47	4-26-48	3444
7. KEYS, C. M., Classes 16, 19, 55	9-15-47	3-20-48	2236
8. GEDIMAN, H. W. — Renewals	8-12-48	8-26-48	48
8. GEDIMAN, H. W. — Republications — All Classes	10-16-47	8-30-48	13588

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Abercrombie & Fitch Company, New York, N. Y. Dart boards, beach equipment. Serial No. 530,045, Oct. 5. Class 22.

Ace Periodicals Inc., New York, N. Y. Periodical published bi-monthly or at other regular intervals. Serial No. 534,221, Oct. 5. Class 38.

Adler Co., The, Cininnati, Ohio. Men's, women's and children's knitted socks. Serial No. 514,876, Oct. 5. Class 39.

Aeroquip Corporation, Jackson, Mich., assignor to Standard Locknut & Lockwasher, Inc., Indianapolis, Ind. Metallic washers. Serial No. 497,436, Oct. 5. Class 13.

Affiliated Retailers, Inc., New York, N. Y. Automobile and bicycle tires and tubes, and fan belts. Serial No. 531,175, Oct. 5. Class 35.

Affleck, Augustus J., doing business under the name and style of Affleck Laboratories, Sacramento, Calif. Hygienic douche powder. Serial No. 546,537, Oct. 5. Class 6.

Affleck Laboratories: *See*—
Affleck, Augustus J.

Albany Billiard Ball Company, Albany, N. Y. Billiard balls. Serial No. 540,235, Oct. 5. Class 22.

Albert, Inc., Chicago, Ill. Women's, misses' and junior misses' or girls' undergarments. Serial No. 522,685, Oct. 5. Class 39.

Altec Lansing Corporation, Los Angeles and Hollywood, Calif. Speaker systems. Serial No. 520,598, Oct. 5. Class 21.

American Brake Shoe Company, New York, N. Y. Car wheels, brake shoes, brake shoe keys, etc. Serial No. 520,667, Oct. 5. Class 19.

Anchor Post Fence Company, Baltimore, Md. Metallic fencing. Serial No. 481,686, Oct. 5. Class 13.

Ardmore Chemical Company, The, Columbus, Ohio. Clothes bleach. Serial No. 514,792, Oct. 5. Class 6.

Armour and Company, Chicago, Ill. Sausage. Serial No. 528,400, Oct. 5. Class 46.

Armour and Company, Chicago, Ill. Soap. Serial No. 529,852, Oct. 5. Class 4.

Armour and Company, Chicago, Ill. Soap. Serial Nos. 529,854–5, Oct. 5. Class 4.

Atkinson Milling Company, Minneapolis, Minn. Hard wheat first clear flour. Serial No. 534,864, Oct. 5. Class 46.

Auburn Rubber Corporation, Auburn, Ind. Toy representation of some weapons, tractors, automobiles, etc. Serial No. 508,885, Oct. 5. Class 22.

Automatic Wire Goods Mfg. Co. Inc., New York, N. Y. Mixer strainers. Serial No. 525,177, Oct. 5. Class 23.

Avon Products, Inc., New York, N. Y. Cosmetic sets, etc. Serial No. 509,557, Oct. 5. Class 6.

B. R. Company: *See*—
Bronson Reel Company.

Baker Extract Company, Springfield, Mass. Camphor, camphorated oil, glycerine, etc. Serial No. 530,054, Oct. 5. Class 6.

Bal-Dart Incorporated, Detroit, Mich. Lawn sprinklers. Serial No. 512,482, Oct. 5. Class 13.

Barrell, William L., Company, New York, N. Y. Cotton duck in the piece. Serial No. 533,976, Oct. 5. Class 42.

Battles, Otto V., Los Olivos, Calif. Aberdeen-Angus cattle. Serial No. 518,195, Oct. 5. Class 1.

Beneficial Industrial Loan Corporation, Wilmington, Del. Services rendered in the small loan, instalment loan and instalment credit business. Serial No. 527,275, Oct. 5. Class 55.

Berndt-Dach, Incorporated, Los Angeles, Calif. Sound picture film recording galvanometers, amplifiers, cameras, etc. Serial No. 535,123, Oct. 5. Class 26.

Bersted Manufacturing Company, Fostoria, Ohio. Electrical appliances. Serial No. 519,721, Oct. 5. Class 21.

Beutex Corporation, Perth Amboy, N. J. Pressure sensitive adhesive sheets. Serial No. 498,050, Oct. 5. Class 5.

Bewley Mills, Fort Worth, Tex. Wheat flour. Serial No. 517,608, Oct. 5. Class 46.

Blake Manufacturing Co., Pawhuska, Okla. Air deflector. Serial No. 552,632, Oct. 5. Class 19.

Bloomsburg Mills, Inc., New York, N. Y. Piece goods. Serial No. 552,567, Oct. 5. Class 42.

Blue Moon Foods, Inc., Thorp, Wis., assignor to Blue Moon Foods, Inc., Dover, Del. Cheese and cheese spread. Serial No. 484,660, Oct. 5. Class 46.

Boonton Full Fashion Hosiery Mill, Boonton, N. J. Full fashioned hosiery for women. Serial No. 519,920, Oct. 5. Class 39.

Breck, John H., Inc., Springfield, Mass. A periodical published from time to time. Serial No. 549,703, Oct. 5. Class 38.

Briggs Clarifier Company, Washington, D. C., assignor to The Briggs Filtration Company, Bethesda, Md. Oil clarifiers and equipment and parts therefor. Serial No. 487,166, Oct. 5. Class 31.

Briggs Filtration Company, The: *See*—
Briggs Clarifier Company.

Broadway Maintenance Corp., Long Island City, N. Y. Service, repair, and maintenance of electric motors. Serial No. 537,979, Oct. 5. Class 55.

Bronson Reel Company, Bronson, by change of name B. R. Company, assignor to McAleer Manufacturing Company, Rochester, Mich. Fishing reels. Serial No. 538,877, Oct. 5. Class 22.

Broquinda Corporation, The, St. Petersburg, Fla. Refrigerated trucks, refrigerated semi-trailer trucks, refrigerated trailer trucks, etc. Serial No. 521,175, Oct. 5. Class 19.

Brownback, Lillian H., Linfield, Pa., doing business as Qui Sait Company. Perfume. Serial No. 517,235, Oct. 5. Class 6.

Bruce, E. L., Co., Memphis, Tenn. Combination hand tool. Serial No. 535,471, Oct. 5. Class 29.

Buffalo Courier Express, Inc., Buffalo, N. Y. Newspaper. Serial No. 546,186, Oct. 5. Class 38.

Bunting Brass & Bronze Company, The, Toledo, Ohio. Bronze, cored and solid bars. Serial No. 528,253, Oct. 5. Class 14.

Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. Sedative, vasodilator, cardiotonic and diuretic, etc. Serial No. 509,559, Oct. 5. Class 6.

Cannon Electric Development Company: *See*—
Cannon, James H.

Cannon, James H., doing business as Cannon Electric Development Company, Los Angeles, Calif. Electric equipment and parts therefor. Serial Nos. 516,458–9, Oct. 5. Class 21.

Capital Classic Association, Washington, D. C. Periodic publication. Serial No. 544,849, Oct. 5. Class 38.

Carbutone Manufacturing Co.: *See*—
Ogint, Adam.

Carpenter, E. W., Manufacturing Company, The, Bridgeport, Conn. Venetian blind hardware. Serial No. 526,573, Oct. 5. Class 13.

Catechetical Guild, St. Paul, Minn. Grooved phonograph records. Serial No. 534,872, Oct. 5. Class 36.

Central Ohio Supply Co., The, Columbus, Ohio. Topping containing cereal, nut meats, sugar syrup, etc. Serial No. 517,962, Oct. 5. Class 46.

Central Ohio Supply Co., The, Columbus, Ohio. Product containing corn syrup, sugar syrup, egg albumen, etc. Serial No. 517,971, Oct. 5. Class 46.

Central States Mfg. Co., Inc., Arkansas City, Kans. Gas fired floor furnaces, gas fired suspended unit heaters, etc. Serial No. 545,234, Oct. 5. Class 34.

Champagne Paper Corporation, assignor to Ecusta Paper Corporation, Pisgah Forest, N. C. Cigarette paper booklets. Serial No. 532,560, Oct. 5. Class 8.

Chesterton, A. W., Company, Everett, Mass. Mechanical packings and rod packings made of asbestos, fibre, rubber, etc. Serial No. 546,823, Oct. 5. Class 35.

Clark, Robert H., Beverly Hills, Calif., doing business as Robert H. Clark Company. Bath salts. Serial No. 527,534, Oct. 5. Class 6.

Clark, Robert H., Company: *See*—
Clark, Robert H.

Cleary Trading Corporation: *See*—
Cleary, W. A., Corporation.

Cleary, W. A., Corporation, doing business as Cleary Trading Corporation, New Brunswick, N. J. Modified and compound vegetable oil. Serial No. 524,687, Oct. 5. Class 46.

Cobar Laboratories, Inc., Akron, Ohio. Chemically treated paraffin. Serial No. 528,773, Oct. 5. Class 6.

Cockshutt Plow Company, Limited, Brantford, Ontario, Canada. Farm implements of all kinds. Serial No. 524,376, Oct. 5. Class 23.

Codo Manufacturing Corp., Coraopolis, Pa., and Chicago, Ill. Carbon paper and typewriter ribbons. Serial No. 517,456, Oct. 5. Class 11.

Color-Bank Company, Waynesboro, Pa. Crayon holders. Serial No. 524,777, Oct. 5. Class 37.

Connoisseurs Gift Shop, Inc., Boston, Mass., now by change of namee Connoisseurs Products Corporation. Jewelry, watches, and eyeglass cleaner. Serial No. 538,497, Oct. 5. Class 4.

Connoisseurs Products Corporation: *See*—
Connoisseurs Gift Shop, Inc.

Cook, F. W., Company, Inc., Evansville, Ind. Beer and ale. Serial No. 539,496, Oct. 5. Class 48.

Corn Products Refining Company, New York, N. Y. Monthly publication. Serial No. 533,544, Oct. 5. Class 38.

Corona Manufacturing Co., The, Kenton, Ohio. Ointment. Serial No. 530,295, Oct. 5. Class 6.

Correct Craft, Inc., assignee of W. C. Meloon, doing business as Pinecastle Boat and Construction Company, Pinecastle and Titusville, Fla. Marine runabouts and cruisers. Serial No. 517,651, Oct. 5. Class 19.

Craddock-Terry Shoe Corporation, Lynchburg, Va. Leather shoes for men. Serial No. 529,751, Oct. 5. Class 39.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,099, Oct. 5. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,104, Oct. 5. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,138, Oct. 5. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,144, Oct. 5. Class 42.
Crompton Company, West Warwick, R. I. Fabrics in the piece. Serial No. 532,234, Oct. 5. Class 42.
Cudahy Packing Company, The, Chicago, Ill. Rug, fabric, and automobile cleaning preparation. Serial No. 545,453, Oct. 5. Class 4.
Current Books, Inc., New York, N. Y. Periodical published bi-monthly or at other regular intervals. Serial No. 534,094, Oct. 5. Class 38.
Custer, Levitt L., doing business as Custer Specialty Company, The, Dayton, Ohio. Amusement riding devices. Serial No. 523,042, Oct. 5. Class 22.
Custer Specialty Company, The: *See*—
Custer, Levitt L.
Darsky, N. H., doing business as Golden Age Ginger Ale Company of America, Youngstown, Canton, and Akron, Ohio, and Houston, Tex. Mineral and carbonated water, etc. Serial No. 537,789, Oct. 5. Class 45.
Davey Tree Expert Company, The, Kent, Ohio. Fertilizers. Serial No. 530,628, Oct. 5. Class 10.
Dell Publishing Company, Inc., New York, N. Y. Publication published periodically. Serial No. 531,447, Oct. 5. Class 38.
Detergent Products, Inc., Philadelphia, Pa. Household cleaning preparation. Serial No. 494,428, Oct. 5. Class 4.
Ditto, Incorporated, Chicago, Ill. Solvent for use in duplicating processes. Serial No. 546,374, Oct. 5. Class 6.
Dow Chemical Company, The, Midland, Mich. Aromatic chemical useful as a perfume. Serial No. 546,829, Oct. 5. Class 6.
Dry Cleaning Machinery Corporation, Syracuse, N. Y. Steam electric irons. Serial No. 522,787, Oct. 5. Class 21.
Duncan Electric Manufacturing Company, Lafayette, Ind. Periodicals published at irregular intervals. Serial No. 514,258, Oct. 5. Class 38.
Durango Coca-Cola Bottling Co., Durango, Colo. Malt-less soft drinks and carbonated waters. Serial No. 537,668, Oct. 5. Class 45.
Eck, Mable E., Montoursville, Pa. Preparation for the treatment and relief of frozen or frost-bitten parts of the human body. Serial No. 543,579, Oct. 5. Class 6.
Eclipse Fountain Pen and Pencil Company, Limited, The, Toronto, Canada. Fountain pens, mechanical pencils, and desk sets. Serial No. 514,084, Oct. 5. Class 37.
Ecusta Paper Corporation: *See*—
Champagne Paper Corporation.
Elfast Service Corporation, New York, N. Y. Travel services. Serial No. 536,511, Oct. 5. Class 55.
Elkins, Tiffie C., doing business as Elko Division of W. C. Manufacturing Co., Stephenville, Tex. Radiator stop leak preparation. Serial No. 523,251, Oct. 5. Class 6.
Elko Division of W. C. Manufacturing Co.: *See*—
Elkins, Tiffie C.
Engineering and Research Corporation, Riverdale, Md. Airplanes. Serial No. 496,018, Oct. 5. Class 19.
Engineering and Research Corporation, Riverdale, Md. Airplanes. Serial No. 519,933, Oct. 5. Class 19.
Esmond Mills, Incorporated, The, Smithfield and Esmond, R. I. Textile blankets, woolen piece goods, cotton piece goods, etc. Serial Nos. 552,444–5, Oct. 5. Class 42.
Executives' Radio Service, Larchmont, N. Y. Periodic publication. Serial No. 546,987, Oct. 5. Class 38.
Fair, The, Chicago, Ill. Mouth wash. Serial No. 536,367, Oct. 5. Class 6.
Fairy Silk Mills, Inc., Shillington, Pa. Tricot knit fabrics in the piece. Serial No. 477,647, Oct. 5. Class 42.
Fan Male, Inc., assignor to Magazine Enterprises, Inc., New York, N. Y. Comic magazine published monthly. Serial No. 531,897, Oct. 5. Class 38.
Felts and Gunnels, Clovis, N. Mex. Liquid dandruff remover. Serial No. 545,114, Oct. 5. Class 6.
Fleming Co., Incorporated, The, Topeka, Kans. A periodical publication. Serial No. 547,107, Oct. 5. Class 38.
Folly Cove Designers, Gloucester and Annisquam, Mass. Dirndls, jumpers, pinafores, etc. Serial No. 516,406, Oct. 5. Class 39.
Fox, I. J., Inc., New York, N. Y. Cleaning fluid. Serial No. 506,591, Oct. 5. Class 4.
Franklin County Coal Corporation, Chicago, Ill. Bituminous coal. Serial No. 528,999, Oct. 5. Class 1.
Franz, Wm., Beverage Co., Philadelphia, Pa. Non-alcoholic, non-cereal, maltless beverages sold as soft drinks. Serial No. 524,670, Oct. 5. Class 45.
Funeral Service Association, Inc., Seattle, Wash. Financial services in connection with funerals. Serial No. 534,428, Oct. 5. Class 55.
Galree Products Co., Inc., New York, N. Y. Moth preventative and insecticide. Serial No. 530,397, Oct. 5. Class 6.
Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. Serial No. 536,374, Oct. 5. Class 46.
Gladding, B. F., & Co. Inc., South Otselic, N. Y. Fishing lines. Serial No. 527,062, Oct. 5. Class 22.
Gold Bond Stamp Company, Minneapolis, Minn. Trading stamps. Serial No. 544,443, Oct. 5. Class 38.
Golden Age Ginger Ale Company of America: *See*—
Darsky, N. H.
Golfcraft, Inc., Chicago, Ill. Golf clubs and golf balls. Serial No. 499,705, Oct. 5. Class 22.
Good Luck Glove Company, Carbondale, Ill. Work gloves. Serial No. 529,018, Oct. 5. Class 39.
Good Luck Glove Company, Carbondale, Ill. Fabric work gloves. Serial No. 529,028, Oct. 5. Class 39.
Good Luck Glove Company, Carbondale, Ill. Fabric work gloves. Serial No. 529,030, Oct. 5. Class 39.
Graham Paige Motors Corporation, assignor to Kaiser-Fraser Corporation, Willow Run, Mich. Passenger automobile. Serial No. 505,577, Oct. 5. Class 19.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Canned peas, tomato soup, and ketchup. Serial No. 534,773, Oct. 5. Class 46.
Greenberg, Charles S., Inc., New York, N. Y. Women's, misses', and children's dresses. Serial No. 535,521, Oct. 5. Class 39.
H. L. P. Manufacturing Company, Houston, Tex. Welding compound. Serial No. 539,051, Oct. 5. Class 6.
Haire Publishing Company, New York, N. Y. Magazine for the trade in notions and novelties. Serial No. 531 667, Oct. 5. Class 38.
Hampden Color and Chemical Company, Springfield, Mass. Detergents for industrial usage. Serial No. 533,563, Oct. 5. Class 4.
Hedstrom-Union Company, Fitchburg and Gardner, Mass. Fabric for baby carriages. Serial No. 531,473, Oct. 5. Class 42.
Henry Engineering Company: *See*—
Henry, G. A.
Henry, G. A., doing business as Henry Engineering Company, Burbank, Calif. Accessories for miniature toy model airplanes. Serial No. 520,701, Oct. 5. Class 22.
Hirsch, Clara, Paris, France, doing business as Rocca. Perfume, rouge, and dentifrice. Serial No. 506,529, Oct. 5. Class 6.
Holland-Rantos Company, Inc., New York, N. Y. Vaginal jelly. Serial No. 509,343, Oct. 5. Class 6.
Hollins, William, and Company Limited, Nottingham, England. Woollen piece goods. Serial No. 553,369, Oct. 5. Class 42.
Horn, Lambert W., San Francisco, Calif. Body cleansing oil. Serial No. 542,471, Oct. 5. Class 6.
Hovis Limited, London, England. Wheat flour. Serial No. 515,178, Oct. 5. Class 46.
Hubner, Harvey W., Los Angeles, Calif., doing business as Independent Iron Works. Bar bells, dumbbells, leg-development weights, etc. Serial No. 525,599, Oct. 5. Class 22.
Hudson's Eumenthol Chemical Company Pty. Limited, Glebe, Sydney, New South Wales, Australia. Medicated lozenges. Serial No. 545,627, Oct. 5. Class 6.
Huiskamp Brothers Co., Keokuk, Iowa. Women's shoes. Serial No. 537,799, Oct. 5. Class 39.
Hyde Manufacturing Company, Southbridge, Mass. Shoe knives having square, sharp, round, or beveled points, lip knives, skiving knives, etc. Serial No. 541,783, Oct. 5. Class 23.
Ideal Novelty & Toy Co., Hollis, N. Y. Dolls. Serial No. 535,530, Oct. 5. Class 22.
Ideal Publishing Corp., New York, N. Y. Monthly magazine. Serial No. 523,185, Oct. 5. Class 38.
Independent Iron Works: *See*—
Hubner, Harvey W.
Inland Rubber Corporation, Chicago, Ill. Tubes, tires, V-belts, etc. Serial No. 531,598, Oct. 5. Class 35.
Inland Rubber Corporation, Chicago, Ill. Abrasive knife sharpeners; cleaners, and solvents. Serial No. 531,599, Oct. 5. Class 4.
Inland Rubber Corporation, Chicago, Ill. Tubes, tires, V-belts, etc. Serial No. 531,601, Oct. 5. Class 35.
Inland Rubber Corporation, Chicago, Ill. Vehicle tires composed of rubber and fabric. Serial No. 531,606, Oct. 5. Class 35.
International Cellucotton Products Company, Chicago, Ill. All purpose absorbent paper tissues. Serial No. 532,230, Oct. 5. Class 37.
International Products Corporation, New York, N. Y. Tanning extracts. Serial No. 530,512, Oct. 5. Class 6.
Jacobs Bros., Hoboken, N. J. Infants' and children's wear. Serial No. 529,465, Oct. 5. Class 39.
Jay Electric Co., Detroit, Mich. Rear view mirrors. Serial No. 518,355, Oct. 5. Class 19.
Jenkins Publications, Inc., Los Angeles, Calif. Periodical. Serial Nos. 544,089–90, Oct. 5. Class 38.
Jensen, Peter, Copenhagen, Denmark. Cheese. Serial No. 530,006, Oct. 5. Class 46.
Jones Knitting Mills, Los Angeles, Calif. Knit goods. Serial No. 534,287, Oct. 5. Class 39.
Kaiser-Frazer Corporation, assignee: *See*—
Graham Paige Motors Corporation.
Katz Drug Company, Kansas City, Mo. Photographic prints. Serial No. 520,339, Oct. 5. Class 38.
Keystone Laboratories, Inc., Memphis, Tenn. Preparation to be taken for relieving discomfort of gastric flatulence. Serial No. 543,938, Oct. 5. Class 6.

Klein, D. Emil, Co., Inc., New York, N. Y. Cigars. Serial No. 529,774, Oct. 5. Class 17.
Klein, D. Emil, Co., Inc., New York, N. Y. Cigars. Serial No. 529,780, Oct. 5. Class 17.
Knox-Reese Manufacturers, Philadelphia, Pa. Children's skipping and jumping ropes. Serial No. 528,289, Oct. 5. Class 22.
Kohler & Campbell, Inc., New York, N. Y. Pianos. Serial No. 507,190, Oct. 5. Class 36.
Kono Manufacturing Company, The, Woodside, N. Y. Eyeglass and spectacle frames. Serial No. 542,593, Oct. 5. Class 26.
Laclede Steel Company, St. Louis, Mo. Steel products. Serial No. 534,154, Oct. 5. Class 14.
Laher Spring and Tire Corporation, Oakland, Calif. Automotive equipment and accessories. Serial No. 507,263, Oct. 5. Class 21.
Lander Co. Inc., The, New York, N. Y. Face powder, lipstick, toilet water, etc. Serial No. 518,468, Oct. 5. Class 6.
La Port Corporation, The, Chicago, Ill., and LaPort, Ind. Toy velocipedes. Serial No. 506,039, Oct. 5. Class 22.
Legge, Walter G., Company, Inc., New York, N. Y. Cleanser for terrazzo, marble, cement, etc. Serial No. 532,140, Oct. 5. Class 4.
Lerner Company, The: *See*—
Shelton, Sue, Inc.
Le Shore Corporation, The, New York and Long Island City, N. Y. Filing equipment. Serial No. 506,676, Oct. 5. Class 37.
Levine, Mike, & Co., New York, N. Y. Ladies' dresses. Serial No. 543,723, Oct. 5. Class 39.
Lodge Plugs Limited, Rugby, England. Spark plugs. Serial No. 542,474, Oct. 5. Class 21.
Lorain Products Corporation, Lorain, Ohio. Electrical static frequency converters. Serial No. 537,909, Oct. 5. Class 21.
Lowenbaum, B., Manufacturing Co., St. Louis, Mo. Perfume and cologne. Serial No. 506,382, Oct. 5. Class 6.
Lubaid Company: *See*—
Sauerborn, Leo J.
Lucas, John, & Company, Inc., Philadelphia, Pa. Paints, varnishes, wood fillers, etc. Serial No. 525,891, Oct. 5. Class 16.
Lus Tr Lox Products, Inc., Salt Lake City, Utah. Skin cream, oil permanent wave solution, cream lotion, etc. Serial No. 513,830, Oct. 5. Class 6.
Lyons, Percival, Hove, England. Electro-therapeutic appliances. Serial No. 526,328, Oct. 5. Class 44.
Maconochie Brothers, Limited, London, England. Pickle relish. Serial No. 534,794, Oct. 5. Class 46.
Magazine Enterprises, Inc.: *See*—
Fan Male, Inc.
Magor Car Corporation, New York, N. Y. All types of railroad cars. Serial No. 519,878, Oct. 5. Class 19.
Mallory Manufacturing Company, Chapin, Iowa. Wagon boxes having unloading mechanism. Serial No. 513,434, Oct. 5. Class 19.
Manning, Maxwell & Moore, Incorporated, New York, N. Y. Combination instrument. Serial No. 509,857, Oct. 5. Class 26.
Marshall Field & Company, Chicago, Ill. Bath and hand towels, wash cloths, and bath mats. Serial No. 551,905, Oct. 5. Class 42.
Maryland and Virginia Milk Producers Association, Inc., Charlottesville, Va., and Washington, D. C. Fluid milk, sweet cream, sour cream, and buttermilk. Serial Nos. 528,809–10, Oct. 5. Class 46.
McAleer Manufacturing Company: *See*—
Bronson Reel Company.
McBee Company, The, Athens, Ohio. Bond paper. Serial No. 474,754, Oct. 5. Class 37.
McCambridge & McCambridge Co., The, Baltimore, Md. Chemical composition for the prevention of corrosion. Serial No. 545,383, Oct. 5. Class 6.
McGraw-Hill Publishing Company, Inc., New York, N. Y. House organ and section of a magazine published monthly. Serial No. 552,996, Oct. 5. Class 38.
McLoughlin Bros., Inc., Springfield, Mass. Series of books published from time to time. Serial No. 549,348, Oct. 5. Class 38.
McLoughlin Bros., Inc., Springfield, Mass. Series of books published from time to time. Serial No. 549,350, Oct. 5. Class 38.
McSweeny Bros., Temecula, Calif. Fresh carrots. Serial No. 518,023, Oct. 5. Class 46.
Mead Cycle Company, Chicago, Ill. Bicycles. Serial Nos. 525,363–4, Oct. 5. Class 19.
Mechanical Home Systems, Incorporated, Chicago, Ill. Gas fired units for central heating of residential structures. Serial No. 528,217, Oct. 5. Class 34.
Meloon, W. C., assignee: *See*—
Correct Craft, Inc.
Mennen Company, The, Newark, N. J. Deodorants. Serial No. 514,125, Oct. 5. Class 6.
Mennen Company, The, Newark, N. J. Skin lotion. Serial No. 543,209, Oct. 5. Class 6.
Mennen Company, The, Newark, N. J. Toilet powder, talcum powder, medicated powder, etc. Serial No. 543,311, Oct. 5. Class 6.
Metropolitan Cigar Corporation, Chicago, Ill. Cigars. Serial No. 531,927, Oct. 5. Class 17.
Mexico Refractories Company, Mexico, Mo. Firebrick. Serial No. 542,035, Oct. 5. Class 12.
Meyercord Company, The, Chicago, Ill. Decalcomanias. Serial No. 535,584, Oct. 5. Class 38.
Michigan Bean Company, Saginaw, Mich. Dried kidney beans. Serial No. 521,023, Oct. 5. Class 46.
Michigan Chemical Corporation, Saint Louis, Mich. Chemical fire extinguishing composition. Serial No. 515,506, Oct. 5. Class 6.
Monark Battery Company, Inc., Chicago, Ill. Storage batteries. Serial No. 539,832, Oct. 5. Class 21.
Moore, John Hudson, Inc., New York, N. Y. Cologne, bay rum, deodorant, etc. Serial No. 512,079, Oct. 5. Class 6.
Munising Paper Company, The, Chicago, Ill. Bond mimeograph, and ledger papers. Serial No. 532,953, Oct. 5. Class 37.
Munn & Co. Inc. now by change of name Scientific American, Inc., New York, N. Y. Monthly publication. Serial No. 526,568, Oct. 5. Class 38.
National Carbon Company, Inc., New York, N. Y. Therapeutic arc lamps and carbons therefor. Serial No. 525,928, Oct. 5. Class 44.
National Oil Products Co.: *See*—
Nopco Chemical Company.
National Provisioner, Inc., The, Chicago, Ill. Publication issued annually. Serial No. 546,316, Oct. 5. Class 38.
National Telephone Supply Company, The, Cleveland, Ohio. Connecting and terminating devices or sleeves for wires and cables. Serial No. 505,611, Oct. 5. Class 21.
New Jersey Pharmacal Company, Hillside, N. J. Sedative elixir. Serial No. 546,780, Oct. 5. Class 6.
Nopco Chemical Company, Harrison, N. J., now by change of name from National Oil Products Co. Organic wetting agents. Serial No. 507,333, Oct. 5. Class 6.
Nopco Chemical Company, Harrison, N. J., now by change of name from National Oil Products Co. High potency vitamin-containing solid. Serial No. 518,554, Oct. 5. Class 6.
Norfolk and Western Railway Company, Roanoke, Va. Service of railroad transportation. Serial No. 531,701, Oct. 5. Class 55.
Novadel-Agene Corporation, Belleville, N. J., and Buffalo, N. Y. Liquid compounds. Serial No. 532,052, Oct. 5. Class 6.
Ogint, Adam, Hollywood, Calif., doing business as Carbutone Manufacturing Co. Chemical preparation. Serial No. 521,677, Oct. 5. Class 6.
Ohio Oil Company, The, Findlay, Ohio. Lubricating motor oils. Serial No. 534,803, Oct. 5. Class 15.
Ohio Oil Company, The, Findlay, Ohio. Motor fuel oil, fuel oil for heating and illuminating purposes, lubricating oils, etc. Serial No. 534,804, Oct. 5. Class 15.
Okonite Company, The, Passaic, N. J. Electric cable. Serial No. 535,592, Oct. 5. Class 21.
Oronite Chemical Company, San Francisco, Calif., and Wilmington, Del. Surface active detergents. Serial Nos. 549,836–7, Oct. 5. Class 4.
Owens Brush Company, Toledo, Ohio. Toothbrushes. Serial Nos. 530,246–7, Oct. 5. Class 29.
Pacific Gas Corporation, New York, N. Y. Butane and propane gases. Serial No. 553,128, Oct. 5. Class 6.
Palmer Laboratories, Lancaster, Pa. Preparation for the treatment of varicose ulcers, minor burns, and external skin irritation. Serial No. 545,275, Oct. 5. Class 6.
Parke, Davis & Company, Detroit, Mich. Vitamin preparations, analgesics, hypnotics, etc. Serial Nos. 528,093–5, Oct. 5. Class 6.
Parker Company: *See*—
Parker, Van A.
Parker, Van A., doing business as Parker Company, San Diego, Calif. Camera tripod equipment. Serial No. 514,621, Oct. 5. Class 26.
Patterson, David S., New Brighton, Pa. Printed window and bulletin board cards and printed motto cards and leaflets. Serial No. 502,530, Oct. 5. Class 38.
Pepperell Manufacturing Company, Boston, Mass. Piece goods. Serial No. 552,004, Oct. 5. Class 42.
Photoglo Co. of America: *See*—
Ronan, John A.
Pinecastle Boat and Construction Company: *See*—
Correct Craft, Inc.
Playboy Motor Car Corporation, Buffalo, N. Y. Motor cars. Serial No. 542,165, Oct. 5. Class 19.
Porocel Corporation, Wilmington, Del., and Philadelphia, Pa. Packaged adsorbent material. Serial No. 496,921, Oct. 5. Class 6.
Porte Publishing Company, Salt Lake City, Utah. Magazine published at irregular intervals. Serial No. 539,434, Oct. 5. Class 38.
Printers' Ink Publishing Co. Inc., New York, N. Y. A periodical publication published weekly. Serial No. 549,663, Oct. 5. Class 38.
Procter & Gamble Company, The, Cincinnati, Ohio. Dentifrice. Serial No. 546,605, Oct. 5. Class 6.
Quaker Chemical Products Corporation, Conshohocken, Pa. Lubricating oils and greases, cutting oils. Serial No. 535,873, Oct. 5. Class 15.
Qui Salt Company: *See*—
Brownback, Lillian H.
Rare Chemicals, Inc., Harrison, N. J. Preparation for treatment of hypochromic anemia. Serial No. 509,599, Oct. 5. Class 6.
Regal Publishing Corporation, New York, N. Y. Daily publication. Serial No. 524,155, Oct. 5. Class 38.

Registrar and Transfer Company, New York, N. Y. Calendar of corporation events issued at irregular intervals. Serial No. 539,565, Oct. 5. Class 38.
Remler Company, Ltd., San Francisco, Calif. Radio-receiving sets. Serial No. 512,861, Oct. 5. Class 21.
Rocca: *See*—
Hirsch, Clara.
Rochester Soda Water Company, Inc., Rochester, N. Y. Non-alcoholic maltless beverage. Serial No. 537,243, Oct. 5. Class 45.
Rockwell Manufacturing Company, Pittsburgh, Pa. Periodical publications, prints and plans. Serial No. 534,363, Oct. 5. Class 38.
Rockwell Manufacturing Company, Pittsburgh, Pa. Periodical publications and prints, and plans. Serial No. 542,858, Oct. 5. Class 38.
Ronan, John A., doing business as Photoglo Co. of America, New York, N. Y. Photographic prints. Serial No. 503,675, Oct. 5. Class 38.
Rural Gravure Service, Inc., Madison, Wis. Magazine sections. Serial No. 532,060, Oct. 5. Class 38.
Sauer, C. F., Company, The, Richmond, Va. Medicinal liniment. Serial No. 539,443, Oct. 5. Class 6.
Sauerborn, Leo J., Milwaukee, Wis., doing business as Lubaid Company. Carbon binder solvent, sludge solvent, and soot remover. Serial No. 540,549, Oct. 5. Class 6.
Sauerborn, Leo J., Milwaukee, Wis., doing business as Lubaid Company. Liquid chemical. Serial No. 541,192, Oct. 5. Class 6.
Schrager, Rose, doing busines as Silver Chemical Co., Brooklyn, N. Y. Powder for cleaning silverware. Serial No. 554,923, Oct. 5. Class 4.
Schwarzenbach-Huber Company, The, New York, N. Y. Fabrics in the piece. Serial Nos. 553,403–4, Oct. 5. Class 42.
Schwarzenbach-Huber Company, The, New York, N. Y. Fabrics in the piece made of rayon. Serial No. 553,406, Oct. 5. Class 42.
Schwarzenbach-Huber Company, The, New York, N. Y. Broad silks in the piece. Serial No. 553,407, Oct. 5. Class 42.
Scientific American, Inc.: *See*—
Munn & Co. Inc.
Scranton Lace Company, The, Scranton, Pa. Window curtains, table covers, furniture scarfs, etc. Serial No. 527,354, Oct. 5. Class 42.
Sears, Roebuck and Co., Chicago, Ill. Hog feed and overhead conveyor type litter carriers, rotary wheel hog oilers, milking machines, etc. Serial No. 465,082, Oct. 5. Class 23.
Seiberling Rubber Company, Barberton, Ohio. Radio receiving sets and electric toasters. Serial No. 519,225, Oct. 5. Class 21.
Selmer, H. & A., Inc., Elkhart, Ind. Musical publications and compositions. Serial No. 547,488, Oct. 5. Class 38.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Vitamin preparation. Serial No. 542,358, Oct. 5. Class 6.
Shelby Crafto Corp., Chicago, Ill. Ornamental decorations, for festive occasions. Serial No. 529,935, Oct. 5. Class 50.
Shelton, Sue, Inc., Shelton, Conn., and New York, assignor to The Lerner Company, New York, N. Y. Ladies', misses', and girls' sweaters, knitted dresses and jackets. Serial No. 544,783, Oct. 5. Class 39.
Sherwin-Williams Company, The, Cleveland, Ohio. Silk screen outfit. Serial No. 524,742, Oct. 5. Class 50.
Sherwin-Williams Company, The, Cleveland, Ohio. Insecticides and fungicides. Serial No. 545,294, Oct. 5. Class 6.
Sherwin-Williams Company, The, Cleveland, Ohio. Insecticides and fungicides. Serial No. 545,297, Oct. 5. Class 6.
Smith, Irene F., Hyattsville, Md. Series of published translations, sold as such, of foreign-language documents pertaining to technical processes. Serial No. 525,508, Oct. 5. Class 38.
Smith, Kline & French Laboratories, Philadelphia, Pa. Inhalers. Serial No. 536,717, Oct. 5. Class 44.
Smith, Kline & French Laboratories, Philadelphia, Pa. Sulfonamide preparation. Serial No. 556,922, Oct. 5. Class 6.
Smithwick, Jack K., Shreveport, La. Artificial bait. Serial No. 528,123, Oct. 5. Class 22.
Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Medicaments. Serial No. 538,049, Oct. 5. Class 6.
Solar Corporation, Milwaukee, Wis. Storage batteries. Serial No. 529,414, Oct. 5. Class 21.
Sorg Paper Company, The, Middletown, Ohio. Writing paper, bond paper, and ledger paper. Serial No. 525,967, Oct. 5. Class 37.
South Atlantic Sales Company, Inc., Baltimore, Md. Macaroni. Serial No. 521,155, Oct. 5. Class 46.
Southern Advance Bag & Paper Co. Inc., Bangor, Maine, and Boston, Mass. Kraft wrapping paper. Serial No. 505,259, Oct. 5. Class 37.
Spalding, A. G., & Bros. Inc., Chicopee, Mass. Basketballs. Serial No. 541,034, Oct. 5. Class 22.
Spalding, A. G., & Bros. Inc., Chicopee, Mass. Tennis rackets, baseballs, footballs, etc. Serial No. 541,041, Oct. 5. Class 22.
Sport Products Inc., Cincinnati, Ohio. Blocking pads, shoulder pads, helmets, etc. Serial No. 501,417, Oct. 5. Class 22.
Sport Prbducts, Inc., Cincinnati, Ohio. Basketballs. Serial No. 530,974, Oct. 5. Class 22.
Sport Products, Inc., Cincinnati, Ohio. Golf clubs. Serial No. 530,977, Oct. 5. Class 22.
Stampoff: *See*—
Uptegraff, Sara H.
Stanback Company, Ltd., Salisbury, N. C. Analgesic preparations. Serial No. 545,553, Oct. 5. Class 6.
Standard Locknut & Lockwasher, Inc., assignee: *See*—
Aerquip Corporation.
Standard Ultramarine Co., The, Huntington, W. Va. Ultramarine blue, laundry blue, iron blue, etc. Serial No. 539,097, Oct. 5. Class 6.
Stannard, Forrest B., Clinton, Conn. Flexible shower sprays and shower heads. Serial No. 520,572, Oct. 5. Class 13.
Stauffer Chemical Company, San Francisco, Calif. Sulphur. Serial No. 545,595, Oct. 5. Class 6.
Stoeger Arms Corporation, New York, N. Y. Publication. Serial No. 546,902, Oct. 5. Class 38.
Storyk Blouses, Inc., New York, N. Y. Women's, misses', and children's and infants' wearing apparel. Serial No. 511,041, Oct. 5. Class 39.
Street & Smith Publications, Inc., New York, N. Y. Section or column in a periodical publication. Serial No. 550,179, Oct. 5. Class 38.
Sturgeon, Blanche M., Santa Barbara, Calif. Dolls. Serial No. 499,582, Oct. 5. Class 22.
Sun Glass Industries, Newark, N. J. Sun glasses. Serial No. 497,053, Oct. 5. Class 26.
Table Rock Laboratories, Inc., Greenville, S. C. Preparation for the treatment of rheumatism, arthritis, colds, etc. Serial No. 527,427, Oct. 5. Class 6.
Tacón, Luis E., New York, N. Y. Playing cards. Serial No. 512,543, Oct. 5. Class 22.
"Take-Along" Travel Chair Company, Thomasville, Ga. Chairs and folding chairs, cots, stools, etc. Serial No. 538,572, Oct. 5. Class 32.
Taylor, Taylor & Hobson, Limited, Leicester, England. Electric arc etching machines for marking metals. Serial No. 535,097, Oct. 5. Class 21.
Temp-Rite Corporation, Baltimore, Md. Oil burners, oil boilers, and air regulators, etc. Serial No. 544,220, Oct. 5. Class 34.
Terven, Lewis A., doing business as Lewis A. Terven Co., assignor to Lewis A. Terven Co., Salinas, Calif. Fresh carrots. Serial No. 534,694, Oct. 5. Class 46.
Terven, Lewis A., Co.: *See*—
Terven, Lewis A.
Thermoid Company, Trenton, N. J. Brake lining sets. Serial No. 546,438, Oct. 5. Class 35.
Thompson Company, The, Cedar Rapids, Iowa. Toys. Serial No. 505,322, Oct. 5. Class 22.
Thompson Hybrid Corn Company, Inc., Belmond, Iowa. Hybrid seed corn. Serial No. 538,468, Oct. 5. Class 1.
Tobacco World Corporation, The, Philadelphia, Pa. Monthly periodicals. Serial No. 545,181, Oct. 5. Class 38.
Triangle Publications, Inc., Philadelphia, Pa. Cartoons. Serial No. 528,827, Oct. 5. Class 38.
Trigon Corporation, The, assignee of Serene & Reeves, Santa Monica, Calif. Combination toys. Serial No. 491,130, Oct. 5. Class 22.
Tungsten Electric Corporation, Union City, N. J. Refractory metallic compositions. Serial No. 529,320, Oct. 5. Class 14.
Tyler, John D., Nashville, Tenn. Mouse traps. Serial No. 506,484, Oct. 5. Class 50.
Uptegraff, Sara H., Lewiston, N. Y., doing business under the name and style of Stampoff. Liquid for loosening postage stamps. Serial No. 519,499, Oct. 5. Class 6.
Velsicol Corporation, Chicago, Ill. Hydrocarbon solvents. Serial No. 525,717, Oct. 5. Class 6.
Victoria Juniors, New York, N. Y. Misses' and junior misses' coats, suits, jackets, etc. Serial No. 520,574, Oct. 5. Class 39.
Virginia-Carolina Chemical Corporation, Richmond, Va. All-purpose cleanser in powder form. Serial No. 558,830, Oct. 5. Class 4.
Visking Corporation, The, Chicago, Ill. Thin flexible plastic sheets. Serial No. 514,452, Oct. 5. Class 1.
Vitamins, Inc., Chicago, Ill. Vitamin D concentrate. Serial No. 540,945, Oct. 5. Class 6.
Wagner, Marcel, Glove Co., New York, N. Y. Men's and ladies' gloves made of leather. Serial No. 530,326, Oct. 5. Class 39.
Walker, Madam C. J., Manufacturing Company, Inc., The, Indianapolis, Ind. Pressing oil. Serial No. 528,842, Oct. 5. Class 6.
Warp Brothers: *See*—
Warp, Harold.
Warp, Harold, Chicago, Ill., doing business as Warp Brothers. Metal and plastic perforated sheet material. Serial No. 497,905, Oct. 5. Class 13.
Watson, Charles H., Laguna Beach, Calif., doing business as Watson Industries. Device comprising a base with guiding feathers. Serial No. 510,818, Oct. 5. Class 22.
Watson Industries: *See*—
Watson, Charles H.
Weber Costello Co., Chicago Heights, Ill. Writing boards. Serial No. 532,777, Oct. 5. Class 50.
Weber Costello Co., Chicago, Ill. Writing boards. Serial No. 532,779, Oct. 5. Class 50.

Weber Costello Co., Chicago Heights, Ill. Writing boards in the form of chalkboards. Serial No. 532,783, Oct. 5. Class 50.
Wennonah Cotton Mills Company, Lexington, N. C. Ticking. Serial No. 553,228, Oct. 5. Class 42.
Werk, M., Company, The, St. Bernard, Ohio. Cleaning compound. Serial No. 552,295, Oct. 5. Class 4.
West Kentucky Coal Company, Earlington, Ky. Coal. Serial No. 534,846, Oct. 5. Class 1.
White, J. C., Engineering Corporation, The, New York, N. Y., and Dover, Del. Engineering. Serial No. 547,080, Oct. 5. Class 55.
Whitehall Pharmacal Company, New York, N. Y. Shampoo. Serial No. 552,526, Oct. 5. Class 6.
Whiz Fish Products Company, Seattle, Wash. Canned fish. Serial No. 528,975, Oct. 5. Class 46.
Wiegand, Edwin L., Company, Pittsburgh, Pa. Electric heating units and electric heaters. Serial No. 527,709, Oct. 5. Class 21.
Wilt Incorporated, Long Island City, N. Y. Preparation for softening beards, underarm shaving, and shaving the legs. Serial No. 537,762, Oct. 5. Class 4.
Winslow Product Engineering Corporation, Los Angeles, Calif. Chuck pencils. Serial No. 521,045, Oct. 5. Class 37.
Wyeth Incorporated, Philadelphia, Pa. Mixture of protein free maltose and dextrins, prepared cereals, powdered milk, etc. Serial No. 540,226, Oct. 5. Class 46.
Wyeth Incorporated, Philadelphia, Pa. Basic aluminum carbonate gel. Serial No. 543,247, Oct. 5. Class 6.
X-Ray Products Corporation, Los Angeles, Calif. Medical and dental radiographic and fluoroscopic machines and apparatus. Serial No. 493,991, Oct. 5. Class 44.
Youthcraft Manufacturing Co., Kansas City, Mo. Women's, misses', and children's coats and suits. Serial No. 495,562, Oct. 5. Class 39.
Zephyr American Corporation, New York, N. Y. Notebook holders for stenographers. Serial No. 532,082, Oct. 5. Class 37.
Zodiac, S. A., La Chaux-de-Fonds and Le Locle, Switzerland. Watches and parts thereof. Serial No. 513,546, Oct. 5. Class 27.

LIST OF REGISTRANTS OF TRADE-MARKS

A. B. T. Manufacturing Corp., Chicago, Ill. Air rifles. 502,753, Oct. 5; Serial No. 484,380. Class 9.
Abbott Alkaloidal Co., The, Chicago, by Abbott Laboratories, North Chicago, Ill. Remedies for the cure or alleviation of croup, etc. 42,124, Feb. 23, 1904. Republished Oct. 5. Class 4.
Abbott Alkaloidal Co., The, Chicago, by Abbott Laboratories, North Chicago, Ill. Remedies for the cure or alleviation of diseases, etc. 44,140, Feb. 7, 1905. Republished Oct. 5. Class 6.
Abbott Laboratories: *See*—
Abbott Alkaloidal Co., The.
Abbott Laboratories, North Chicago, Ill. Preparation intended for use in the treatment of bronchial spasm such as in asthma. 502,747, Oct. 5; Serial No. 550,197, published June 29, 1948. Class 6.
Adco, Inc., Sedalia, Mo. Liquid dry cleaning soap. 502,649, Oct. 5; Serial No. 534,711, published July 6, 1948. Class 4.
Agnus, Felix, trustee, by Hearst Consolidated Publications, Inc., Baltimore, Md. Newspaper. 69,299, June 2, 1908. Republished Oct. 5, 1948. Class 38.
Aircraft Screw Products Company, Inc., Brooklyn, by Heli-Coil Corporation, Long Island City, N. Y. Bolts, studs, nuts, etc. 368,446, June 20, 1939. Republished Oct. 5. Class 13.
Aircraft Screw Products Company, Incorporated, by Heli-Coil Corporation, Long Island City, N. Y. Spark plug bushings. 399,390, Jan. 5, 1943. Republished Oct. 5. Class 21.
Aircraft Screw Products Company, Inc., by Heli-Coil Corporation, Long Island City, N. Y. Magazine. 403,511, Sept. 28, 1943. Republished Oct. 5. Class 38.
Aircraft Screw Products Company, Incorporated, by Heli-Coil Corporation, Long Island City, N. Y. Screw connections and parts of screw connections. 404,065, Nov. 2, 1943. Republished Oct. 5. Class 13.
Aircraft Screw Products Company, Inc., by Heli-Coil Corporation, Long Island City, N. Y. Tools, apparatus and machines. 419,109, Feb. 5, 1946. Republished Oct. 5. Class 23.
Aircraft Screw Products Company, Inc., by Heli-Coil Corporation, Long Island City, N. Y. Screw connections and parts of screw connections. 419,476, Feb. 19, 1946. Republished Oct. 5. Class 13.
Airline Foods Corporation: *See*—
Kussy, Herman.
Albers Bros. Milling Co., Sacramento, San Francisco, Los Angeles, Oakland, Riverside, Fresno, and San Jose, Calif., and Seattle, Tacoma, and Spokane, Wash., by Albers Milling Company, Los Angeles, Calif. Stock and poultry feeds. 347,576, June 29, 1937. Republished Oct. 5. Class 46.
Albers Milling Company: *See*—
Albers Bros. Milling Co.
Allen, Horace L., Mfg. Co., by Washington Manufacturing Company, Nashville, Tenn. Boys' and men's work, dress, and negligee shirts. 250,184, Dec. 4, 1928. Republished Oct. 5, 1948. Class 39.
Allen, Mark, Co.: *See*—
Allen, Mark W., & Co.
Allen, Mark W., & Co., by Mark Allen Co., Detroit, Mich. Shaving cream soaps, shaving soaps. 234,060, Oct. 18, 1927. Republished Oct. 5. Class 4.
Allied Chemical & Dye Corporation: *See*—
Schoellkopf, Hartford & Hanna.
Allied Chemical & Dye Corporation, New York, N. Y. Dyestuffs. 502,692–3, Oct. 5; Serial Nos. 539,469–70, published June 15, 1948. Class 6.
Allied Stores Corporation, New York, N. Y. Hosiery. 364,233, Jan. 24, 1939. Republished Oct. 5. Class 39.
Allied Stores Corporation, New York, N. Y. Ladies' coats and suits. 388,783, July 8, 1941. Republished Oct. 5. Class 39.
Allied Stores Corporation, New York, N. Y. Women's ready to wear and accessories. 406,584, Apr. 11, 1944. Republished Oct. 5. Class 39.
Allied Stores Corporation, Wilmington, Del. Children's coats, suits, etc. 425,041, Oct. 29, 1946. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 39.
Altman, B., & Co., New York, N. Y. Toilet soap. 502,669, Oct. 5; Serial No. 538,700, published June 8, 1948. Class 4.
American Chain and Cable Company, Inc.: *See*—
Campbell, Andrew C.
American Chain & Cable Company, Inc., Bridgeport, Conn. Wire rope and wire strand. 356,482, Apr. 26, 1938. Republished Oct. 5. Class 7.
American Optical Company, Southbridge, Mass. Goggles and parts thereof. 244,647, renewed July 24, 1948. O. G. Oct. 5. Class 26.
American Optical Company, Southbridge, Mass. Natural and manufactured corundum and glass polishing compounds. 440,893, Oct. 5; Serial No. 524,645, published June 22, 1948. Class 4.
American Ship Building Company, The, Cleveland, Ohio. Marine vessels and ships and parts thereof. 440,876–7, Oct. 5; Serial Nos. 519,156–7, published July 6, 1948. Class 19.
Ames Company, Inc., Elkhart, Ind. Reagent tablet. 502,709, Oct. 5; Serial No. 544,683, published June 22, 1948. Class 6.
Ames Company, Inc., Elkhart, Ind. Physiologic laxative. 502,710, Oct. 5; Serial No. 544,684, published June 15, 1948. Class 6.
Ames Company, Inc., Elkhart, Ind. Preparation for use as an indicator for determining the presence or absence of sugar in urine. 502,711, Oct. 5; Serial No. 544,685, published June 15, 1948. Class 6.
Annette's Perfect Cleanser Co.: *See*—
Jennings, Annette R.
Archdale Mfg. Co., Archdale, N. C. Women's and children's slips and petticoats. 440,864, Oct. 5; Serial No. 514,880, published June 8, 1948. Class 39.
Arizona Citrus Growers, Phoenix, Ariz. Fresh citrus fruits. 250,624, renewed Dec. 11, 1948. O. G. Oct. 5. Class 46.
Armour and Company: *See*—
Armour Fertilizer Works.
Armour Fertilizer Works, Atlanta, Ga., by Armour and Company, Chicago, Ill. Fertilizer. 337,219, Aug. 4, 1936. Republished Oct. 5. Class 10.
Athol Manufacturing Company, Athol, Mass. Woven fabrics of cotton impregnated with pyroxylin solution. 245,478, renewed Aug. 14, 1948. O. G. Oct. 5. Class 42.
Athol Manufacturing Company, Athol, Mass. Artificial leather. 248,071, renewed Oct. 16, 1948. O. G. Oct. 5. Class 42.
Atkins, E. C., and Company, Indianapolis, Ind. Cross cut saws. 242,812, renewed June 5, 1948. O. G. Oct. 5. Class 23.
Atlanta Belting Company, Atlanta, Ga. Leather belting. 248,755, renewed Oct. 30, 1948. O. G. Oct. 5. Class 35.
Atlantic Refining Company, The, Philadelphia, Pa. Liquid dry cleaner. 502,683, Oct. 5; Serial No. 539,017, published June 8, 1948. Class 4.
Attorney General of the United States, Vested in: *See*—
Mulhens, Paul P.
Aunt Nellie's Farm Kitchen, Inc., Hartford, to Aunt Nellie's Farm Kitchen, Inc., Clyman, Wis. Canned peas, canned corn, canned beets, etc. 245,916, renewed Aug. 28, 1948. O. G. Oct. 5. Class 46.

Avon Products, Inc., New York, N. Y. Toothbrushes. 502,657, Oct. 5; Serial No. 536,990, published July 6, 1948. Class 29.

B. C. Company, Ltd., New York, N. Y., by Gordon-O'Neill Company, Jersey City, N. J. Wines. 311,754, Apr. 3, 1934. Republished Oct. 5. Class 47.

B. C. Company Ltd., New York, N. Y., assignor to Gordon O'Neill Co., Inc., by Gordon-O'Neill Company, Jersey City, N. J. Whiskey, gin, rum, etc. 350,969, Oct. 12, 1937. Republished Oct. 5. Class 49.

Bacharach Industrial Instrument Company, Pittsburgh, Pa. Draft gauges. 347,909, July 13, 1937. Republished Oct. 5. Class 26.

Bacharach Industrial Instrument Company, Pittsburgh, Pa. Small temperature recording instruments. 428,179, Mar. 11, 1947. Republished Oct. 5. Class 26.

Baker Extract Company, Springfield, Mass. Rhubarb, sweet oil, glycerine, etc. 308,444, Dec. 5, 1933. Amended. O. G. Oct. 5. Class 6.

Baker, Mark W., doing business as Colorado Springs Toy & Novelty Co., Colorado Springs, Colo. Miniature toy circus. 440,883, Oct. 5; Serial No. 520,616, published June 29, 1948. Class 22.

Baltimore Salvage Company: *See*—
Blum, Edward L.

Baltimore Salvage Co. Inc.: *See*—
Blum, Edward L.

Banner Watch Co.: *See*—
Schein & Engel Co.

Barret Textile Corporation, New York, N. Y. Textile fabrics in the piece. 440,902, Oct. 5; Serial No. 509,070. Class 42.

Bartlett Hayward Division (1944): *See*—
Koppers Company.

Barton Salt Company, The, Hutchinson, Kans. Preparation of salt, calcium and phosphorus. 336,417, July 7, 1936. Republished Oct. 5. Class 6.

Bassette, Roy D., Jr., doing business as Spangle Solvents Company, West Hartford, Conn. Glass cleanerr and household cleaner. 440,884, Oct. 5; Serial No. 520,678, published June 22, 1948. Class 4.

Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mountings and parts thereof. 251,463, renewed Jan. 8, 1949. O. G. Oct. 5. Class 26.

Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic lenses. 251,531, renewed Jan. 8, 1949. O. G. Oct. 5. Class 26.

Becker, H., Co., Inc.: *See*—
Becker & Peck Incorporated.

Becker & Peck Incorporated, by H. Becker Co., Inc., New York, N. Y. Baby boy suits and boys' suits, sun suits, overalls and ski-suits. 374,356, Jan. 9, 1940. Republished Oct. 5. Class 39.

Begley, George, Jr., Chicago, Ill. Perfume and cologne. 416,330, Sept. 4, 1945. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 6.

Behning Piano Company by Kohler & Campbell Inc., New York, N. Y. Pianos. 78,484, June 21, 1910. Republished Oct. 5. Class 36.

Belmont Laboratories, Chicago, Ill. Household deodorant. 416,037, Aug. 21, 1945. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 6.

Benard & Honnorat, doing business as Molinard, Grasse, France. Perfume, toilet water, cologne, etc. 502,743–4. Oct. 5; Serial Nos. 548,314–15, published June 29, 1948. Class 6.

Benard & Honnorat, doing business as Molinard, Grasse, France. Perfume, toilet water, cologne, etc. 502,745. Oct. 5; Serial No. 548,317, published June 29, 1948. Class 6.

Ben-Hur Mfg. Co., Milwaukee, Wis. Automobile trailers. 440,849, Oct. 5; Serial No. 507,613, published July 6, 1948. Class 19.

Benrus Watch Company, by Benrus Watch Company, Inc., New York, N. Y. Watches. 409,523, Oct. 10, 1944. Republished Oct. 5. Class 27.

Benrus Watch Company, Inc.: *See*—
Benrus Watch Company.
Lazrus, Benjamin.

Benzol Products Company, Newark, N. J. Compound, lithium oxyquinolinate. 502,712, Oct. 5; Serial No. 544,692, published July 6, 1948. Class 6.

Berliner, Edwin E., & Co., New York, N. Y. Cotton gabardine cloth in the piece. 502,754, Oct. 5; Serial No. 489,639. Class 42.

Berman, M., & Son: *See*—
Berman, Meyer.

Berman, M., & Sons: *See*—
Berman, Meyer.

Berman, Meyer, doing business as M. Berman & Son, to M. Berman & Sons, New York, N. Y. Trousers for men or boys. 248,700, renewed Oct. 30, 1948. O. G. Oct. 5. Class 39.

Better Cars, Inc., New York, N. Y. Reconditioned automobiles. 502,670, Oct. 5; Serial No. 538,714, published July 6, 1948. Class 19.

Bic-Keen, Inc., Detroit, Mich. Game. 440,887, Oct. 5; Serial No. 522,245, published June 29, 1948. Class 22.

Black Manufacturing Co., The, Seattle, Wash. Overalls, mackinaws, waterproof outergarments, etc. 100,949. Nov. 3, 1914. Republished Oct. 5. Class 39.

Black Manufacturing Co., The, Seattle, Wash. Overalls, jumpers, play suits, etc. 263,390. Nov. 12, 1929. Republished Oct. 5. Class 39.

Blair of Virginia: *See*—
Morton Manufacturing Corporation.

Blancard & Co., Inc.: *See*—
Blancard & Company, Inc.

Blancard & Co., Inc., Newark, N. J., by Blancard & Co., Inc., New York, N. Y. Wedding rings. 214,411, June 22, 1926. Republished Oct. 5. Class 28.

Blancard & Company, Inc., by Blancard & Co., Inc., New York, N. Y. Finger rings. 251,816, Jan. 15, 1929. Republished Oct. 5. Class 28.

Blish Milling Company, Seymour, Ind. Wheat flour. 77,287, Mar. 29, 1910. Republished Oct. 5. Class 46.

Blish Milling Company, Seymour, Ind. Wheat flour. 80,637–8, Jan. 17, 1911. Republished Oct. 5. Class 46.

Block Drug Company, Inc.: *See*—
Emergency Laboratories.

Blossom Products Corporation, Allentown, Pa. Bloomers, panties, pantalets, etc. 502,684, Oct. 5; Serial No. 539,021, published June 8, 1948. Class 39.

Blum, Edward L., doing business as Baltimore Salvage Company, assignor to Baltimore Salvage Co. Inc., Baltimore, Md. Asphalt compositions. 440,832, Oct. 5; Serial No. 486,455, published June 29, 1948. Class 12.

Bocchio, Luisa, doing business as Luisa Bocchio & Co., Garfield, N. J. Salve for treatment of cancer. 249,318, renewed Nov. 13, 1948. O. G. Oct. 5. Class 6.

Bocchio, Luisa, & Co.: *See*—
Bocchio, Luisa.

Boeing Airplane Company, to Boeing Airplane Company, Seattle, Wash. Airplanes and structural parts. 247,992, renewed Oct. 9, 1948. O. G. Oct. 5. Class 19.

Bohack, H. C., Co., Inc., Brooklyn, N. Y. Canned fruits, canned vegetables, hams, etc. 244,280, July 17, 1928. Corrected. O. G. Oct. 5. Class 46.

Boott Mills, Lowell, Mass. Cotton piece goods. 66,323, Nov. 19, 1907. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Cotton piece goods. 79,402, Sept. 6, 1910. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Cotton piece goods. 133,912, Aug. 10, 1920. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Curtains. 242,331, May 22, 1928. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Cotton cloth. 248,668, Oct. 30, 1928. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Scrim in the piece. 254,468, Mar. 26, 1929. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Cotton piece goods. 259,572, Aug. 6, 1929. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Scrim, curtains, and hand and bath towels. 261,257, Sept. 10, 1929. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Hand towels and bath towels. 268,387, Mar. 11, 1930. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Scrim in the piece. 277,888, Dec. 2, 1930. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Curtains. 305,821, Aug. 22, 1933. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Towels. 367,582, May 23, 1939. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Corduroy in the piece. 374,017, Dec. 26, 1939. Republished Oct. 5. Class 42.

Boott Mills, Lowell, Mass. Towels and toweling. 386,796, Apr. 22, 1941. Republished Oct. 5. Class 42.

Borden Company, The, New York, N. Y. Ice cream and other frozen confections. 385,998, Mar. 25, 1941. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 46.

Boron Alloy Tool Corporation, New York, N. Y. Machinist's cutting, abrading, and forming tools, and wire dies. 301,196, Feb. 21, 1933. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 23.

Boutwell Milne & Varnum Co., by Rock of Ages Corporation, Barre, Vt. Granite blocks and monumental stones. 95,516, Feb. 24, 1914. Republished Oct. 5. Class 12.

Bradley Lumber Company of Arkansas, Warren, Ark. Hardwood flooring and trim. 250,655, renewed Dec. 11, 1948. O. G. Oct. 5. Class 12.

Bradley, Milton, Company, Springfield, Mass. Toy tops and a top game. 440,866, Oct. 5; Serial No. 515,408, published June 29, 1948. Class 22.

Broom & Newman, New York, N. Y. Dress and negligee shirts, pajamas, and shorts. 324,265, May 14, 1935. Republished Oct. 5. Class 39.

Brown, Andrew, Company: *See*—
Brown, Andrew, Co., Inc.

Brown, Andrew, Company, by Andrew Brown Company, Los Angeles, Calif. Paint enamels, varnishes, lacquers. 305,087, Aug. 1, 1933. Republished Oct. 5. Class 16.

Brown, Andrew, Co., Inc., by Andrew Brown Company, Los Angeles, Calif. Dried, paste, and ready-mixed paints, etc. 246,553, Sept. 11, 1928. Republished Oct. 5. Class 16.

Brown, Charles P., Santa Fe, N. Mex., by Morton Manufacturing Corporation, Lynchburg, Va. Preparation used in the treatment of chapped hands, and the like. 375,567, Feb. 20, 1940. Republished Oct. 5. Class 6.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard chalk. 345,479, Apr. 27, 1937. Republished Oct. 5. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard and pocket-billiard balls. 382,894, Nov. 12, 1940. Republished Oct. 5. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Carom billiard balls. 406,351, Mar. 28, 1944. Republished Oct. 5. Class 22.

Brunswig Drug Company, Los Angeles, Calif. Antiseptic cones; antiseptic powder; beef, iron, and wine, etc. 211,032, Mar. 30, 1926. Republished Oct. 5. Class 6.

Burkhardt Company, The: *See*—
Burkhardt Company, Inc., The.

Burkhardt Company, Inc., The, by The Burkhardt Company, Detroit, Mich. Imitation leather. 197,643, Apr. 21, 1925. Republished Oct. 5. Class 50.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Surgical lubricant. 440,859, Oct. 5; Serial No. 512,962, published July 29, 1947. Class 6.

Busby, Augustus C., by Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 15,013, Dec. 13, 1887. Republished Oct. 5. Class 15.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black for printing and lithographing inks. 502,658, Oct. 5; Serial No. 536,999, published June 15, 1948. Class 11.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black for printing and lithographing inks. 502,664, Oct. 5; Serial No. 538,094, published June 15, 1948. Class 11.

California Sea Food Company: *See*—
Rex, M. A.

California Sea Food Corp.: *See*—
Rex, M. A.

Callaway Mills Company: *See*—
Hillside Cotton Mills.

Cameron, Wm., & Co., Inc., Waco, Tex. Furniture. 250,676, renewed Dec. 11, 1948. O. G. Oct. 5. Class 32.

Campbell, Andrew C., Incorporated, Waterbury, to American Chain and Cable Company, Inc., Bridgeport, Conn. Machines for cutting or punching sheet metal. 244,283, renewed July 17, 1948. O. G. Oct. 5. Class 23.

Cardinell Products, Montclair, N. J. Protractors. 423,030, Aug. 20, 1946. Republished Oct. 5. Class 26.

Carey's Sandwich Shop, Ithaca, N. Y. Sandwiches. 502,762, Oct. 5; Serial No. 522,032. Class 46.

Carran, Grace B., doing business as Central Petroleum Company, by Central Petroleum Company, Cleveland, Ohio. Lubricating oils and greases. 173,468, Sept. 25, 1923. Republished Oct. 5. Class 15.

Carran, Grace B., doing business as Central Petroleum Company, by Central Petroleum Company, Cleveland, Ohio. Oil. 278,439, Dec. 16, 1930. Republished Oct. 5. Class 6.

Cavendish Trading Corporation, New York, N. Y. Handbags, wallets, portfolios, etc. 412,735, Mar. 20, 1945. Republished Oct. 5. Class 3.

Celotex Corporation, The: *See*—
Dahlbert & Company, Inc.

Central Petroleum Company: *See*—
Carran, Grace B.

Central Wisconsin Canneries, Beaver Dam, Wis., by Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. 350,937, Oct. 12, 1937. Republished Oct. 5. Class 46.

Central Wisconsin Canneries, Beaver Dam, Wis., by Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. 361,930, Nov. 8, 1938. Republished Oct. 5. Class 46.

Central Wisconsin Canneries, Beaver Dam, Wis., by Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. 371,060, Sept. 19, 1939. Republished Oct. 5. Class 46.

Central Wisconsin Canneries, Inc., Beaver Dam, Wis., by Minnesota Valley Canning Company, Le Sueur, Minn. Canned peas. 326,648, July 30, 1935. Republished Oct. 5. Class 46.

Century Ribbon Mills, Inc.: *See*—
Century Ribbon Mills, Inc. (Ernest & Herman Levy).
Levy, Ernest & Herman.

Century Ribbon Mills, Inc. (Ernest & Herman Levy), by Century Ribbon Mills, Inc., New York, N. Y. Ribbons. 350,129–30, Sept. 14, 1937. Republished Oct. 5. Class 42.

Charles of the Ritz, Inc., New York, N. Y. Toilet soap. 440,836, Oct. 5; Serial No. 490,743, published Mar. 26, 1946. Class 4.

Chartreuse Corporation, New York, N. Y. Liqueurs. 362,754, Nov. 29, 1938. Republished Oct. 5. Class 49.

Christensen, Edward A., Kalamazoo, Mich. Word game. 440,888, Oct. 5; Serial No. 522,367, published June 29, 1948. Class 22.

Church & Dwight Co., Inc., New York, N. Y. Sal soda and monohydrated carbonate of soda. 502,613, Oct. 5; Serial No. 526,763, published June 22, 1948. Class 6.

Cleveland-Cliffs Iron Company, The: *See*—
Cleveland-Cliffs Iron Co., The.

Cleveland-Cliffs Iron Company, The, by The Cleveland-Cliffs Iron Company (1947), Cleveland, Ohio. Coal. 252,054, Jan. 22, 1929. Republished Oct. 5. Class 1.

Cleveland-Cliffs Iron Co., The, by The Cleveland-Cliffs Iron Company, Cleveland, Ohio. Coal. 316,136, Aug. 14, 1934. Republished Oct. 5. Class 1.

Cleveland-Cliffs Iron Co., The, by The Cleveland-Cliffs Iron Company, Cleveland, Ohio. Lumber and railroad ties. 318,350, Oct. 23, 1934. Republished Oct. 5. Class 12.

Cleveland-Cliffs Iron Co., The, by The Cleveland-Cliffs Iron Company, Cleveland, Ohio. Coal. 335,131, May 26, 1936. Republished Oct. 5. Class 1.

Cleveland-Cliffs Iron Company, The, by The Cleveland-Cliffs Iron Company, Cleveland, Ohio. Coal. 378,142–3, May 28, 1940. Republished Oct. 5. Class 1.

Cleveland-Cliffs Iron Company, The, (1947): *See*—
Cleveland-Cliffs Iron Company, The.

Cleveland Gypsum Company, The, Cleveland, Ohio. Acoustical and sound absorbing plaster. 502,688, Oct. 5; Serial No. 539,393, published June 29, 1948. Class 12.

Clover Leaf Paint & Varnish Corporation: *See*—
Mayer & Loewenstein.

Cochran, Jacqueline, doing business as Jacqueline Cochran Cosmetics, assignor to Jacqueline Cochran, Inc., Newark, N. J. Cosmetics and beauty preparations. 502,655. Oct. 5; Serial No. 536,584, published June 15, 1948. Class 6.

Cochran, Jacqueline, Cosmetics: *See*—
Cochran, Jacqueline.

Cochran, Jacqueline, Inc.: *See*—
Cochran, Jacqueline.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Perfume and talc powder. 502,633, Oct. 5; Serial No. 531,890, published June 29, 1948. Class 6.

Colorado Springs Toy & Novelty Co.: *See*—
Baker, Mark W.

Columbian Rope Company, Auburn, N. Y. Rope, cable, tarred lath and fodder yarns, etc. 61,075, Mar. 5, 1907. Republished Oct. 5. Class 7.

Columbian Rope Company, Auburn, N. Y. Rope, cable, tarred lath and fodder yarns, etc. 65,092, Sept. 10, 1907. Republished Oct. 5. Class 7.

Columbian Rope Company, Auburn, N. Y. Resin-impregnated vegetable fiber material. 408,633, Aug. 22, 1944. Republished Oct. 5. Class 1.

Comex Trading Co., Inc., New York, N. Y. Olive oil. 384,003, Dec. 31, 1940. Republished Oct. 5. Class 46.

Consumers Company, by Consumers Company, Chicago, Ill. Coal, coke, ice, and building materials. 200,772, July 7, 1925. Republished Oct. 5. Class 1.

Conti Products Corporation, Brooklyn, N. Y. Liquid shampoo and complexion cream. 502,739, Oct. 5; Serial No. 547,403, published June 15, 1948. Class 6.

Cool Ocean Co.: *See*—
Russell, Felix C.

Cork Manufacturing Company Limited, London, England. Washers, gaskets, and jointings, all in the nature of packings. 243,628, renewed June 26, 1948. O. G. Oct. 5. Class 35.

Cork Manufacturing Company Limited, London, England. Mats for motor vehicles. 245,548, renewed Aug. 14, 1948. O. G. Oct. 5. Classes 19 and 50.

Corn Products Refining Company, New York, N. Y. Powder for preparing cold-water paste. 241,991, renewed May 8, 1948. O. G. Oct. 5. Class 5.

Corn Products Refining Company, New York, N. Y. Corn binder made of starch. 241,992, renewed May 8, 1948. O. G. Oct. 5. Class 5.

Cornwaste Co.: *See*—
McClelland, Ernest.

Corsetry, Inc., New York, N. Y. Corsets, girdles, and foundation garments. 502,626, Oct. 5; Serial No. 528,699, published June 8, 1948. Class 39.

Coegrove Brothers, Inc., Quincy, Mass. Underwear and lingerie. 440,835, Oct. 5; Serial No. 490,105, published June 4, 1946. Class 39.

Cosmex Corp., New York, N. Y. Skin lotion or wash. 422,313, July 16, 1946. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 6.

Coty, Inc., Wilmington, Del., and New York, N. Y., to Coty, Inc., New York, N. Y. Lip rouge and lip sticks. 247,551, renewed Oct. 2, 1948. O. G. Oct. 5. Class 6.

Cracker Jack Co., The, Chicago, Ill. Candy. 251,330, renewed Jan. 1, 1949. O. G. Oct. 5. Class 46.

Crandall Packing Company, by The Garlock Packing Company, Palmyra, N. Y. Steam, water, gas, etc., packing. 336,030, June 23, 1936. Republished Oct. 5. Class 35.

Crescent Belting and Packing Company, by Crescent Insulated Wire and Cable Co. Inc., Trenton, N. J. Insulated wire. 96,500, Apr. 21, 1914. Republished Oct. 5. Class 21.

Crescent Insulated Wire and Cable Co. Inc.: *See*—
Crescent Belting and Packing Company.

Crescent Insulated Wire & Cable Co. Inc., Trenton, N. J. Rubber insulation. 361,657, Oct. 25, 1938. Republished Oct. 5. Class 21.

Crofut & Knapp Co., The, to Hat Corporation of America, Norwalk, Conn. Caps and hats. 176,268, Nov. 20, 1923. New certificate. O. G. Oct. 5. Class 39.

Crofut & Knapp Co., The, to Hat Corporation of America, Norwalk, Conn. Caps and hats of felt, straw, etc. 220,944, Nov. 16, 1926. New certificate. O. G. Oct. 5. Class 39.

Crofut & Knapp Co., The, to Hat Corporation of America, Norwalk, Conn. Hats for men and women. 234,609, Nov. 1, 1927. New certificate. O. G. Oct. 5. Class 39.

Crofut & Knapp Co., The, to Hat Corporation of America, Norwalk, Conn. Headwear—namely, caps and hats for men and women. 287,266, Sept. 15, 1931. New certificate. O. G. Oct. 5. Class 39.

Croscill Curtain Co., Inc., New York, N. Y. Window curtains. 502,757, Oct. 5; Serial No. 515,258. Class 42.

Crown Willamette Paper Company, to Crown Zellerbach Corporation, San Francisco, Calif. Papers. 250,760, renewed Dec. 18, 1948. O. G. Oct. 5. Class 37.

Crown Zellerbach Corporation: *See*—
Crown Willamette Paper Company.

Cruver Manufacturing Company, Chicago, Ill. Playing cards. 440,860–1, Oct. 5; Serial Nos. 513,160–1, published June 29, 1948. Class 22.

Cue Publishing Co., Inc., New York, N. Y. Weekly periodical. 332,886, Mar. 3, 1936. Republished Oct. 5. Class 38.

Curtis, A. W., Jr., Detroit, Mich. Rubbing oil. 416,249, Sept. 4, 1945. Republished Oct. 5. Class 6.
Cutter Laboratories, Berkeley, Calif. Intravenous solution for the treatment of diarrhea in infants. 502,708, Oct. 5; Serial No. 544,330, published June 22, 1948. Class 6.
Dahlbert & Company, Inc., by The Celotex Corporation, Chicago, Ill. Composition of material. 167,870, May 8, 1923. Republished Oct. 5. Class 12.
Dallas Ceramic Company, Dallas, Tex. Ceramic tile. 502,630, Oct. 5; Serial No. 529,883, published June 1, 1948. Class 12.
Davies-Young Soap Company, The, Dayton, Ohio. Grit paste soap. 502,611, Oct. 5; Serial No. 526,512, published June 8, 1948. Class 4.
Davison Chemical Corporation, The, Baltimore, Md. Asphaltic compound in liquid form. 440,901, Oct. 5; Serial No. 470,966. Class 16.
Dayton Liniment Company: *See*—
Hussey, Harrie D.
Dearborn Company, The, Chicago, Ill. Furniture. 201,182, July 21, 1925. Republished Oct. 5. Class 32.
De Boer, H. O., doing business as H. O. De Boer & Associates, Lombard, Ill. Student and adult passenger bus bodies. 440,834, Oct. 5; Serial No. 489,902, published July 6, 1948. Class 19.
De Boer, H. O., & Associates: *See*—
De Boer, H. O.
Deister Concentrator Company, The, Fort Wayne, Ind. Vibrating screens. 248,359, renewed Oct. 16, 1948. O. G. Oct. 5. Class 23.
De Kurowski, Juljan B., London, England. Clocks. 430,809, June 24, 1947. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 27.
Deltox Rug Company, Oshkosh, Wis. Rugs and textile floor mats. 502,767, Oct. 5; Serial No. 535,225. Class 42.
Densco, Incorporated: *See*—
Dental Specialty Manufacturing Co., Inc., The.
Dental Specialty Manufacturing Co., Inc., The, by Densco, Incorporated, Denver, Colo. Handpiece cleaner and lubricant. 418,052, Nov. 27, 1945. Republished Oct. 5. Class 15.
Dental Specialty Manufacturing Co., Inc., The, by Densco, Incorporated, Denver, Colo. Dental sedative cement, acrylic denture material, and denture repair material. 420,678, Apr. 30, 1946. Republished Oct. 5. Class 44.
Dental Specialty Manufacturing Co., Inc., The, by Densco, Incorporated, Denver, Colo. Handpiece lubricant and cleaner. 424,499, Oct. 8, 1946. Republished Oct. 5. Class 15.
Dental Specialty Manufacturing Co., Inc., The, now by change of name Densco, Incorporated, by Densco, Incorporated, Denver, Colo. Diamond instrument cleaner. 428,719, Apr. 1, 1947. Republished Oct. 5. Class 6.
Detmer, Bruner & Mason, Inc.: *See*—
Detmer Woolen Company.
Detmer Woolen Company, to Detmer, Bruner & Mason, Inc., New York, N. Y. Cotton and woolen piece goods. 66,569, re-renewed Dec. 10, 1947. O. G. Oct. 5. Class 42.
Devonshire Mills Co., Inc., New York, N. Y. Cotton goods in the piece and silk and cotton goods in the piece. 106,845, Nov. 2, 1915. Republished Oct. 5. Class 42.
Devonshire Mills Company, Inc., New York, N. Y. Wide goods in the piece, wide elastic goods in the piece. 349,320, Aug. 24, 1937. Republished Oct. 5. Class 42.
Diebold, Incorporated: *See*—
Diebold Safe & Lock Company.
Visible Records Equipment Company.
York Safe and Lock Co.
Diebold, Incorporated, Canton, Ohio. Rotary type visible filing cases and cabinet and wheel rack parts thereof, etc. 406,270, Mar. 21, 1944. Republished Oct. 5. Class 32.
Diebold, Incorporated, Canton, Ohio. Business, bookkeeping, filing, and posting record equipment. 410,202, Nov. 14, 1944. Republished Oct. 5. Class 37.
Diebold, Incorporated, Canton, Ohio. Business, bookkeeping, filing, and posting record equipment. 410,470, Nov. 28, 1944. Republished Oct. 5. Class 37.
Diebold Safe and Lock Company, by Diebold, Incorporated, Canton, Ohio. Filing safes, fire-proof safes, burglar-proof safes, etc. 161,934, Nov. 28, 1922. Republished Oct. 5. Class 25.
Diebold Safe & Lock Company, by Diebold, Incorporated, Canton, Ohio. Periodical publication and catalogs. 224,902, Mar. 8, 1927. Republished Oct. 5. Class 38.
Diebold Safe & Lock Company, now by change of name, Diebold, Incorporated, by Diebold, Incorporated, Canton, Ohio. Filing safes, fireproof safes, burglarproof safes, etc. 404,085, Nov. 2, 1943. Republished Oct. 5. Class 25.
Diebold Safe & Lock Company, now by change of name, Diebold, Incorporated, by Diebold, Incorporated, Canton, Ohio. Index cards, index folders, index guides, etc. 404,119, Nov. 2, 1943. Republished Oct. 5. Class 37.
Diebold Safe & Lock Company, now by change of name, Diebold, Incorporated, by Diebold, Incorporated, Canton, Ohio. Letter and card filing cases, file cases and cabinets, etc. 406,133, Mar. 14, 1944. Republished Oct. 5. Class 32.
Disston, Henry, & Sons, Incorporated, Philadelphia, Pa. Saws. 70,860, re-renewed Oct. 13, 1948. O. G. Oct. 5. Class 23.
Disston, Henry, & Sons, Incorporated, Philadelphia, Pa. Saw sets. 71,983, re-renewed Dec. 29, 1948. O. G. Oct. 5. Class 23.
Ditto, Incorporated, Chicago, Ill. Hectograph carbon paper. 502,698, Oct. 5; Serial No. 540,984, published June 15, 1948. Class 11.
Doak Company, Incorporated, Cleveland, Ohio. Dermatotherapeutic medication. 502,704, Oct. 5; Serial No. 543,905, published June 29, 1948. Class 6.
Dodge, F. W., Corporation, New York, N. Y. Periodical published annually. 246,960, Sept. 18, 1928. Amended. O. G. Oct. 5. Class 38.
Dolge, C. B., Company, The, Westport, Conn. Concentrated scrub soap. 502,686, Oct. 5; Serial No. 539,291, published June 8, 1948. Class 4.
Donelson & Poston, Memphis, Tenn. Matches. 251,202, renewed Jan. 1, 1949. O. G. Oct. 5. Class 9.
Donelson & Poston, Memphis, Tenn. Matches. 251,283, renewed Jan. 1, 1949. O. G. Oct. 5. Class 9.
Donelson & Poston, Memphis, Tenn. Cigars. 251,538, renewed Jan. 8, 1949. O. G. Oct. 5. Class 17.
Dorr Company, The, by The Dorr Company (1944), New York, N. Y. Apparatus for the treatment of solids suspended in liquids. 285,418, July 28, 1931. Republished Oct. 5. Class 23.
Dorr Company (1944), The: *See*—
Dorr Company, The.
Dunlap & Co., to Hat Corporation of America, Norwalk, Conn. Hats for men, women, and children. 176,834, Dec. 4, 1923. New certificate. O. G. Oct. 5. Class 39.
Dunlap & Co., to Hat Corporation of America, Norwalk, Conn. Straw hats and felt hats. 180,056, Feb. 19, 1924. New certificate. O. G. Oct. 5. Class 39.
Duro-Chrome of Chicago, Inc., Chicago, Ill. Chromium plating service. 502,751, Oct. 5; Serial No. 531,581, published July 13, 1948. Class 55.
Earnhardt, Adrienne R.: *See*—
Porcher, E. P.
Earnhardt, Adrienne R., successor trustee: *See*—
Porcher, E. P.
Eau de Colognefabriek J. C. Boldoot N. V., Amsterdam, Netherlands. Perfumery. 182,655, renewed Apr. 15, 1944. O. G. Oct. 5. Class 6.
Eau de Cologne & Parfumerie Fabrik "Glockengasse Nos. 4711" gegenuber der Pferdepost von Ferd. Mulhens: *See*—
Mulhens, Paul P.
Ebert, Earl H., doing business as Earl H. Ebert Co., Kansas City, Mo. Automotive accessories and replacement parts. 440,885, Oct. 5; Serial No. 521,060, published July 6, 1948. Class 19.
Ebert, Earl H., Co.: *See*—
Ebert, Earl H.
Ehrick, Fred, Company, The, Brooklyn, N. Y. Toy wading pools. 440,838, Oct. 5; Serial No. 495,367, published June 29, 1948. Class 22.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather. 432,861, Sept. 16, 1947. Republished Oct. 5. Class 1.
Elmo Sales Corporation, Philadelphia, Pa. Shaving soap. 502,761, Oct. 5; Serial No. 518,393. Class 4.
El Roy Naval Stores Co., Inc.: *See*—
El Roy Naval Stores, Inc.
El Roy Naval Stores, Inc., by El Roy Naval Stores Co., Inc., Vidalia, Ga. Wood preservative and insecticide. 352,916, Dec. 14, 1937. Republished Oct. 5. Class 6.
Emergency Laboratories, New York, N. Y., to Block Drug Company, Inc., Jersey City, N. J. Soap. 251,982, renewed Jan. 22, 1949. O. G. Oct. 5. Class 4.
Emsco Derrick & Equipment Company, Los Angeles, Calif. Pump service. 502,749, Oct. 5; Serial No. 527,208, published July 6, 1948. Class 55.
Emsco Derrick & Equipment Company, Los Angeles, Calif. Commercial galvanizing service. 502,750, Oct. 5; Serial No. 527,223, published July 6, 1948. Class 55.
Englander Company, Inc., The: *See*—
Superior Felt & Bedding Co.
Ensign-Bickford Company, The, Simsbury, Conn. Fuses. 102,390, Feb. 9, 1915. Republished Oct. 5. Class 9.
Equitable Equipment Company, Inc., New Orleans, La. Powered boats. 502,694, Oct. 5; Serial No. 539,681, published July 6, 1948. Class 19.
Estelle Toy Company: *See*—
Gioseffi, Estelle J.
Etablissements Rigaud Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 502,659, Oct. 5; Serial No. 537,167, published June 22, 1948. Class 6.
Eutectic Welding Alloys Corporation, New York, N. Y. Fluxes employed in welding, brazing, soldering, etc. 502,614, Oct. 5; Serial No. 526,927, published June 15, 1948. Class 6.
Factor, Max, doing business as Max Factor & Co., to Max Factor & Co., Los Angeles, Calif. Theatrical make-ups. 250,507–8, renewed Dec. 11, 1948. O. G. Oct. 5. Class 6.
Factor, Max, & Co.: *See*—
Factor, Max.
Faesy & Besthoff, Inc., New York, N. Y. Sprouting inhibitors. 440,862, Oct. 5; Serial No. 514,019, published June 22, 1948. Class 6.
Fairlie, Andrew M., Atlanta, Ga. Hollow blocks used as filling or packing material for chemical towers or reaction spaces. 245,589, renewed Aug. 14, 1948. O. G. Oct. 5. Class 12.
Fan Roy Fashions, New York, N. Y. Women's underwear. 502,665, Oct. 5; Serial No. 538,116, published May 25, 1948. Class 39.

Farrel-Birmingham Company, Incorporated, Ansonia and Derby, Conn., and Buffalo, N. Y. Machines for breaking down rubber and rendering it plastic. 264,602, Nov. 26, 1929. Republished Oct. 5. Class 23.
Federal Laboratories, Inc., Pittsburgh, Pa. Wallpaper cleaner. 502,671, Oct. 5; Serial No. 538,740, published June 8, 1948. Class 4.
Feinberg, Jacob, doing business as J. F. Underwear Company, to J. F. Underwear Company, Allentown, Pa. Children's athletic waist union suits and outer garments. 246,175, renewed Sept. 4, 1948. O. G. Oct. 5. Class 39.
Fenway Coats, by Fenway Coats, Inc., New York, N. Y. Ladies' and misses' coats, suits, etc. 411,083, Jan. 2, 1945. Republished Oct. 5. Class 39.
Fenway Coats, Inc.: *See*—
Fenway Coats.
Ferro Engineering Company, The, Cleveland, Ohio. Parting compound. 283,529, June 2, 1931. Republished Oct. 5. Class 1.
Ferro Engineering Company, The, Cleveland, Ohio. Hot top linings of brick or similar heat insulating material. 283,631, June 2, 1931. Republished Oct. 5. Class 12.
Ferro Engineering Company, The, Cleveland, Ohio. Hot top casings. 288,791, Nov. 3, 1931. Republished Oct. 5. Class 23.
Filene's, Wm., Sons, Company, Boston, Mass. Socks, gloves, etc. 124,527, Feb. 25, 1919. Republished Oct. 5. Class 39.
Fine Products Corporation: *See*—
Nunally Co., The.
Firmenich & Co., successors de la Societe Anonyme M. Naef & Cie.: *See*—
Sté Ame M. Naef & Cie.
First Caramel Malting Corporation, Paterson, N. J. Light malt. 415,068, July 10, 1945. Republished Oct. 5. Class 48.
Flintkote Company, The, Boston, Mass. Mineral-surfaced asphalt shingles and mineral-surfaced asphalt roofing. 233,861, Oct. 11, 1927. Republished Oct. 5. Class 12.
Food Fair Stores, Inc.: *See*—
Union Premier Stores, Inc.
Food Fair Stores, Inc., Philadelphia, Pa. Cartoons. 431,928, Aug. 12, 1947. Republished Oct. 5. Class 38.
Forcolar Inc., New York, N. Y. Playing cards. 502,637, Oct. 5; Serial No. 532,819, published June 22, 1948. Class 22.
Formaid Co.: *See*—
Standish, Eula S.
Forstmann & Huffmann Company, to Forstmann Woolen Company, Passaic, N. J. Woolen piece goods. 244,855, renewed July 31, 1948. O. G. Oct. 5. Class 42.
Forstmann Woolen Company: *See*—
Forstmann & Huffmann Company.
Foster-Dack Company: *See*—
Foster Dack Co.
Foster-Dack Co., The.
Foster Dack Co., Council Bluffs, Iowa, and Chicago, Ill., by Foster-Dack Company, Chicago, Ill. Ointment. 78,497, June 21, 1910. Republished Oct. 5. Class 6.
Foster-Dack Co., The, by Foster-Dack Company, Chicago, Ill. Surgical dressing. 205,795, Nov. 17, 1925. Republished Oct. 5. Class 6.
Foster-Forbes Glass Company: *See*—
Standard Glass Company.
Frackman Bros., New York, N. Y. Finger and ear rings, bracelets, scarf pins, bar pins, and pendants. 245,648, renewed Aug. 21, 1948. O. G. Oct. 5. Class 28.
Franco-Italian Packing Co., Terminal Island, Calif. Canned fish. 237,918, Jan. 24, 1928. Corrected. O. G. Oct. 5. Class 46.
Franco-Italian Packing Co., Inc., East San Pedro, Calif. Canned fish. 228,589, June 7, 1927. Corrected. O. G. Oct. 5. Class 46.
Franco-Italian Packing Co., Inc., Terminal Island, Calif. Canned fish. 382,484, Oct. 29, 1940. Corrected. O. G. Oct. 5. Class 46.
Franco-Italian Packing Co., Inc., Terminal Island, Calif. Canned fish. 384,554, Jan. 21, 1941. Corrected. O. G. Oct. 5. Class 46.
Franco-Italian Packing Corp., Terminal Island, Calif. Fish meal. 386,565, Apr. 15, 1941. Corrected. O. G. Oct. 5. Class 46.
Franco-Italian Packing Corp., Terminal Island, Calif. Canned fish. 407,947, July 11, 1944. Corrected. O. G. Oct. 5. Class 46.
Franklin Glue Company, The, Columbus, Ohio. Powdered water resistant Casein glue. 421,897, June 18, 1946. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 5.
Fraser Manufacturing Company, Inc.: *See*—
Fraser, Russell, Wire Company.
Fraser Manufacturing Co., Inc., New York, N. Y. Covere wire. 372,618, Nov. 7, 1939. Republished Oct. 5. Class 40.
Fraser Manufacturing Co., Inc., New York, N. Y. Gimp yarn. 377,172, Apr. 23, 1940. Republished Oct. 5. Class 43.
Fraser Manufacturing Co., Inc., New York, N. Y. Knitting and crocheting yarn. 380,024, Aug. 6, 1940. Republished Oct. 5. Class 43.
Fraser Manufacturing Company, Inc., New York, N. Y. Twisted rayon yarn. 393,312, Feb. 3, 1942. Republished Oct. 5. Class 43.
Fraser, Russell, Wire Company, Maspeth, by Fraser Manufacturing Company, Inc., New York, N. Y. Rayon cord. 341,143, Dec. 1, 1936. Republished Oct. 5. Class 40.
French Sardine Co., Inc., Terminal Island, Calif. Canned sardines. 334,190, Apr. 21, 1936. Corrected. O. G. Oct. 5. Class 46.
French Sardine Co., Inc., Terminal Island, Calif. Canned fish. 374,481, Jan. 9, 1940. Corrected. O. G. Oct. 5. Class 46.
French Sardine Company, Inc., Terminal Island, Calif. Canned fish. 381,518, Sept. 24, 1940. Corrected. O. G. Oct. 5. Class 46.
French Sardine Co., Inc., Terminal Island, Calif. Cat food. 388,570, July 1, 1941. Corrected. O. G. Oct. 5. Class 46.
French Sardine Company of California, The, Terminal Island, Calif. Canned fish. 238,737, Feb. 14, 1928. Republished Oct. 5. Class 46.
Fuller, D. B., & Co., Inc., New York, N. Y. Textile fabrics in the piece. 440,903, Oct. 5; Serial No. 509,411. Class 42.
Fulmer & Gibbons, to Fulmer & Gibbons, Inc., Philadelphia, Pa. Bracelets, brooches, bar pins, etc. 250,844, renewed Dec. 18, 1948. O. G. Oct. 5. Class 28.
Fulmer & Gibbons, Inc.: *See*—
Fulmer & Gibbons.
Fulton Specialty Co., Elizabeth, N. J. Stamp pads and rubber stamp ink. 502,641, Oct. 5; Serial No. 533,294, published June 8, 1948. Class 11.
Garlock Packing Company, The: *See*—
Crandall Packing Company.
Garlock Packing Company, The, Palmyra, N. Y. Packing and packing material. 265,848, Jan. 7, 1930. Republished Oct. 5. Class 35.
Garlock Packing Company, The, Palmyra, N. Y. Machinery packing. 291,050, Jan. 26, 1932. Republished Oct. 5. Class 35.
Garlock Packing Company, The, Palmyra, N. Y. Semi-metallic gaskets. 291,999, Mar. 1, 1932. Republished Oct. 5. Class 35.
Garlock Packing Company, The, Palmyra, N. Y. Leather packings, cups, washers, etc. 353,860, Jan. 18, 1938. Republished Oct. 5. Class 35.
Garlock Packing Company, The, Palmyra, N. Y. Brake lining. 372,869–70, Nov. 14, 1939. Republished Oct. 5. Class 35.
Garlock Packing Company, The, Palmyra, N. Y. Lubricating oils and greases. 377,981, May 21, 1940. Republished Oct. 5. Class 15.
Garlock Packing Company, The, Palmyra, N. Y. Sealing compound. 377,982–3, May 21, 1940. Republished Oct. 5. Class 12.
Garlock Packing Company, The, Palmyra, N. Y. Lubricating grease. 378,035, May 21, 1940. Republished Oct. 5. Class 15.
Garlock Packing Company, The, Palmyra, N. Y. Lubricating oils and greases. 381,919, Oct. 15, 1940. Republished Oct. 5. Class 15.
Garlock Packing Company, The, Palmyra, N. Y. Adhesive friction tape. 383,346, Dec. 3, 1940. Relished Oct. 5. Class 5.
Geier, P. A., Company, The, Cleveland, Ohio. Electrically-operated suction cleaners. 296,972, Aug. 30, 1932. Republished Oct. 5. Class 21.
Geier, P. A., Company, The, Cleveland, Ohio. Electrically-operated suction cleaners. 342,473, Jan. 19, 1937. Republished Oct. 5. Class 21.
Geier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners. 342,513, Jan. 19, 1937. Republished Oct. 5. Class 21.
Geier, P. A., Company, The, Cleveland, Ohio. Floor polishers and floor polisher attachments. 347,508, June 29, 1937. Republished Oct. 5. Class 23.
Geier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners. 369,779, Aug. 1, 1939. Republished Oct. 5. Class 21.
Geigy Company, Inc., New York, N. Y. Dyestuffs. 502,703, Oct. 5; Serial No. 543,174, published June 22, 1948. Class 6.
General Mills, Inc.: *See*—
Washburn Crosby Company.
Gioseffi, Estelle J., doing business as Estelle Toy Company, assignor to G. P. Rosa, Rochester, N. Y. Percussion toys. 440,840, Oct. 5; Serial No. 499,777, published June 29, 1948. Class 22.
Gittins, Geo. W., assignor to Milton Piano Company, by Kohler & Campbell, Inc., New York, N. Y. Pianos. 63,746, July 9, 1907. Republished Oct. 5. Class 36.
Givaudan-Delawanna, Inc., New York, N. Y. Antiskinning products used in the manufacture of paints, etc. 502,713, Oct. 5; Serial No. 544,811, published July 6, 1948. Class 6.
Givaudan-Delawanna, Inc., New York, N. Y. Chemical products used as disinfectant bases. 502,714, Oct. 5; Serial No. 544,812, published July 6, 1948. Class 6.
Givaudan-Delawanna, Inc., New York, N. Y. Normally liquid organic chemical products. 502,715, Oct. 5; Serial No. 544,813, published July 6, 1948. Class 6.
Givaudan-Delawanna, Inc., New York, N. Y. Chemical products. 502,716–17, Oct. 5; Serial Nos. 544,814–15, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Dye-containing liquids used in cosmetic compositions. 502,718, Oct. 5; Serial No. 544,817, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous liquid material, perfume base. 502,719, Oct. 5; Serial No. 544,818, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous material, odorants for textiles and rubber goods. 502,720, Oct. 5; Serial No. 544,819, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous material, odorants for sprays and insecticides. 502,721, Oct. 5; Serial No. 544,820, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Solvent, perfume ingredient. 502,722, Oct. 5; Serial No. 544,821, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous liquid material, soap base perfumes. 502,723, Oct. 5; Serial No. 544,822, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous liquid material, perfumes. 502,724–5, Oct. 5; Serial Nos. 544,823–4, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous liquid material, odorant for textile goods. 502,726, Oct. 5; Serial No. 544,825, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous liquid material, general odorants. 502,727–8, Oct. 5; Serial Nos. 544,826–7, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Aromatic material used as odorant or deodorant in fly sprays and insecticides. 502,729, Oct. 5; Serial No. 544,828, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous liquid material, soap base perfumes. 502,730, Oct. 5; Serial No. 544,829, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Aromatic material used as a deodorant or odorant. 502,731, Oct. 5; Serial No. 544,830, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Aromatic material used as a deodorant or odorant. 502,732–3, Oct. 5; Serial Nos. 544,831–2, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous material, odorants for fly sprays and insecticides. 502,734, Oct. 5; Serial No. 544,833, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Odoriferous material, suitable for use as a fixative in perfumes and the like. 502,735, Oct. 5; Serial No. 544,834, published July 6, 1948. Class 6.

Givaudan-Delawanna, Inc., New York, N. Y. Chemical product useful as perfume ingredient. 502,736, Oct. 5; Serial No. 544,835, published July 6, 1948. Class 6.

Glaser, Gustav Co., Inc., New York, N. Y., to Glaser Gustav Co., Inc., Paterson, N. J. Portable sanitary proof boxes, storage bins, compartment racks, etc. 244,627, renewed July 24, 1948. O. G. Oct. 5. Class 2.

Glidden, Otis E., & Co., Incorporated, Evanston, Ill. Yeast cultures in mineral oil and agar agar emulsion. 502,697, Oct. 5; Serial No. 540,540, published July 6, 1948. Class 6.

Godchaux Sugars, Inc., New Orleans, La. Poultry litter and animal breeding, horticultural mulch and low density pith. 341,507, Dec. 8, 1936. Republished Oct. 5. Class 1.

Goldman, A. S., & Co. Inc., to Goldman, Abraham S., New York, N. Y. Neckwear, men's and boys' four-in-hands, sport bows, band bows, etc. 246,184, renewed Sept. 4, 1948. O. G. Oct. 5. Class 39.

Goldman, Abraham S.: *See*—
Goldman, A. S., & Co. Inc.

Gonia, John C., doing business as Streamliner Emery Ad, Minneapolis, Minn. Emery sticks. 502,600, Oct. 5; Serial No. 498,567, published June 15, 1948. Class 44.

Gordon, Leonard, Los Angeles, Calif. Dehydrated apples. 414,860, June 26, 1945. Cancelled Aug. 26, 1948. O. G. 5. Class 46.

Gordon-O'Neill Company: *See*—
B. C. Company, Ltd.

Gordon O'Neill Co., Inc.: *See*—
B. C. Company Ltd.

Greene, Tweed & Co., by Greene, Tweed & Co., New York, N. Y. Machinery packing. 17,054, Sept. 24, 1889. Republished Oct. 5. Class 35.

Gromanco: *See*—
Grove Manufacturing Company, Inc.

Gross, Benjamin & Edward J., Co., Inc., New York, N. Y. Finger rings and mountings therefor. 251,753, renewed Jan. 15, 1949. O. G. Oct. 5. Class 28.

Grove Manufacturing Company, Inc., doing business as Gromanco, St. Louis, Mo. Perambulators. 440,839, Oct. 5; Serial No. 497,092, published July 6, 1948. Class 19.

Grover's, J. J., Sons, Lynn, by J. J. Grover Shoe Co., Inc., Haverhill, Mass. Women's and misses' boots and shoes. 123,227, Oct. 22, 1918. Republished Oct. 5. Class 39.

Growers Fruit Company, Inc., by The H. Rouw Company, Edinburg, Tex. Fresh citrus fruits and fresh tomatoes. 374,131, Jan. 2, 1940. Republished Oct. 5. Class 46.

Guittard Chocolate Co., San Francisco, Calif. Chocolate and cocoa and chocolate coating. 250,673, renewed Dec. 11, 1948. O. G. Oct. 5. Class 46.

Gulf Oil Corporation, Pittsburgh, Pa. Preparation for cleansing and restoring the finish of automobiles. 502,598, Oct. 5; Serial No. 492,437, published June 15, 1948. Class 4.

H & W Company, Inc., The, Newark, N. J. Bandeaux, bandettes, and corsets. 298,451, Oct. 25, 1932. Corrected. O. G. Oct. 5. Class 39.

H & W Company, Inc., The, Newark, N. J. Brassières and corsets. 324,289, May 4, 1935. Corrected. O. G. Oct. 5. Class 39.

H & W Company, Inc., The, Newark, N. J. Corsettes and girdles. 440,881, Oct. 5; Serial No. 520,217, published Apr. 27, 1948. Class 39.

Haas, Fred & Clark, Inc., Omaha, Nebr. All types of women's wearing apparel. 416,227, Sept. 4, 1945. Republished Oct. 5. Class 39.

Haas-Miller Corporation, Philadelphia, Pa. Water soluble fat, used as a softener. 502,746, Oct. 5; Serial No. 550,041, published June 29, 1948. Class 6.

Hadco Corporation: *See*—
Hamilton Distributing Co., The.

Hairnet Corporation of America, New York, N. Y. Hairnets. 502,687, Oct. 5; Serial No. 539,319, published June 8, 1948. Class 39

Hall, Martin L., Company: *See*—
Shapleigh Coffee Company.

Halpin Co-Airdinator Company, Washington, D. C. Charts and computing instruments. 421,507, June 4, 1946. Republished Oct. 5. Class 26.

Hamilton Beach Manufacturing Company, Racine, Wis., by Scovill Manufacturing Company, Waterbury, Conn. Electrically-operated drink mixers. 274,965, Sept. 9, 1930. Republished Oct. 5. Class 21.

Hamilton Distributing Co., The, Cleveland, Ohio, now by change of name Hadco Corporation. Concentrated liquid solution for cleaning walls, etc. 440,856, Oct. 5; Serial No. 510,171, published June 8, 1948. Class 4.

Hand, T. W., Fireworks Co. Limited, Cooksville, Ontario, Canada. Plastic and metal toys. 440,868, Oct. 5; Serial No. 516,130, published June 29, 1948. Class 22.

Harris, Benjamin, Los Angeles, Calif. Perfumes and toilet waters. 404,440, Nov. 23, 1943. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 6.

Harvard Lock Company, New York, N. Y., and Reading, Pa. Hinges, catches, snap hooks, etc. 440,904, Oct. 5 1948; Serial No. 525,840. Class 13.

Harvel Watch Company, New York, N. Y. Watches, watch-movements, watchcases, and parts thereof. 404,441, Nov. 23, 1943. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 27.

Hat Corporation of America: *See*—
Crofut & Knapp Co., The.
Dunlap & Co.
Hodshon-Berg, Incorporated.
Knox Hat Company, Inc.

Health Products Corporation, to White Laboratories, Inc., Newark, N. J. Laxative chewing tablets. 250,691, renewed Dec. 11, 1948. O. G. Oct. 5. Class 6.

Hearst Consolidated Publications, Inc.: *See*—
Agnus, Felix.

Heddon's, James, Sons, Dowagiac, Mich. Fish lures. 502,645–6, Oct. 5; Serial Nos. 534,128–9, published July 6, 1948. Class 22.

Heil Co., The, Milwaukee, Wis. Vehicular tanks, trailer tanks, refuse truck bodies, etc. 502,668, Oct. 5; Serial No. 538,637, published July 6, 1948. Class 19.

Heim, Moses L., New York, N. Y. Scalp and hair treating preparations, etc. 382,231, Oct. 22, 1940. Republished Oct. 5. Class 6.

Heli-Coil Corporation: *See*—
Aircraft Screw Products Company, Inc.

Henderson, Robert H., East Orange, N. J. Pipe bending tools. 154,967, May 16, 1922. Republished Oct. 5. Class 23.

Herbert Manufacturing Co., Inc., New York, N. Y. Rayon piece gooda. 502,758, Oct. 5; Serial No. 515,763. Class 42.

Hercules Motors Corporation, Canton, Ohio. Internal combustion engines; power units including internal combustion engines, and accessories. 288,283, Oct. 20, 1931. Republished Oct. 5. Class 23.

Hercules Motors Corporation, Canton, Ohio. Internal combustion engines, power units, and accessories. 288,814, Nov. 3, 1931. Republished Oct. 5. Class 23.

Hermosa Products Co.: *See*—
Rider, Gertrude F.

Hickey-Freeman Company, Rochester, N. Y. Men's topcoats, and men's suits comprising coats, vests, and trousers. 245,235, renewed Aug. 7, 1948. O. G. Oct. 5. Class 39.

Higginbotham Bailey Company: *See*—
Higginbotham-Bailey-Logan Company.

Higginbotham-Bailey-Logan Company, Dallas, Tex., and New York, N. Y., to Higginbotham Bailey Company, Dallas, Tex. Boys' dress shirts, work shirts, negligee shirts, blouse shirts, etc. 251,026, renewed Dec. 25, 1948. O. G. Oct. 5. Class 39.

Hill, Elizabeth H., Carroll Park, Pa. Dolls, dolls' clothing, doll bed pillows, etc. 440,900, Oct. 5; Serial No. 525,846, published June 22, 1948. Class 22.

Hillside Cotton Mills, trading as Valley Mills, to Callaway Mills Company, La Grange, Ga. Industrial wiping cloths. 241,404, renewed Apr. 24, 1948. O. G. Oct. 5. Class 29.

Hodshon-Berg, Incorporated, to Hat Corporation of America, Norwalk, Conn. Caps and hats for men and women. 294,496, May 31, 1932. New certificate. O. G. Oct. 5. Class 39.

Hoffman, Robert C., York, Pa. Athletic supplies. 440,851, Oct. 5; Serial No. 507,823, published June 29, 1948. Class 22.

Holland-Rantos Company, Inc., New York, N. Y. Infant's waterproof pants. 502,603, Oct. 5; Serial No. 509,342, published June 8, 1948. Class 39.

Holland-Rantos Company, Inc., New York, N. Y. Medical diaphragms. 502,604, Oct. 5; Serial No. 509,846, published June 22, 1948. Class 44.

Horton & Converse, Los Angeles, Calif. Borated ointment. 502,601, Oct. 5; Serial No. 505,301, published July 6, 1948. Class 6.

Houbigant, Inc.: *See*—
Parfumerie Houbigant.

Houbigant, Inc., New York, N. Y. Perfumery, talcum powders, cosmetics, etc. 147,112, Oct. 4, 1921. Republished Oct. 5. Class 6.

Houbigant, Inc., New York, N. Y. Talcum powder and face powder. 164,489, Feb. 20, 1923. Republished Oct. 5. Class 6.

Houdaille-Hershey Corporation: *See*—
Houde Engineering Corporation.

Houde Engineering Corporation, Buffalo, N. Y., to Houdaille-Hershey Corporation, Detroit, Mich. Automobile accessories. 248,512–13, renewed Oct. 23, 1948. O. G. Oct. 5. Class 19.

Hudnut, Richard, New York, N. Y. Face powder, rouge, and lipstick. 502,666, Oct. 5; Serial No. 538,135, published June 22, 1948. Class 6.

Hudson, J. L., Company, The, Detroit, Mich. Hosiery. 250,329, renewed Dec. 4, 1948. O. G. Oct. 5. Class 39.

Hulbert Manufacturing Company, Ashtabula, Ohio. Nonmechanical, hand operated dollies. 440,890, Oct. 5; Serial No. 523,589, published July 6, 1948. Class 19.

Hunter Packing Company, East St. Louis, Ill. Dog food, potted meats, and Vienna sausage. 364,192, Jan. 24, 1939. Republished Oct. 5. Class 46.

Hussey, Harrie D., doing business as Dayton Liniment Company, Dayton, Ohio. Liniment. 251,791, renewed Jan. 15, 1949. O. G. Oct. 5. Class 6.

Hydro-Chemical Company, Incorporated, East Hartford, Conn. Antislipping preparation. 440,894, Oct. 5; Serial No. 524,873, published June 8, 1948. Class 4.

Illinois Iron & Bolt Co., Carpentersville, Ill. Steel warehouse trucks. 502,612, Oct. 5; Serial No. 526,713, published July 6, 1948. Class 19.

Indian Head Products Co.: *See*—
Tripi, F. C., Co., Inc.

Industrial Soap Company, St. Louis, Mo. Complexion and bath soap. 502,654, Oct. 5; Serial No. 536,090, published June 22, 1948. Class 4.

Inman, Sidney A.: *See*—
Motherahead, B. F.

Insur-Fiot Live Net Co., Woodinville, Wash. Fish nets. 440,872, Oct. 5; Serial No. 518,601, published July 6, 1948. Class 22.

International Derrick & Equipment Company, Columbus, Ohio. Steel buildings, portable and sectional buildings, etc. 502,689, Oct. 5; Serial No. 539,420, published June 22, 1948. Class 12.

International Motor Company, by Mack Manufacturing Corporation, New York, N. Y. Metal parts for cushioned connections in vehicles. 171,504, Aug. 7, 1923. Republished Oct. 5. Class 19.

International Motor Company, by Mack Manufacturing Corporation, New York, N. Y. Cushioned connections for use in vehicles. 171,507, Aug. 7, 1923. Republished Oct. 5. Class 19.

International Motor Company, by Mack Manufacturing Corporation, New York, N. Y. Motor trucks. 187,497, Aug. 5, 1924. Republished Oct. 5. Class 19.

International Shoe Co.: *See*—
Roberts, Johnson & Rand Company.

J. F. Underwear Company: *See*—
Feinberg, Jacob.

Jackson Brewing Co., New Orleans, La. Nonalcoholic malt cereal beverages. 250,347, renewed Dec. 4, 1948. O. G. Oct. 5. Class 48.

Jackson, Ida, New York, N. Y. Preparation for removing spots, and liquor, heat, etc. 401,517, Feb. 27, 1945. Republished Oct. 5. Class 4.

Janedale Hosiery Mills, Inc., Blackwood, N. J. Hosiery and ladies' underwear. 502,760, Oct. 5; Serial No. 517,248. Class 39.

Jennings, Annette R., doing business as Annette's Perfect Cleanser Co., Boston, Mass., to Zonite Products Corporation, New York, N. Y. Dry cleaning composition for fabrics, furs, and felts. 249,398, renewed Nov. 13, 1948. O. G. Oct. 5. Class 4.

Jennison-Wright Corporation, The, Toledo, Ohio. Irreversible colloid coating materials. 502,618, Oct. 5; Serial No. 527,220, published June 1, 1948. Class 12.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Toilet soaps. 108,210, Jan. 18, 1916. Republished Oct. 5. Class 4.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Toilet powder. 148,676, Nov. 22, 1921. Republished Oct. 5. Class 6.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Face powder, talcum powder, and perfume. 153,647, Mar. 28, 1922. Republished Oct. 5. Class 6.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Soap. 176,193, Nov. 20, 1923. Republished Oct. 5. Class 4.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Perfumes. 288,494, Oct. 27, 1931. Republished Oct. 5. Class 6.

Jones, Frank M., Sidell, Ill. Preparation for the treatment of cuts, sores, and other open wounds. 502,765, Oct. 5; Serial No. 533,317. Class 6.

Josey-Miller Co., by Josey-Miller Company, Inc., Beaumont, Tex. Chicken feed. 237,507, Jan. 10, 1928. Republished Oct. 5. Class 46.

Josey-Miller Company, Inc.: *See*—
Josey-Miller Co.

Josie Lingerie, Inc., New York, N. Y. Women's slips. 502,672, Oct. 5; Serial No. 538,771, published June 8, 1948. Class 39.

Judy Company, The, Minneapolis, Minn. Children's play kit. 440,873, Oct. 5; Serial No. 518,607, published June 29, 1948. Class 22.

Julian and Kokenge Company, The, Columbus, Ohio. Men's, women's, and children's shoes. 279,695, Jan. 20, 1931. Republished Oct. 5. Class 39.

Kalamazoo Pant Company: *See*—
Rosenbaum, Sam, & Sons Company.
Leibovitz, S., & Sons, Inc.

Kaleen Chemical Corp., Brooklyn, N. Y. Preparation in powdered form to be used as a bleach and stain remover in washing clothes, sinks, refrigerators, etc. 502,647, Oct. 5; Serial No. 534,148, published June 29, 1948. Class 6.

Kenyon, D. D.: *See*—
Kenyon, Thomas N.

Kenyon, Thomas N., by D. D. Kenyon, Minneapolis, Minn. Medicinal salve or ointment. 101,782, Jan. 12, 1915. Republished Oct. 5. Class 6.

Kerr, Dorothy K.: *See*—
Tempest, Felix, Co.

Kester Solder Company, Chicago, Ill. Soldering fluxes. 502,628, Oct. 5; Serial No. 529,270, published June 22, 1948. Class 6.

Kilgore Seed Company, The, Plant City, Fla. Nutritional spray for plants. 502,610, Oct. 5; Serial No. 526,507, published June 29, 1948. Class 6.

Kimball, A., Company, New York, N. Y. Price tags. 311,335, Mar. 20, 1934. Republished Oct. 5. Class 37.

Kimball, A., Company, New York, N. Y. Price tags. 312,606, May 1, 1934. Republished Oct. 5. Class 37.

King, Charles L., New York, N. Y. Billfolds, brief cases, toilet cases, etc. 414,536, June 12, 1945. Republished Oct. 5. Class 3.

Kirby, Block & Fischer, Inc., New York, N. Y. For boys' and men's clothing and furnishings and for women's, misses', and children's wearing apparel. 302,617, Apr. 25, 1933. Republished Oct. 5. Class 39.

Kircher, C. W.: *See*—
Whitehead Bros.

Kitchen Maid Corporation, The: *See*—
Wasmuth-Endicott Company.

Kitchen Maid Corporation, The, Andrews, Ind. Wood table tops, and wood sink tops and drain boards. 310,941, Mar. 13, 1934. Republished Oct. 5. Class 32.

Kitchen Maid Corporation, The, Andrews, Ind. Kitchen cabinet base units, kitchen cabinet wall units, kitchen broom storage units, etc. 407,449, June 6, 1944. Republished Oct. 5. Class 32.

Kitchen Maid Corporation, The, Andrews, Ind. Ironing boards. 407,623, June 13, 1944. Republished Oct. 5. Class 24.

Kitchen Maid Corporation, The, Andrews, Ind. Kitchen sink tops. 408,085, July 18, 1944. Republished Oct. 5. Class 13.

Knomark Manufacturing Co., Inc., Brooklyn, N. Y. Shoe shine kit. 502,685, Oct. 5; Serial No. 539,176, published June 8, 1948. Class 4.

Knox Hat Company, Inc., to Hat Corporation of America, Norwalk, Conn. Hats and caps. 104,221, May 11, 1915. New certificate. O. G. Oct. 5. Class 39.

Knox Hat Company, Inc., to Hat Corporation of America, Norwalk, Conn. Hats for men, women, and children. 170,820, July 24, 1923. New certificate. O. G. Oct. 5. Class 39.

Knox Hat Company, Inc., to Hat Corporation of America, Norwalk, Conn. Hats and caps for men. 246,280, Sept. 4, 1928. New certificate. O. G. Oct. 5. Class 39.

Knox Hat Company, Inc., to Hat Corporation of America, Norwalk, Conn. Hats and caps for men. 252,025, Jan. 22, 1929. New certificate. O. G. Oct. 5. Class 39.

Knox Hat Company, Inc., to Hat Corporation of America, Norwalk, Conn. Feather hat ornaments; decorative hat pieces. 260,849, Aug. 27, 1929. New certificate. O. G. Oct. 5. Class 40.

Knox Hat Company, Inc., to Hat Corporation of America, Norwalk, Conn. Men's leather hatboxes, leather suitcases, etc. 278,598, Dec. 23, 1930. New certificate. O. G. Oct. 5. Class 3.

Kohler & Campbell, Inc.: *See*—
Behning Piano Company.
Gittins, Geo. W.

Kohlmann, John, Beaver Falls, Pa. Nonalcoholic, noncereal, maltless beverages. 244,768, renewed July 24, 1948. O. G. Oct. 5. Class 45.

Koppers Company, doing business as Bartlett Hayward Division, by Koppers Company, Inc., doing business as Bartlett Hayward Division (1944), Baltimore, Md. Propellers, propeller hubs, and propeller assemblies. 410,586, Dec. 5, 1944. Republished Oct. 5. Class 19.

Koppers Company, Inc.: *See*—
Koppers Company.

Krause, Earnest J., doing business as Radiobar Company of America, West Los Angeles, Calif. Roller skates. 440,841, Oct. 5; Serial No. 501,256, published June 22, 1948. Class 22.

Kusay, Herman, Newark, N. J., to Airline Foods Corporation, Long Island City, N. Y. Canned fruits and vegetables, taploca, corn starch, and extract of vanilla. 70,415, re-renewed Aug. 25, 1948. O. G. Oct. 5. Class 46.

La Frienier, Elliott E., to Nu-Dent Porcelain Studio of California, Inc., Los Angeles, Calif. Dental gold and porcelain teeth. 319,923, Dec. 11, 1934. New certificate. O. G. Oct. 5. Class 44.

La Frienier, Elliot E., to Nu-Dent Porcelain Studio of California, Inc., Los Angeles, Calif. Porcelain. 380,055, Aug. 6, 1940. New certificate. O. G. Oct. 5. Class 44.

Lalla, John F., Company, Chicago, Ill. Macaroni, spaghetti, noodles, etc. 94,007, Oct. 28, 1913. Republished Oct. 5. Class 46.

Lanman & Kemp-Barclay & Co. Incorporated: *See*—
Lanman & Kemp, Inc.

Lanman & Kemp, Inc., to Lanman & Kemp-Barclay & Co. Incorporated, New York, N. Y. Liquid tonic for preserving and beautifying the hair. 250,966, renewed Dec. 18, 1948. O. G. Oct. 5. Class 6.

La Trique Brassieres Co., New York, N. Y. Brassières. 502,769, Oct. 5; Serial No. 539,240. Class 39.

Lazrus, Benjamin, by Benrus Watch Company, Inc., New York, N. Y. Watches. 166,589, Apr. 10, 1923. Republished Oct. 5. Class 27.

Ledr-Hol, Inc., Royal Oak, Mich. Holders for fish hooks. 440,850, Oct. 5; Serial No. 507,734, published June 29, 1948. Class 22.

Lees, James, & Sons Company, Bridgeport, Pa. Yarns. 251,622, renewed Jan. 8, 1949. O. G. Oct. 5. Class 43.

Leibovitz, S., & Sons, Inc., New York, N. Y., by Kalamazoo Pant Company, Kalamazoo, Mich. Dress, negligee, and work shirts, pajamas, polo shirts, etc. 329,587, Nov. 5, 1935. Republished Oct. 5. Class 39.

Le Sage Company, by Le Sage Company, Dallas, Tex. Whiskey. 418,251, Dec. 11, 1945. Republished Oct. 5. Class 49.

Les Parfums De Dana, Inc., New York, N. Y. Toilet soaps. 502,695, Oct. 5; Serial No. 539,963, published July 6, 1948. Class 4.

Levy, Ernest & Herman, by Century Ribbon Mills, Inc., New York, N. Y. Ribbons. 39,756, Feb. 10, 1903. Republished Oct. 5. Class 42.

Levy, Ernest & Herman, Inc., by Century Ribbon Mills, Inc., New York, N. Y. Velvet ribbon. 161,531, Nov. 14, 1922. Republished Oct. 5. Class 42.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation of benzyl benzoate compound. 502,737, Oct. 5; Serial No. 545,107, published June 22, 1948. Class 6.

Lindsay, Robert Z., doing business as Veddersburg Co., Amsterdam, assignor to B. B. Maksel, Delanson, N. Y. After shaving lotion. 418,899, Jan. 15, 1946. Republished Oct. 5. Class 6.

Linnenfakrieken E. J. F. Van Dissel & Zonen, Eindhoven, Netherlands. Linen, half-linen, and cotton fabrics. 177,748, renewed Dec. 25, 1943. O. G. Oct. 5. Class 42.

Lorraine Compounds Inc., now by change of name Tern, Incorporated, New York, N. Y., and Wilmington, Del. Wool washing detergent. 502,631, Oct. 5; Serial No. 530,651, published June 22, 1948. Class 4.

Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton piece goods. 502,759, Oct. 5; Serial No. 516,298. Class 42.

Luden's Inc., Reading, Pa. Cough drops. 502,663, Oct. 5; Serial No. 537,912, published July 6, 1948. Class 6.

Lyon Metal Products, Incorporated, Aurora, Ill. Fasteners for shelf dividers and the like. 260,791, Aug. 27, 1929. Republished Oct. 5. Class 13.

MacAndrews & Forbes Company, Camden, N. J. Pulpboard. 100,573, Oct. 20, 1914. Republished Oct. 5. Class 12.

Mack Manufacturing Corporation: *See*—
International Motor Company.

MacLeans Laboratories, Inc., Bloomfield, N. J. Medicated tonic food beverage. 440,846, Oct. 5; Serial No. 506,116, published July 6, 1948. Class 6.

Maker of Kal, Inc., Los Angeles, Calif. Compounds for human use containing various minerals and vitamins. 502,629, Oct. 5; Serial No. 529,663, published June 22, 1948. Class 6.

Maksel, Bernadette: *See*—
Lindsay, Robert Z.

Malden Mop & Brush Co., Everett, Mass. Brooms, floor, scrubbing, counter, etc. 502,660, Oct. 5; Serial No. 537,209, published June 8, 1948. Class 29.

Mangelsdorf, Ed. F., & Brother, by Ed. F. Mangelsdorf & Bro., Inc., St. Louis, Mo. Field seeds and grain seeds. 302,640, Apr. 25, 1933. Republished Oct. 5. Class 1.

Mangelsdorf, Ed. F., & Bro., Inc.: *See*—
Mangelsdorf, Ed. F., & Brother.

Manhattan Terrazzo Brass Strip Company, Inc., New York, N. Y. Strips for terrazzo flooring. 245,595, renewed Aug. 14, 1948. O. G. Oct. 5. Class 12.

Manis, Nathan, New York, N. Y. Ladies' and misses' slips and night gowns. 502,764, Oct. 5; Serial No. 524,405. Class 39.

Manniello Bros. & Mayrsohn, Inc., New York, N. Y. Fresh apples and pears. 251,268, renewed Jan. 1, 1949. O. G. Oct. 5. Class 46.

Manufacture De Jouets De Luxe, Saint-Etienne, France. Toy animals, dolls, and game boards. 440,891, Oct. 5; Serial No. 523,596, published June 29, 1948. Class 22.

Marlin Firearms Company, The: *See*—
Marlin Firearms Co., The.

Marlin Firearms Company, The, by The Marlin Firearms Company, New Haven, Conn. Shotguns, rifles, revolvers. 55,158, Aug. 7, 1906. Republished Oct. 5. Class 9.

Marlin Firearms Co., The, by The Marlin Firearms Company, New Haven, Conn. Shotguns and rifles. 72,755, Feb. 16, 1909. Republished Oct. 5. Class 9.

Marquette Cement Manufacturing Company, Chicago, Ill. Portland cement. 502,617, Oct. 5; Serial No. 527,192, published June 1, 1948. Class 12.

Marquette Petroleum Products, Inc., Chicago, Ill. Lubrication oils and greases. 325,198, June 11, 1935. Republished Oct. 5. Class 15.

Massillon Refractories Company, The, Tuscarawas Township, Stark County, Ohio. Fire brick, refractory brick, refractory blocks, etc. 502,625, Oct. 5; Serial No. 528,125, published June 22, 1948. Class 12.

Master Surgical Instrument Corp., Irvington, N. J. Manicure implements. 440,880, Oct. 5; Serial No. 519,971, published June 22, 1948. Class 44.

Maxcy, L., Inc., Frostproof, Fla. Fresh citrus fruits. 291,599, Feb. 23, 1932. Republished Oct. 5. Class 46.

May & Malone, Chicago, Ill., by The Richter & Phillips Company, Cincinnati, Ohio. Golf balls. 252,324, Feb. 5, 1929. Republished Oct. 5. Class 22.

Mayer & Loewenstein, New York, by Clover Leaf Paint & Varnish Corporation, Long Island City, N. Y. Varnishes, japans, oil-finish, and bronzing liquid. 46,556, Sept. 26, 1905. Republished Oct. 5. Class 16.

McClelland, Ernest, doing business as Cornwaste Co., Los Angeles, Calif. Compound in paste form, for treatment of foot corns. 502,606, Oct. 5; Serial No. 515,960, published June 22, 1948. Class 6.

McCullagh, Ernest P., Cleveland, Ohio. Preparation designed to restrain gonadotrophic action of the pituitary gland. 502,605, Oct. 5; Serial No. 513,893, published June 8, 1948. Class 6.

McMoore, Rose E., Philadelphia, Pa. Pomade ointment. 502,738, Oct. 5; Serial No. 545,145, published July 6, 1948. Class 6.

Mead Cycle Company, Chicago, Ill. Bicycles. 502,620–1, Oct. 5; Serial Nos. 527,341–2, published July 6, 1948. Class 19.

Mead Johnson & Company, Evansville, Ind. Hypo-allergenic product designed as a substitute for milk. 502,607, Oct. 5; Serial No. 516,938, published June 15, 1948. Class 6.

Mead Johnson & Company, Evansville, Ind. Specially prepared product for premature and newborn infants. 502,608, Oct. 5; Serial No. 516,939, published June 15, 1948. Class 6.

Mead Johnson & Company, Evansville, Ind. Food preparation. 502,609, Oct. 5; Serial No. 517,077, published June 15, 1948. Class 46.

Mead Johnson & Company, Evansville, Ind. Activated ergosterol, an anti-rachitic substance containing vitamin D. 502,699, Oct. 5; Serial No. 541,754, published July 29, 1948. Class 6.

Meili-Blumberg Corporation, New Holstein, Wis. Trailers of the two wheel, tilt bed type. 502,701, Oct. 5; Serial No. 542,610, published July 6, 1948. Class 19.

Meyers, Louis E., doing business as Newton Optical Company, Newton, N. J. Sun glasses. 502,763, Oct. 5; Serial No. 522,129. Class 26.

Meyers, Louis, & Son, Inc., New York, N. Y. Ladies' and misses' gloves. 502,766, Oct. 5; Serial No. 534,171. Class 39.

Michigan Chemical Corporation, St. Louis, Mich. Hygroscopic composition in liquid form to be applied to roads, tennis courts, etc. 440,847, Oct. 5; Serial No. 506,334, published June 29, 1948. Class 12.

Miller Felpax Company: *See*—
Miller, Rudolph W.

Miller Felpax Corporation: *See*—
Miller, Ruldolph W.

Miller, Ruldolph W., doing business as Miller Felpax Company, by Miller Felpax Corporation, Winona, Minn. Lubricator fillers. 359,590, Aug. 23, 1938. Republished Oct. 5. Class 35.

Millville Manufacturing Company, The, Philadelphia, Pa. Dyed cotton piece goods. 71,831, re-renewed Dec. 15, 1948. O. G. Oct. 5. Class 42.

Milton Piano Company: *See*—
Gittins, Geo. W.

Minnesota Valley Canning Company: *See*—
Central Wisconsin Canneries.
Central Wisconsin Canneries, Inc.

Missouri Portland Cement Company, St. Louis, Mo. Portland cement. 440,899, Oct. 5; Serial No. 525,656, published June 29, 1948. Class 12.

Model Brassiere Corp., Brooklyn, N. Y. Brassières. 502,650, Oct. 5; Serial No. 534,799, published June 8, 1948. Class 39.

Modern Publishing Company, The, New York, N. Y. Monthly magazine. 112,687, Sept. 19, 1916. Amended. O. G. Oct. 5. Class 38.

Molinard: *See*—
Benard & Honnorat.

Monarch Leather Company, Chicago, Ill. Real leather in the piece. 432,837, Sept. 16, 1947. Republished Oct. 5. Class 1.

Moore, Benjamin, & Co.: *See*—
Moore, Benjamin, & Company.

Moore, Benjamin, & Company, Brooklyn, to Benjamin Moore & Co., New York, N. Y. Wall-finish. 31,906, re-renewed Aug. 30, 1948. O. G. Oct. 5. Class 16.

Moore, Benjamin, & Company, Brooklyn, to Benjamin Moore & Co., New York, N. Y. A dry powder for non-washable wall finish. 69,301, re-renewed June 2, 1948. O. G. Oct. 5. Class 16.

Morgan, John C., Co., Inc., Traverse City, Mich. Apple juice. 406,700, Apr. 18, 1944. Republished Oct. 5. Class 46.

Morrone Mfg. Co., Westerly, R. I. Combined hand trucks and hose reels. 502,634, Oct. 5; Serial No. 532,624, published July 6, 1948. Class 19.

Morse-Starrett Products Company, Oakland, Calif. Squeegees and parts thereof for window washers. 502,662, Oct. 5; Serial No. 537,716, published June 8, 1948. Class 29.

Morton Manufacturing Company, Chicago, Ill. Metal cabinets. 329,627, Nov. 5, 1935. Republished Oct. 5. Class 2.

Morton Manufacturing Corporation: *See*—
Brown, Charles P.

Morton Manufacturing Corporation, Lynchburg, Va. Hair beautifying cream. 301,546, Mar. 7, 1933. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, Lynchburg, Va. Emulsion of cod liver oil. 374,938, Jan. 30, 1940. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, Lynchburg, Va. Preparation to be used on the lips as a conditioner. 382,841, Nov. 12, 1940. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, Lynchburg, Va. Preparation for prevention of chapped lips and skin, etc. 405,186–7, Jan. 11, 1944. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, Lynchburg, Va. Medicated salve. 410,606, Dec. 5, 1944. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, Lynchburg, Va. Perfume, face powder, and talcum powder. 419,170, Feb. 5, 1946. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, Lynchburg, Va. Bleaching cream, pressing oil, sachet, etc. 420,852, May 6, 1946. Republished Oct. 5. Class 6.

Morton Manufacturing Corporation, also doing business as Blair of Virginia, Lynchburg, Va. Polishes, and liquid cleaners. 502,602, Oct. 5; Serial No. 506,185, published June 8, 1948. Class 4.

Mothershead, B. F., to Sidney A. Inman, Des Moines, Iowa. Candies. 383,952, Dec. 31, 1940. New certificate. O. G. Oct. 5. Class 46.

Mülhens, Paul P., doing business as Eau de Cologne- & Parfumerie Fabrik "Glockengasse No. 4711" gegenuber der Pferdepost von Ferd. Mulhens, Cologne, Germany, vested in Attorney General of the United States, Washington, D. C. Eau de cologne water, perfumery, hair tonics, shampoo, pomade, brilliantine, etc. 245,510, renewed Aug. 14, 1948. O. G. Oct. 5. Class 6.

Multicore Solders Limited, London, England. Fluxes. 502,599, Oct. 5; Serial No. 493,206, published July 6, 1948. Class 6.

Mumm, G. H., & Co., Societe Vinicole de Champagne Successeurs: *See*—
Societe Vinicole de Champagne.

Mutual Citrus Products Co., Inc., Anaheim, Calif. Canned citrus fruit juices. 329,321, Oct. 22, 1935. Corrected. O. G. Oct. 5. Class 46.

Mutual Citrus Products Co., Inc., Anaheim, Calif. Fresh citrus fruits. 367,961, June 6, 1939. Corrected. O. G. Oct. 5. Class 46.

Mutual Citrus Products Co., Inc., Anaheim, Calif. Powdered beverage base. 402,099, June 29, 1943. Corrected. O. G. Oct. 5. Class 45.

Mutual Citrus Products Co., Inc., Anaheim, Calif. Powdered fruit base. 408,701, Aug. 29, 1944. Corrected. O. G. Oct. 5. Class 46.

National Aluminate Corporation, Chicago, Ill. Pumps, water-motors and mechanisms. 298,080, Oct. 11, 1932. Republished Oct. 5. Class 23.

National Aluminate Corporation, Chicago, Ill. Chemicals. 301,906, Mar. 21, 1933. Republished Oct. 5. Class 6.

National Broach & Machine Co., Detroit, Mich. Gear Manufacturing equipment. 356,073, Apr. 12, 1938. Republished Oct. 5. Class 23.

National Cellulose Corporation, New York, to National Cellulose Corporation, Baldwinsville, N. Y. Cellulose wadding in bulk and pad form as filler for sanitary napkins, etc. 245,370, renewed Aug. 14, 1948. O. G. Oct. 5. Class 1.

National Cellulose Corporation, New York, to National Cellulose Corporation, Baldwinsville, N. Y. Sanitary napkins, surgical dressings, and absorbent cellulose tissue. 249,230, renewed Nov. 13, 1948. O. G. Oct. 5. Classes 37 and 44.

National Glass Distributors Association, Chicago, Ill. Flat glass. 403,024, Aug. 31, 1943. Republished Oct. 5. Class 33.

National Glass Distributors Association, Chicago, Ill. Pamphlets. 416,605, Sept. 25, 1945. Republished Oct. 5. Class 38.

National Horseman, The, Louisville, Ky. Magazine. 402,180, July 6, 1943. Republished Oct. 5. Class 38.

National Hosiery Mills, Inc.: *See*—
National Silk Hosiery Mills, Inc.

National Shuffleboard Company, Orange, N. J. Shuffleboards. 440,870, Oct. 5; Serial No. 517,735, published June 29, 1948. Class 22.

National Silk Hosiery Mills, Inc., by National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 361,484, Oct. 18, 1938. Republished Oct. 5. Class 39.

National Silk Hosiery Mills, Inc., by National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 362,988, Dec. 6, 1938. Republished Oct. 5. Class 39.

National Silk Hosiery Mills, Inc., by National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 364,739, Feb. 14, 1939. Republished Oct. 5. Class 39.

Nekoosa-Edwards Paper Company: *See*—
Rhinelander Paper Company.

Nelly-Ann Dress Co., Chicago, Ill. Ladies' and misses' dresses. 502,696, Oct. 5; Serial No. 540,197, published June 8, 1948. Class 39.

Nelson Aircraft Corporation, San Fernando, Calif. Aircraft. 440,844, Oct. 5; Serial No. 504,571, published July 6, 1948. Class 19.

Nelson-Eismann Company, The, Chicago, Ill. Carbon paper, typewriter ribbons, and inked ribbons. 502,624, Oct. 5; Serial No. 527,874, published June 22, 1948. Class 11.

Nessler, Charles, doing business as C. Nestle Co., New York, N. Y., to The Nestle Lemur Company, Meriden, Conn. Appliance for examining, testing, stretching, and classifying hair. 244,268, renewed July 17, 1948. O. G. Oct. 5. Class 26.

Nestle, C., Co.: *See*—
Nessler, Charles.

Nestle Lemur Company, The: *See*—
Nessler, Charles.

New Jersey Zinc Company, The, Newark, N. J., to The New Jersey Zinc Company, New York, N. Y. Zinc-base alloy. 251,579, renewed Jan. 8, 1949. O. G. Oct. 5. Class 14.

Newton Optical Company: *See*—
Meyers, Louis E.

Nivel International Co., New York, N. Y. Textile fabrics in the piece. 502,756, Oct. 5; Serial No. 514,983. Class 42.

North Hollywood Egg Farms: *See*—
Whitehead Bros.

Northwest Silversmiths, Portland, Oreg. Fishing spinners. 440,865, Oct. 5; Serial No. 515,274, published June 29, 1948. Class 22.

Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Medicinal tablets. 502,741, Oct. 5; Serial No. 547,867, published June 29, 1948. Class 6.

Nu-Dell Manufacturing Company, assignor to Nu-Dell Plastics Corporation, by Nu-Dell Plastics Corporation, Chicago, Ill. Weather indicators. 431,719, Aug. 5, 1947. Republished Oct. 5. Class 26.

Nu-Dell Plastics Corporation: *See*—
Nu-Dell Manufacturing Company.

Nu-Dent Porcelain Studio of California, Inc.: *See*—
La Frienier, Elliott E.

Nunnally Co., The, Atlanta, Ga., and Birmingham, Ala., to Fine Products Corporation, Augusta, Ga. Candy. 72,383, re-renewed Jan. 19, 1949. O. G. Oct. 5. Class 46.

Nutritional Research Associates, Inc., South Whitley, Ind. Medicinal feeding preparation and vitamin concentrate in dry, granular or powdered form. 502,705, Oct. 5; Serial No. 544,183, published June 8, 1948. Class 6.

Nu-Way Corporation, The, Rock Island, Ill. Liquid-fuel burners. 231,327, Aug. 16, 1927. Republished Oct. 5. Class 34.

Oakford Company, The: *See*—
Oakford & Fahnestock.

Oakford & Fahnestock, to The Oakford Company, Peoria, Ill. Coffee. 71,789, re-renewed Dec. 15, 1948. O. G. Oct. 5. Class 46.

Oakite Products, Inc., New York, N. Y. Cleaning preparation. 412,276, Feb. 27, 1945. Republished Oct. 5. Class 4.

Ohio Chemical & Mfg. Co., The, Cleveland, Ohio. Nitrous oxide, oxygen, carbon dioxide, etc. 502,740, Oct. 5; Serial No. 547,758, published June 29, 1948. Class 6.

Ohio Salt Co., The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 36,340, Apr. 30, 1901. Republished Oct. 5. Class 46.

Ohio Salt Co., The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 36,617, June 18, 1901. Republished Oct. 5. Class 46.
Ohio Salt Co., The, Wadsworth, Ohio, by Worcester Salt Company, New York, N. Y. Salt. 40,387, May 19, 1903. Republished Oct. 5. Class 46.
Ohio Tubular Products Company, The, London, Ohio. Vehicles. 440,848, Oct. 5; Serial No. 507,334, published July 6, 1948. Class 19.
O'Neill, Gordon: *See*—
B. C. Company, Ltd.
O'Neill, Gordon, Co., Inc.: *See*—
B. C. Company Ltd.
Oxygen Gas Company, by Puritan Compressed Gas Corporation, Kansas City, Mo. Nitrous oxid. 127,471, Nov. 11, 1919. Republished Oct. 5. Class 6.
Paramount Metal Form Drying Company, Beaver Dam, Wis., by Paramount Textile Machinery Co., Chicago, Ill. Hosiery-drying forms. 101,973, Jan. 19, 1915. Republished Oct. 5. Class 34.
Paramount Textile Machinery Co.: *See*—
Paramount Metal Form Drying Company.
Parfumerie Houbigant, Paris, France, assignor to Houbigant, Inc., by Houbigant, Inc., New York, N. Y. Perfumes, toilet waters, face powders, etc. 146,322, Sept. 6, 1921. Republished Oct. 5. Class 6.
Parfumerie Houbigant, Paris, France, assignor to Houbigant, Inc., by Houbigant, Inc., New York, N. Y. Perfumes, toilet waters, sachet and sachet powders. 146,323, Sept. 6, 1921. Republished Oct. 5. Class 6.
Pennsylvania Refining Company, Butler, Pa. Solvent preparation. 502,768, Oct. 5; Serial No. 536,281. Class 6.
Pickaway Canning Company, The, Circleville, Ohio. Canned vegetables. 369,703, Aug. 1, 1939. Republished Oct. 5. Class 46.
Piedmont Pine Corporation, Aiken, S. C. Lumber, plywood, millwork and moulding. 502,648, Oct. 5; Serial No. 534,337, published June 29, 1948. Class 12.
Pierce, S. S., Co., Boston, Mass. Fresh, dried, and stuffed fruits, raisins, canned and preserved fruits, etc. 236,895, Dec. 27, 1927. Republished Oct. 5. Class 46.
Pierce's Proprietaries, Inc., Buffalo, N. Y. General tonic and bitter stomachic, rectal ointment, salve. 502,667, Oct. 5; Serial No. 538,446, published June 29, 1948. Class 6.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 93,904, Oct. 21, 1913. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. For flour made from wheat. 143,430, May 31, 1921. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 293,505, Apr. 26, 1932. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 296,114, July 26, 1932. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 306,600, Sept. 26, 1933. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 334,193, Apr. 21, 1936. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 342,948, Feb. 2, 1937. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 354,823–24, Feb. 22, 1938. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Four. 355,525, Mar. 22, 1938. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 372,482, Oct. 31, 1939. Republished Oct. 5. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 374,196, Jan. 2, 1940. Republished Oct. 5. Class 46.
Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.
Pillsbury-Washburn Flour Mills Co., Inc.
Pillsbury-Washburn Flour Mills Co., Inc., by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 45,181, Aug. 8, 1905. Republished Oct. 5. Class 46.
Pillsbury-Washburn Flour Mills Company, Inc., by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 45,744, Aug. 29, 1905. Republished Oct. 5. Class 46.
Porcher, E. P., to A. R. Earnhardt, Successor Trustee of the Estate of E. P. Porcher, deceased, Cocoa, Fla. Fresh citrus fruits. 245,677, renewed Aug. 21, 1948. O. G. Aug. 5. Class 46.
Porcher, E. P., to A. R. Earnhardt, Successor Trustee of the Estate of E. P. Porcher, deceased, Cocoa, Fla. Fresh citrus fruits. 245,678, renewed Aug. 21, 1948. O. G. Oct. 5. Class 46.
Potter Drug & Chemical Corporation, Malden, Mass. Preparation of pure Jamaica ginger. 58,771, Dec. 25, 1906. Republished Oct. 5. Class 6.
Press, Florence C., New Haven, Conn. Hosiery and underwear for men, women, etc. 397,195, Aug. 25, 1942. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 39.
Pressed Prism Plate Glass Company, Morgantown, W. Va. Slabs or plates of vitreous material. 43,457–8, Oct. 4, 1904. Republished Oct. 5. Class 33.
Pritchard, E., Inc.: *See*—
Pritchard, Edward.
Pritchard, Edward, New York, N. Y., by E. Pritchard, Inc., Bridgeton, N. J. Ammonia, catsup, and sauce. 28,564, July 7, 1896. Republished Oct. 5. Class 6.
Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 502,622, Oct. 5; Serial No. 527,733, published Jan. 27, 1948. Class 4.
Prophylactic Products, Inc., New York, N. Y. Auxiliary telephone mouthpiece caps having replaceable germicidal disks. 440,896, Oct. 5; Serial No. 525,246, published June 15, 1948. Class 44.
Provident Chemical Works, St. Louis, Mo. Chemical compound, an alkali. 265,216, Dec. 17, 1929. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 4.
Pure Oil Company, The, Chicago, Ill. Protective coating and/or lubricant comprising essentially petroleum hydrocarbons and a small amount of a corrosion inhibiting chemical. 502,619, Oct. 5; Serial No. 527,285, published June 15, 1948. Class 6.
Puritan Compressed Gas Corporation: *See*—
Oxygen Gas Company.
Pyridium Corporation: *See*—
Pyridium Corporation, The.
Pyridium Corporation, The, Nepera Park, to Pyridium Corporation, Yonkers, N. Y. Medicine for use in germ infections and as an antiseptic. 251,253, renewed Jan. 1, 1949. O. G. Oct. 5. Class 6.
Pyro Plastics Corporation, Westfield, N. J. Toy pistols and toy whistles. 440,842, Oct. 5; Serial No. 501,594, published June 29, 1948. Class 22.
Quaker Chemical Products Corporation, Conshohocken, Pa. Chemicals for scouring, fulling, felting, and softening textiles. 502,652, Oct. 5; Serial No. 535,875, published June 22, 1948. Class 6.
RnD Associates, Newark, N. J. Golf game. 440,858, Oct. 5; Serial No. 512,928, published June 29, 1948. Class 22.
R. & R. Novelty Co., Inc., Brooklyn, N. Y. Mechanical water toys. 440,875, Oct. 5; Serial No. 518,981, published June 29, 1948. Class 22.
R & S Toy Mfg. Co., Inc., Brooklyn, N. Y. Toy holsters. 440,867, Oct. 5; Serial No. 515,637, published June 29, 1948. Class 22.
Raab Custom Tailors, Inc., Cincinnati, Ohio. Suits, waistcoats, trousers, etc. 388,972, July 22, 1941. Republished Oct. 5. Class 39.
Raab-Meyerhoff, M. H., Co., Inc., Philadelphia, Pa. Dress shirts. 356,739, May 10, 1938. Republished Oct. 5. Class 39.
Raby Brothers, York, Pa. Waterless hand cleaner. 502,644, Oct. 5; Serial No. 534,051, published July 6, 1948. Class 4.
Radiobar Company of America: *See*—
Krause, Earnest J.
Random House, Inc., New York, N. Y. Series of books. 354,754, Feb. 22, 1938. Republished Oct. 5. Class 38.
Reejane, Inc., New York, N. Y. Perfumes, toilet waters, eau de cologne, etc. 502,742, Oct. 5; Serial No. 547,941, published July 6, 1948. Class 6.
Reliable Grocery Co. Inc., Philadelphia, Pa. Canned fruits, vegetables, canned fish, etc. 320,806, Jan. 8, 1935. Republished Oct. 5. Class 46.
Renuzit Home Products Co., Philadelphia, Pa. Dry cleaning fluids. 502,661, Oct. 5; Serial No. 537,244, published June 8, 1948. Class 4.
Rex, M. A., doing business as California Sea Food Company, San Francisco, by California Sea Food Corp., Long Beach, Calif. Canned tuna fish and canned sardines. 282,157, Apr. 14, 1931. Republished Oct. 5. Class 46.
Rexall Drug Company: *See*—
United Drug Company.
Rhinelander Paper Company, Rhinelander by Nekoosa-Edwards Paper Company, Port Edwards, Wis. Wrapping paper. 88,026, Aug. 20, 1912. Republished Oct. 5. Class 37.
Rhoads, J. E., & Sons, Philadelphia, Pa., and Wilmington, Del. Leather belting and fabric belting. 65,028, Sept. 3, 1907. Republished Oct. 5. Class 35.
Rhoads, J. E., & Sons, Philadelphia, Pa. Flat leather belting, rounded leather belting, leather cord, etc. 95,667, Mar. 3, 1914. Republished Oct. 5. Class 35.
Rhoads, J. E., & Sons, Philadelphia, Pa., and Wilmington, Del. Leather belting, round leather belting, cut leather, etc. 118,222, Aug. 21, 1917. Republished Oct. 5. Class 35.
Rhoads, J. E., & Sons, Philadelphia, Pa. Valve leathers, leather valve washers, leather valve disks. 228,201, May 24, 1927. Republished Oct. 5. Class 35.
Rhoads, J. E., & Sons, Philadelphia, Pa. Hame straps and harness straps (plain). 229,365, June 28, 1927. Republished Oct. 5. Class 3.
Rhoads, J. E., & Sons, Philadelphia, Pa. Leather belting. 252,430–3, Feb. 5, 1929. Republished Oct. 5. Class 35.
Rhoads, J. E. & Sons, Philadelphia, Pa. U leathers, cup leathers, hat or flange leathers. 271,135, May 27, 1930. Republished Oct. 5. Class 35.
Rhoads, J. E. & Sons, Philadelphia, Pa. Lace leather. 290,649, Jan. 12, 1932. Republished Oct. 5. Class 1.

Rhythm Lingerie, Inc., New York, N. Y. Ladies' and misses' slips and night gowns. 414,010, May 22, 1945 Republished Oct. 5. Class 39.
Richter & Phillips Company, The: *See*—
May & Malone.
Schein & Engel Co.
Rider, Gertrude F., doing business under the assumed name of Hermosa Products Co., Portland, Oreg. Washing powder. 440,845, Oct. 5; Serial No. 505,942, published June 8, 1948. Class 4.
Ries, Jacob, by Jacob Ries Bottling Works, Inc., Shakopee, Minn. Table waters. 62,027, Apr. 16, 1907. Republished Oct. 5. Class 45.
Ries, Jacob, by Jacob Ries Bottling Works, Inc., Shakopee, Minn. Table waters. 67,402, Feb. 4, 1908. Republished Oct. 5. Class 45.
Ries, Jacob, Bottling Works, Inc.: *See*—
Ries, Jacob.
Roberts, Johnson & Rand Shoe Company to International Shoe Co., St. Louis, Mo. Leather boots and shoes. 71,838, re-renewed Dec. 15, 1948. O. G. Oct. 5. Class 39.
Roche-Organon Inc., Nutley, N. J. Medical preparation for use in the treatment of disorders of basal metabolism. 440,869, Oct. 5; Serial No. 517,524, published July 6, 1948. Class 6.
Rock of Ages Corporation: *See*—
Boutwell Milne & Varnum Co.
Rogers Exterminating Company, Mobile, Ala. Insecticide. 502,770, Oct. 5; Serial No. 543,328. Class 6.
Rokeach, I., & Sons, Inc., Brooklyn, N. Y. Honey. 244,918, renewed July 31, 1948. O. G. Oct. 5. Class 46.
Rol-A-Way Company, Inc., Philadelphia, Pa. Wheel trucks. 440,874, Oct. 5; Serial No. 518,854, published May 25, 1948. Class 19.
Roman Meal Company, Tacoma, Wash. Cereal breakfast food, bread biscuits, cookies, and crackers. 251,517, renewed Jan. 8, 1949. O. G. Oct. 5. Class 46.
Roper Bros., Inc., Winter Garden, Fla. Fresh citrus fruits. 387,716, May 27, 1941. Republished Oct. 5. Class 46.
Rosa, George P.: *See*—
Gioseffi, Estelle J.
Rosenbaum, Sam, & Sons Company, doing business as Kalamazoo Pant Company, by Kalamazoo Pant Company, Kalamazoo, Mich. Boys' trousers. 219,664, Oct. 19, 1926. Republished Oct. 5. Class 39.
Rosenbaum, Sam, & Sons Company, doing business as Kalamazoo Pant Company, by Kalamazoo Pant Company, Kalamazoo, Mich. Men's women's and children's knickerbockers and riding breeches. 231,029, Aug. 9, 1927. Republished Oct. 5. Class 39.
Rosenbaum, Sam, & Sons Company, doing business as Kalamazoo Pant Company, by Kalamazoo Pant Company, Kalamazoo, Mich. Men's and boys' long pants, knickers, shorts for outer wear, etc. 339,912, Oct. 27, 1936. Republished Oct. 5. Class 39.
Rosenberg Bros. & Co., San Francisco, Calif. Raisins. 70,295, re-renewed Aug. 18, 1948. O. G. Oct. 5. Class 46.
Rosenthal, E. M., Jewelry Co., Washington, D. C. Children's jewelry. 383,790, Dec. 24, 1940. Republished Oct. 5. Class 28.
Rouw, H., Company, The: *See*—
Growers Fruit Company, Inc.
Rouw, H., Company, The, Van Buren, Ark. Fresh fruits and vegetables. 388,995, July 22, 1941. Republished Oct. 5. Class 46.
Royal Packing Co., Los Angeles, Calif. Canned pimientos, morrones, canned peeled red chile peppers, etc. 244,179, renewed July 17, 1948. O. G. Oct. 5. Class 46.
Russell, Felix C., doing business as Cool Ocean Co., New Orleans, La. Antiseptic lotion. 440,837, Oct. 5; Serial No. 492,794, published July 6, 1948. Class 6.
Ry-Lock Company, Ltd., San Leandro, Calif. Window screens. 440,882, Oct. 5; Serial No. 520,234, published June 29, 1948. Class 12.
Sale & Co. (U. S. A.) Inc., New York, N. Y. Bicycles and parts thereof. 502,615, Oct. 5; Serial No. 526,980, published July 6, 1948. Class 19.
Salerno-Megowen Biscuit Company, Chicago, Ill. Crackers, cookies, wafers, and biscuits. 351,206, Oct. 19, 1937. Republished Oct. 5. Class 46.
Sales Affiliates, Inc.: *See*—
Zotos Corporation.
Salomon Freres, Societe a Responsabilite Limitee, Pantin, France. Soaps. 502,656, Oct. 5; Serial No. 536,955, published June 8, 1948. Class 4.
Salz, A. K., Company, Santa Cruz, Calif. Hides and leather. 432,860, Sept. 16, 1947. Republished Oct. 5. Class 1.
Savoy Watch Co. Inc., New York, N. Y. Watches, watch-cases, watch movements, and parts thereof. 247,315, renewed Sept. 25, 1948. O. G. Oct. 5. Class 27.
Scharmann, Gustav, by P. C. Scharmann, doing business under the name of Gustav Scharmann, New York, N. Y. Dental burs. 40,918, Aug. 11, 1903. Republished Oct.
Scharmann, Paul C.: *See*—
5. Class 44.
Scharmann, Gustav.

Schein & Engel Co., doing business as Banner Watch Co., New York, N. Y., by The Richter & Phillips Company, Cincinnati, Ohio. Watches, watch movements, and parts of same. 231,774, Aug. 23, 1927. Republished Oct. 5. Class 27.
Schiff Company, The, by Shoe Corporation of America, Columbus, Ohio. Shoes. 386,389, Apr. 8, 1941. Republished Oct. 5. Class 39.
Schnelle, Omar H., doing business as Sho Products Company, Columbus, Ohio. Wallpaper cleaner. 502,690, Oct. 5; Serial No. 539,444, published June 22, 1948. Class 4.
Schoellkopf, Hartford & Hanna Company, Buffalo, N. Y., to Allied Chemical & Dye Corporation, New York, N. Y. Aniiin coloring materials. 71,242, re-renewed Nov. 10, 1948. O. G. Oct. 5. Class 6.
Schoenike, John A., doing business as Stalker Archery Co., Clintonville, Wis. Archery equipment. 440,892, Oct. 5; Serial No. 524,353, published June 29, 1948. Class 22.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports. 502,653, Oct. 5; Serial No. 535,879, published June 22, 1948. Class 44.
Schomacker Piano Forte Manufacturing Co., to John Wanamaker Philadelphia, Philadelphia, Pa. Pianos and pianofortes. 72,174, re-renewed Jan. 5, 1949. O. G. Oct. 5. Class 36.
Schreiber, A. H., Co.: *See*—
Schreiber, A. H., Co., Inc.
Schreiber, A. H., Company, by A. H. Schreiber Co., Inc., New York, N. Y. Ladies' underwear. 270,126, Apr. 29, 1930. Republished Oct. 5. Class 39.
Schreiber, A. H., Co., Inc.: *See*—
Schreiber, A. H., Company.
Schreiber, A. H., Co., Inc., assignor to A. H. Schreiber Co., by A. H. Schreiber Co., Inc., New York, N. Y. Ladies' panties. 414,409, June 12, 1945. Republished Oct. 5. Class 45.
Schreiber, Paul, and Son, New York, N. Y. Health-building noncereal and maltless nonalcoholic beverage. 269,432, Apr. 8, 1930. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 45.
Schwab, S. M., Jr. & Co., New York, N. Y. Cotton and cretonne piece goods. 368,851, July 4, 1939. Republished Oct. 5. Class 42.
Scovill Manufacturing Company: *See*—
Hamilton Beach Manufacturing Company.
Scully Signal Company, Cambridge, Mass. Liquid level indicators. 385,376, Feb. 25, 1941. Republished Oct. 5. Class 26.
Scully Signal Company, Cambridge and East Cambridge, Mass. Antisiphoning theft guards. 394,290, Mar. 31, 1942. Republished Oct. 5. Class 19.
Scully Signal Company, Cambridge, Mass. Liquid level detecting alarm attachments. 397,328, Sept. 1, 1942. Republished Oct. 5. Class 26.
Selby Shoe Company, The, Portsmouth, Ohio. Women's shoes. 350,017, Sept. 14, 1937. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Women's, misses', and female children's and infants' shoes. 350,868–70, Oct. 12, 1937. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Women's, misses', and female children's and infants' shoes. 350,968, Oct. 12, 1937. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 392,773–4, Jan. 13, 1942. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 399,687, Jan. 26, 1943. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 401,523, May 25, 1943. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 401,564, May 25, 1943. Republished Oct. 5. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 408,806, Aug. 29, 1944. Republished Oct. 5. Class 39.
Service Industries, Philadelphia, Pa. Washing powder or liquid. 440,886, Oct. 5; Serial No. 521,689, published June 8, 1948. Class 4.
Shapleigh Coffee Company, by Martin L. Hall Company, Boston, Mass. Coffee and tea. 68,024, Mar. 3, 1908. Republished Oct. 5. Class 46.
Shapleigh Coffee Company, by Martin L. Hall Company, Boston, Mass. Coffee and tea. 68,037, Mar. 3, 1908. Republished Oct. 5. Class 46.
Sharp & Dohme, Baltimore, Md., to Sharp & Dohme, Incorporated, Philadelphia, Pa. Sedative expectorant. 139,697, renewed Jan. 5, 1948. O. G. Oct. 5. Class 6.
Sharp & Dohme, Baltimore, Md., to Sharp & Dohme, Incorporated, Philadelphia, Pa. Sugar substitute. 146,453, renewed Jan. 5, 1948. O. G. Oct. 5. Class 46.
Sharp & Dohme, Incorporated: *See*—
Sharp & Dohme.
Shellgram Company, The, to The Shellgram Company, Newark, N. J. Bird food. 244,176, renewed July 17, 1948. O. G. Oct. 5. Class 46.
Sho Products Company: *See*—
Schnelle, Omar H.
Shoe Corporation of America: *See*—
Schiff Company, The.
Shubert, A. B., by A. B. Shubert Fur Co., Chicago, Ill. Raw furs. 95,673, Mar. 3, 1914. Republished Oct. 5. Class 1.
Shubert, A. B., Fur Co.: *See*—
Shubert, A. B.
Sinclair, H. M., Jr., trustee for the partnership, The Sinclair Manufacturing Company, Toledo, Ohio. Lye. 502,616, Oct. 5; Serial No. 527,005, published June 22, 1948. Class 6.

Sinclair Manufacturing Company, The: *See*—
Sinclair, H. M., Jr.

Skipper's Remedies, Portland, Oreg. Sarcoptic Mange Medicine. 417,784, Nov. 13, 1945. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 6.

Slack, S. L.: *See*—
Slack, Stephen L.

Slack, Stephen L., doing business as S. L. Slack, Boylston, Mass. Dry and wet mops, wall mops and hand dusters. 440,871, Oct. 5; Serial No. 518,565, published June 22, 1948. Class 29.

Smith & Nichols, Inc., New York, N. Y. Beeswax, stearic acid, and spermaceti. 128,858, Jan. 13, 1920. Republished Oct. 5. Class 6.

Smith & Nichols, Inc., New York, N. Y. Candles. 227,199, May 3, 1927. Republished Oct. 5. Class 15.

Smith & Nichols, Inc., New York, N. Y. Candles. 229,111, June 21, 1927. Republished Oct. 5. Class 15.

Smith & Nichols, Inc., New York, N. Y. Candles. 415,073–4, July 10, 1945. Republished Oct. 5. Class 15.

Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Viviers, Ardeche, France, to Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Paris, France. Lime and cement. 197,944, renewed Apr. 28, 1945. O. G. Oct. 5. Class 12.

Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Viviers, Ardeche, France, to Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Paris, France. Lime and cement. 201,734, renewed Aug. 4, 1945. O. G. Oct. 5. Class 12.

Societe Vinicole de Champagne, Paris, France, to G. H. Mumm & Co., Societe Vinicole de Champagne Successeurs, Paris and Reims, France. Champagne wine. 234,022, renewed Oct. 18, 1947. O. G. Oct. 5. Class 47.

Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Floor oilers. 440,895, Oct. 5; Serial No. 524,913, published June 29, 1948. Class 29.

Solar Electric Corporation, Warren, Pa. Electrical Incandescent lamps, etc. 429,745. May 13, 1947. Canceled Aug. 26, 1948. O. G. Oct. 5. Class 21.

Southern Metal Stamping Co., Inc., New Orleans, La. Disinfectant. 440,853, Oct. 5; Serial No. 510,032, published May 18, 1948. Class 6.

Southern Sizing Company, Atlanta, Ga. Composition for the treatment of cellulose yarns. 502,691, Oct. 5; Serial No. 539,450, published June 8, 1948. Class 6.

Southern States Iron Roofing Company, Savannah, Ga. Metal roofing and asphalt roofing; asphalt-plastic roof cement. 502,651, Oct. 5; Serial No. 535,639, published June 29, 1948. Class 12.

Souza, Seabra & Cia., Ltda., Rio de Janeiro, Brazil. Preparation used in the treatment of tuberculosis. 502,748, Oct. 5; Serial No. 550,268, published June 29, 1948. Class 6.

Spangle Solvents Company: *See*—
Bassette, Roy D., Jr.

Spatz, Albert C., Woodhaven, N. Y. Toy banjo ukuleles. 440,833, Oct. 5; Serial No. 488,003, published June 29, 1948. Class 22.

Speidel Corporation, Providence, R. I. Bracelets and bracelet and jewelry chains. 390,626, Sept. 30, 1941. Republished Oct. 5. Class 28.

Speidel Corporation, Providence, R. I. Watch bracelets. 422,701, Aug. 6, 1946. Republished Oct. 5. Class 28.

Speidel Corporation, Providence, R. I. Bracelets. 433,057, Sept. 23, 1947. Republished Oct. 5. Class 28.

Speigel, Inc.: *See*—
Speigel, May, Stern Company, Incorporated.

Spiegel, May, Stern Company, Incorporated, The, by Spiegel, Inc., Chicago, Ill. Pneumatic vehicle tires and inner tubes. 336,283, June 30, 1936. Republished Oct. 5. Class 35.

Sprayomatic Products Company, The, Cincinnati, Ohio. Offset solution used in printing. 440,897, Oct. 5; Serial No. 525,415, published June 8, 1948. Class 11.

Stalker Archery Co.: *See*—
Schoenike, John A.

Standard Glass Company, to Foster-Forbes Glass Company, Marion, Ind. Glass bottles. 71,949, re-renewed Dec. 22, 1948. O. G. Oct. 5. Class 33.

Standish, Eula S., Providence, R. I., to Formaid Co., Boston, Mass. Brassières, bandeaux and corselets. 251,212, renewed Jan. 1, 1949. O. G. Oct. 5. Class 39.

Stanford Fruit Growers, Inc., Lake Alfred, Fla. Fresh citrus fruits. 392,650, Jan. 6, 1942. Republished Oct. 5. Class 46.

Stanford Fruit Growers, Inc., Lake Alfred, Fla. Fresh citrus fruits. 393,393, Feb. 10, 1942. Republished Oct. 5. Class 46.

Stanford Fruit Growers, Inc., Lake Alfred, Fla. Fresh citrus fruits. 395,769, June 9, 1942. Republished Oct. 5. Class 46.

Stanford Fruit Growers, Inc., Lake Alfred, Fla. Fresh citrus fruit. 395,892, June 16, 1942. Republished Oct. 5. Class 46.

Stansen Corporation, The, Chicago, Ill. Lawn sprinkler. 421,135, May 21, 1946. Cancelled Aug. 26, 1948. O. G. Oct. 5. Class 13.

Sté Ame M. Naef & Cie., to Firmenich & Co., successors de la Societe Anonyme M. Naef & Cie., Geneva, Switzerland. Artificial and synthetical perfumes, essential oils. 248,299, renewed Oct. 16, 1948. O. G. Oct. 5. Class 6.

Stelwagon Manufacturing Company, Philadelphia, Pa. Roof cement. 502,635, Oct. 5; Serial No. 532,652, published June 22, 1948. Class 12.

Stelwagon Manufacturing Company, Philadelphia, Pa. Felt roofing. 502,636, Oct. 5; Serial No. 532,654, published June 22, 1948. Class 12.

Stern Brothers, New York, N. Y. Men's, women's, misses' and children's caps, hats, shoes. 250,977, renewed Dec. 18, 1948. O. G. Oct. 5. Class 39.

Stern Brothers, New York, N. Y. Toilet soaps. 252,107, renewed Jan. 22, 1949. O. G. Oct. 5. Class 4.

Stora Kopparbergs Bergslags, Aktiebolag, Falun, Sweden. Iron and steel in bars, blooms, and rings. 242,325, renewed May 22, 1948. O. G. Oct. 5. Class 14.

Strawbridge & Clothier, Philadelphia, Pa. Fluid extract of cascara; lotion, etc. 260,477, Aug. 27, 1929. Republished Oct. 5. Class 6.

Stremliner Emery Ad.: *See*—
Gonia, John C.

Sulloway Hosiery Mills, Franklin, N. H. Hosiery. 432,373, Sept. 2, 1947. Republished Oct. 5. Class 39.

Sun Harbor Packing Company: *See*—
Sun Harbor Packing Corporation.

Sun Harbor Packing Corporation, San Diego, by Sun Harbor Packing Company, San Diego, Calif. Canned sardines and canned tuna. 127,692, Nov. 18, 1919. Republished Oct. 5. Class 46.

Sun Oil Company, Philadelphia, Pa. Fibre and cloth automobile seat covers, automobile gasoline tank caps, automobile radiator caps, etc. 440,898, Oct. 5; Serial No. 525,422, published July 6, 1948. Class 19.

Superior Felt & Bedding Co., to The Englander Company, Inc., Chicago, Ill. Mattresses. 248,754, renewed Oct. 30, 1948. O. G. Oct. 5. Class 32.

Superior Felt & Bedding Co., to The Englander Company, Inc., Chicago, Ill. Mattresses. 250,601, renewed Dec. 11, 1948. O. G. Oct. 5. Class 32.

Swanson Baking Company, Fitchburg, Mass. Cupcakes. 283,554, June 2, 1931. Republished Oct. 5. Class 46.

Taylor Machine Works, Louisville, Miss. Mobile logging trucks. 440,854, Oct. 5; Serial No. 510,130, published July 6, 1948. Class 19.

Ted's Motors, Inc., Maplewood, Mo. Automobiles. 502,702, Oct. 5; Serial No. 542,892, published July 6, 1948. Class 19.

Tempest, Felix Co., Los Angeles, Calif., to Dorothy K. Kerr, doing business as Felix Tempest Co., Brooklyn, N. Y. Hair wash. 69,597, re-renewed June 23, 1948. O. G. Oct. 5. Class 6.

Templet Manufacturing Corporation, New York, N. Y. Toy birds with moving parts. 440,843, Oct. 5; Serial No. 502,089, published June 29, 1948. Class 22.

Tern, Incorporated: *See*—
Lorraine Compounds Inc.

Tesoro, Sam, Chicago, Ill. Spices and flavoring extracts for foods. 244,558, renewed July 24, 1948. O. G. Oct. 5. Class 46.

Thermopin Laboratories, Inc., by Matthew Products Inc., New York, N. Y. Bubble bath, eau de cologne and dusting powder. 403,401, Sept. 21, 1943. Republished Oct. 5. Class 6.

Thomas Mills, Inc., High Point, N. C. Hosiery. 252,947, Feb. 19, 1929. Republished Oct. 5. Class 39.

Thomas Mills, Inc., High Point, N. C. Hosiery. 258,052, June 25, 1929. Republished Oct. 5. Class 39.

Thomas Mills, Inc., High Point, N. C. Hosiery. 272,368, July 8, 1930. Republished Oct. 5. Class 39.

Thomas Mills, Inc., High Point, N. C. Hosiery. 281,444, Mar. 17, 1931. Republished Oct. 5. Class 39.

Thompson Engineering Co., The: *See*—
Thompson, Frank E., Jr.

Thompson, Frank E., Jr., doing business as The Thompson Engineering Co., Grand Rapids, Mich. Marine propellers. 502,627, Oct. 5; Serial No. 528,825, published July 6, 1948. Class 19.

Tiona Petroleum Company: *See*—
Tiona Refining Company.

Tiona Refining Company, Clarendon, to Tiona Petroleum Company, Philadelphia, Pa. Illuminating oils, motor fuel oils, lubricating oils and greases. 241,496, renewed May 1, 1948. O. G. Oct. 5. Class 15.

Topper Undergarment Company, New York, N. Y. Junior misses' and little misses' slips, panties, nightgowns, etc. 440,863, Oct. 5; Serial No. 514,447, published June 8, 1948. Class 39.

Topteens, Inc., New York, N. Y. Women's and misses' dresses. 440,889, Oct. 5; Serial No. 523,154, published May 25, 1948. Class 39.

Transicoach, Inc., Richmond, Ind. Coaches, busses, motor vehicles, etc. 502,640, Oct. 5; Serial No. 533,213, published July 6, 1948. Class 19.

Tremco Manufacturing Company, The, Cleveland, Ohio. Paint enamels. 344,275, Mar. 16, 1937. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Paint enamels. 392,016, Dec. 2, 1941. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Paints. 392,676, Jan. 6, 1942. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Paints. 393,383, Feb. 10, 1942. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Corrosion inhibiting coating liquids. 396,691, July 28, 1942. Republished Oct. 5. Class 6.

Tremco Manufacturing Company, The, Cleveland, Ohio. Ready-mixed paint. 401,058, Apr. 20, 1943. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Treatment material for treating cement, concrete, and like surfaces. 403,383, Sept. 21, 1943. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Permanently elastic compound. 406,018, Mar. 7, 1944. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Caulking and pointing compounds and roofing and dampproofing compounds. 407,335, May 30, 1944. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Ready mixed paints. 407,701, June 20, 1944. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Mastic compound. 407,710, June 20, 1944. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Paint enamels. 408,181, July 25, 1944. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Ready-mixed paint. 408,563, Aug. 15, 1944. Republished Oct. 5. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Pliable, elastic material. 408,763, Aug. 29, 1944. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Protective liquid coatings. 410,891, Dec. 26, 1944. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Mastic cement. 410,901, Dec. 26, 1944. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Mastic compound. 416,434, Sept. 11, 1945. Republished Oct. 5. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Enamel paint. 416,992, Oct. 9, 1945. Republished Oct. 5. Class 16.

Treo Company, Inc., New York, N. Y. Girdles, corsets, brassières, etc. 390,660, Sept. 30, 1941. Republished Oct. 5. Class 39.

Tri-City Vegetable Growers, San Juan, Tex. Fresh tomatoes. 502,771, Oct. 5; Serial No. 529,833. Class 46.

Trimfoot Company, Farmington, Mo. Internal arch-supports and external arch-supports. 502,642, Oct. 5; Serial No. 533,422, published June 8, 1948. Class 44.

Tripi, F. C., Co., Inc., also doing business as Indian Head Products Co., by Indian Head Products Co., Buffalo, N. Y. Canned fruits, canned vegetables, and tomato juice. 375,172, Feb. 13, 1940. Republished Oct. 5. Class 46.

Tripi, F. C., Company, Inc., doing business as Indian Head Products Co., by Indian Head Products Co., Inc., Buffalo, N. Y. Canned fruits, canned vegetables, canned grape-fruit juice, canned orange juice. 421,428, June 4, 1946. Republished Oct. 5. Class 46.

Tropical Paint & Oil Company, The, Cleveland, Ohio. Enamel in the nature of paint. 251,578, renewed Jan. 8, 1949. O. G. Oct. 5. Class 16.

Troxel Manufacturing Company, The, Elyria, Ohio. Saddles. 502,623, Oct. 5; Serial No. 527,861, published July 6, 1948. Class 19.

Troy Laundry Machinery Company, Inc., by American Machine & Metals, Inc., New York, N. Y. Laundry washing machines. 257,702, June 18, 1929. Republished Oct. 5. Class 24.

Truesdail Laboratories, Inc. Los Angeles, Calif. Chemical and bacteriological laboratory services. 502,752, Oct. 5; Serial No. 531,740, published July 13, 1948. Class 55.

Union Cutlery Company, Inc., Olean, N. Y. Razor strops and hones. 502,706, Oct. 5; Serial No. 544,225, published June 8, 1948. Class 4.

Union Fork & Hoe Company, The, Columbus, Ohio. Fish forks, hayforks, clover forks, etc. 246,236, renewed Sept. 4, 1948. O. G. Oct. 5. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand weeders. 246,237, renewed Sept. 4, 1948. O. G. Oct. 5. Class 23.

Union Fork & Hoe Company, The, Columbus Ohio. Fish forks, hayforks, clover forks, etc. 251,456, renewed Jan. 8, 1949. O. G. Oct. 5. Class 23.

Union Premier Food Stores, Inc.: *See*—
Union Premier Stores, Inc.

Union Premier Stores, Inc., by change of name, Union Premier Food Stores, Inc., by Food Fair Stores, Inc., Philadelphia Pa. Canned vegetables, canned fruits, pickles, etc. 350,693, Oct. 5, 1937. Republished Oct. 5. Class 46.

United Distillers Limited, by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada. Whisky, gin, and rum. 310,695, Mar. 6, 1934. Republished Oct. 5. Class 49.

United Distillers (of Canada) Ltd.: *See*—
United Distillers Limited.

United Drug Company, Boston, Mass., to Rexall Drug Company, Los Angeles, Calif. Antiseptic, deodorizing, or prophylactic solution. 246,129, renewed Sept. 4, 1948. O. G. Oct. 5. Class 6.

United Hosiery Mills Corporation, Chattanooga, Tenn. Dolls. 502,755, Oct. 5; Serial No. 503,268. Class 22.

United States Electrical Manufacturing Company, by U. S. Electrical Motors, Inc., Los Angeles, Calif. Electric motors. 263,208, Nov. 5, 1929. Republished Oct. 5. Class 21.

U. S. Electrical Motors, Inc.: *See*—
United States Electrical Manufacturing Company.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Metal polish. 502,632, Oct. 5; Serial No. 531,630, published July 6, 1948. Class 4.

United States Vanadium Corporation, New York, N. Y. Inorganic compounds of metals. 440,878, Oct. 5; Serial No. 519,303, published July 6, 1948. Class 6.

Universal Dental Company, Philadelphia, Pa. Artificial teeth. 502,643, Oct. 5; Serial No. 533,649, published June 22, 1948. Class 44.

Upland Lemon Growers Association, Upland, Calif. Fresh citrus fruits. 245,267, renewed Aug. 7, 1948. O. G. Oct. 5. Class 46.

Valley Mills: *See*—
Hillside Cotton Mills.

Van Ameringen, Arnold L., to van Ameringen-Haebler, Inc., New York, N. Y. Essences of perfumes, essences for perfumery materials, aromatic materials, etc. 245,446, renewed Aug. 14, 1948. O. G. Oct. 5. Class 6.

Van Ameringen-Haebler, Inc.: *See*—
Van Ameringen, Arnold L.

Van Deest, Walter J., May Lake, High Sierra Camp, Yosemite National Park, Calif. Game. 440,852, Oct. 5; Serial No. 508,457, published June 29, 1948. Class 22.

Van Kirk, George M., Davie, Fla. Citrus fruit. 399,679, Jan 26, 1943. Republished Oct. 5. Class 46.

Van Landingham, Charles E., Los Angeles, Calif. Canned sardines. 131,868, May 25, 1920. Corrected. O. G. Oct. 5. Class 46.

Van Landingham Co., The, Los Angeles, Calif. Canned fruits, canned vegetables, and canned fish. 212,264, Apr. 27, 1926. Corrected. O. G. Oct. 5. Class 46.

Veddersburg Co.: *See*—
Lindsay, Robert Z.

Visible Records Equipment Company: *See*—
Diebold Incorporated.

Visible Records Equipment Company, Canton, Ohio, by Diebold, Incorporated, Chicago, Ill. Loose-leaf record books. 198,460, May 19, 1925. Republished Oct. 5. Class 37.

Visible Records Equipment Company, Chicago, Ill., by Diebold Incorporated, Canton, Ohio. Visible record posting stands and tray files. 399,675, Jan. 26, 1943. Republished Oct. 5. Class 32.

Vollrath Co., The: *See*—
Vollrath, Jacob J., Mfg. Co., The.

Vollrath, Jacob J., Mfg. Co., The, by The Vollrath Co., Sheboygan, Wis. Enameled metal ware. 70,317, Aug. 18, 1908. Republished Oct. 5. Classes 2, 13, 23.

Voneiff-Drayer Company, Baltimore, Md. Candles. 398,634, Nov. 10, 1942. Republished Oct. 5. Class 46.

Vramant, Madeleine, born Madeleine Giraud, Paris, France. Perfumes. 440,879, Oct. 5; Serial No. 519,403, published July 6, 1948. Class 6.

Wanamaker, John, Philadelphia: *See*—
Schomacker Piano Forte Manufacturing Co., The.

Ward Leonard Electric Company, Mount Vernon, N. Y. Electric resistance units, rheostats, regulators, etc. 147,827–8, Nov. 1, 1921. Republished Oct. 5. Class 21.

Washburn Crosby Company, assignor to General Mills, Inc., by General Mills, Inc., Minneapolis, Minn. Stock and poultry feed. 251,528, renewed Jan. 8, 1949. O. G. Oct. 5. Class 46.

Washington Manufacturing Company: *See*—
Allen, Horace L., Mfg. Co.

Wasmuth-Endicott Company, by The Kitchen Maid Corporation, Andrews, Ind. Kitchen cabinets. 103,403, Mar. 30, 1915. Republished Oct. 5. Class 32.

Wasmuth-Endicott Company, by The Kitchen Maid Corporation, Andrews, Ind. Ironing boards. 228,643, June 7, 1927. Republished Oct. 5. Class 24.

Wasmuth-Endicott Company, by The Kitchen Maid Corporation, Andrews, Ind. Refrigerators. 228,776, June 7, 1927. Republished Oct. 5. Class 31.

Wasmuth-Endicott Company, by The Kitchen Maid Corporation, Andrews, Ind. Kitchen cabinets, china cabinets, wall cabinets, etc. 229,229, June 21, 1927. Republished Oct. 5. Class 32.

Webster Electric Company, Racine, Wis. Thermostatically controlled, variable diameter V pulleys. 428,164, Mar. 11, 1947. Republished Oct. 5. Class 23.

Wells Lamont Corporation: *See*—
Wells-Lamont Mfg. Co.
Wells-Lamont Manufacturing Co.
Wells-Lamont-Smith Corporation.
Wells Lamont Smith Corporation.

Wells-Lamont Mfg. Co., Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Cotton gloves, jersey gloves, and leather-palm combination gloves. 205,461, Nov. 10, 1925. Republished Oct. 5. Class 39.

Wells-Lamont Manufacturing Co., Minneapolis, Minn., by Wells-Lamont Corporation, Chicago, Ill. Working men's gloves. 251,327, Jan. 1, 1929. Republished Oct. 5. Class 39.

Wells-Lamont-Smith Corporation, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Work gloves. 342,531–2, Jan. 19, 1937. Republished Oct. 5. Class 39.

Wells Lamont Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 393,273, Feb. 3, 1942. Republished Oct. 5. Class 39.

Wells Lamont Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 398,616, Nov. 10, 1942. Republished Oct. 5. Class 39.

Wells Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 398,722, Nov. 17, 1942. Republished Oct. 5. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 399,009, Dec. 8, 1942. Republished Oct. 5. Class 39.

West Bend Equipment Co., by West Bend Equipment Corporation, West Bend, Wis. Platform-trucks. 146,910, Sept. 20, 1921. Republished Oct. 5. Class 19.

West Bend Equipment Corporation: *See*—
West Bend Equipment Co.

Western Auto Supply Company, Kansas City, Mo. Play wagons, roller skates, Irish mail (hand propelled car), etc. 440,857, Oct. 5; Serial No. 511,971, published July 6, 1948. Class 22.

Westgate Sea Products Co., San Diego, Calif. Canned tunny fish. 188,151, Aug. 19, 1924. Republished Oct. 5. Class 46.

Westgate Sea Products Co., San Diego, Calif. Canned fish. 373,730, Dec. 19, 1939. Republished Oct. 5. Class 46.

Westgate Sea Products Co., San Diego, Calif. Canned fish. 381,567, Oct. 1, 1940. Republished Oct. 5. Class 46.

Westgate Sea Products Co., San Diego, Calif. Canned fish. 383,118, Nov. 26, 1940. Republished Oct. 5. Class 46.

Westgate Sea Products Co., San Diego, Calif. Canned fish. 392,583, Jan. 6, 1942. Republished Oct. 5. Class 46.

Westgate Sea Products Co., San Diego, Calif. Canned fish. 395,215, May 19, 1942. Republished Oct. 5. Class 46.

White Laboratories, Inc.: *See*—
Health Products Corporation.

Whitehead Bros., Riverside, to C. W. Kircher, doing business as North Hollywood Egg Farms, North Hollywood, Calif. Eggs. 247,432, renewed Sept. 25, 1948. O. G. Oct. 5. Class 46.

Whiting & Company, Incorporated: *See*—
Whiting Paper Co.

Whiting Paper Co., by Whiting & Company Incorporated, Holyoke, Mass. Writing paper. 31,793, July 12, 1898. Republished Oct. 5. Class 37.

Wilber, Bernard M., doing business as Wilber & Son, San Francisco, Calif. Life saving equipment. 432,818, Sept. 16, 1947. Republished Oct. 5. Class 22.

Wilber & Son: *See*—
Wilber, Bernard M.

Williamson Candy Company, Chicago, Ill. Candy. 251,265, renewed Jan. 1, 1949. O. G. Oct. 5. Class 46.

Wilson, W. D., Printing Ink Co. Ltd., Long Island City, N. Y. Printing and lithographing inks. 502,700, Oct. 5; Serial No. 542,383, published June 8, 1948. Class 11.

Wimelbacher & Rice Inc., New York, N. Y. Fabric gloves. 502,673, Oct. 5; Serial No. 538,984, published May 25, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Fabric gloves. 502,674, Oct. 5; Serial No. 538,986, published June 8, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. 502,675, Oct. 5; Serial No. 538,989, published June 8, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Fabric gloves. 502,676, Oct. 5; Serial No. 538,990, published June 8, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. 502,677, Oct. 5; Serial No. 538,993, published June 8, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Fabric gloves. 502,678–9, Oct. 5; Serial Nos. 538,994–5, published June 8, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. 502,680–1, Oct. 5; Serial No. 538,997–8, published June 8, 1948. Class 39.

Wimelbacher & Rice Inc., New York, N. Y. Fabric and skin gloves. 502,682, Oct. 5; Serial No. 539,009, published June 8, 1948. Class 39.

Winorr Canning Company, The, Circleville, Ohio. Canned vegetables. 369,951, Aug. 8, 1939. Republished Oct. 5. Class 46.

Winston and Newell Company, Minneapolis, Minn. Canned fish. 282,745, Apr. 28, 1931. Republished Oct. 5. Class 46.

Wood, E. B.: *See*—
Wood Fruit Company, Inc.

Wood Fruit Company, Inc., Atwater, Calif., by E. B. Wood, Atwater, Calif. Fresh deciduous fruits. 249,808–9, Nov. 20, 1928. Republished Oct. 5. Class 46.

Woodbury, John H., Inc., Cincinnati, Ohio. Toilet preparations. 305,543, Aug. 22, 1933. Republished Oct. 5. Class 6.

Wooster Products, Inc., Wooster, Ohio. Safety stair treads, floor plates, and ramp plates. 285,075, July 14, 1931. Republished Oct. 5. Class 12.

Wooster Products, Inc., Wooster, Ohio. Floor plates and door thresholds. 291,265, Feb. 2, 1932. Republished Oct. 5. Class 12.

Wooster Products, Inc., Wooster, Ohio. Floor plates, ramp plates, and door thresholds. 329,792, Nov. 12, 1935. Republished Oct. 5. Class 12.

Wooster Products, Inc., Wooster, Ohio. Metallic safety stair treads, floor plates, ramp plates, etc. 330,263, Nov. 26, 1935. Republished Oct. 5. Class 12.

Wooster Products, Inc., Wooster, Ohio. Metal mouldings. 352,222, Nov. 23, 1937. Republished Oct. 5. Class 12.

Worcester Salt Company: *See*—
Ohio Salt Co., The.

Worthington Foods, Inc., Worthington, Ohio. Starch. 502,707, Oct. 5; Serial No. 544,311, published June 22, 1948. Class 6.

Wright, William E., & Sons Company, West Warren, Mass. Bias-fold tapes and trimmings. 212,222, Apr. 27, 1926. Republished Oct. 5. Class 40.

Wright, William E., & Sons Company, West Warren, Mass. Bias-fold tapes and trimmings of fabrics. 232,629, Sept. 13, 1927. Republished Oct. 5, 1948. Class 40.

Wurzburg Brothers, assignor to Wurzburg Brothers, Incorporated, Memphis, Tenn. Hand-operated two- and four-wheel trucks, industrial warehouse trailers, dollies, etc. 440,855, Oct. 5; Serial No. 510,141, published July 6, 1948. Class 19.

Wurzburg Brothers, Incorporated: *See*—
Wurzburg Brothers.

Wyandotte Chemicals Corporation, Wyandotte, Mich. Detergent compound. 502,638–9, Oct. 5; Serial Nos. 533,105–6, published July 6, 1948. Class 4.

Yates-American Machine Company, Beloit, Wis. Electric motors. 290,519, Jan. 5, 1932. Republished Oct. 5. Class 21.

Yates-American Machine Company, Beloit, Wis. Refrigeration apparatus. 401,140, Apr. 27, 1943. Republished Oct. 5. Class 31.

York Safe and Lock Co., York, Pa., by Diebold, Incorporated, Canton, Ohio. Safes and vault doors. 87,302, July 2, 1912. Republished Oct. 5. Class 25.

Zonite Products Corporation: *See*—
Jennings, Annette R.

Zotos Corporation, by Sales Affiliates, Inc., New York, N. Y. Hair waving lotions. 309,971, Feb. 6, 1934. Republished Oct. 5 Class 6.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Cellulose wadding in bulk and pad form as filler for sanitary napkins, etc. National Cellulose Corporation. 245,370, renewed Aug. 14, 1948. O. G. Oct. 5.

Coal. Cleveland-Cliffs Iron Company. 252,054, Jan. 22, 1929. Republished Oct. 5.

Coal. Cleveland-Cliffs Iron Co. 316,136, Aug. 14, 1934. Republished Oct. 5.

Coal. Cleveland-Cliffs Iron Co. 335,131, May 26, 1936. Republished Oct. 5.

Coal. Cleveland-Cliffs Iron Company. 378,142–3, May 28, 1940. Republished Oct. 5.

Coal, coke, ice, and building materials. Consumers Company. 200,772, July 7, 1925. Republished Oct. 5.

Furs, Raw. A. B. Shubert. 95,673, Mar. 3, 1914. Republished Oct. 5.

Hides and leather. A. K. Salz Company. 432,860, Sept. 16, 1947. Republished Oct. 5.

Leather. Joseph N. Elsendrath Company. 432,861, Sept. 16, 1947. Republished Oct. 5.

Leather in the piece, Real. Monarch Leather Company. 432,837, Sept. 16, 1947. Republished Oct. 5.

Leather, Lace. J. E. Rhoads & Sons. 290,649, Jan. 12, 1932. Republished Oct. 5.

Parting compound. Ferro Engineering Company. 283,529, June 2, 1931. Republished Oct. 5.

Poultry litter and animal breeding, horticultural mulch and low density pith. Godchaux Sugars, Inc. 341,507, Dec. 8, 1936. Republished Oct. 5.

Seeds and grain seeds, Field. Ed. F. Mangelsdorf & Brother. 302,640, Apr. 25, 1933. Republished Oct. 5.

Vegetable fiber material, Resin-impregnated. Columbian Rope Company. 408,633, Aug. 22, 1944. Republished Oct. 5.

CLASS 2

Cabinets, Metal. Morton Manufacturing Company. 329,627, Nov. 5, 1935. Republished Oct. 5.

Metal ware, Enameled. Jacob J. Vollrath Mfg. Co. 70,317, Aug. 18, 1908. Republished Oct. 5.

Proof boxes, storage bins, compartment racks, etc., Portable sanitary. Gustav Glaser Co., Inc. 244,627, renewed July 24, 1948. O. G. Oct. 5.

CLASS 3

Billfolds, brief cases, toilet cases, etc. C. L. King. 414,536, June 12, 1945. Republished Oct. 5.

Handbags, wallets, portfolios, etc. Cavendish Trading Corporation. 412,735, Mar. 20, 1945. Republished Oct. 5.

Hatboxes, leather suitcases, etc., Men's leather. Knox Hat Company, Inc. 278,598, Dec. 23, 1930. New certificate. O. G. Oct. 5.

Straps and harness straps (plain), Hame. J. E. Rhoads & Sons. 229,365, June 28, 1927. Republished Oct. 5.

CLASS 4

Antislipping preparation. Hydro-Chemical Company, Incorporated. 440,894, Oct. 5; Serial No. 524,873, published June 8, 1948.

Chemical compound, an alkali. Provident Chemical Works. 265,216, Dec. 17, 1929. Cancelled Aug. 26, 1948. O. G. Oct. 5.

Cleaner and household cleaner, Glass. R. D. Bassette, Jr. 440,884, Oct. 5; Serial No. 520,678, published June 22, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 502,622, Oct. 5; Serial No. 527,733, published Jan. 27, 1948.

Cleaner, Liquid dry. Atlantic Refining Company. 502,683, Oct. 5; Serial No. 539,017, published June 8, 1948.

Cleaner, Wallpaper. Federal Laboratories, Inc. 502,671, Oct. 5; Serial No. 538,740, published June 8, 1948.

Cleaner, Wallpaper. O. H. Schnelle. 502,690, Oct. 5; Serial No. 539,444, published June 22, 1948.

Cleaner, Waterless hand. Raby Brothers. 502,644, Oct. 5; Serial No. 534,051, published July 6, 1948.

Cleaning fluids, Dry. Renuzit Home Products Co. 502,661, Oct. 5; Serial No. 537,244, published June 8, 1948.

Cleaning preparation. Oakite Products, Inc. 412,276, Feb. 27, 1945. Republished Oct. 5.

Corundum and glass polishing compounds, Natural and manufactured. American Optical Company. 440,893, Oct. 5; Serial No. 524,645, published June 22, 1948.

Detergent compound. Wyandotte Chemicals Corporation. 502,638–9, Oct. 5; Serial Nos. 533,105–6, published July 6, 1948.

Detergent, Wool washing. Lorraine Compounds Inc. 502,631, Oct. 5; Serial No. 530,651, published June 22, 1948.

Dryecleaning composition for fabrics, furs, and felts. A. R. Jennings. 249,398, renewed Nov. 13, 1948. O. G. Oct. 5.

Polish, Metal. U. S. Sanitary Specialties Corporation. 502,632, Oct. 5; Serial No. 531,630, published July 6, 1948.

Polishes and liquid cleaners. Morton Manufacturing Corporation. 502,602, Oct. 5; Serial No. 506,185, published June 8, 1948.

Preparation for cleansing and restoring the finish of automobiles. Gulf Oil Corporation. 502,598, Oct. 5; Serial No. 492,437, published June 15, 1948.

Preparation for removing spots, and liquor, heat, etc. I. Jackson. 401,517, Feb. 27, 1945. Republished Oct. 5.

Scrub soap, Concentrated. C. B. Dolge Company. 502,686, Oct. 5; Serial No. 539,291, published June 8, 1948.

Shoe shine kit. Knomark Manufacturing Co., Inc. 502,685, Oct. 5; Serial No. 539,176, published June 8, 1948.

Soap, Emergency Laboratories. 251,982, renewed Jan. 22, 1949. O. G. Oct. 5.

Soap. Andrew Jergens Company. 176,193, Nov. 20, 1923. Republished Oct. 5.

Soap, Complexion and bath. Industrial Soap Company. 502,654, Oct. 5; Serial No. 536,090, published June 22, 1948.

Soap, Grit paste. Davies-Young Soap Company. 502,611, Oct. 5; Serial No. 526,512, published June 8, 1948.

Soap, Liquid dry cleaning. Adco, Inc. 502,649, Oct. 5; Serial No. 534,711, published July 6, 1948.

Soap, Shaving. Elmo Sales Corporation. 502,761, Oct. 5; Serial No. 518,393.

Soap, Toilet. B. Altman & Co. 502,669, Oct. 5; Serial No. 538,700, published June 8, 1948.

Soap, Toilet. Charles of the Ritz, Inc. 440,836, Oct. 5; Serial No. 490,743, published Mar. 26, 1946.

Soaps. Salomon Freres, Societe a Responsabilite Limitee. 502,656, Oct. 5; Serial No. 536,955, published June 8, 1948.

Soaps, shaving soaps, Shaving cream. Mark W. Allen & Co. 234,060, Oct. 18, 1927. Republished Oct. 5.

Soaps, Toilet. Andrew Jergens Company. 108,210. Jan. 18, 1916. Republished Oct. 5.

Soaps, Toilet. Les Parfums De Dana, Inc. 502,695, Oct. 5; Serial No. 539,963, published July 6, 1948.

Soaps, Toilet. Stern Brothers. 252,107, renewed Jan. 22, 1949. O. G. Oct. 5.

Solution for cleaning wall, etc., Concentrated liquid. Hamilton Distributing Co. 440,856, Oct. 5; Serial No. 510,171, published June 8, 1948.

Strops and hones, Razor. Union Cutlery Company, Inc. 502,706, Oct. 5; Serial No. 544,225, published June 8, 1948.

Washing powder. G. F. Rider. 440,845, Oct. 5; Serial No. 505,942, published June 8, 1948.

Washing powder or liquid. Service Industries. 440,886, Oct. 5; Serial No. 521,689, published June 8, 1948.

CLASS 5

Corn binder made of starch. Corn Products Refining Company. 241,992, renewed May 8, 1948. O. G. Oct. 5.

Glue, Powdered water resistant Casein. Franklin Glue Company. 421,897, June 18, 1946. Cancelled, Aug. 26, 1948. O. G. Oct. 5.

Powder for preparing cold-water paste. Corn Products Refining Company. 241,991, renewed May 8, 1948. O. G. Oct. 5.

Tape, Adhesive friction. Garlock Packing Company. 383,346, Dec. 3, 1940. Republished Oct. 5.

CLASS 6

Ammonia, catsup and sauce. E. Pritchard. 28,564, July 7, 1896. Republished Oct. 5, 1948.

Antiseptic, deodorizing, or prophylactic solution. United Drug Company. 246,129, renewed Sept. 4, 1948. O. G. Oct. 5.

Antiskinning products used in the manufacture of paints, etc. Givaudan-Delawanna, Inc. 502,713, Oct. 5; Serial No. 544,811, published July 6, 1948.

Aromatic material used as a deodorant or odorant. Givaudan-Delawanna, Inc. 502,731, Oct. 5; Serial No. 544,830, published July 6, 1948.

Aromatic material used as a deodorant or odorant. Givaudan-Delawanna, Inc. 502,732–3, Oct. 5; Serial Nos. 544,831–2, published July 6, 1948.

Aromatic material used as odorant or deodorant in fly sprays and insecticides. Givaudan-Delawanna, Inc. 502,729, Oct. 5; Serial No. 544,828, published July 6, 1948.

Beautifying cream, Hair. Morton Manufacturing Corporation. 301,546, Mar. 7, 1933. Republished Oct. 5.

Beeswax, stearic acid, and spermacetti. Smith & Nichols, Inc. 128,858, Jan. 13, 1920. Republished Oct. 5.

Bleaching cream, pressing oil, sachet, etc. Morton Manufacturing Corporation. 420,852, May 6, 1946. Republished Oct. 5.

Bubble bath, eau de cologne and dusting powder. Thermopin Laboratories, Inc. 403,401, Sept. 21, 1943. Republished Oct. 5.

Chemical product. Givaudan-Delawanna, Inc. 502,736, Oct. 5; Serial No. 544,835, published July 6, 1948.

Chemical products. Givaudan-Delawanna, Inc. 502,714, Oct. 5; Serial No. 544,812, published July 6, 1948.

Chemical products. Givaudan-Delawanna, Inc. 502,716–17, Oct. 5; Serial Nos. 544,814–15, published July 6, 1948.

Chemical products, Normally liquid organic. Givaudan-Delawanna, Inc. 502,715, Oct. 5; Serial No. 544,813, published July 6, 1948.

Chemicals. National Aluminate Corporation. 301,906, Mar. 21, 1933. Republished Oct. 5.

Chemicals for scouring, fulling, felting and softening textiles. Quaker Chemical Products Corporation. 502,652, Oct. 5; Serial No. 535,875, published June 22, 1948.

Coating and/or lubricant comprising essentially petroleum hydrocarbons and a small amount of a corrosion inhibiting chemical, Protective. Pure Oil Company. 502,619, Oct. 5; Serial No. 527,285, published June 15, 1948.

Coloring materials, Aniline. Schoellkopf, Hartford & Hanna Company. 71,242, re-renewed Nov. 10, 1948. O. G. Oct. 5.

Composition for the treatment of cellulose yarns. Southern Sizing Company. 502,691, Oct. 5; Serial No. 539,450, published June 8, 1948.

Compound in paste form, for treatment of foot corns. E. McClelland. 502,606, Oct. 5; Serial No. 515,960, published June 22, 1948.

Compound, lithium oxyquinolinate. Benzol Products Company. 502,712, Oct. 5; Serial No. 544,692, published July 6, 1948.

Compounds for human use. Maker of Kal, Inc. 502,629, Oct. 5; Serial No. 529,663, published June 22, 1948.

Cones, antiseptic powder, beef, etc., Antiseptic. Brunswig Drug Company. 211,032, Mar. 30, 1926. Republished Oct. 5.

Corrosion inhibiting coating liquids. Tremco Manufacturing Company. 396,691, July 28, 1942. Republished Oct. 5.

Cosmetics and beauty preparations. J. Cochran. 502,655, Oct. 5; Serial No. 536,584, published June 15, 1948.

Cough drops. Luden's Inc. 502,663, Oct. 5; Serial No. 537,912, published July 6, 1948.

Deodorant, Household. Belmont Laboratories. 416,037, Aug. 21, 1945. Cancelled. O. G. Oct. 5.

Dermato-therapeutic medication. Doak Company, Incorporated. 502,704, Oct. 5; Serial No. 543,905, published June 29, 1948.

Disinfectant. Southern Metal Stamping Co., Inc. 440,853, Oct. 5; Serial No. 510,032, published May 18, 1948.

Dye-containing liquids used in cosmetic compositions. Givaudan-Delawanna, Inc. 502,718, Oct. 5; Serial No. 544,817, published July 6, 1948.

Dyestuffs. Allied Chemical & Dye Corporation. 502,692–3, Oct. 5; Serial No. 539,469–70, published June 15, 1948.

Dyestuffs. Geigy Company, Inc. 502,703, Oct. 5; Serial No. 543,174, published June 22, 1948.

Eau de cologne water, perfumery, hair tonics, shampoo, pomade, brilliantine, etc. P. P. Mülhens. 245,510, renewed Aug. 14, 1948. O. G. Oct. 5.

Emulsion of cod liver oil. Morton Manufacturing Corporation. 374,938, Jan. 30, 1940. Republished Oct. 5.

Ergosterol, an anti-rachitic substance containing vitamin D, Activated. Mead Johnson & Company. 502,699, Oct. 5; Serial No. 541,754, published July 29, 1948.

Extract of cascara; lotion, etc., Fluid. Strawbridge & Clothier. 260,477, Aug. 27, 1929. Republished Oct. 5.

Feeding preparation and vitamin concentrate in dry, granular or powdered form, Medicinal. Nutritional Research Associates, Inc. 502,705, Oct. 5; Serial No. 544,183, published June 8, 1948.

Fluxes. Multicore Solders Limited. 502,599, Oct. 5; Serial No. 493,206, published July 6, 1948.

Fluxes employed in welding, brazing, soldering, etc. Eutectic Welding Alloys Corporation. 502,614, Oct. 5; Serial No. 526,927, published June 15, 1948.

Fluxes, Soldering. Kester Solder Company. 502,628, Oct. 5; Serial No. 529,270, published June 22, 1948.

Hair wash. Felix Tempest Co. 69,597, re-renewed June 23, 1948. O. G. Oct. 5.

Hypo-allergenic product designed as a substitute for milk. Mead Johnson & Company. 502,607, Oct. 5; Serial No. 516,938, published June 15, 1948.

Inhibitors, Sprouting. Faesy & Besthoff, Inc. 440,862, Oct. 5; Serial No. 514,019, published June 22, 1948.

Inorganic compounds of metals. United States Vanadium Corporation. 440,878, Oct. 5; Serial No. 519,303, published July 6, 1948.

Insecticide. Rogers Exterminating Company. 502,770, Oct. 5; Serial No. 543,328.

Instrument cleaner, Diamond. Dental Specialty Manufacturing Co., Inc. 428,719, Apr. 1, 1947. Republished Oct. 5.

Laxative chewing tablets. Health Products Corporation. 250,691, renewed Dec. 11, 1948. O. G. Oct. 5.

Laxative, Physiologic. Ames Company, Inc. 502,710, Oct. 5; Serial No. 544,684, published June 15, 1948.

Liniment. H. D. Hussey. 251,791, renewed Jan. 15, 1949. O. G. Oct. 5.

Liquid material, general odorants, Odoriferous. Givaudan-Delawanna, Inc. 502,727–8, Oct. 5; Serial Nos. 544,826–7, published July 6, 1948.

Liquid material, odorant for textile goods, Odoriferous. Givaudan-Delawanna, Inc. 502,726, Oct. 5; Serial No. 544,825, published July 6, 1948.

Liquid material, perfume base, Odoriferous. Givaudan-Delawanna, Inc. 502,719, Oct. 5; Serial No. 544,818, published July 6, 1948.

Liquid material, perfumes, Odoriferous. Givaudan-Delawanna, Inc. 502,724–5, Oct. 5; Serial Nos. 544,823–4, published July 6, 1948.

Liquid material, soap base perfumes, Odoriferous. Givaudan-Delawanna, Inc. 502,723, Oct. 5; Serial No. 544,822, published July 6, 1948.

Liquid material, soap base perfumes, Odoriferous. Givaudan-Delawanna, Inc. 502,730, Oct. 5; Serial No. 544,829, published July 6, 1948.

Lotion, After shaving. R. Z. Lindsay. 418,899, Jan. 15, 1946. Republished Oct. 5.

Lotion, Antiseptic. F. C. Russell. 440,837, Oct. 5; Serial No. 492,794, published July 6, 1948.

Lotion or wash, Skin. Cosmex Corp. 422,313, July 16, 1946. Cancelled Aug. 26, 1948. O. G. Oct. 5.

Lubricant, Surgical. Burroughs Wellcome & Co. (U. S. A.) Inc. 440,859, Oct. 5; Serial No. 512,962, published July 29, 1947.

Lye. H. M. Sinclair, Jr. 502,616, Oct. 5; Serial No. 527,005, published June 22, 1948.

Make-ups, Theatrical. M. Factor. 250,507–8, renewed Dec. 11, 1948. O. G. Oct. 5.

Medical preparation for use in the treatment of disorders of basal metabolism. Roche-Organon Inc. 440,869, Oct. 5; Serial No. 517,524, published July 6, 1948.

Medicinal preparation. Eli Lilly and Company. 502,737, Oct. 5; Serial No. 545,107, published June 22, 1948.

Medicinal tablets. Novocol Chemical Mfg. Co., Inc. 502,741, Oct. 5; Serial No. 547,867, published June 29, 1948.

Medicine for use in germ infections and as an antiseptic. Pyridium Corporation. 251,253, renewed Jan. 1, 1949. O. G. Oct. 5.

Medicine, Sarcoptic mange. Skipper's Remedies. 417,784, Nov. 13, 1945. Cancelled Aug. 26, 1948. O. G. Oct. 5.

Nitrous oxid. Oxygen Gas Company. 127,471, Nov. 11, 1919. Republished Oct. 5.

Nutritional spray for plants. Kilgore Seed Company. 502,610, Oct. 5; Serial No. 526,507, published June 29, 1948.

Odoriferous material, odorants for fly sprays and insecticides. Givaudan-Delawanna, Inc. 502,734, Oct. 5; Serial No. 544,833, published July 6, 1948.

Odoriferous material, ordorants for sprays and insecticides. Givaudan-Delawanna, Inc. 502,721, Oct. 5; Serial No. 544,820, published July 6, 1948.

Odoriferous material, odorants for textiles and rubber goods. Givaudan-Delawanna, Inc. 502,720, Oct. 5; Serial No. 544,819, published July 6, 1948.

Odoriferous material, suitable for use as a fixative in perfumes and the like. Givaudan-Delawanna, Inc. 502,735, Oct. 5; Serial No. 544,834, published July 6, 1948.

Oil. G. B. Carran. 278,439, Dec. 16, 1930. Republished Oct. 5.

Oil, Rubbing. A. W. Curtis, Jr. 416,249, Sept. 4, 1945. Republished Oct. 5.

Ointment. Foster Dack Co. 78,497, June 21, 1910. Republished Oct. 5.

Ointment, Borated. Horton & Converse. 502,601, Oct. 5; Serial No. 505,301, published July 6, 1948.

Ointment, Pomade. R. E. McMoore. 502,738, Oct. 5; Serial No. 545,145, published July 6, 1948.

Oxide, oxygen, carbon dioxide, etc., Nitrous. Ohio Chemical & Mfg. Co. 502,740, Oct. 5; Serial No. 547,758, published June 29, 1948.

Perfume and cologne. G. Begley, Jr. 416,330, Sept. 4, 1945. Cancelled Aug. 26, 1948. O. G. Oct. 5.

Perfume and talc powder. Colgate-Palmolive-Peet Company. 502,633, Oct. 5; Serial No. 531,890, published June 29, 1948.

Perfume, face powder, and talcum powder. Morton Manufacturing Corporation. 419,170, Feb. 5, 1946. Republished Oct. 5.

Perfume ingredient, Solvent. Givaudan-Delawanna, Inc. 502,722, Oct. 5; Serial No. 544,821, published July 6, 1948.

Perfume, toilet water, cologne. Benard & Honnorat. 502,743–4, Oct. 5; Serial Nos. 548,314–15, published June 29, 1948.

Perfume, toilet water, cologne. Benard & Honnorat. 502,745, Oct. 5; Serial No. 548,317, published June 29, 1948.

Perfume, toilet water, face powder, etc. Etablissements Rigaud Inc. 502,659, Oct. 5; Serial No. 537,167, published June 22, 1948.

Perfumes. Andrew Jergens Company. 288,494, Oct. 27, 1931. Republished Oct. 5.

Perfumes. M. Vramant. 440,879, Oct. 5; Serial No. 519,403, published July 6, 1948.

Perfumes and toilet waters. B. Harris. 404,440–1, Nov. 23, 1943. Cancelled Aug. 26, 1948. O. G. Oct. 5.

Perfumes, essences for perfumery materials, aromatic materials, Essences of, etc. A. L. Van Ameringen. 245,446, renewed Aug. 14, 1948. O. G. Oct. 5.

Perfumes, essential oils, Artificial and synthetical. Sté Ame M. Naef & Cie. 248,299, renewed Oct. 16, 1948. O. G. Oct. 5.

Perfumes, toilet waters, eau de cologne, etc. Rejane, Inc. 502,742, Oct. 5; Serial No. 547,941, published July 6, 1948.

Perfumes, toilet waters, face powders, etc. Parfumerie Houbigant. 146,322, Sept. 6, 1921. Republished Oct. 5.

Perfumes, toilet waters, sachet and sachet powders. Parfumerie Houbigant. 146,323, Sept. 6, 1921. Republished Oct. 5.

Perfumery. Eau de Colognefabriek J. C. Boldoot N. V. 182,655, renewed Apr. 15, 1944. O. G. Oct. 5.

Perfumery, talcum powders, cosmetics, etc. Houbigant, Inc. 147,112, Oct. 4, 1921. Republished Oct. 5.

Powder and face powder. Talcum. Houbigant, Inc. 164,489, Feb. 20, 1923. Republished Oct. 5.

Powder, rouge, and lipstick, Face. R. Hudnut. 502,666, Oct. 5; Serial No. 538,135, published June 22, 1948.

Powder, talcum powder, and perfume, Face. Andrew Jergens Company. 153,647, Mar. 28, 1922. Republished Oct. 5.

Powder, Toilet. Andrew Jergens Company. 148,676, Nov. 22, 1921. Republished Oct. 5.

Preparation designed to restrain gonadotrophic action of the pituitary gland. E. P. McCullagh. 502,605, Oct. 5; Serial No. 513,893, published June 8, 1948.

Preparation for prevention of chapped lips and skin, etc. Morton Manufacturing Corporation. 405,186–7, Jan. 11, 1944. Republished Oct. 5.

Preparation for the treatment of cuts, sores, and other open wounds. F. M. Jones. 502,765, Oct. 5; Serial No. 533,317.

Preparation for use as an indicator for determining the presence or absence of sugar in urine. Ames Company, Inc. 502,711, Oct. 5; Serial No. 544,685, published June 15, 1948.

Preparation in powdered form to be used as a bleach and stain remover in washing clothes, sinks, refrigerators, etc. Kaleen Chemical Corp. 502,647, Oct. 5; Serial No. 534,148, published June 29, 1948.

Preparation intended for use in the treatment of bronchial spasm such as in asthma. Abbott Laboratories. 502,747, Oct. 5; Serial No. 550,197, published June 29, 1948.

Preparation of pure Jamaica ginger. Potter Drug & Chemical Corporation. 58,771, Dec. 25, 1906. Republished Oct. 5.

Preparation of salt, calcium, and phosphorus. Barton Salt Company. 336,417, July 7, 1936. Republished Oct. 5.

Preparation to be used on the lips as a conditioner. Morton Manufacturing Corporation. 382,841, Nov. 12, 1940. Republished Oct. 5.

Preparation used in the treatment of chapped hands, and the like. C. P. Brown. 375,567, Feb. 20, 1940. Republished Oct. 5.

Preparation used in the treatment of tuberculosis. Souza, Seabra & Cia., Ltda. 502,748, Oct. 5; Serial No. 550,268, published June 29, 1948.

Product for premature and newborn infants, Specially prepared. Mead Johnson & Company. 502,608, Oct. 5; Serial No. 516,939, published June 15, 1948.

Remedies for the cure or alleviation of croup, etc. Abbott Alkaloidal Co. 42,124, Feb. 23, 1904. Republished Oct. 5.

Remedies for the cure or alleviation of diseases, etc. Abbott Alkaloidal Co. 44,140, Feb. 7, 1905. Republished Oct. 5.

Rhubarb, sweet oil, glycerine, etc. Baker Extract Company. 308,444, Dec. 5, 1933. Amended. O. G. Oct. 5.

Rouge and lip sticks, Lip. Coty, Inc. 247,551, renewed Oct. 2, 1948. O. G. Oct. 5.

Sal soda and monobydrated carbonate of soda. Church & Dwight Co., Inc. 502,613, Oct. 5; Serial No. 526,763, published June 22, 1948.

Salve for treatment of cancer. L. Bocchio. 249,318, renewed Nov. 13, 1948. O. G. Oct. 5.

Salve, Medicated. Morton Manufacturing Corporation. 410,606, Dec. 5, 1944. Republished Oct. 5.

Salve or ointment, Medicinal. T. N. Kenyon. 101,782, Jan. 12, 1915. Republished Oct. 5.

Scalp and hair treating preparations, etc. M. L. Heim. 382,231, Oct. 22, 1940. Republished Oct. 5.

Sedative expectorant. Sharp & Dohme. 139,697, renewed Jan. 5, 1948. O. G. Oct. 5.

Shampoo and complexion cream, Liquid. Conti Products Corporation. 502,739, Oct. 5; Serial No. 547,403, published June 15, 1948.

Solution for the treatment of diarrhea in infants, Intravenous. Cutter Laboratories. 502,708, Oct. 5; Serial No. 544,330, published June 22, 1948.

Solvent preparation. Pennsylvania Refining Company. 502,768, Oct. 5; Serial No. 536,281.

Starch. Worthington Foods, Inc. 502,707, Oct. 5; Serial No. 544,311, published June 22, 1948.

Surgical dressing. Foster-Dack Co.. 205,795, Nov. 17, 1925. Republished Oct. 5.

Tablet, Reagent. Ames Company, Inc. 502,709, Oct. 5; Serial No. 544,683, published June 22, 1948.

Toilet preparations. John H. Woodbury, Inc. 395,543, Aug. 22, 1933. Republished Oct. 5.

Tonic and bitter stomachic, rectal ointment, salve, General. Pierce's Proprietaries, Inc. 502,667, Oct. 5; Serial No. 538,446, published June 29, 1948.

Tonic food beverage, Medicated. MacLeans Laboratories, Inc. 440,846, Oct. 5; Serial No. 506,116, published July 6, 1948.

Tonic, Liquid. Lanman & Kemp, Inc. 250,966, renewed Dec. 18, 1948. O. G. Oct. 5.

Water soluble fat, used as a softener. Haas-Miller Corporation. 502,746, Oct. 5; Serial No. 550,041, published June 29, 1948.

Waving lotions, Hair. Zotos Corporation. 309,971, Feb. 6, 1934. Republished Oct. 5.

Wood preservative and insecticide. El Roy Naval Stores, Inc. 352,916, Dec. 14, 1937. Republished Oct. 5.

Yeast cultures in mineral oil and agar agar emulsion. Otis E. Glidden & Co., Incorporated. 502,697, Oct. 5; Serial No. 540,540, published July 6, 1948.

CLASS 7

Rope and wire strand, Wire. American Chain & Cable Company, Inc. 356,482, Apr. 26, 1938. Republished Oct. 5.

Rope, cable, tarred lath, and fodder yarns, etc. Columbian Rope Company. 61,075, Mar. 5, 1907. Republished Oct. 5.

Rope, cable, tarred lath, and fodder yarns, etc. Columbian Rope Company. 65,092, Sept. 10, 1907. Republished Oct. 5.

CLASS 9

Fuses. Ensign-Bickford Company. 102,390, Feb. 9, 1915. Republished Oct. 5.

Matches. Donelson & Poston. 251,262, renewed Jan. 1, 1949. O. G. Oct. 5.

Matches. Donelson & Poston. 251,283, renewed Jan. 1, 1949. O. G. Oct. 5.

Rifles, Air. A. B. T. Manufacturing Corp. 502,753, Oct. 5; Serial No. 484,380.

Shotguns and rifles. Marlin Firearms Co. 72,755, Feb. 16, 1909. Republished Oct. 5.

Shotguns, rifles, revolvers. Marlin Firearms Company. 55,158, Aug. 7, 1906. Republished Oct. 5.

CLASS 10

Fertilizer. Armour Fertilizer Works. 337,219, Aug. 4, 1936. Republished Oct. 5.

CLASS 11

Carbon black for printing and lithographing inks. Godfrey L. Cabot, Inc. 502,658, Oct. 5; Serial No. 536,999, published June 15, 1948.

Carbon black for printing and lithographing inks. Godfrey L. Cabot, Inc. 502,664, Oct. 5; Serial No. 538,094, published June 15, 1948.

Carbon paper, Hectograph. Ditto, Incorporated. 502,698, Oct. 5; Serial No. 540,984, published June 15, 1948.

Carbon paper, typewriter ribbons, and inked ribbons. Nelson-Eismann Company. 502,624, Oct. 5; Serial No. 527,874, published June 22, 1948.

Inks, Printing and lithographing. W. D. Wilson Printing Ink Co. Ltd. 502,700, Oct. 5; Serial No. 542,383, published June 8, 1948.

Solution used in printing, Offset. Sprayomatic Products Company. 440,897, Oct. 5; Serial No. 525,415, published June 8, 1948.

Stamp pads and rubber stamp ink. Fulton Specialty Co. 502,641, Oct. 5; Serial No. 533,294, published June 8, 1948.

CLASS 12

Acoustical and sound absorbing plaster. Cleveland Gypsum Company. 502,688, Oct. 5; Serial No. 539,393, published June 29, 1948.

Asphalt compositions. E. L. Blum. 440,832, Oct. 5; Serial No. 486,455, published June 29, 1948.

Asphalt shingles and mineral-surfaced asphalt roofing, Mineral-surfaced. Flintkote Company. 233,861, Oct. 11, 1927. Republished Oct. 5.

Blocks and monumental stones, Granite. Boutwell Milne & Co. 95,516, Feb. 24, 1914. Republished Oct. 5.

Blocks used as filling or packing material for chemical towers or reaction spaces, Hollow. A. M. Fairlie. 245,589, renewed Aug. 14, 1948. O. G. Oct. 5.

Caulking and pointing compounds and roofing and dampproofing compounds. Tremco Manufacturing Company. 407,335, May 30, 1944. Republished Oct. 5.

Cement, Mastic. Tremco Manufacturing Company. 410,901, Dec. 26, 1944. Republished Oct. 5.

Cement, Portland. Marquette Cement Manufacturing Company. 502,617, Oct. 5; Serial No. 527,192, published June 1, 1948.

Cement, Portland. Missouri Portland Cement Company. 440,899, Oct. 5; Serial No. 525,656, published June 29, 1948.

Cement, Roof. Stelwagon Manufacturing Company. 502,635, Oct. 5; Serial No. 532,652, published June 22, 1948.

Colloid coating materials, Irreversible. Jennison-Wright Corporation. 502,618, Oct. 5; Serial No. 527,220, published June 1, 1948.

Composition of material. Dahlbert & Company, Inc. 167,870, May 8, 1923. Republished Oct. 5.

Elastic compound, Permanently. Tremco Manufacturing Company. 406,018, Mar. 7, 1944. Republished Oct. 5.

Fire brick, refractory brick, refractory blocks, etc. Massillon Refractories Company. 502,625, Oct. 5; Serial No. 528,125, published June 22, 1948.

Floor plates and door thresholds. Wooster Products, Inc. 291,265, Feb. 2, 1932. Republished Oct. 5.

Floor plates, ramp plates, and door thresholds. Wooster Products, Inc. 329,792, Nov. 12, 1935. Republished Oct. 5.

Flooring and trim, Hardwood. Bradley Lumber Company of Arkansas. 250,655, renewed Dec. 11, 1948. O. G. Oct. 5.

Hygroscopic composition in liquid form to be applied to roads, tennis courts, etc. Michigan Chemical Corporation. 440,847, Oct. 5; Serial No. 506,334, published June 29, 1948.

Lime and cement. Societe Anonyme des Chaux et Ciments de Lafarge et du Teil. 197,944, renewed Apr. 28, 1945. O. G. Oct. 5.

Lime and cement. Societe Anonyme des Chaux et Ciments de Lafarge et du Teil. 201,734, renewed Aug. 4, 1945. O. G. Oct. 5.

Liquid coatings, Protective. Tremco Manufacturing Company. 410,891, Dec. 26, 1944. Republished Oct. 5.

Lumber and railroad ties. Cleveland-Cliffs Iron Co. 318,350, Oct. 23, 1934. Republished Oct. 5.

Lumber, plywood, millwork, and moulding. Piedmont Pine Corporation. 502,648, Oct. 5; Serial No. 534,337, published June 29, 1948.

Mastic compound. Tremco Manufacturing Company. 407,710, June 20, 1944. Republished Oct. 5.

Mastic compound. Tremco Manufacturing Company. 416,434, Sept. 11, 1945. Republished Oct. 5.

Mouldings, Metal. Wooster Products, Inc. 352,222, Nov. 23, 1937. Republished Oct. 5.

Pliable, elastic material. Tremco Manufacturing Company. 408,763, Aug. 29, 1944. Republished Oct. 5.

Pulp-board. MacAndrews & Forbes Company. 100,573, Oct. 20, 1914. Republished Oct. 5.

Roofing and asphalt roofing; asphalt-plastic roof cement, Metal. Southern States Iron Roofing Company. 502,651, Oct. 5; Serial No. 535,639, published June 29, 1948.

Roofing, Felt. Stelwagon Manufacturing Company. 502,636, Oct. 5; Serial No. [illegible]4, published June 22, 1948.

Screens, Window. Ry-Lock Compa[illegible] Ltd. 440,882, Oct. 5; Serial No. 520,234, published June 29, 1948.

Sealing compound. Garlock Packing Company. 377,982–3, May 21, 1940. Republished Oct. 5.

Stair treads, floor plates, and ramp plates, Safety. Wooster Products, Inc. 285,075, July 14, 1931. Republished Oct. 5.

Stair treads, floor plates, ramp plates, etc., Metallic safety. Wooster Products, Inc. 330,263, Nov. 26, 1935. Republished Oct. 5.
Steel buildings, portable and sectional buildings, etc. International Derrick & Equipment Company. 502,689, Oct. 5; Serial No. 539,420, published June 22, 1948.
Strips for terrazzo flooring. Manhattan Terrazzo Brass Strip Company. 245,595, renewed Aug. 14, 1948. O. G. Oct. 5.
Tile, Ceramic. Dallas Ceramic Company. 502,630, Oct. 5; Serial No. 529,883, published June 1, 1948.
Top linings of brick or similar heat insulating material, Hot. Ferro Engineering Company. 283,631, June 2, 1931. Republished Oct. 5.
Treatment material for treating cement, concrete, and like surfaces. Tremco Manufacturing Company. 403,383, Sept. 21, 1943. Republished Oct. 5.

CLASS 13

Bolts, studs, nuts, etc. Aircraft Screw Products Company, Inc. 368,446, June 20, 1939. Republished Oct. 5.
Fasteners for shelf dividers and the like. Lyon Metal Products, Incorporated. 260,791, Aug. 27, 1929. Republished Oct. 5.
Hinges, catches, snap hooks, etc. Harvard Lock Company. 440,904, Oct. 5; Serial No. 525,840.
Lawn sprinkler. Stansen Corporation. 421,135, May 21, 1946. Canceled Aug. 26, 1948. O. G. Oct. 5.
Metal ware, Enameled. Jacob J. Vollrath Mfg. Co. 70,317, Aug. 18, 1908. Republished Oct. 5.
Screw connections and parts of screw connections. Aircraft Screw Products Company, Incorporated. 404,065, Nov. 2, 1943. Republished Oct. 5.
Screw connections and parts of screw connections. Aircraft Screw Products Company, Inc. 419,476, Feb. 19, 1946. Republished Oct. 5.
Sink tops, Kitchen. Kitchen Maid Corporation. 408,085, July 18, 1944. Republished Oct. 5.

CLASS 14

Alloy, Zinc-base. New Jersey Zinc Company. 251,579, renewed Jan. 8, 1949. O. G. Oct. 5.
Iron and steel in bars, blooms, and rings. Stora Kopparbergs Bergslags, Aktiebolag. 242,325, renewed May 22, 1948. O. G. Oct. 5.

CLASS 15

Candles. Smith & Nichols, Inc. 227,199, May 3, 1927 Republished Oct. 5.
Candles. Smith & Nichols, Inc. 229,111, June 21, 1927. Republished Oct. 5.
Candles. Smith & Nichols, Inc. 415,073–4, July 10, 1945. Republished Oct. 5.
Cleaner and lubricant, Handpiece. Dental Specialty Manufacturing Co., Inc. 418,052, Nov. 27, 1945. Republished Oct. 5.
Grease, Lubricating. Garlock Packing Company. 378,035, May 21, 1940. Republished Oct. 5.
Lubricating oils and greases. Tiona Refining Company. 241,496, renewed May 1, 1948. O. G. Oct. 5.
Lubricant and cleaner, Handpiece. Dental Specialty Manufacturing Co., Inc. 424,499, Oct. 8, 1946. Republished Oct. 5.
Lubricants. A. C. Buzby. 15,013, Dec. 13, 1887. Republished Oct. 5.
Oils and greases, Lubricating. G. B. Carran. 173,468, Sept. 25, 1923. Republished Oct. 5.
Oils and greases, Lubricating. Garlock Packing Company. 377,981, May 21, 1940. Republished Oct. 5.
Oils and greases, Lubricating. Garlock Packing Company. 381,919, Oct. 15, 1940. Republished Oct. 5.
Oils and greases, Lubrication. Marquette Petroleum Products, Inc. 325,198, June 11, 1935. Republished Oct. 5.

CLASS 16

Asphaltic compound in liquid form. Davison Chemical Corporation. 440,901, Oct. 5; Serial No. 470,966.
Dry powder for non-washable wall finish. Benjamin Moore & Company. 69,301, re-renewed June 2, 1948. O. G. Oct. 5.
Enamel in the nature of paint. Tropical Paint & Oil Company. 251,578, renewed Jan. 8, 1949. O. G. Oct. 5.
Enamels, Paint. Tremco Manufacturing Company. 344,275, Mar. 16, 1937. Republished Oct. 5.
Enamels, Paint. Tremco Manufacturing Company. 392,016, Dec. 2, 1941. Republished Oct. 5.
Enamels, Paint. Tremco Manufacturing Company. 408,181, July 25, 1944. Republished Oct. 5.
Enamels, varnishes, lacquers, Paint. Andrew Brown Company. 305,087, Aug. 1, 1933. Republished Oct. 5.
Paint, Enamel. Tremco Manufacturing Company. 416,992, Oct. 9, 1945. Republished Oct. 5.
Paint, Ready-mixed. Tremco Manufacturing Company. 401,058, Apr. 20, 1943. Republished Oct. 5.
Paint, Ready-mixed. Tremco Manufacturing Company. 408,563, Aug. 15, 1944. Republished Oct. 5.
Paints. Tremco Manufacturing Company. 392,676, Jan. 6, 1942. Republished Oct. 5.
Paints. Tremco Manufacturing Company. 393,383, Feb. 10, 1942. Republished Oct. 5.
Paints, etc., Dried, paste, and ready-mixed. Andrew Brown Co., Inc. 246,553, Sept. 11, 1928. Republished Oct. 5.
Paints, Ready mixed. Tremco Manufacturing Company. 407,701, June 20, 1944. Republished Oct. 5.
Varnishes, japans, oil-finish and bronzing liquid. Mayer & Loewenstein. 46,556, Sept. 26, 1905. Republished Oct. 5.
Wall-finish. Benjamin Moore & Company. 31,906, re-renewed Aug. 30, 1948. O. G. Oct. 5.

CLASS 17

Cigars. Donelson & Poston. 251,538, renewed Jan. 8, 1949. O. G. Oct. 5.

CLASS 19

Aircraft. Nelson Aircraft Corporation. 440,844, Oct. 5; Serial No. 504,571, published July 6, 1948.
Airplanes and structural parts. Boeing Airplane Company. 247,992, renewed Oct. 9, 1948. O. G. Oct. 5.
Automobile accessories. Houde Engineering Corporation. 248,512–13, renewed Oct. 23, 1948. O. G. Oct. 5.
Automobile seat covers, automobile gasoline tank caps, automobile radiator caps, etc., Fibre and cloth. Sun Oil Company. 440,898, Oct. 5; Serial No. 525,422, published July 6, 1948.
Automobiles. Ted's Motors, Inc. 502,702, Oct. 5; Serial No. 542,892, published July 6, 1948.
Automobiles, Reconditioned. Better Cars, Inc. 502,670, Oct. 5; Serial No. 538,714, published July 6, 1948.
Automotive accessories and replacement parts. E. H. Ebert. 440,885, Oct. 5; Serial No. 521,060, published July 6, 1948.
Bicycles. Mead Cycle Company. 502,620–1, Oct. 5; Serial Nos. 527,341–2, published July 6, 1948.
Bicycles and parts thereof. Sale & Co. (U. S. A.) Inc. 502,615, Oct. 5; Serial No. 526,980, published July 6, 1948.
Boats, Powered. Equitable Equipment Company, Inc. 502,694, Oct. 5; Serial No. 539,681, published July 6, 1948.
Bus bodies, Student and adult passenger. H. O. De Boer. 440,834, Oct. 5; Serial No. 489,902, published July 6, 1948.
Coaches, busses, motor vehicles, etc. Transicoach, Inc. 502,640, Oct. 5; Serial No. 533,213, published July 6, 1948.
Cushioned connections for use in vehicle. International Motor Company. 171,507, Aug. 7, 1923. Republished Oct. 5.
Dollies, Non-mechanical, hand operated. Hulbert Manufacturing Company. 440,890, Oct. 5; Serial No. 523,589, published July 6, 1948.
Marine propellers. F. E. Thompson, Jr. 502,627, Oct. 5; Serial No. 528,825, published July 6, 1948.
Marine vessels and ships and parts thereof. American Ship Building Company. 440,876–7, Oct. 5; Serial Nos. 519,156–7, published July 6, 1948.
Mats for motor vehicles. Cork Manufacturing Company Limited. 245,548, renewed Aug. 14, 1948. O. G. Oct. 5.
Metal parts for cushioned connections in vehicles. International Motor Company. 171,504, Aug. 7, 1923. Republished Oct. 5.
Perambulators. Grove Manufacturing Company, Inc. 440,839, Oct. 5; Serial No. 497,092, published July 6, 1948.
Platform-trucks. West Bend Equipment Co. 146,910, Sept. 20, 1921. Republished Oct. 5.
Propellers, propeller hubs, and propeller assemblies. Koppers Company. 410,586, Dec. 5, 1944. Republished Oct. 5.
Saddles. Troxel Manufacturing Company. 502,623, Oct. 5; Serial No. 527,861, published July 6, 1948.
Tanks, trailer tanks, refuse truck bodies, etc., Vehicular. Heil Co. 502,668, Oct. 5; Serial No. 538,637, published July 6, 1948.
Theft guards, Antisiphoning. Scully Signal Company. 394,290, Mar. 31, 1942. Re-republished Oct. 5.
Trailers, Automobile. Ben-Hur Mfg. Co. 440,849, Oct. 5; Serial No. 507,613, published July 6, 1948.
Trailers of the two wheel, tilt bed type. Meill-Blumberg Corporation. 502,701, Oct. 5; Serial No. 542,610, published July 6, 1948.
Trucks and hose reels, Combined hand. Morrone Mfg. Co. 502,634, Oct. 5; Serial No. 532,624, published July 6, 1948.
Trucks, Industrial warehouse trailers, dollies, etc., Hand-operated two and four wheel. Wurzburg Brothers. 440,855, Oct. 5; Serial No. 510,141, published July 6 1948.
Trucks, Mobile logging. Taylor Machine Works. 440,854, Oct. 5; Serial No. 510,130, published July 6, 1948.
Trucks, Motor. International Motor Company. 187,497, Aug. 5, 1924. Republished Oct. 5.
Trucks, Steel warehouse. Illinois Iron & Bolt Co. 502,612, Oct. 5; Serial No. 526,713, published July 6, 1948.
Trucks, Wheel. Rol-A-Way Company, Inc. 440,874, Oct. 5; Serial No. 518,854, published May 25, 1948.
Vehicles. Ohio Tubular Products Company. 440,848, Oct. 5; Serial No. 507,334, published July 6, 1948.

CLASS 21

Drink mixers, Electrically-operated. Hamilton Beach Manufacturing Company. 274,965, Sept. 9, 1930. Republished Oct. 5.
Electric motors. United States Electrical Manufacturing Company. 263,208, Nov. 5, 1929. Republished Oct. 5.
Electric motors. Yates-American Machine Company. 290,519, Jan. 5, 1932. Republished Oct. 5.
Electric resistance units, rheostats, regulators, etc. Ward Leonard Electric Company. 147,827–8, Nov. 1, 1921. Republished Oct. 5.
Lamps, etc., Electrical incandescent. Solar Electric Corporation. 429,745, May 13, 1947. Canceled Aug. 26, 1948. O. G. Oct. 5.
Rubber insulation. Crescent Insulated Wire & Cable Co. Inc. 361,657, Oct. 25, 1938. Republished Oct. 5.
Spark plug bushings. Aircraft Screw Products Company, Incorporated. 399,390, Jan. 5, 1943. Republished Oct. 5.
Suction cleaners, Electrically-operated. P. A. Geier Company. 296,972, Aug. 30, 1932. Republished Oct. 5.
Suction cleaners, Electrically-operated. P. A. Geier Company. 342,473, Jan. 19, 1937. Republished Oct. 5.
Suction cleaners, Electrically-operated. P. A. Geier Company. 342,513, Jan. 19, 1937. Republished Oct. 5.
Suction cleaners, Electrically-operated. P. A. Geier Company. 369,779, Aug. 1, 1939. Republished Oct. 5.
Wire, Insulated. Crescent Belting and Packing Company. 96,500, Apr. 21, 1914. Republished Oct. 5.

CLASS 22

Archery equipment. J. A. Schoenike. 440,892, Oct. 5; Serial No. 524,353, published June 29, 1948.
Athletic supplies. R. C. Hoffman. 440,851, Oct. 5; Serial No. 507,823, published June 29, 1948.
Billiard and pocket-billiard balls. Brunswick-Balke-Collender Company. 382,894, Nov. 12, 1940. Republished Oct. 5.
Billiard balls, Carom. Brunswick-Balke-Collender Company. 406,351, Mar. 28, 1944. Republished Oct. 5.
Billiard chalk. Brunswick-Balke-Collender Company. 345,479, Apr. 27, 1937. Republished Oct. 5.
Dolls. United Hosiery Mills Corporation. 502,755, Oct. 5; Serial No. 503,268.
Dolls, dolls' clothing, doll bed pillows, etc. E. H. Hill. 440,900, Oct. 5; Serial No. 525,846, published June 22, 1948.
Fish lures. James Heddon's Sons. 502,645–6, Oct. 5; Serial Nos. 534,128–9, published July 6, 1948.
Fish nets. Insur-Flot Live Net Co. 440,872, Oct. 5; Serial No. 518,601, published July 6, 1948.
Fishing spinners. Northwest Silversmiths. 440,865, Oct. 5; Serial No. 515,274, published June 29, 1948.
Game. Bic-Keen, Inc. 440,887, Oct. 5; Serial No. 522,245, published June 29, 1948.
Game. W. J. Van Deest. 440,852, Oct. 5; Serial No. 508,457, published June 29, 1948.
Game, Golf. RnD Associates. 440,858, Oct. 5; Serial No. 512,928, published June 29, 1948.
Game, Word. E. A. Christensen. 440,888, Oct. 5; Serial No. 522,367, published June 29 1948.
Golf balls. May & Malone. 252,324, Feb. 5, 1929. Republished Oct. 5.
Holders for fish hooks. Ledr-Hol, Inc. 440,850, Oct. 5; Serial No. 507,734, published June 29, 1948.
Life saving equipment. B. M. Wilber. 432,818, Sept. 16, 1947. Republished Oct. 5.
Play kit, Children's. Judy Company. 440,873, Oct. 5; Serial No. 518,607, published June 29, 1948.
Playing cards. Cruver Manufacturing Company. 440,860–1, Oct. 5; Serial Nos. 513,160–1, published June 29, 1948.
Playing cards. Forcolar Inc. 502,637, Oct. 5; Serial No. 532,819, published June 22, 1948.
Shuffleboards. National Shuffleboard Company. 440,870, Oct. 5; Serial No. 517,735, published June 29, 1948.
Skates, Roller. E. J. Krause. 440,841, Oct. 5; Serial No. 501,256, published June 22, 1948.
Toy animals, dolls, and game boards. Manufacture De Jouets De Luxe. 440,891, Oct. 5; Serial No. 523,596, published June 29, 1948.
Toy banjo ukuleles. A. C. Spatz. 440,833, Oct. 5; Serial No. 488,003, published June 29, 1948.
Toy birds with moving parts. Templet Manufacturing Corporation. 440,843, Oct. 5; Serial No. 502,089, published June 29, 1948.
Toy circus, Miniature. M. W. Baker. 440,883, Oct. 5; Serial No. 520,616, published June 29, 1948.
Toy holsters. R & S Toy Mfg. Co., Inc. 440,867, Oct. 5; Serial No. 515,637, published June 29, 1948.
Toy pistols and toy whistles. Pyro Plastics Corporation. 440,842, Oct. 5; Serial No. 501,594, published June 29, 1948.
Toy tops and a top game. Milton Bradley Company. 440,866, Oct. 5; Serial No. 515,408, published June 29, 1948.
Toy wading pools. Fred Ehrick Company. 440,838, Oct. 5; Serial No. 495,367, published June 29, 1948.
Toys, Mechanical water. R & R Novelty Co., Inc. 440,875, Oct. 5; Serial No. 518,981, published June 29, 1948.
Toys, Percussion. E. J. Gioseffi. 440,840, Oct. 5; Serial No. 499,777, published June 29, 1948.
Toys, Plastic and metal. T. W. Hand Fireworks Co. Limited. 440,868, Oct. 5; Serial No. 516,130, published June 29, 1948.
Wagons, roller skates, Irish mail (hand propelled car), etc., Play. Western Auto Supply Company. 440,857, Oct. 5; Serial No. 511,971, published July 6, 1948.

CLASS 23

Apparatus for the treatment of solids suspended in liquids. Dorr Company. 285,418, July 28, 1931. Republished Oct. 5.
Castings, Hot top. Ferro Engineering Company. 288,791, Nov. 3, 1931. Republished Oct. 5.
Cutting, abrading, and forming tools, and wire dies, Machinist's. Boron Alloy Tool Corporation. 301,196, Feb. 21, 1933. Cancelled Aug. 26, 1948. O. G. Oct. 5.
Fish forks, hayforks, clover forks, etc. Union Fork & Hoe Company. 246,236, renewed Sept. 4, 1948. O. G. Oct. 5.
Fish forks, hayforks, clover forks, etc. Union Fork & Hoe Company. 251,456, renewed Jan. 8, 1949. O. G. Oct. 5.
Gear manufacturing equipment. National Broach & Machine Co. 356,073, Apr. 12, 1938. Republished Oct. 5.
Internal combustion engines, power units and accessories. Hercules Motors Corporation. 288,814, Nov. 3, 1931. Republished Oct. 5.
Internal combustion engines; power units including internal combustion engines and accessories. Hercules Motors Corporation. 288,283, Oct. 20, 1931. Republished Oct. 5.
Machines for breaking down rubber and rendering it plastic. Farrel-Birmingham Company, Incorporated. 264,602, Nov. 26, 1929. Republished Oct. 5.
Machines for cutting or punching sheet metal. A. C. Campbell, Incorporated. 244,283, renewed July 17, 1948. O. G. Oct. 5.
Metal ware, Enameled. Jacob J. Vollrath Mfg. Co. 70,317, Aug. 18, 1908. Republished Oct. 5.
Pipe bending tools. R. H. Henderson. 154,967, May 16, 1922. Republished Oct. 5.
Polishers and floor polisher attachments, Floor. P. A. Geier Company. 347,508, June 29, 1937. Republished Oct. 5.
Pumps, water-motors and mechanisms. National Aluminate Corporation. 298,080, Oct. 11, 1932. Republished Oct. 5.
Saw sets. Henry Disston & Sons, Incorporated. 71,983, re-renewed Dec. 29, 1948. O. G. Oct. 5.
Saws. Henry Disston & Sons, Incorporated. 70,860, re-renewed Oct. 13, 1948. O. G. Oct. 5.
Saws, Cross cut. E. C. Atkins and Company. 242,812, renewed June 5, 1948. O. G. Oct. 5.
Screens, Vibrating. Deister Concentrator Company. 248,359, renewed Oct. 16, 1948. O. G. Oct. 5.
Tools, apparatus and machines. Aircraft Screw Products Company, Inc. 419,109, Feb. 5, 1946. Republished Oct. 5.
V pulleys, Thermostatically controlled, variable diameter. Webster Electric Company. 428,164, Mar. 11, 1947. Republished Oct. 5.
Weeders, Hand. Union Fork & Hoe Company. 246,237, renewed Sept. 4, 1948. O. G. Oct. 5.

CLASS 24

Ironing boards. Kitchen Maid Corporation. 407,623, June 13, 1944. Republished Oct. 5.
Ironing boards. Wasmuth-Endicott Company. 228,643, June 7, 1927. Republished Oct. 5.
Washing machines, Laundry. Troy Laundry Machinery Company, Inc. 257,702, June 18, 1929. Republished Oct. 5.

CLASS 25

Safes and vault doors. York Safe and Lock Co. 87,302, July 2, 1912. Republished Oct. 5.
Safes, fire-proof safes, burglar-proof safes, etc., Filing. Diebold Safe and Lock Company. 161,934, Nov. 28, 1922. Republished Oct. 5.
Safes, fireproof safes, burglarproof safes, etc., Filing. Diebold Safe & Lock Company. 404,085, Nov. 2, 1943. Republished Oct. 5.

CLASS 26

Alarm attachments, Liquid level detecting. Scully Signal Company. 397,328, Sept. 1, 1942. Republished Oct. 5.
Appliance for examining, testing, stretching, and classifying hair. C. Nessler. 244,268, renewed July 17, 1948. O. G. Oct. 5.
Charts and computing instruments. Halpin Co.-Airdinator Company. 421,507, June 4, 1946. Republished Oct. 5.
Gauges, Draft. Bacharach Industrial Instrument Company. 347,909, July 13, 1937. Republished Oct. 5.
Goggles and parts thereof. American Optical Company. 244,647, renewed July 24, 1948. O. G. Oct. 5.
Indicators, Liquid level. Scully Signal Company. 385,376, Feb. 25, 1941. Republished Oct. 5.
Ophthalmic lenses. Bausch & Lomb Optical Company. 251,531, renewed Jan. 8, 1949. O. G. Oct. 5.
Ophthalmic mountings and parts thereof. Bausch & Lomb Optical Company. 251,463, renewed Jan. 8, 1949. O. G. Oct. 5.
Protractors. Cardinell Products. 423,030, Aug. 20, 1946. Republished Oct. 5.
Recording instruments, Small temperature. Bacharach Industrial Instrument Company. 428,179, Mar. 11, 1947. Republished Oct. 5.

Sun glasses. L. E. Meyers. 502,763, Oct. 5; Serial No. 522,129.
Weather indicators. Nu-Dell Manufacturing Company. 431,719, Aug. 5, 1947. Republished Oct. 5.

CLASS 27

Clocks. J. B. de Kurowski. 430,809, June 24, 1947. Cancelled Aug. 26, 1948. O. G. Oct. 5.
Watches. Benrus Watch Company. 409,523, Oct. 10, 1944. Republished Oct. 5.
Watches. B. Lazrus. 166,589, Apr. 10, 1923. Republished Oct. 5.
Watches, watchcases, watch movements, and parts thereof. Savoy Watch Co. Inc. 247,315, renewed Sept. 25, 1948. O. G. Oct. 5.
Watches, watch movements and parts of same. Schein & Engel Co. 231,774, Aug. 23, 1927. Republished Oct. 5.
Watches, watch-movements, watchcases and parts thereof. Harvel Watch Company. 404,441, Nov. 23, 1943. Cancelled Aug. 26, 1948. O. G. Oct. 5.

CLASS 28

Bracelets. Speidel Corporation. 433,057, Sept. 23, 1947 Republished Oct. 5.
Bracelets and bracelet and jewelry chains. Speidel Corporation. 390,626, Sept. 30, 1941. Republished Oct. 5.
Bracelets, brooches, bar pins, etc. Fulmer & Gibbons. 250,844, renewed Dec. 18, 1948. O. G. Oct. 5.
Bracelets, Watch. Speidel Corporation. 422,701, Aug. 6, 1946. Republished Oct. 5.
Jewelry, Children's. E. M. Rosenthal Jewelry Co. 383,790, Dec. 24, 1940. Republished Oct. 5.
Rings, bracelets, scarf pins, bar pins, and pendants, Finger and ear. Frackman Bros. 245,648, renewed Aug. 21, 1948. O. G. Oct. 5.
Rings, Finger. Blancard & Company, Inc. 251,816, Jan. 15, 1929. Republished Oct. 5.
Rings and mountings therefor, Finger. Benjamin & Edward J. Gross Co., Inc. 251,753, renewed Jan. 15, 1949. O. G. Oct. 5.
Rings, Wedding. Blancard & Co., Inc. 214,411, June 22, 1926. Republished Oct. 5.

CLASS 29

Brooms, Floor, scrubbing, counter, etc. Malden Mop & Brush Co. 502,660, Oct. 5; Serial No. 537,209, published June 8, 1948.
Mops, wall mops, and hand dusters, Dry and wet. S. L. Slack. 440,871, Oct. 5; Serial No. 518,565, published June 22, 1948.
Oilers, Floor. Socony-Vacuum Oil Company, Incorporated. 440,895, Oct. 5; Serial No. 524,913, published June 29, 1948.
Squeegees and parts thereof for window washers. Morse-Starrett Products Company. 502,662, Oct. 5; Serial No. 537,716, published June 8, 1948.
Toothbrushes. Avon Products, Inc. 502,657, Oct. 5; Serial No. 536,990, published July 6, 1948.
Wiping cloths, Industrial. Hillside Cotton Mills. 241,404, renewed Apr. 24, 1948. O. G. Oct. 5.

CLASS 31

Refrigeration apparatus. Yates-American Machine Company. 401,140, Apr. 27, 1943. Republished Oct. 5.
Refrigerators. Wasmuth-Endicott Company. 228,776, June 7, 1927. Republished Oct. 5.

CLASS 32

Cabinet base units, kitchen cabinet wall units, kitchen broom storage units, etc., Kitchen. Kitchen Maid Corporation. 407,449, June 6, 1944. Republished Oct. 5.
Cabinets, china cabinets, wall cabinets, etc., Kitchen. Wasmuth-Endicott Company. 229,229, June 21, 1927. Republished Oct. 5.
Cabinets, Kitchen. Wasmuth-Endicott Company. 103,403, Mar. 30, 1915. Republished Oct. 5.
Cases and cabinets and wheel rack parts thereof, etc., Rotary type visible filing. Diebold, Incorporated. 406,270, Mar. 21, 1944. Republished Oct. 5.
Cases, file cases, and cabinets, etc., Letter and card filing. Diebold Safe & Lock Company. 406,133, Mar. 14, 1944. Republished Oct. 5.
Furniture. Wm. Cameron & Co., Inc. 250,676, renewed Dec. 11, 1948. O. G. Oct. 5.
Furniture. Dearborn Company. 201,182, July 21, 1925. Republished Oct. 5.
Mattresses. Superior Felt & Bedding Co. 248,754, renewed Oct. 30, 1948. O. G. Oct. 5.
Mattresses. Superior Felt & Bedding Co. 250,601, renewed Dec. 11, 1948. O. G. Oct. 5.
Posting stands and tray files, Visible record. Visible Records Equipment Company. 399,675, Jan. 26, 1943. Republished Oct. 5.
Table tops, and wood sink tops and drain boards, Wood. Kitchen Maid Corporation. 310,941, Mar. 13, 1934. Republished Oct. 5.

CLASS 33

Bottles, Glass. Standard Glass Company. 71,949, renewed Dec. 22, 1948. O. G. Oct. 5.
Glass, Flat. National Glass Distributors Association. 403,024, Aug. 31, 1943. Republished Oc

Slabs or plates of vitreous material. Pressed Prism Plate Glass Company. 43,457–8, Oct. 4, 1904. Republished Oct. 5.

CLASS 34

Fuel burners, Liquid. Nu-Way Corporation. 231,327, Aug. 16, 1927. Republished Oct. 5.
Hosiery-drying forms. Paramount Metal Form Drying Company. 101,973, Jan. 19, 1915. Republished Oct. 5.

CLASS 35

Belting and fabric belting, Leather. J. E. Rhoads & Sons. 65,028, Sept. 3, 1907. Republished Oct. 5.
Belting, Leather. Atlanta Belting Company. 248,755, renewed Oct. 30, 1948. O. G. Oct. 5.
Belting, Leather. J. E. Rhoads & Sons. 252,430–3, Feb. 5, 1929. Republished Oct. 5.
Belting, round leather belting, cut leather, etc., Leather. J. E. Rhoads & Sons. 118,222, Aug. 21, 1917. Republished Oct. 5.
Belting, rounded leather belting, leather cord, etc., Flat leather. J. E. Rhoads & Sons. 95,667, Mar. 3, 1914. Republished Oct. 5.
Brake lining. Garlock Packing Company. 372,869–70, Nov. 14, 1939. Republished Oct. 5.
Gaskets, Semi-metallic. Garlock Packing Company. 291,999, Mar. 1, 1932. Republished Oct. 5.
Lubricator fillers. R. W. Miller. 359,590, Aug. 23, 1938. Republished Oct. 5.
Packing and packing material. Garlock Packing Company. 265,848, Jan. 7, 1930. Republished Oct. 5.
Packing machinery. Garlock Packing Company. 291,050, Jan. 26, 1932. Republished Oct. 5.
Packing machinery. Green, Tweed & Co. 17,054, Sept. 24, 1889. Republished Oct. 5.
Packing, Steam, water, gas, etc. Crandall Packing Company. 336,030, June 23, 1936. Republished Oct. 5.
Packings, cups, washers, etc., Leather. Garlock Packing Company. 353,860, Jan. 18, 1938. Republished Oct. 5.
U leathers, cup leathers, hat or flange leathers. J. E. Rhoads & Sons. 271,135, May 27, 1930. Republished Oct. 5.
Valve leathers, leather valve washers, leather valve disks. J. E. Rhoads & Sons. 228,201, May 24, 1927. Republished Oct. 5.
Vehicle tires and inner tubes, Pneumatic. Spiegel, May Stern Company, Incorporated. 336,283, June 30, 1936. Republished Oct. 5.
Washers, gaskets, and jointings, all in the nature of packings. Cork Manufacturing Company Limited. 243,628, renewed June 26, 1948. O. G. Oct. 5.

CLASS 36

Pianos. Behning Piano Company. 78,484, June 21, 1910. Republished Oct. 5.
Pianos. G. W. Gittins. 63,746, July 9, 1907. Republished Oct. 5.
Pianos and pianofortes. Schomacker Piano Forte Manufacturing Co. 72,174, re-renewed Jan. 5, 1949. O. G. Oct. 5.

CLASS 37

Index cards, index folders, index guides, etc. Diebold Safe & Lock Company. 404,119, Nov. 2, 1943. Republished Oct. 5.
Paper, Wrapping. Rhinelander Paper Company. 88,026, Aug. 20, 1912. Republished Oct. 5.
Paper, Writing. Whiting Paper Co. 31,793, July 12, 1898. Republished Oct. 5.
Papers. Crown Willamette Paper Company. 250,760, renewed Dec. 18, 1948. O. G. Oct. 5.
Record books, Loose-leaf. Visible Records Equipment Company. 198,460, May 19, 1925. Republished Oct. 5.
Record equipment, Business, bookkeeping, filing, and posting. Diebold, Incorporated. 410,202, Nov. 14, 1944. Republished Oct. 5.
Record equipment, Business, bookkeeping, filing, and posting. Diebold, Incorporated. 410,470, Nov. 28, 1944. Republished Oct. 5.
Sanitary napkins, surgical dressings, and absorbent cellulose tissue. National Cellulose Corporation. 249,230, renewed Nov. 13, 1948. O. G. Oct. 5.
Tags, Price. A. Kimball Company. 311,335, Mar. 20, 1934. Republished Oct. 5.
Tags, Price. A. Kimball Company. 312,606, May 1, 1934. Republished Oct. 5.

CLASS 38

Cartoons. Food Fair Stores, Inc. 431,928, Aug. 12, 1947. Republished Oct. 5.
Magazine. Aircraft Screw Products Company, Inc. 403,511, Sept. 28, 1943. Republished Oct. 5.
Magazine. National Horseman. 402,180, July 6, 1943. Republished Oct. 5.
Magazine, Monthly. Modern Publishing Company. 112,687, Sept. 19, 1916. Amended. O. G. Oct. 5.
Newspaper. F. Agnus. 69,299, June 2, 1908. Republished Oct. 5.
Pamphlets. National Glass Distributors Association. 416,605, Sept. 25, 1945. Republished Oct. 5.
Periodical, published annually. F. W. Dodge Corporation. 246,960, Sept. 18, 1928. Amended. O. G. Oct. 5.

Periodical, Weekly. Cue Publishing Co., Inc. 332,886, Mar. 3, 1936. Republished Oct. 5.
Publication and catalogs, Periodical. Diebold Safe & Lock Company. 224,902, Mar. 8, 1927. Republished Oct. 5.
Series of books. Random House, Inc. 354,754, Feb. 22, 1938. Republished Oct. 5.

CLASS 39

Bandeaux, bandettes, and corsets. H & W Company, Inc. 298,451, Oct. 25, 1932. Corrected. O. G. Oct. 5.
Bloomers, panties, pantalets, etc. Blossom Products Corporation. 502,684, Oct. 5; Serial No. 539,021, published June 8, 1948.
Boots and shoes, Leather. Roberts, Johnson & Rand Shoe Company. 71,838, re-renewed Dec. 15, 1948. O. G. Oct. 5.
Boots and shoes, Women's and misses'. J. J. Grover's Sons. 123,227, Oct. 22, 1918. Republished Oct. 5.
Brassières. La Trique Brassieres Co. 502,769, Oct. 5; Serial No. 539,240.
Brassières. Model Brassiere Corp. 502,650, Oct. 5; Serial No. 534,799, published June 8, 1948.
Brassières and corsets. H & W Company, Inc. 324,289, May 14, 1935. Corrected. O. G. Oct. 5.
Brassières, Bandeaux, and corselets. E. S. Standish. 251,212, renewed Jan. 1, 1949. O. G. Oct. 5.
Caps and hats. Crofut & Knapp Co. 176,268, Nov. 20, 1923. New certificate. O. G. Oct. 5.
Caps and hats. Crofut & Knapp Co. 220,944, Nov. 16, 1926. New certificate. O. G. Oct. 5.
Caps and hats for men and women. Hodshon-Berg, Incorporated. 294,496, May 31, 1932. New certificate. O. G. Oct. 5.
Caps, hats, shoes of leather, calfskin, satin, etc., Men's, women's, misses', and children's. Stern Brothers. 250,977, renewed Dec. 18, 1948. O. G. Oct. 5.
Clothing and furnishings and for women's, misses', and children's wearing apparel, Boys' and men's. Kirby, Block & Fischer, Inc. 302,617, Apr. 25, 1933. Republished Oct. 5.
Coats and suits, Ladies'. Allied Stores Corporation. 388,783, July 8, 1941. Republished Oct. 5.
Coats, suits, etc., Children's. Allied Stores Corporation. 425,041, Oct. 29, 1946. Cancelled Aug. 26, 1948. O. G. Oct. 5.
Coats, suits, etc., Ladies' and misses'. Fenway Coats. 411,083, Jan. 2, 1945. Republished Oct. 5.
Corsets, girdles, and foundation garments. Corsetry, Inc. 502,626, Oct. 5; Serial No. 528,699, published June 8, 1948.
Corsettes and girdles. H & W Company, Inc. 440,881, Oct. 5; Serial No. 520,217, published Apr. 27, 1948.
Dresses, Ladies' and misses'. Nelly-Ann Dress Co. 502,696, Oct. 5; Serial No. 540,197, published June 8, 1948.
Dresses, Women's and misses'. Topteens, Inc. 440,889, Oct. 5; Serial No. 523,154, published May 25, 1948.
Girdles, corsets, brassières, etc. Treo Company, Inc. 390,660, Sept. 30, 1941. Republished Oct. 5.
Gloves, Fabric. Wimelbacher & Rice Inc. 502,673, Oct. 5; Serial No. 538,984, published May 25, 1948.
Gloves, Fabric. Wimelbacher & Rice Inc. 502,674, Oct. 5; Serial No. 538,986, published June 8, 1948.
Gloves, Fabric. Wimelbacher & Rice Inc. 502,676, Oct. 5; Serial No. 538,990, published June 8, 1948.
Gloves, Fabric. Wimelbacher & Rice Inc. 502,678–9, Oct. 5; Serial Nos. 538,994–5, published June 8, 1948.
Gloves, Fabric and skin. Wimelbacher & Rice Inc. 502,682, Oct. 5; Serial No. 539,009, published June 8, 1948.
Gloves, jersey gloves, and leather-palm combination gloves, Cotton. Wells-Lamont Mfg. Co. 205,461, Nov. 10, 1925. Republished Oct. 5.
Gloves, Ladies' and misses'. Louis Meyers & Son, Inc. 502,766, Oct. 5; Serial No. 534,171.
Gloves, Leather and fabric. Wimelbacher & Rice Inc. 502,675, Oct. 5; Serial No. 538,989, published June 8, 1948.
Gloves, Leather and fabric. Wimelbacher & Rice Inc. 502,677, Oct. 5; Serial No. 538,993, published June 8, 1948.
Gloves, Leather and fabric. Wimelbacher & Rice Inc. 502,680–1, Oct. 5; Serial Nos. 538,997–8, published June 8, 1948.
Gloves of leather faced cotton, Working men's. Wells-Lamont Manufacturing Co. 251,327, Jan. 1, 1929. Republished Oct. 5.
Gloves of leather, Work. Wells-Lamont-Smith Corporation. 342,531–2, Jan. 19, 1937. Republished Oct. 5.
Gloves, Work. Wells Lamont Smith Corporation. 393,273, Feb. 3, 1942. Republished Oct. 5.
Gloves, Work. Wells Lamont Smith Corporation. 398,616, Nov. 10, 1942. Republished Oct. 5.
Gloves, Work. Wells Lamont Smith Corporation. 398,722, Nov. 17, 1942. Republished Oct. 5.
Gloves, Work. Wells-Lamont-Smith Corporation. 399,009, Dec. 8, 1942. Republished Oct. 5.
Hairnets. Hairnet Corporation of America. 502,687, Oct. 5; Serial No. 539,319, published June 8, 1948.
Hats and caps. Knox Hat Company, Inc. 104,221, May 11, 1915. New certificate. O. G. Oct. 5.
Hats and caps for men. Knox Hat Company, Inc. 246,280, Sept. 4, 1928. New certificate. O. G. Oct. 5.
Hats and caps for men. Knox Hat Company, Inc. 252,025, Jan. 22, 1929. New certificate. O. G. Oct. 5.
Hats and felt hats, Straw. Dunlap & Co. 180,056, Feb. 19, 1924. New certificate. O. G. Oct. 5.
Hats for men and women. Crofut & Knapp Co. 234,609, Nov. 1, 1927. New certificate. O. G. Oct. 5.
Hats for men, women, and children. Dunlap & Co. 176,834, Dec. 4, 1923. New certificate. O. G. Oct. 5.
Hats for men, women, and children. Knox Hat Company, Inc. 170,820, July 24, 1923. New certificate. O. G. Oct. 5.
Headwear. Crofut & Knapp Co. 287,266, Sept. 15, 1931. New certificate. O. G. Oct. 5.
Hosiery. Allied Stores Corporation. 364,233, Jan. 24 1939. Republished Oct. 5.
Hosiery. J. L. Hudson Company. 250,329, renewed Dec. 4, 1948. O. G. Oct. 5.
Hosiery. National Silk Hosiery Mills, Inc. 361,484, Oct. 18, 1938. Republished Oct. 5.
Hosiery. National Silk Hosiery Mills, Inc. 362,988, Dec. 6, 1938. Republished Oct. 5.
Hosiery. National Silk Hosiery Mills, Inc. 364,739, Feb. 14, 1939. Republished Oct. 5.
Hosiery. Sulloway Hosiery Mills. 432,373, Sept. 2, 1947. Republished Oct. 5.
Hosiery. Thomas Mills, Inc. 252,947, Feb. 19, 1929. Republished Oct. 5.
Hosiery. Thomas Mills, Inc. 258,052, June 25, 1929. Republished Oct. 5.
Hosiery. Thomas Mills, Inc. 272,368, July 8, 1930. Republished Oct. 5.
Hosiery. Thomas Mills, Inc. 281,444, Mar. 17, 1931, Republished Oct. 5.
Hosiery and ladies' underwear. Janedale Hosiery Mills, Inc. 502,760, Oct. 5; Serial No. 517,248.
Hosiery and underwear for men, women, etc. F. C. Press. 397,195, Aug. 25, 1942. Cancelled Aug. 26, 1948. O. G. Oct. 5.
Knickerbockers and riding breeches, Men's, women's and children's. Sam Rosenbaum & Sons Company. 231,029, Aug. 9, 1927. Republished Oct. 5.
Neckwear, men's and boys' four-in-hands, sport bows, band bows, etc. A. S. Goldman & Co. Inc. 246,184, renewed Sept. 4, 1948. O. G. Oct. 5.
Overalls, jumpers, play suits, etc. Black Manufacturing Co. 263,390, Nov. 12, 1929. Republished Oct. 5.
Overalls, mackinaws, waterproof outer garments, etc. Black Manufacturing Co. 100,949, Nov. 3, 1914. Republished Oct. 5.
Panties, Ladies'. A. H. Schreiber Co., Inc. 414,409, June 12, 1945. Republished Oct. 5.
Pants, Infant's waterproof. Holland-Rantos Company, Inc. 502,603, Oct. 5; Serial No. 509,342, published June 8, 1948.
Pants, knickers, shorts for outer wear, etc., Men's and boys' long. Sam Rosenbaum & Sons Company. 339,912, Oct. 27, 1936. Republished Oct. 5.
Ready to wear and accessories, Women's. Allied Stores Corporation. 406,584, Apr. 11, 1944. Republished Oct. 5.
Shirts, Boy's and men's work, dress, and negligee. Horace L. Allen Mfg. Co. 250,184, Dec. 4, 1928. Republished Oct. 5.
Shirts, Dress. Raab-Meyerhoff, M. H., Co., Inc. 356,739, May 10, 1938. Republished Oct. 5.
Shirts, pajamas and shorts, Dress and negligee. Broom & Newman. 324,265, May 14, 1935. Republished Oct. 5.
Shirts, pajamas, polo shirts, etc., Dress, negligee, and work. S. Leibovitz & Sons, Inc. 329,587, Nov. 5, 1935. Republished Oct. 5.
Shirts, work shirts, negligee shirts, blouse shirts, etc., Boys' dress. Higginbotham-Bailey-Logan Company. 251,026, renewed Dec. 25, 1948. O. G. Oct. 5.
Shoes. Schiff Company. 386,389, Apr. 8, 1941. Republished Oct. 5.
Shoes. Selby Shoe Company. 392,773–4, Jan. 13, 1942. Republished Oct. 5.
Shoes. Selby Shoe Company. 399,687, Jan. 26, 1943. Republished Oct. 5.
Shoes. Selby Shoe Company. 401,523, May 25, 1943. Republished Oct. 5.
Shoes. Selby Shoe Company. 401,564, May 25, 1943. Republished Oct. 5.
Shoes. Selby Shoe Company. 408,806, Aug. 29, 1944. Republished Oct. 5.
Shoes, Men's, women's and children's. Julian and Kokenge Company. 279,695, Jan. 20, 1931. Republished Oct. 5.
Shoes, Women's. Selby Shoe Company. 350,017, Sept. 14, 1937. Republished Oct. 5.
Shoes, Women's, misses', and female children's and infants. Selby Shoe Company. 350,868–70, Oct. 12, 1937. Republished Oct. 5.
Shoes, Women's, misses' and female children's and infants. Selby Shoe Company. 350,968, Oct. 12, 1937. Republished Oct. 5.
Slips and night gowns, Ladies' and misses'. N. Manis. 502,764, Oct. 5; Serial No. 524,405.
Slips and night gowns, Ladies' and misses'. Rhythm Lingerie, Inc. 414,010, May 22, 1945. Republished Oct. 5.
Slips and petticoats, Women's and children's. Archdale Mfg. Co. 440,864, Oct. 5; Serial No. 514,880, published June 8, 1948.

Slips, panties, nightgowns, etc., Junior misses' and little misses'. Topper Undergarment Company. 440,863, Oct. 5; Serial No. 514,447, published June 8, 1948.
Slips, Women's. Josie Lingerie, Inc. 502,672, Oct. 5; Serial No. 538,771, published June 8, 1948.
Socks and gloves, etc. Wm. Filene's Sons Company. 124,527, Feb. 25, 1919. Republished Oct. 5.
Suits and boys' suits, sunsuits, overalls and ski suits, Baby boy. Becker & Peck Incorporated. 374,356, Jan. 9, 1940. Republished Oct. 5.
Suits, waistcoats, trousers, etc. Raab Custom Tailors, Inc. 388,972, July 22, 1941. Republished Oct. 5.
Topcoats, and men's suits comprising coats, vests, and trousers, Men's. Hickey-Freeman Company. 245,235, renewed Aug. 7, 1948. O. G. Oct. 5.
Trousers, Boys'. Sam Rosenbaum & Sons Company. 219,664, Oct. 19, 1926. Republished Oct. 5.
Trousers for men or boys. M. Berman. 248,700, renewed Oct. 30, 1948. O. G. Oct. 5.
Underwear and lingerie. Cosgrove Brothers, Inc. 440,835, Oct. 5; Serial No. 490,105, published June 4, 1946.
Underwear, Ladies'. A. H. Schreiber Company. 270,126, Apr. 29, 1930. Republished Oct. 5.
Underwear, Women's. Fan Roy Fashions. 502,665, Oct. 5; Serial No. 538,116, published May 25, 1948.
Union suits, Children's athletic waist and outer garments. J. Feinberg. 246,175, renewed Sept. 4, 1948. O. G. Oct. 5.
Wearing apparel, All types of women's. Fred & Clark Haas, Inc. 416,227, Sept. 4, 1945. Republished Oct. 5.

CLASS 40

Cord known as gimp, Rayon. Russell Fraser Wire Company. 341,143, Dec. 1, 1936. Republished Oct. 5.
Feather hat ornaments; decorative hat pieces. Knox Hat Company, Inc. 260,849, Aug. 27, 1929. New certificate. O. G. Oct. 5.
Tapes and trimmings, Bias-fold. William E. Wright & Sons Company. 212,222, Apr. 27, 1926. Republished Oct. 5.
Tapes and trimmings of fabrics, Bias-fold. William E. Wright & Sons Company. 232,629, Sept. 13, 1927. Republished Oct. 5.
Wire, Covered. Fraser Manufacturing Co. Inc. 372,618, Nov. 7, 1939. Republished Oct. 5.

CLASS 42

Cloth, Cotton. Boott Mills. 248,668, Oct. 30, 1928. Republished Oct. 5.
Corduroy in the piece. Boott Mills. 374,017, Dec. 26, 1939. Republished Oct. 5.
Cotton gabardine cloth in the piece. E. E. Berliner & Co. 502,754, Oct. 5; Serial No. 489,639.
Cotton goods in the piece and silk and cotton goods in the piece. Devonshire Mills Co., Inc. 106,845, Nov. 2, 1915. Republished Oct. 5.
Curtains. Boott Mills. 242,331, May 22, 1928. Republished Oct. 5.
Curtains. Boott Mills. 305,821, Aug. 22, 1933. Republished Oct. 5.
Curtains, Window. Croscill Curtain Co., Inc. 502,757, Oct. 5; Serial No. 515,258.
Fabrics of cotton impregnated with pyroxylin solution, Woven. Athol Manufacturing Company. 245,478, renewed Aug. 14, 1948. O. G. Oct. 5.
Leather, Artificial. Athol Manufacturing Company. 248,071, renewed Oct. 16, 1948. O. G. Oct. 5.
Linen, half-linen, and cotton fabrics. Linnenfabrieken E. J. F. Van Dissel & Zonen. 177,748, renewed Dec. 25, 1943. O. G. Oct. 5.
Piece goods, Cotton. Boott Mills. 66,323, Nov. 19, 1907. Republished Oct. 5.
Piece goods, Cotton. Boott Mills. 79,402, Sept. 6, 1910. Republished Oct. 5.
Piece goods, Cotton. Boott Mills. 133,912, Aug. 10, 1920. Republished Oct. 5.
Piece goods, Cotton. Boott Mills. 259,572, Aug. 6, 1929. Republished Oct. 5.
Piece goods, Cotton. M. Lowenstein & Sons, Inc. 502,759, Oct. 5; Serial No. 516,298.
Piece goods, Cotton and cretonne. S. M. Schwab, Jr. & Co. 368,851, July 4, 1939. Republished Oct. 5.
Piece goods, Cotton and woolen. Detmer Woolen Company. 66,569, re-renewed Dec. 10, 1947. O. G. Oct. 5.
Piece goods, Dyed cotton. Millville Manufacturing Company. 71,831, re-renewed Dec. 15, 1948. O. G. Oct. 5.
Piece goods, Rayon. Herbert Manufacturing Co., Inc. 502,758, Oct. 5; Serial No. 515,763.
Piece goods, Woolen. Forstmann & Huffmann Company. 244,855, renewed July 31, 1948. O. G. Oct. 5.
Ribbon, Velvet. Ernest & Herman Levy, Inc. 161,531, Nov. 14, 1922. Republished Oct. 5.
Ribbons, Century Ribbon Mills, Inc. 350,129-30, Sept. 14, 1937. Republished Oct. 5.
Ribbons, Ernest & Herman Levy. 39,756, Feb. 10, 1903. Republished Oct. 5.
Rugs and textile floor mats. Deltox Rug Company. 502,767, Oct. 5; Serial No. 535,225.
Scrim, curtains, and hand and bath towels. Boott Mills. 261,257, Sept. 10, 1929. Republished Oct. 5.
Scrim in the piece. Boott Mills. 254,468, Mar. 26, 1929. Republished Oct. 5.
Scrim in the piece. Boott Mills. 277,888, Dec. 2, 1930. Republished Oct. 5.
Textile fabrics in the piece. Barrett Textile Corporation. 440,902, Oct. 5; Serial No. 509,070.
Textile fabrics in the piece. D. R. Fuller & Co., Inc. 440,903, Oct. 5; Serial No. 509,411.
Textile fabrics in the piece. Nivel International Co. 502,756, Oct. 5; Serial No. 514,983.
Towels. Boott Mills. 367,582, May 23, 1939. Republished Oct. 5.
Towels and bath towels, Hand. Boott Mills. 268,387, Mar. 11, 1930. Republished Oct. 5.
Towels and towelling. Boott Mills. 386,796, Apr. 22, 1921. Republished Oct. 5.
Wide goods in the piece, wide elastic goods in the piece. Devonshire Mills Company, Inc. 349,320. Aug. 24, 1937. Republished Oct. 5.

CLASS 43

Yarn, Gimp. Fraser Manufacturing Co., Inc. 377,172, Apr. 23, 1940. Republished Oct. 5.
Yarn, Knitting and crocheting. Fraser Manufacturing Co., Inc. 380,024, Aug. 6, 1940. Republished Oct. 5.
Yarn, Twisted rayon. Fraser Manufacturing Company, Inc. 393,312, Feb. 3, 1942. Republished Oct. 5.
Yarns. James Lees & Sons Company. 251,622, renewed Jan. 8, 1949. O. G. Oct. 5.

CLASS 44

Arch supports. Scholl Mfg. Co., Inc. 502,653, Oct. 5; Serial No. 535,879, published June 22, 1948.
Arch-supports and external arch-supports, Internal. Trimfoot Company. 502,642, Oct. 5; Serial No. 533,422, published June 8, 1948.
Dental burs. G. and P. C. Scharmann. 40,918, Aug. 11, 1903. Republished Oct. 5.
Dental gold and porcelain teeth. E. E. La Frienier. 319,923, Dec. 11, 1934. New certificate. O. G. Oct. 5.
Dental sedative cement, acrylic denture material, and denture repair material. Dental Specialty Manufacturing Co., Inc. 420,678, Apr. 30, 1946. Republished Oct. 5.
Emery sticks. J. C. Gonia. 502,600, Oct. 5; Serial No. 498,567, published June 15, 1948.
Manicure implements. Master Surgical Instrument Corp. 440,880, Oct. 5; Serial No. 519,971, published June 22, 1948.
Medical diaphragms. Holland-Rantos Company, Inc. 52,604, Oct. 5; Serial No. 509,846, published June 22, 1948.
Porcelain. E. E. La Frienier. 380,055, Aug. 6, 1940. New certificate. O. G. Oct. 5.
Sanitary napkins, surgical dressings, and absorbent cellulose tissue. National Cellulose Corporation. 249,230, renewed Nov. 13, 1948. O. G. Oct. 5.
Teeth, Artificial. Universal Dental Company. 502,643, Oct. 5; Serial No. 533,649, published June 22, 1948.
Telephone mouthpiece caps having replaceable germicidal disks, Auxiliary. Prophylactic Products, Inc. 440,896, Oct. 5; Serial No. 525,246, published June 15, 1948.

CLASS 45

Beverage base, Powdered. Mutual Citrus Products Co. Inc. 402,099, June 29, 1943. Corrected. O. G. Oct. 5
Beverage, Health-building noncereal and maltless nonalcoholic. Paul Schreiber and Son. 269,432, Apr. 8, 1930. Canceled Aug. 26, 1948. O. G. Oct. 5.
Beverages, Nonalcoholic, noncereal, maltless. J. Kohlmann. 244,768, renewed July 24, 1948. O. G. Oct. 5.
Table waters. J. Ries. 62,027, Apr. 16, 1907. Republished Oct. 5.
Table waters. J. Ries. 67,402, Feb 4, 1908. Republished Oct. 5.

CLASS 46

Ammonia, catsup, and sauce. E. Pritchard. 28,564, July 7, 1896. Republished Oct. 5.
Apple juice. J. C. Morgan Co., Inc. 406,700, Apr. 18, 1944. Republished Oct. 5.
Apples and pears, Fresh. Manniello Bros. & Mayrsohn, Inc. 251,268, renewed Jan. 1, 1949. O. G. Oct. 5.
Apples, Dehydrated. L. Gordon. 414,860, June 26, 1945. Canceled Aug. 26, 1948. O. G. Oct. 5.
Candies. B. F. Mothershead. 383,952, Dec. 31, 1940. New certificate. O. G. Oct. 5.
Candies. Voneiff-Drayer Company. 398,634, Nov. 10, 1942. Republished Oct. 5.
Candy. Cracker Jack Co. 251,330, renewed Jan. 1, 1949. O. G. Oct. 5.
Candy. Nunnally Co. 72,383, re-renewed Jan. 19, 1949. O. G. Oct. 5.
Candy. Williamson Candy Company. 251,265, renewed Jan. 1, 1949. O. G. Oct. 5.
Canned citrus fruit juices. Mutual Citrus Products Co., Inc. 329,321, Oct. 22, 1935. Corrected. O. G. Oct. 5.
Canned fish. Franco-Italian Packing Co., Inc. 228,589, June 7, 1927. Corrected. O. G. Oct. 5.
Canned fish. Franco-Italian Packing Co., Inc. 237,918, Jan. 24, 1928. Corrected. O. G. Oct. 5.
Canned fish. Franco-Italian Packing Co., Inc. 382,494, Oct. 29, 1940. Corrected. O. G. Oct. 5.

Canned fish. Franco-Italian Packing Co., Inc. 384,554, Jan. 21, 1941. Corrected. O. G. Oct. 5.
Canned fish. Franco-Italian Packing Corp. 407,947, July 11, 1944. Corrected. O. G. Oct. 5.
Canned fish. French Sardine Co., Inc. 374,481, Jan. 9, 1940. Corrected. O. G. Oct. 5.
Canned fish. French Sardine Company, Inc. 381,518, Sept. 24, 1940. Corrected. O. G. Oct. 5.
Canned fish. French Sardine Company of California. 238,737, Feb. 14, 1928. Republished Oct. 5.
Canned fish. Westgate Sea Products Co. 373,730, Dec. 19, 1939. Republished Oct. 5.
Canned fish. Westgate Sea Products Co. 381,567, Oct. 1, 1940. Republished Oct. 5.
Canned fish. Westgate Sea Products Co. 383,118, Nov. 26, 1940. Republished Oct. 5.
Canned fish. Westgate Sea Products Company. 392,583, Jan. 6, 1942. Republished Oct. 5.
Canned fish. Westgate Sea Products Co. 395,215, May 19, 1942. Republished Oct. 5.
Canned fish. Winston and Newell Company. 282,745, Apr. 28, 1931. Republished Oct. 5.
Canned fruits and vegetables, tapioca, corn starch, and extract of vanilla. H. Kussy. 70,415, re-renewed Aug. 25, 1948. O. G. Oct. 5.
Canned fruits, canned vegetables, and canned fish. Van Landingham Co. 212,264, Apr. 27, 1926. Corrected. O. G. Oct. 5.
Canned fruits, canned vegetables, and tomato juice. F. C. Tripi Co., Inc. 375,172, Feb. 13, 1940. Republished Oct. 5.
Canned fruits, canned vegetables, canned grape-fruit juice, canned orange juice. F. C. Tripi Company, Inc. 421,428, June 4, 1946. Republished Oct. 5.
Canned fruits, canned vegetables, hams, etc. H. C. Bohack Co., Inc. 244,280, July 17, 1928. Corrected. O. G. Oct. 5.
Canned fruits, vegetables, canned fish, etc. Reliable Grocery Co. Inc. 320,803, Jan. 8, 1935. Republished Oct. 5.
Canned peas. Central Wisconsin Canneries, Inc. 326,648, July 30, 1935. Republished Oct. 5.
Canned peas, canned corn, canned beets, etc. Aunt Nellie's Farm Kitchen, Inc. 245,916, renewed Aug. 28, 1948. O. G. Oct. 5.
Canned pimientos, morrones, canned peeled red chile peppers, etc. Royal Packing Co. 244,179, renewed July 17, 1948. O. G. Oct. 5.
Canned sardines. French Sardine Co., Inc. 334,190, Apr. 21, 1936. Corrected. O. G. Oct. 5.
Canned sardines. C. E. Van Landingnham. 131,868, May 25, 1920. Corrected. O. G. Oct. 5.
Canned sardines and canned tuna. Sun Harbor Packing Corporation. 127,692, Nov. 18, 1919. Republished Oct. 5.
Canned tuna fish and canned sardines. M. A. Rex. 282,157, Apr. 14, 1931. Republished Oct. 5.
Canned tunny fish. Westgate Sea Products Co. 188,151, Aug. 19, 1924. Republished Oct. 5.
Canned vegetables. Central Wisconsin Canneries. 350,937, Oct. 12, 1937. Republished Oct. 5.
Canned vegetables. Central Wisconsin Canneries. 361,930, Nov. 8, 1938. Republished Oct. 5.
Canned vegetables. Central Wisconsin Canneries. 371,060, Sept. 19, 1939. Republished Oct. 5.
Canned vegetables. Pickaway Canning Company. 369,703, Aug. 1, 1939. Republished Oct. 5.
Canned vegetables. Winorr Canning Company. 369,951, Aug. 8, 1939. Republished Oct. 5.
Canned vegetables, canned fruits, pickles, etc. Union Premier Stores, Inc. 350,693, Oct. 5, 1937. Republished Oct. 5.
Cereal breakfast food, bread biscuits, cookies, and crackers. Roman Meal Company. 251,517, renewed Jan. 8, 1949. O. G. Oct. 5.
Chocolate and cocoa and chocolate coating. Guittard Chocolate Co. 250,673, renewed Dec. 11, 1948. O. G. Oct. 5.
Coffee. Oakford & Fahnestock. 71,789, re-renewed Dec. 15, 1948. O. G. Oct. 5.
Coffee and tea. Shapleigh Coffee Company. 68,024, Mar. 3, 1908. Republished Oct. 5.
Coffee and tea. Shapleigh Coffee Company. 68,037, Mar. 3, 1908. Republished Oct. 5.
Crackers, cookies, wafers, and biscuits. Salerno-Megowen Biscuit Company. 351,206, Oct. 19, 1937. Republished Oct. 5.
Cupcakes. Swanson Baking Company. 283,554, June 2, 1931. Republished Oct. 5.
Eggs. Whitehead Bros. 247,432, renewed Sept. 25, 1948. O. G. Oct. 5.
Feed, Chicken. Josey-Miller Co. 237,507, Jan. 10, 1928. Republished Oct. 5.
Feed, Stock and poultry. Washburn Crosby Company. 251,528, renewed Jan. 8, 1949. O. G. Oct. 5.
Feeds, Stock and poultry. Albers Bros. Milling Co. 347,575, June 29, 1937. Republished Oct. 5.
Fish meal. Franco-Italian Packing Corp. 386,565, Apr. 15, 1941. Corrected. O. G. Oct. 5.
Flour. Pillsbury Flour Mills Company. 143,430, May 31, 1921. Republished Oct. 5.
Flour. Pillsbury Flour Mills Company. 296,114, July 26, 1932. Republished Oct. 5.
Flour. Pillsbury Flour Mills Company. 306,600, Sept. 26, 1933. Republished Oct. 5.
Flour. Pillsbury Flour Mills Company. 355,525, Mar. 22, 1938. Republished Oct. 5.
Flour. Pillsbury Flour Mills Company. 374,196, Jan. 2, 1940. Republished Oct. 5.
Flour. Pillsbury-Washburn Flour Mills Co., Inc. 45,181, Aug. 8, 1905. Republished Oct. 5.
Flour made from wheat. Pillsbury-Washburn Flour Mills Company, Inc. 45,744, Aug. 29, 1905. Republished Oct. 5.
Flour, Wheat. Blish Milling Company. 77,287, Mar. 29, 1910. Republished Oct. 5.
Flour, Wheat. Blish Milling Compauy. 80,637-8, Jan. 17, 1911. Republished Oct. 5.
Flour, Wheat. Pillsbury Flour Mills Company. 93,904, Oct. 21, 1913. Republished Oct. 5.
Flour, Wheat. Pillsbury Flour Mills Company. 293,505, Apr. 26, 1932. Republished Oct. 5.
Flour, Wheat. Pillsbury Flour Mills Company. 334,193, Apr. 21, 1936. Republished Oct. 5.
Flour, Wheat. Pillsbury Flour Mills Company. 342,948, Feb. 2, 1937. Republished Oct. 5.
Flour, Wheat. Pillsbury Flour Mills Company. 354,823-4, Feb. 22, 1938. Republished Oct. 5.
Flour, Wheat. Pillsbury Flour Mills Company. 372,482, Oct. 31, 1939. Republished Oct. 5.
Food, Bird. Shellgram Company. 244,176, renewed July 17, 1948. O. G. Oct. 5.
Food, Cat. French Sardine Co., Inc. 388,570, July 1, 1941. Corrected. O. G. Oct. 5.
Food, potted meats and Vienna sausage, Dog. Hunter Packing Company. 364,192, Jan. 24, 1939. Republished Oct. 5.
Food preparation. Mead Johnson & Company. 502,609, Oct. 5; Serial No. 517,077, published June 15, 1948.
Fruit base, Powdered. Mutual Citrus Products Co., Inc. 408,701, Aug. 29, 1944. Corrected. O. G. Oct. 5.
Fruit, Citrus. G. M. Van Kirk. 399,679, Jan. 26, 1943. Republished Oct. 5.
Fruit, Fresh citrus. Stanford Fruit Growers, Inc. 395,892, June 16, 1942. Republished Oct. 5.
Fruits and fresh tomatoes, Fresh citrus. Growers Fruit Company, Inc. 374,131, Jan. 2, 1940. Republished Oct. 5.
Fruits and vegetables, Fresh. H. Rouw Company. 388,995, July 22, 1941. Republished Oct. 5.
Fruits, Fresh citrus. Arizona Citrus Growers. 250,624, renewed Dec. 11, 1948. O. G. Oct. 5.
Fruits, Fresh citrus. L. Maxcy, Inc. 291,599, Feb. 23, 1932. Republished Oct. 5.
Fruits, Fresh citrus. Mutual Citrus Products Co., Inc. 367,961, June 6, 1939. Corrected. O. G. Oct. 5.
Fruits, Fresh citrus. E. P. Percher. 245,677, renewed Aug. 21, 1948. O. G. Oct. 5.
Fruits, Fresh citrus. E. P. Percher. 245,678, renewed Aug. 21, 1948. O. G. Oct. 5.
Fruits, Fresh citrus. Roper Bros., Inc. 387,716, May 27, 1941. Republished Oct. 5.
Fruits, Fresh citrus. Stanford Fruit Growers, Inc. 392,650, Jan. 6, 1942. Republished Oct. 5.
Fruits, Fresh citrus. Stanford Fruit Growers, Inc. 393,393, Feb. 10, 1942. Republished Oct. 5.
Fruits, Fresh citrus. Stanford Fruit Growers, Inc. 395,769, June 9, 1942. Republished Oct. 5.
Fruits, Fresh citrus. Upland Lemon Growers Association. 245,267, renewed Aug. 7, 1948. O. G. Oct. 5.
Fruits, Fresh deciduous. Wood Fruit Company, Inc. 249,808-9, Nov. 20, 1928. Republished Oct. 5.
Fruits, raisins, canned and preserved fruits, Fresh, dried, and stuffed. S. S. Pierce Co. 236,895, Dec. 27, 1927. Republished Oct. 5.
Honey. I. Rokeach & Sons, Inc. 244,918, renewed July 31, 1948. O. G. Oct. 5.
Ice cream and other frozen confections. Borden Company. 385,998, Mar. 25, 1941. Cancelled Aug. 26, 1948. O. G. Oct. 5.
Macaroni, spaghetti, noodles, etc. John F. Lalla Company. 94,007, Oct. 28, 1913. Republished Oct. 5.
Olive oil. Comex Trading Co., Inc. 384,003, Dec. 31, 1940. Republished Oct. 5.
Raisins. Rosenberg Bros. & Co. 70,295, re-renewed Aug. 18, 1948. O. G. Oct. 5.
Salt. Ohio Salt Co. 36,340, Apr. 30, 1901. Republished Oct. 5.
Salt. Ohio Salt Company. 36,617, June 18, 1901. Republished Oct. 5.
Salt. Ohio Salt Co. 40,387, May 19, 1903. Republished Oct. 5.
Sandwiches. Carey's Sandwich Shop. 502,762, Oct. 5; Serial No. 522,032.
Spices and flavoring extracts for foods. S. Tesoro. 244,558, renewed July 24, 1948. O. G. Oct. 5.
Sugar substitute. Sharp & Dohme. 146,453, renewed Jan. 5, 1948. O. G. Oct. 5.
Tomatoes, Fresh. Tri-City Vegetable Growers. 502,771, Oct. 5; Serial No. 529,833.

CLASS 47

Champagne wine. Societe Vinicole de Champagne. 234,022, renewed Oct. 18, 1947. O. G. Oct. 5.
Wines. B. C. Company, Ltd. 311,754, Apr. 3, 1934. Republished Oct. 5.

CLASS 48

Malt cereal beverages, Nonalcoholic. Jackson Brewing Co. 250,347, renewed Dec. 4, 1948. O. G. Oct. 5.

Malt, Light. First Caramel Malting Corporation. 415,068, July 10, 1945. Republished Oct. 5.

CLASS 49

Liqueurs. Chartreuse Corporation. 362,754, Nov. 29, 1938. Republished Oct. 5.

Whiskey. Le Sage Company. 418,251, Dec. 11, 1945. Republished Oct. 5.

Whiskey, gin, rum, etc. B. C. Company Ltd. 350,969, Oct. 12, 1937. Republished Oct. 5.

Whisky, gin and rum. United Distillers Limited. 310,695, Mar. 6, 1934. Republished Oct. 5.

CLASS 50

Blocks and monumental stones, Granite. Boutwell Milne & Varnum Co. 95,516, Feb. 24, 1914. Republished Oct. 5.

Leather, Imitation. Burkhardt Company, Inc. 197,643, Apr. 21, 1925. Republished Oct. 5.

Mats for motor vehicles. Cork Manufacturing Company Limited. 245,548, renewed Aug. 14, 1948. O. G. Oct. 5.

CLASS 55

Chemical and bacteriological laboratory services. Truesdail Laboratories, Inc. 502,752, Oct. 5; Serial No. 531,740, published July 13, 1948.

Chromium plating service. Duro-Chrome of Chicago, Inc. 502,751, Oct. 5; Serial No. 531,581, published July 13, 1948.

Galvanizing service, Commercial. Emsco Derrick & Equipment Company. 502,750, Oct. 5; Serial No. 527,223, published July 6, 1948.

Pump service. Emsco Derrick & Equipment Company. 502,749, Oct. 5; Serial No. 527,208, published July 6, 1948.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 5TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Philadelphia Quartz Company, assignee: *See*—
Wegst, Walter F., and Wills.

Upson, Ralph H., Minneapolis, Minn. Stall warning device. Re. 23,042, Oct. 5.

Wegst, Walter F., Wyandotte, Mich., and J. H. Wills, Chester, Pa., assignors to Philadelphia Quartz Company, Philadelphia, Pa. Manufacture of hydrated polysilicate. Re. 23,043, Oct. 5.

Wills, John H.: *See*—
Wegst, Walter F., and Wills.

LIST OF DESIGN PATENTEES

Adamson, George H., Tecumseh, Mich. Watch dial. 151,204, Oct. 5.

Aitcheson, Thomas G.: *See*—
Armbruster, John T., and Aitcheson.

American Optical Company, assignee: *See*—
Armbruster, John T., and Aitcheson.

American Seating Company, assignee: *See*—
Bond, Willard H., Jr.

Anderson, James W., Jr., Detroit, Mich. Rear vision mirror or similar article. 151,205, Oct. 5.

Armbruster, John T., Niagara Falls, and T. G. Aitcheson, Kenmore, N. Y., assignors to American Optical Company, Southbridge, Mass. Microscope or similar article. 151,206, Oct. 5.

Associated Products, Inc., assignee: *See*—
Miller, Edith J. B.

Atkin, Kenneth C., assignor to Clarke Sanding Machine Company, Muskegon, Mich. Electric floor polisher. 151,207, Oct. 5.

Bart, Thomas E., assignor to The Murdock Mfg. & Supply Co., Cincinnati, Ohio. Head for railroad water hydrants and similar articles. 151,208, Oct. 5.

Bartmann & Bixer, Inc., assignee: *See*—
Dix, Samuel A.

Baud, Georges, Paris, France. Combined holder and containers for perfumery. 151,209, Oct. 5.

Bell Aircraft Corporation, assignee: *See*—
Sutton, Frank L.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Marrison, Warren A., and Thayer.

Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Chair standard. 151,210, Oct. 5.

Bradbury, Joseph W., Bridgeport, Conn. Soap dish. 151,211, Oct. 5.

Brohawn, Philip J., New York, N. Y., assignor to International Engraving Machine Corp. Engraving machine. 151,212, Oct. 5.

Bruner, Charles C., Wichita, Kans. Milking stool. 151,213, Oct. 5.

Buckner, Anthony J., assignor to Grosfeld House, Inc., New York, N. Y. Cabinet or similar article. 151,214, Oct. 5.

Buckner, Anthony J., assignor to Grosfeld House, Inc., New York, N. Y. Cabinet or similar article. 151,215, Oct. 5.

Buckner, Anthony J., assignor to Grosfeld House, Inc., New York, N. Y. Cabinet or similar article. 151,216, Oct. 5.

Buehren, Mary, Winnetka, Ill. Combined ashtray, glass and poker chip holder. 151,217, Oct. 5.

Bulova Watch Company, Inc., assignee: *See*—
Fachon, Emil E.

Cameron, Paul P., assignor to Parker Products Company, Flint, Mich. Child's desk. 151,218, Oct. 5.

Clarke Sanding Machine Company, assignee: *See*—
Atkin, Kenneth C.

Clauser, Milton U., Los Angeles, and A. N. Hatch, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Turbine jet aircraft engine. 151,219, Oct. 5.

Coro, Inc., assignee: *See*—
Katz, Adolph.

Crain, Lloyd S., Evanston, Ill. Costumer or the like. 151,220, Oct. 5.

Daystrom Corporation, assignee: *See*—
Kipp, Karl.

Ditto, Arthur, assignor to Marine Optical Mfg. Co., Boston, Mass. Spectacle frame. 151,221, Oct. 5.

Ditto, Arthur, assignor to Marine Optical Mfg. Co., Boston, Mass. Spectacle frame. 151,222, Oct. 5.

Dix, Samuel A., assignor to Bartmann & Bixer, Inc., New York, N. Y. Textile fabric or similar article. 151,223, Oct. 5.

Dix, Samuel A., assignor to Bartmann & Bixer, Inc., New York, N. Y. Textile fabric or similar article. 151,224, Oct. 5.

Dix, Samuel A., assignor to Bartmann & Bixer, Inc., New York, N. Y. Textile fabric or similar article. 151,225, Oct. 5.

Dix, Samuel A., assignor to Bartmann & Bixer, Inc., New York, N. Y. Textile fabric or similar article. 151,226, Oct. 5.

Dix, Samuel A., assignor to Bartmann & Bixer, Inc., New York, N. Y. Textile fabric or similar article. 151,227, Oct. 5.

Doane, Leroy C., Essex, assignor to The Sight Light Corporation, Deep River, Conn. Floor lamp. 151,228, Oct. 5.

Douglas Aircraft Company, Inc., assignee: *See*—
Clauser, Milton U., and Hatch.

Eddy, Donald F., South Gate, Calif. Swimming flipper. 151,229, Oct. 5.

Ekco Products Company, assignee: *See*—
Zimmer, Myron J.

F. & N. Lawn Mower Company, The, assignee: *See*—
Kluter, Marlowe H.

Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y. Expansible link chain for a bracelet or similar article. 151,230, Oct. 5.

Funderburg, John E., Ashland, Ky. Game board. 151,231, Oct. 5.

Gardel, Robert, New York, N. Y. Connecting link for a necklace or similar article. 151,232, Oct. 5.

Goessling, Gerald A., Richmond Heights, assignor to Quick Point Pencil Co., St. Louis, Mo. Combination pen and pencil. 151,233, Oct. 5.

Graham, Elizabeth N., New York, N. Y. Combined eye shadow and rouge case. 151,234, Oct. 5.

Grosfeld House, Inc., assignee: *See*—
Buckner, Anthony J.

Harman, Gerald J., Beverly Hills, Calif. Trailer vehicle. 151,235, Oct. 5.

Harper, Philip S., assignor to Harper-Wyman Company, Chicago, Ill. Smoker's stand or the like. 151,236, Oct. 5.

Harper-Wynman Company, assignee: *See*—
Harper, Philip S.

Harris, Kenneth, and O. A. May, Chicago, Ill. Toothbrush. 151,237, Oct. 5.

Harris Manufacturing Company, assignee: *See*—
Inskeep, Oliver M.

Hatch, Arlton N.: *See*—
Clauser, Milton U., and Hatch.

Heintzelman, Leo A., Grand Rapids, Mich. Paring knife. 151,238, Oct. 5.

Herter, Albert H.: *See*—
Zeller, Henry, and Herter.

Hingelberg, Vilhelm, Aarhus, Denmark. Combined tea urn and stand. 151,239, Oct. 5.

Illinois Watch Case Co., assignee: *See*—
King, David M., and Wewetzer, Albert.

Inskeep, Oliver W., assignor to Harris Manufacturing Company, Stockton, Calif. Two-wheel trailer. 151,240, Oct. 5.

International Engraving Machine Corp., assignee: *See*—
Brohawn, Philip J.

Jenks, Albert L., Dixon, assignor to Motorola, Inc., Chicago, Ill. Radio receiver cabinet. 151,241, Oct. 5.

Jones, John E., assignor to James C. Whittaker Co., Inc., Long Beach, Calif. Boat. 151,242, Oct. 5.

Jones, Theodore C., Louisville, Ky. Electrolytic water correction device. 151,243, Oct. 5.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,244, Oct. 5.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 151,245, Oct. 5.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,246, Oct. 5.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,247, Oct. 5.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,248, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,249, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,250, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,251, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 151,252, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,253, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,254, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,255, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,256, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,257, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article 151,258, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 151,259, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,260, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,261, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 151,262, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,263, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 151,264, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 151,265, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 151,266, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,267, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Jewelry finding or similar article. 151,268, Oct. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,269, Oct. 5.
Kaufman, Martin, Minneapolis, Minn. Lounge. 151,270, Oct. 5.
King, David M., Chicago, and A. Wewetzer, Elgin, Ill., assignors to Illinois Watch Case Co. Combined lighter and cigarette case. 151,271, Oct. 5.
Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Towel rack. 151,272, Oct. 5.
Kirchhof, Edward A., Altadena, Calif. Table type refrigerator. 151,273, Oct. 5.
Kirschner, Henry E., St. Joseph, Mo. Hose reel. 151,274, Oct. 5.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Power lawn mower. 151,275, Oct. 5.
Lamb, Hosea, Ponca City, Okla. Fish lure. 151,276, Oct. 5.
Lewis, Lyle L.: *See*—
Shoemaker, Paul E., and Lewis.
Little, John M., Toledo, Ohio, assignor to Westinghouse Electric Corporation. Refrigerator cabinet. 151,277, Oct. 5.
Louis Allis Company, The, assignee: *See*—
Wieseman, Theodore R., and Robinson.
Lucchesi, Jack, Chicago, Ill. Twine holder. 151,278, Oct. 5.
Magnavox Company, The, assignee: *See*—
Stone, Leland G.
Marine Optical Mfg. Co., assignee: *See*—
Ditto, Arthur.
Marrison, Warren A., Maplewood, N. J., and F. M. Thayer, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Desk stand for a hand telephone set. 151,279, Oct. 5.
May, Otto A.: *See*—
Harris, Kenneth, and May.
Merritt, Glenn W., assignor to The Nolan Company, Bowerston, Ohio. Railway car door opener and closer. 151,280, Oct. 5.
Meyer, Swen M., Stockton, Calif. Portable storage chest or similar article. 151,281, Oct. 5.
Middleton, Lois E., Oakland, Calif. Combined spoon and cup measurer. 151,282, Oct. 5.
Miller, Edith J. B., assignor to Associated Products, Inc., Chicago, Ill. Bottle cap. 151,283, Oct. 5.
Mistletoe Children's Products, Inc., assignee: *See*—
Shelton, Irving.
Morris, Richard B., Quincy, Ill. Jig-saw puzzle. 151,284, Oct. 5.
Motorola, Inc., assignee: *See*—
Jenks, Albert L.
Mullins Manufacturing Corporation, assignee: *See*—
Stanitz, Jacques.
Murdock Mfg. & Supply Co., The, assignee: *See*—
Bart, Thomas E.
Nolan Company, The, assignee: *See*—
Merritt, Glenn W.
Nutone, Incorporated, assignee: *See*—
Waltman, Chauncey E.
Packard Motor Car Company, assignee: *See*—
Yaeger, Howard F.
Parker Products Company, assignee: *See*—
Cameron, Paul P.
Pfeffer, David, New York, N. Y. Finger ring mounting 151,285, Oct. 5.
Plainville Stock Company, assignee: *See*—
Weisman, Julius.
Quick Point Pencil Co., assignee: *See*—
Goessling, Gerald A.
Robinson, Russell I.: *See*—
Wieseman, Theodore R., and Robinson.
St. Louis, Andrew H., Utica, N. Y. Oxygen therapy apparatus. 151,286, Oct. 5.
Sanders, Margaret, Pittsburgh, Pa. Combined dining table and writing desk. 151,287, Oct. 5.
Schwarz, Ernst G., New York, N. Y. Pendant charm. 151,288, Oct. 5.
Seeger, Ruth M., Newark, N. J. Articulated pin tray unit. 151,289, Oct. 5.
Shelton, Irving, assignor to Mistletoe Children's Products, Inc., New York, N. Y. Multiple bib. 151,290, Oct. 5.
Shoemaker, Paul E., Los Angeles, and L. L. Lewis, Sherman Oaks, Calif. Dog bed or similar article. 151,291, Oct. 5.
Sight Light Corporation, The, assignee: *See*—
Doane, Leroy C.
Smith, William, New York, N. Y. Toy jack-in-the-box. 151,292, Oct. 5.
Stagner, Hamilton R., St. Louis, Mo. Device for dispensing liquid in sprayed or gaseous form. 151,293, Oct. 5.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bathroom ensemble. 151,294, Oct. 5.
Stanley, George L., Fort Worth, Tex. Sofa bed. 151,295, Oct. 5.
Stone, Leland G., assignor to The Magnavox Company, Fort Wayne, Ind. Radio phonograph cabinet. 151,296, Oct. 5.
Stone, Leland G., assignor to The Magnavox Company, Fort Wayne, Ind. Radio phonograph cabinet. 151,297, Oct. 5.
Sutton, Frank L., Buffalo, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Helicopter. 151,298, Oct. 5.
Swengel, Robert C., York, Pa. Hobby horse. 151,299, Oct. 5.
Thayer, Francis M.: *See*—
Marrison, Warren A., and Thayer.
Thompson, William F., Philadelphia, Pa. Clock. 151,300, Oct. 5.
Tuffo, James A., Boston, Mass. Combined wrist watch and stem guard. 151,301, Oct. 5.
Uydess, Benjamin, New York, N. Y. Bench vise. 151,302, Oct. 5.
Walsh, John J., St. Louis, Mo. Shoe. 151,303, Oct. 5.
Walsh, John J., St. Louis, Mo. Shoe. 151,304, Oct. 5.
Waltman, Chauncey E., assignor to Nutone, Incorporated, Chicago, Ill. Push button. 151,305, Oct. 5.
Weisman, Julius, Providence, R. I., assignor to Plainville Stock Company, Plainville, Mass. Alphabet for forming monograms or the like. 151,306, Oct. 5.
Westinghouse Electric Corporation, assignee: *See*—
Little, John M.
Weston, Alexander S., New York, N. Y. Combined cap and clip for a fountain pen or similar article. 151,307, Oct. 5.
Wewetzer, Albert: *See*—
King, David M., and Wewetzer.
Wieseman, Theodore R., and R. I. Robinson, assignors to The Louis Allis Company, Milwaukee, Wis. Electric motor. 151,308, Oct. 5.
Wittaker, James C., Co., Inc., assignee: *See*—
Jones, John E.
Witte, Samuel A., assignor to Wittle Mfg. & Sales Co., Chicago, Ill. Oscillating electric fan type heater. 151,309, Oct. 5.
Wittle Mfg. & Sales Co., assignee: *See*—
Witte, Samuel A.
Yaeger, Howard F., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle hood ornament or similar article. 151,310, Oct. 5.
Zeller, Henry, and A. H. Herter, Denver, Colo. Exhaust fan. 151,311, Oct. 5.
Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Stirring apparatus. 151,312, Oct. 5.
Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Stirring apparatus. 151,313, Oct. 5.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 5TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

A C F-Brill Motors Company, assignee: *See*—
Flogaus, Howard A.
Achenbach, Charles J., Manitowoc, Wis. Traction shoe attachment for wheels. 2,450,776, Oct. 5.
Adam, Frank, Electric Company, assignee: *See*—
Williams, Floyd C.
Addressograph-Multigraph Corporation, assignee: *See*—
Gruver, John H.
Agriculture, The United States of America as represented by the Secretary of, assignee: *See*—
Dunning, John W., and Lathrop.
Schomer, Harold A.
Aircraft Mechanics Inc., assignee: *See*—
Robins, Jack B.
Airex Manufacturing Company, Inc., assignee: *See*—
Solovioff, Nicholas N., and Kling.
Alabama Textile Engineering Company, Inc., The, assignee: *See*—
West, William H.
Allen, Charles F. H., Rochester, N. Y., and A. Bell, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Sulfamyl-2-mercaptobenzothiazoles. 2,450,777, Oct. 5.
Allied Chemical & Dye Corporation, assignee: *See*—
Poltica, George K.
Weber, Edward.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Higgins, Arthur K.
Allshouse, Harlow E.: *See*—
Buttner, William C., and Allshouse.
Altamura, Mario S., Brooklyn, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Amides from sulfonyl fluorides. 2,450,883, Oct. 5.
American Associated Companies, Inc., assignee: *See*—
Ferguson, Albert G.
American Cyanamid Company, assignee: *See*—
Dean, Russell T., and Hook.
Anderson, Harold W., Scotia, N. Y., assignor to General Electric Company. High-frequency induction heating system. 2,450,623, Oct. 5.
Anderson, Paul, San Antonio, Tex. Centrifugal fan. 2,450,708, Oct. 5.
Angelus Paper Box Company, assignee: *See*—
Barber, Earl.
Aquilino, Frank, New York, N. Y. Arch steel shank. 2,450,624, Oct. 5.
Argus, Incorporated, assignee: *See*—
Leeman, Frederick G.
Arkay Infants Wear, Inc., assignee: *See*—
Buchler, Ernest.
Armour and Company, assignee: *See*—
Potts, Ralph H.
Roundy, Zola D., and Keil.
Armstrong Cork Company, assignee: *See*—
Baymiller, John W.
Associated Development and Research Corporation, assignee: *See*—
Wallach, Robert S.
Bahnson, Agnew H., Jr., Winston-Salem, N. C. Ductless system. 2,450,571, Oct. 5.
Baker, Aaron A., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Lock device for well tools. 2,450,822, Oct. 5.
Baker Oil Tools, Inc., assignee: *See*—
Baker, Aaron A.
Bakker, Jan: *See*—
Gisolf, Jacob H., Kröger, and Bakker.
Baldwin Locomotive Works, The, assignee: *See*—
Hofmann, Richard U.
Ballard, Virgil, Caldwell, Idaho. Decoy. 2,450,572, Oct. 5.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Process for obtaining thiosemicarbazide. 2,450,406, Oct. 5.
Barber, Earl, assignor to Angelus Paper Box Company, Los Angeles, Calif. Folding box. 2,450,573, Oct. 5.
Barnett, Benjamin: *See*—
Vaughan, William E., and Barnett.
Bartgis, James E., Jr., Frederick, Md. Mine. 2,450,407, Oct. 5.
Bastian-Blessing Co., The, assignee: *See*—
Buttner, William C.
Buttner, William C., and Allshouse.
Bauman, John J., Abington, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Humidity control means responsive to movements of a refrigerator door. 2,45,823, Oct. 5.
Bauman, Karl, Mere, Knutsford, assignor to Meetropolitan-Vickers Electrical Company Limited, London, England. Axial flow compressor. 2,45,745, Oct. 5.
Bausch & Lomb Optical Company, assignee: *See*—
Bouchard, Samuel E.
Baymiller, John W., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Textile fiber drafting element. 2,450,408, Oct. 5.
Baymiller, John W., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Roll cover for textile fiber drafting. 2,450,409, Oct. 5.
Baymiller, John W., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Roll cover for textile fiber drafting. 2,450,410, Oct. 5.
Beall, Benjamin S.: *See*—
Boisseau, Alexander C., Beall, Frank, and Lowery.
Beaudin, John P., Montreal, Quebec, Canada. Folding ski. 2,450,538, Oct. 5.
Beecher, John W., assignor to The Bristol Company, Waterbury, Conn. Fluid-pressure-responsive element. 2,450,625, Oct. 5.
Behnke, Albert O., Dayton, Ohio, and C. Kriegel, Wharton, Tex. Plate trimmer control. 2,450,411, Oct. 5.
Beilock, David, New York, N. Y. Toothbrush holder. 2,450,626, Oct. 5.
Bell, Alan: *See*—
Allen, Charles F. H., and Bell.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Brown, John T. L.
Kinkead, Fullerton S., Phelps, Smith, Singer, and Melhuish.
Mason, Warren P.
Beman, Ward W., Glendale, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Aircraft control. 2,450,709, Oct. 5.
Bendix Aviation Corporation, assignee: *See*—
Merritt, George E.
Root, Charles W.
Tognola, Tullio.
Benioff, Hugo, Pasadena, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Device for transmitting and receiving compressional energy. 2,450,412, Oct. 5.
Benioff, Hugo, Pasadena, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Spark transmitter. 2,450,413, Oct. 5.
Benning, Anthony F., Woodstown, N. J., assignor to Kinetic Chemicals, Inc., Wilmington, Del. Distillation process for separating products of chloroform fluorination. 2,450,414, Oct. 5.
Benning, Anthony F., Woodstown, N. J., assignor to Kinetic Chemicals, Inc., Wilmington, Del. Distillation process for separating products of carbon tetrachloride fluorination. 2,450,415, Oct. 5.
Bent, Arthur J., Penn Township, Allegheny County, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Load compensating brake. 2,450,464, Oct. 5.
Berger, Henry G., T. T. Noland, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition and improving agent thereof. 2,450,405, Oct. 5.
Bibb, John T., San Luis Rey, Calif. Draft operated angling mechanism for disk harrows. 2,450,574, Oct. 5.
Biedermann, Robert, assignor to J. R. Geigy A.-G., Basel, Switzerland. Phenoxyphenyl propyl amines. 2,450,497, Oct. 5.
Binkley, Stephen B.: *See*—
Bird, Orson D., and Binkley.
Bird, Orson D., and S. B. Binkley, assignors to Parke, Davis & Company, Detroit, Mich. Obtaining an antianemia vitamin product. 2,450,710, Oct. 5.
Bishop, Richard B.: *See*—
Denton, William I., and Bishop.
Marisic, Milton M., Denton, and Bishop.
Bliss, Lester E., assignor to Eastman Kodak Company, Rochester, N. Y. Safelight filter. 2,450,746, Oct. 5.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of tetrabasic acids. 2,450,627, Oct. 5.
Bludworth, Joseph E., Corpus Christi, Tex., and D. P. Easter, Washington, D. C., assignors to Celanese Corporation of America. Ethers of 1-methylolcyclohexylcyclohexylcarbinol. 2,450,498, Oct. 5.
Boehm, Milos E., assignor to Hughes Tool Company, Houston, Tex. Double seal grip tool joint. 2,450,453, Oct. 5.
Bohn, Paul E.: *See*—
Smith, Vernon C., and Bohn.

Boisseau, Alexander C., Lansdowne, B. S. Beall, Upper Darby, E. J. Frank, Springfield, and R. W. Lowery, Aldan, Pa., assignors to General Electric Company. Circuit breaker operating system. 2,450,628, Oct. 5.

Bolling, Stewart, Cleveland, Ohio. Working rubber. 2,450,575, Oct. 5.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Ultra high frequency magnetron generator. 2,450,629, Oct. 5.

Boonen, Henri M., assignor of one-half to T. J. Melancon, Houma, La. Solder. 2,450,778, Oct. 5.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Process for polymerizing butadiene in aqueous emulsion in the presence of an alkali metal salt of hydroxytetrahydroabietic acid. 2,450,416, Oct. 5.

Bossi, Romeo A., Newton Center, Mass. Universal ray or beam reflecting device. 2,450,417, Oct. 5.

Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Semirimless spectacle mounting. 2,450,711, Oct. 5.

Bourne, Edmund W., Jr., Utica, N. Y. Signal plug for engine failure warning systems. 2,450,630, Oct. 5.

Bradshaw, Robert, assignee: *See*—
Pulver, Harold M.

Brammer, Harry, Leeds, England. Belting. 2,450,576, Oct. 5.

Bratburd, David H., Bayside, N. Y. Adjustable hanger for frames. 2,450,465, Oct. 5.

Bresault, Delphis C., Lowell, Mass. Oil burner. 2,450,418, Oct. 5.

Bristol Company, The, assignee: *See*—
Beecher, John W.

Brock, Joseph L., Arcadia, Calif. Dolly wheel plate. 2,450,539, Oct. 5.

Brown, Anthony G., Lakewood, assignor by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Electrical coil tester. 2,450,577, Oct. 5.

Brown, Charles F., Bethany, W. Va., assignor to United States Rubber Company, New York, N. Y. Preparation of aqueous dispersions of synthetic rubbers. 2,450,578, Oct. 5.

Brown, Charles F., Bethany, W. Va., assignor to United States Rubber Company, New York, N. Y. Preparation of aqueous dispersions of synthetic rubbers. 2,450,579, Oct. 5.

Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit maker and breaker. 2,450,499, Oct. 5.

Brown, Leo H., Glenville, Conn. Multiple reticle collimating gun sight. 2,450,712, Oct. 5.

Brozek, Lawrence, Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,450,779, Oct. 5.

Brunsing, Rex. L., San Francisco, Calif. Refrigerating system using dry ice and including a secondary heat exchange circuit. 2,450,713, Oct. 5.

Buchler, Ernest, Sunnyside, Long Island, assignor to Arkay Infants Wear, Inc., New York, N. Y. Garment. 2,450,631, Oct. 5.

Bucklen, Herbert E., III, assignor to Durakool, Inc., Elkhart, Ind. Electrode mounting means for mercury switches and relays. 2,450,780, Oct. 5.

Buggie, H. H., & Company, assignee: *See*—
Sprigg, Edward A.

Burney, Donald E.: *See*—
D'Ouville, Edmond L., and Burney.

Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Liquefied gas dispensing apparatus. 2,450,824, Oct. 5.

Buttner, William C., Winnetka, and H. E. Allshouse, assignors to The Bastian-Blessing Co., Chicago, Ill. Carbonated water dispenser. 2,450,825, Oct. 5.

Caldwell, Hamilton P., Jr., and H. D. Chapman, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,832, Oct. 5.

Caldwell, Lyle, assignee: *See*—
Greentree, Alexander.

California Research Corporation, assignee: *See*—
Clayton, James O.

Callaway, Clarence R., New York, N. Y., and F. R. Dunn, Little Ferry, N. J., assignors to Motor Economy Products, Inc., New York, N. Y. Crankcase ventilating apparatus. 2,450,864, Oct. 5.

Campbell, Garrett E., Modesto, Calif. Ironing cord holder. 2,450,714, Oct. 5.

Campbell, Willard S., assignor to M & C Conveyors, Inc., Chicago, Ill. Milk sampler. 2,450,715, Oct. 5.

Canada Trust Company, The, executrix: *See*—
Wilkinson, George H.

Cantley, Joseph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bomb rack magazine with release mechanism. 2,450,540, Oct. 5.

Capitan, Joseph J., assignee: *See*—
Whiteley, Arlie E.

Cardox Corporation, assignee: *See*—
Williamson, Hilding V.

Carey, Leroy J.: *See*—
Galley, John H., and Carey.

Carlson, J. A., Edwin, assignor to Jacobsen Manufacturing Company, Racine, Wis. Lawn mower. 2,450,849, Oct. 5.

Carlson, Richard, Hamilton, Mont. Telescope mounting for guns. 2,450,466, Oct. 5.

Carlson, Swan O., Paton, Iowa. Air pressure water system. 2,450,781, Oct. 5.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Harris, Elmer F.

Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing nitraniline sulfonic acids. 2,450,747, Oct. 5.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsion supersensitized with a c-acyloxy quinoline base. 2,450,748, Oct. 5.

Cascia, Angelo, Bronx, N. Y. Blindlike shade. 2,450,782, Oct. 5.

Cassidy, John H., and R. M. Grunden, assignors to The Hinde & Dauch Paper Company, Sandusky, Ohio. Compartmented container. 2,450,419, Oct. 5.

Celanese Corporation of America, assignee: *See*—
Bludworth, Joseph E., and Easter.

Celotex Corporation, The, assignee: *See*—
Muench, Carl G.

Chandler, Milton E., New Britain, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus for internal-combustion engines. 2,450,826, Oct. 5.

Chapman, Harold D.: *See*—
Caldwell, Hamilton P., Jr., and Chapman.

Chase, Ernest E., E. S. Nokes, and F. E. Stratton, Beverly, and W. V. Goodhue, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Armed turret. 2,450,541, Oct. 5.

Chemical Developments Corporation, assignee: *See*—
Drummond, Folsom E.
Velten, Edmund M.

Chittick, Charles Y., Waban, Mass. Kitchen utensil. 2,450,716, Oct. 5.

Clare, Mabel K., assignee: *See*—
Clare, Martin L.

Clare, Mabel K., executrix: *See*—
Clare, Martin L.

Clare, Martin L., deceased, Appollo, Pa.; M. K. Clare, executrix, assignor to M. K. Clare. Folding table. 2,450,827, Oct. 5.

Clark, Alfred, Bartlesville, Okla., assignor to Phillips Petroleum Company. Synthesis of hydrocarbons. 2,450,500, Oct. 5.

Clark, Charles L., Brockway, Pa. Polarized house wiring receptacle and plug. 2,450,467, Oct. 5.

Clark, Donald H., Stockton, Calif. Garden tractor. 2,450,749, Oct. 5.

Clarkson, John L., Nashville, Ill. Conveyer chain. 2,450,501, Oct. 5.

Clayton, James O., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Compounded oil. 2,450,633, Oct. 5.

Cline, Cranmore W., United States Navy, Jacksonville, Fla. Variable pitch impeller. 2,450,420, Oct. 5.

Codman, F. L. & J. C., assignee: *See*—
Ogden, Floyd H.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,850, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,851, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,852, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,853, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,854, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,855, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,856, Oct. 5.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,450,857, Oct. 5.

Coles, Harold W., Rochester, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Recovering dextrins from stillage sirup. 2,450,717, Oct. 5.

Collins, Henry H., Bryn Mawr, Pa. Combination headrest and backrest in a beach or lawn chair. 2,450,783, Oct. 5.

Colombu, Eugène: *See*—
De Lacotte, Robert H., and Colombu.

Commonwealth Engineering Company, of Ohio, The, assignee: *See*—
Fisher, John R., Jr.

Comptoir Des Textiles Artificiels, assignee: *See*—
De Lacotte, Robert H., and Colombu.

Consolidated Engineering Corporation, assignee: *See*—
Washburn, Harold W.

Consolidated Mining and Smelting Company, of Canada, Limited, The, assignee: *See*—
Legeçe, Robert, and Jones.

Consolidated Vultee Aircraft Corporation, assignee: *See*—
Havens, Glenn G.

Continental Can Company, Inc., assignee: *See*—
Goldsworthy, Norman H.
Kronquest, Alfred L.

Conveyor and Machinery Manufacturers, assignee: *See*—
Herrmann, John G.

Conzelman, John E., Jr., assignor to Solar Aircraft Company, San Diego, Calif. Tube bender. 2,450,580, Oct. 5.

Cornelius, Richard T., Minneapolis, Minn. Motor-driven compressor. 2,450,468, Oct. 5.

Corning Glass Works, assignee: *See*—
Hyde, James F.

Couty, Norman M., Detroit, Mich., assignor, by mesne assignments, to The Flex-O-Tube Company, Chicago, Ill. Swivel connection. 2,450,581, Oct. 5.

Coyle, Lyof M., Babakin, Western Australia, Australia. Spring type toolholder. 2,450,582, Oct. 5.

Crane, Carl J., Dayton, Ohio. Apparatus for simulating wind effects in aviation ground trainers. 2,450,421, Oct. 5.

Crompton & Knowles Loom Works, assignee: *See*—
Dion, Raymond F.
Palmer, Albert, and Sepavich.
Schedin, Robert S.
Sepavich, Victor F., and Kronoff.

Crown Cork & Seal Company, Inc., assignee: *See*—
Glock, Charles E.

Crozier, Alva H., Cheyenne, Wyo. Seed potato cutter, including an endless conveyer feeding to a stationary cutter. 2,450,583, Oct. 5.

Culdice, Charles W., Wentworth, Wis. Nonhide cutting fleshing tool. 2,450,502, Oct. 5.

Cutler-Hammer, Inc., assignee: *See*—
Kuhn, Clarence W.

Daiger, George P.: *See*—
Troxler, Charles G., and Daiger.

Darnell, Victor L., Centerville, assignor to The Master Electric Company, Dayton, Ohio. Hoist. 2,450,718, Oct. 5.

Davis, Lee Y., Atlanta, Ga. Horse collar. 2,450,719, Oct. 5.

Davis, Orris L.: *See*—
Nixon, Alan C., and Davis.

Dean, Russell T., Stamford, and E. O. Hook, Darien, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of thiodihydracrylic acids. 2,450,634, Oct. 5.

De Lacotte, Robert H., and E. Colombu, Paris, France, assignors to Comptoir Des Textiles Artificiels. Spinning bath tank. 2,450,750, Oct. 5.

De Martin, Anthony E., Derby, Conn. Radius tool. 2,450,469, Oct. 5.

Dembenski, Joseph B., Nanticoke, Pa. Sanitary dental floss holder. 2,450,635, Oct. 5.

Denton, William I.: *See*—
Marisic, Milton M., Denton, and Bishop.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,636, Oct. 5.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,637, Oct. 5.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,638, Oct. 5.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of aromatic nitriles. 2,450,639, Oct. 5.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,640, Oct. 5.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,641, Oct. 5.

Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,642, Oct. 5.

De Vaney, Fred D., assignor to Erie Mining Company, Hibbing, Minn. Froth flotation of siliceous gangue from an alkaline magnetic iron ore pulp with an amine. 2,450,720, Oct. 5.

Diebold, Incorporated, assignee: *See*—
Magaw, Ronald R., and Miller.

Diessel, Anton E., assignor to International Shoe Company, St. Louis, Mo. Shoe machine. 2,450,643, Oct. 5.

Dion, Raymond F., Leominster, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electronically controlled motor-driven loom letoff. 2,450,470, Oct. 5.

Ditsler, Walter H., Columbus, Nebr. Wheeled scooping device. 2,450,721, Oct. 5.

Dodge, Lysander H., Huntington Beach, Calif. Flashlight attachment for small arms. 2,450,584, Oct. 5.

Donaldson, Jack D., Tacoma, Wash. Maximum load indicating gauge. 2,450,644, Oct. 5.

Dorkin, Jess J., Brooklyn, N. Y. Necktie forming device. 2,450,471, Oct. 5.

D'Ouville, Edmond L., Chicago, Ill., and D. E. Burney, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Sulfonation process. 2,450,585, Oct. 5.

Dow Chemical Company, The, assignee: *See*—
Dreisbach, Robert R., and Heusted.
McIntire, Otis R.
Robinson, Harold A.

Doyle, Frank B., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Freezing food. 2,450,645, Oct. 5.

Dreisbach, Robert R., and G. B. Heusted, assignors to The Dow Chemical Company, Midland, Mich. Making methyl hydroxy-isopropyl keton. 2,450,646, Oct. 5.

Drije, Miles, Berwyn, Ill. Bracket. 2,450,722, Oct. 5.

Drummond, Folsom E., Westfield, N. J., assignor to Chemical Developments Corporation, Dayton, Ohio. Forming plastic coating compositions on surfaces. 2,450,503, Oct. 5.

Duffin, Walter M., Dartford, and S. Wilkinson, Beckenham, England, assignors to Therapeutic Research Corporation of Great Britain, Limited. Resolution of N-formylisopropylidene-penicillamine. 2,450,784, Oct. 5.

Dunham, Le Roy S., East Orange, and E. O. Jegge, Glen Ridge, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Alkaline primary battery. 2,450,472, Oct. 5.

Dunn, Frank R.: *See*—
Callaway, Clarence R., and Dunn.

Dunning, John W., and E. C. Lathrop, Peoria, Ill., assignors to The United States of America as represented by the Secretary of Agriculture. Saccharifying plant materials. 2,450,586, Oct. 5.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Flenner, Albert L.

Durakool, Inc., assignee: *See*—
Bucklen, Herbert E., III.

Eagle-Picher Company, The, assignee: *See*—
Harner, Harold R., Lindemuth, and Jones.

Easter, Donald P.: *See*—
Bludworth, Joseph E., and Easter.

Eastman Kodak Company, assignee: *See*—
Allen, Charles F. H., and Bell.
Bliss, Lester E.
Carroll, Burt H.
Elwood, Calvin A.
Hagemeyer, Hugh J., Jr.
Hutchison, Miller R., Jr.
MacNeille, Stephen M.

Edison, Thomas A., Incorporated, assignee: *See*—
Dunham, Le Roy S., and Jegge.

Elastic Stop Nut Corporation of America, assignee: *See*—
Sauer, John A.

Elgersma, Alta M., assignee: *See*—
Elgersma, Theodore M.

Elgersma, Theodore M., assignor of one-half to A. M. Elgersma, Fresno, Calif. Poultry bit. 2,450,587, Oct. 5.

Elks, William J., United States Navy. Dynamoelectric machine mount. 2,450,422, Oct. 5.

Elrad, William R., University Heights, Ohio. Bed rail blank. 2,450,723, Oct. 5.

Elwood, Calvin A., assignor to Eastman Kodak Company, Rochester, N. Y. Constant flow pump. 2,450,751, Oct. 5.

Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Binding. 2,450,785, Oct. 5.

Eppich, Elizabeth, Cleveland, Ohio. Hair curler. 2,450,542, Oct. 5.

Erie Mining Company, assignee: *See*—
De Vaney, Fred D.

Erskine, Robert A.: *See*—
Lane, Albert M., Kirkpatrick, and Erskine.

Essick, Bryant, Los Angeles, Calif. Blower. 2,450,647, Oct. 5.

Evering, Bernard L., Chicago, Ill., A. P. Lien, Hammond, Ind., and J. M. Page, Jr., assignors to Standard Oil Company, Chicago, Ill. Desulfurization of oils. 2,450,588, Oct. 5.

Faber, Ralph L., assignee: *See*—
Lomasney, Edmond P.

Factory Mutual Research Corporation, assignee: *See*—
Thompson, Norman J.

Falconbridge Nickel Mines, Limited, assignee: *See*—
Gronningsaeter, Anton M. and Hemmeren.

Falk, Charles T.: *See*—
Falk, Joseph M., and C. T.

Falk, Joseph M. and C. T., Kansas City, Mo. Top-stiffening tie bar for open-top trucks. 2,450,589, Oct. 5.

Fallon, Thomas F.: *See*—
Reinhardt, Otto K., and Fallon.

Farrell, Joseph K. O., London, England. Curler. 2,450,752, Oct. 5.

Farson, Ernest G., Xenia, Ohio. Screw driver having removable ratchet grip. 2,450,504, Oct. 5.

Felzer, Joseph, Los Angeles, Calif. Vehicle lift. 2,450,648, Oct. 5.

Ferguson, Albert G., Houston, Tex., assignor to American Associated Companies, Inc., Atlanta, Ga. Wall covering and applying same. 2,450,786, Oct. 5.

Fidao, Maxine C., assignee, trustee, et al.: *See*—
Robinson, William B., and Swenson.

Finch, William G. H., Newtown, Conn. Facsimile synchronizing system. 2,450,649, Oct. 5.

Fisher, John R., Jr., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Dry-cleaning emulsion. 2,450,505, Oct. 5.

Fitzpatrick, J. D., and L. D. Myers, Cincinnati, Ohio. Oxidizing unsaturated fatty bodies. 2,450,858, Oct. 5.

Fleming, Howard M., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Crawl carry mechanism. 2,450,787, Oct. 5.

Flenner, Albert L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Herbicidal composition. 2,450,543, Oct. 5.

Flex-O-Tube Company, The, assignee: *See*—
Couty, Norman M.

Flogaus, Howard A., Wallingford, Pa., assignor to A C F-Brill Motors Company, New York, N. Y. Vehicle suspension. 2,450,506, Oct. 5.

Flogaus, Howard A., Wallingford, Pa., assignor to A C F-Brill Motors Company, New York, N. Y. Vehicle wheel. 2,450,507, Oct. 5.

Flowers, Leola W.: *See*—
Flowers, Ralph G. and L. W.

Flowers, Ralph G. and L. W., Pittsfield, Mass., assignors to General Electric Company. Electric capacitor. 2,450,650, Oct. 5.

Focht, Carl W., South Williamsport, Pa., assignor of one-half to The Valley National Bank of Phoenix, Phoenix, Ariz. Lens marking gauge. 2,450,651, Oct. 5.

Foley, Charles F., Bloomington, Ill., assignor to Eureka Williams Corporation. Bag coupling. 2,450,544, Oct. 5.

Foster, Harry K., Pittsburgh, Pa. Baton. 2,450,545, Oct. 5.

Foster, Theodore, assignor to The Monarch Machine Tool Company, Sidney, Ohio. Lathe attachment. 2,450,788, Oct. 5.

Fowler, Arthur H.: *See*—
Vokes, Cecil G., and Fowler.

Francis, Alfred W., Woodbury, and C. H. Schlesman, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Alkyl benzenes. 2,450,652, Oct. 5.

Frank, Edward J.: *See*—
Boisseau, Alexander C., Beall, Frank, and Lowery.

Fraser, John W., Detroit, Mich., and L. Gordon, Eatontown, N. J. Terminal structure. 2,450,423, Oct. 5.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Co. Moldable reaction products of sulfur dioxide and olefins. 2,450,424, Oct. 5.

Frieman, Jocob G., Tiffin, Ohio. Sanitary garment. 2,450,789, Oct. 5.

Frisby, Frank D., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Retaining ring. 2,450,425, Oct. 5.

Frye, Jack, Broomfield, Abbots Langley, England. Milling machine control gear. 2,450,546, Oct. 5.

Fuller, Everett E.: *See*—
Berger, Henry G., Noland, and Fuller.

Fullman, James B.: *See*—
Thompson, George J., Koester, Jr., and Fullman.

Galley, John H., Los Angeles, Calif., and L. J. Carey, assignors to The Marquette Metal Products Company, Cleveland, Ohio. Reciprocating expansible chamber windshield wiper motor with shaft operated snap action distributing valve plungers. 2,450,653, Oct. 5.

Gaylor, Peter J., Union County, N. J. Continuous process for making solid polymer. 2,450,547, Oct. 5.

Geigy, J. R., A.-G., assignee: *See*—
Biedermann, Robert.

General Binding Corporation, assignee: *See*—
Emmer, Charles E.

General Electric Company, assignee: *See*—
Anderson, Harold W.
Boisseau, Alexander C., Beall, Frank, and Lowery.
Bondley, Ralph J.
Flowers, Ralph G. and L. W.
Gisolf, Jacob H., Kröger, and Bakker.
Jones, Ray D.
Northlander, Birger W.
Thomas, Charles A.

General Electric Company, Limited, The, assignee: *See*—
Stenning, Luis C.

General Motors Corporation, assignee: *See*—
Stevens, Clarence C.

General Tire & Rubber Company, The, assignee: *See*—
Te Grotenhuis, Theodore A.

Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Converter for suction cleaners. 2,450,828, Oct. 5.

Gilbert, A. C., Company, The, assignee: *See*—
Smith, William R.

Gisolf, Jacob H., F. A. Kröger, and J. Bakker, Eindhoven, Netherlands, assignors to General Electric Company, Schenectady, N. Y. Erythemal phosphor. 2,450,548, Oct. 5.

Gleitman, Harold, New Rochelle, and D. Hoenig, St. Albans, N. Y., said Hoenig assignor to said Gleitman. Automatic adjustable chair. 2,450,654, Oct. 5.

Glock, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Tin plate treatment. 2,450,508, Oct. 5.

Glock, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Tin plate treatment. 2,450,509, Oct. 5.

Goldie, Hector E., assignor to Rubenstein Bros. Company, Montreal, Quebec, Canada. Abrading device. 2,450,473, Oct. 5.

Goldsworthy, Norman H., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Spot welding metal keys to metal can ends. 2,450,655, Oct. 5.

Goodhue, William V.: *See*—
Chase, Ernest E., Nokes, Stratton, and Goodhue.

Goodrich, B. F., Company, The, assignee: *See*—
Wilson, Matthew W.

Goodyear Corporation, assignee: *See*—
Wiseberger, Paul M.

Gordon, Louis: *See*—
Fraser, John W., and Gordon.

Gowland, John P., Woking, England. Printing appliance. 2,450,656, Oct. 5.

Gradex, Inc., assignee: *See*—
Moore, Milford B.

Greaves, Albert H., London, assignor of forty per cent to R. V. Short, Haxby, England. Gas burner. 2,450,790, Oct. 5.

Greentree, Alexander, Paulsboro, N. J., assignor, by mesne assignments, to L. Caldwell, Los Angeles, Calif. Decolorizing vegetable oils with ferric salts and silicates. 2,450,549, Oct. 5.

Griffin, John B., Oakville, and A. W. Hagan, Stratford, Conn., assignors to United States Rubber Company, New York, N. Y. Locking slider for slide fasteners. 2,450,550, Oct. 5.

Grobner, Walter, Wallington, N. J., assignor to Botany Worsted Mills. Making practice golf balls. 2,450,474, Oct. 5.

Gronningsaeter, Anton M., New York, N. Y., and B. G. Hommeren, Kristiansand S., Norway, assignors to Falconbridge Nickel Mines, Limited, Toronto, Ontario, Canada. Electrolytic refining of nickel. 2,450,426, Oct. 5.

Grote, Henry W., Downers Grove, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of sulfur containing hydrocarbons. 2,450,724, Oct. 5.

Grunden, Reed M.: *See*—
Cassidy, John H., and Grunden.

Gruver, John H., East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Embossing machine carriage. 2,450,725, Oct. 5.

Gruver, John H., East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Margin stop mechanism for embossing machine carriages. 2,450,726, Oct. 5.

Guernsey, Max M., Steilacoom, Wash. Electric plug. 2,450,657, Apr. 5.

Gulf Research & Development Company, assignee: *See*—
McCarthy, Paul R.

Gullo, Frank C., Cupertino, Calif. Fruit drier. 2,450,590, Oct. 5.

Guyer, Jesse A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus and process for hydrocarbon conversion. 2,450,753, Apr. 5.

Hagan, Albert W.: *See*—
Griffin, John B., and Hagan.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing enol acetates of alpha-diketones. 2,450,754, Oct. 5.

Hagen, Arthur H., Globe, Ariz. Pliers with link connected handle and jaw. 2,450,791, Oct. 5.

Hall, Elisha W., Scituate, Mass. Abrading element. 2,450,792, Oct. 5.

Hall, Elisha W., Scituate, Mass. Abrading element. 2,450,793, Oct. 5.

Halpert, Percy, Hempstead, N. Y., assignor to The Sperry Corporation. Servo units for automatic pilots. 2,450,427, Oct. 5.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Gas discharge oscillator. 2,450,475, Oct. 5.

Hansford, Rowland C.: *See*—
Rasmussen, Herbert E., and Hansford.

Hansford, Rowland C., and H. E. Rasmussen, Woodbury, N. J., C. G. Myers, Bryn Mawr, Pa., and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of thiophene. 2,450,658, Oct. 5.

Hansford, Rowland C., H. E. Rasmussen, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Sulfur and hydrocarbon reactions and products. 2,450,659, Oct. 5.

Hanson, Peter P., Pocahontas, Iowa. Milk can strainer accommodating attachment. 2,450,510, Oct. 5.

Hardy, Gordon W., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Forming propeller hubs. 2,450,660, Oct. 5.

Harner, Harold R., R. L. Lindemuth, and A. L. Jones, Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio. Apparatus for diverting mineral wool from blow rooms. 2,450,511, Oct. 5.

Harrington, Joseph, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fire control mechanism for guns. 2,450,551, Oct. 5.

Harris, Carl C., Orange, Mass. One-piece wooden body pencil. 2,450,476, Oct. 5.

Harris, Elmer F., Birmingham, Ala., assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation. Electrodeposition of tin. 2,450,794, Oct. 5.

Harris, Elmer F., Birmingham, Ala., assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation. Electrodeposition of tin. 2,450,795, Oct. 5.

Hartford National Bank and Trust Company, trustee, assignee: *See*—
Klinkhamer, Hendrik A. W.
Levialdi, Andrea.
Snijders, Marcus J.
Unk, Jacob M.

Haushalter, Fred L., Pontiac, Mich. Resiliently mounting a roll on a shaft. 2,450,727, Oct. 5.

Havens, Glenn G., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Linkage for artificial legs. 2,450,728, Oct. 5.

Hawkinson, Roy E., Bloomfield Hills, Mich. Dental impression accessory. 2,450,591, Oct. 5.

Hayes, Charles H., Dearborn, Mich. Checkered game board. 2,450,829, Oct. 5.

Hazelett, Clarence W., Greenwich, Conn. Strip forming apparatus. 2,450,428, Oct. 5.

Heimark, Harold M., Oak Park, Ill. Weed guard for fish-hooks. 2,450,796, Oct. 5.

Heinrich, August H., Euclid, Ohio, assignor to Thompson Products, Inc. Apparatus for removal of annular scratches. 2,450,797, Oct. 5.

Heinss, Arthur F., Cincinnati, Ohio. Wrecking truck boom support. 2,450,798, Oct. 5.

Helberg, Edwin W., Chicago, and V. C. Helberg, Evergreen Park, Ill. Pea shooter. 2,450,830, Oct. 5.

Helberg, Vernon C.: *See*—
Helberg, Edwin W. and V. C.

Helbig, Hugo, Racine, Wis. Cam-teeth actuated vise. 2,450,799, Oct. 5.

Helwig, William F., West Allis, Wis. Garment hanger. 2,450,512, Oct. 5.

Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical cord. 2,450,429, Oct. 5.

Hercules Powder Company, assignee: *See*—
Borglin, Joseph N.

Herman, Kenneth R., Franklin, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,450,729, Oct. 5.

Herrmann, John G., Baldwin, assignor to Conveyor and Machinery Manufacturers, Inc., New York, N. Y. Confectionery coating apparatus. 2,450,661, Oct. 5.

Heusted, George B.: *See*—
Dreisbach, Robert R., and Heusted.

Higgins, Arthur K., Waukesha, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Centrifugal casting. 2,450,755, Oct. 5.

Hight, James L., Dayton, Ohio. Oxygen connection locking member. 2,450,430, Oct. 5.

Hinde & Dauch Paper Company, The, assignee: *See*—
Cassidy, John H., and Grunden.

Hoenig, Daniel: *See*—
Gleitsman, Harold, and Hoenig.

Hofmann, Richard U., Rye, N. Y., assignor, by mesne assignments, to The Baldwin Locomotive Works. Impact testing machine. 2,450,662, Oct. 5.

Hohwart, Ernest F.: *See*—
Hohwart, George and E. F.

Hohwart, George and E. F., Detroit, assignors to N. A. Woodworth Company, Ferndale, Mich.. Diaphragm chuck. 2,450,800, Oct. 5.

Holberg, Arnold J., El Dorado, Ark., assignor to Lion Oil Company. Air-blown asphalt and catalytic preparation thereof. 2,450,756, Oct. 5.

Hommeren, Bertin G.: *See*—
Gronningsaeter, Anton, Martin, and Hommeren.

Hook, Edwin O.: *See*—
Dean, Russell T., and Hook.

Hoover Company, The, assignee: *See*—
Gerber, Dale C.
Troxler, Charles G., and Daiger.
White, Harry B.

Hord, Guy, Marion, Ohio. Post and insulator for electric fences. 2,450,730, Oct. 5.

Hormes, William T., Catonsville, Md. Disappearing door structure. 2,450,593, Oct. 5.

Horwath, Theodore J., Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Binding attachment for sewing machines. 2,450,663, Oct. 5.

Houdry Process Corporation, assignee: *See*—
Milliken, Thomas H., Jr.

Howison, Robert J., Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y. Stamped chain connector. 2,450,592, Oct. 5.

Hubbell, Dean S., Sharpsburg, assignor to H. H. Robertson Company, Pittsburgh, Pa. Sorel cement. 2,450,513, Oct. 5.

Huber, J. M., Corporation, assignee: *See*—
Voet, Andries.

Huff, Harold I., Los Angeles, Calif. Carbon alignment device for arc lamps. 2,450,477, Oct. 5.

Hughes Tool Company, assignee: *See*—
Boehm, Miles E.
Scott, Floyd L.

Humlegard, Karl G., Washington, D. C., Ski binding. 2,450,514, Oct. 5.

Hunt, Scott F., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Carburetor. 2,450,831, Oct. 5.

Hurd Corporation, assignee: *See*—
Zahm, George G.

Hurdis, Everett C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Controlling polymerization of polyhydric alcohol esters of alpha-olefinic dicarboxylic acids with ethylenic monomers. 2,450,552, Oct. 5.

Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Combined carrying case and projection unit. 2,450,757, Oct. 5.

Huye, Charlotte, et al., legatees: *See*—
Huye, Joseph G.

Huye, Joseph G., deceased; C. and M. Huye, legatees by judgment of possession, assignors to Huye Space Saving Box System, Inc., New Orleans, La. Composite partitioning and spacing element and combination thereof with a container. 2,450,801, Oct. 5.

Huye, Merle, et al., legatees: *See*—
Huye, Joseph G.

Huye Space Saving Box System, Inc., assignee: *See*—
Huye, Joseph G.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organo-siloxanes and methods of preparing them. 2,450,594, Oct. 5.

Ifield, Richard J.: *See*—
Watson, Ernest A., and Ifield.

Ingersoll-Rand Company, assignee: *See*—
Doyle, Frank B.
Loss, Isidor R.

International Shoe Company, assignee: *See*—
Diessel, Anton E.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Brown, Anthony G.

Jacobsen Manufacturing Company, assignee: *See*—
Carlson, J. A. E.

Jeffrey Company, The, assignee: *See*—
Lindsay, James R.

Jeffrey Manufacturing Company, The, assignee: *See*—
Stevenson, Robert W.

Jegge, Ernest O.: *See*—
Dunham, Le Roy S., and Jegge.

Johnson, Ernest W., Birmingham, assignor to Vandervell Products Limited, London, England. Shock absorber. 2,450,731, Oct. 5.

Johnson, Ethyel H., executrix: *See*—
Johnson, John.

Johnson, John, deceased, by E. H. Johnson, executrix, assignor to J. E. Johnson, Morristown, N. J. Mixer. 2,450,802, Oct. 5.

Johnson, John E., assignee: *See*—
Johnson, John.

Johnson, Paul A., Kansas City, Mo. Automatic electric fluid heating and cooling system. 2,450,478, Oct. 5.

Johnson, Paul P., Willoughby, Ohio, assignor to Thompson Products, Inc. Making sheathed valves. 2,450,803, Oct. 5.

Jones, Alex, Lyman, S. C. Fire net for buildings. 2,450,595, Oct. 5.

Jones, Alton L.: *See*—
Harner, Harold R., Lindemuth, and Jones.

Jones, Edward L.: *See*—
Lepsoe, Robert, and Jones.

Jones, Ray D., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine. 2,450,664, Oct. 5.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fuse setting mechanism for guns. 2,450,553, Oct. 5.

Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Instrument positioning device. 2,450,554, Oct. 5.

Joy Manufacturing Company, assignee: *See*—
Wineman, Wade H.

Jutte, William B., Los Angeles, Calif. Concave hydroplane hull. 2,450,665, Oct. 5.

Kais, Achille, Detroit, Mich. Reversible rack and pawl jack. 2,450,596, Oct. 5.

Kamborian, Jacob S., West Newton, Mass. Footwear and method of making it. 2,450,666, Oct. 5.

Kamborian, Jacob S., West Newton, Mass. Method of and apparatus for use in lasting footwear. 2,450,667, Oct. 5.

Karnowski, John B., Detroit, Mich. Earthworm disgorging device. 2,450,597, Oct. 5.

Keil, Havard L.: *See*—
Roundy, Zola D., and Keil.

Kelley-Koett Manufacturing Company, The, assignee: *See*—
Sussin, David.

Kendall, Opces V., Elkhart, Ind. Folding breakfast nook. 2,450,515, Oct. 5.

Kerr, Cornelius W., Panama City, Fla. Bicycle. 2,450,598, Oct. 5.

Keeling, Elmer G., Bloomfield, Mo. Calculator. 2,450,668, Oct. 5.

Kinetic Chemicals, Inc., assignee: *See*—
Benning, Anthony F.

Kinkead, Fullerton S., deceased, New York, by R. S. Kinkead, administratrix, Trudeau, N. Y., W. A. Phelps, Madison, E. M. Smith, Montclair, N. J., and F. J. Singer, Rockville Centre, N. Y., and L. E. Melhuish, Glen Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telemetric data transmission system. 2,450,516, Oct. 5.

Kinkead, Rita S., administratrix: *See*—
Kinkead, Fullerton S., Phelps, Smith, Singer, and Melhuish.

Kirkpatrick, Kingston V.: *See*—
Lane, Albert M., Kirkpatrick, and Erskine.

Kishline, Floyd F.: *See*—
Wahlberg, Nils E., and Kishline.

Kling, Nelson O.: *See*—
Solovioff, Nicholas N., and Kling.

Klinkhamer, Hendrik A. W., Eindhoven, Netherlands, assignor, by mesne assignments to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Movable magnetic shunt transformer. 2,450,732, Oct. 5.

Kloda, Stella A., Chicago, Ill. Sprayer for dehydrating apparatus. 2,450,599, Oct. 5.

Koester, George L., Jr.: *See*—
Thompson, George J., Koester, Jr., and Fullman.

Koones, Harold F., Clifton, N. J., assignor to S. B. Penick & Company, New York, N. Y. Extraction of rutin. 2,450,555, Oct. 5.

Koppel, Aubrey, Montreal, Quebec, Canada. Motion picture film reel. 2,450,517, Oct. 5.

Kriegel, Charles: *See*—
Behnke, Albert O., and Kriegel.

Kröger, Ferdinand A.: *See*—
Gisolf, Jacob H., and Kröger, and Bakker.

Kronoff, Clarence R.: *See*—
Sepavich, Victor F., and Kronoff.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for deoxidizing metal sheet edge portions. 2,450,669, Oct. 5.

Kuhlman, Theodore C., Detroit, Mich. Centrifugal casting. 2,450,832, Oct. 5.

Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Overload protective device. 2,450,600, Oct. 5.

Laiho, Jalmer M.: *See*—
Siefert, Anne, and Laiho.

Laird, Wilbur G., Pleasantville, N. Y. Floating roof tank and piping therefor. 2,450,758, Oct. 5.

Lambach, Fritz, Tenafly, N. J. Beaming or warping machine. 2,450,431, Oct. 5.

Lane, Albert M., K. V. Kirkpatrick, and R. A. Erskine, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,450,733, Oct. 5.

Lazar, William, Los Angeles, Calif. Reciprocating carriage for endless band meat cutting machines. 2,450,601, Oct. 5.

Lathrop, Elbert C.: *See*—
Dunning, John W., and Lathrop.

Leake, James M., Monroe, Mich. Engine rocker arm. 2,450,556, Oct. 5.

Lee, Leighton, II, Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Charge forming device. 2,450,833, Oct. 5.

Lee, Leighton, II, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus for internal-combustion engines. 2,450,834, Oct. 5.

Lee, Leighton, II, Rocky Hill, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Indicating apparatus. 2,450,835, Oct. 5.

Leech, Wilson S., Chappaqua, N. Y. Display device. 2,450,759, Oct. 5.

Leeman, Frederick G., assignor to Argus, Incorporated, Ann Arbor, Mich. Lens polishing. 2,450,433, Oct. 5.

Lehrman, Harry, Brooklyn, N. Y. Pallet. 2,450,432, Oct. 5.

Lepsoe, Robert, and E. L. Jones, Trail, British Columbia, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Filter. 2,450,865, Oct. 5.

Levenson, Bennett H., assignee, et al.: *See*—
McGillicuddy, Addeline J.

Levialdi, Andres, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn. Thermionic discharge tube with electronic velocity filter. 2,450,602, Oct. 5.

Levy, Sylvan N. and W. B., Wilmington, Del. Hearth tile. 2,450,836, Oct. 5.

Levy, William B.: *See*—
Levy, Sylvan N. and W. B.

Libbey-Owens-Ford Glass Company, assignee: *See*—
Colbert, William H., and Weinrich.

Lien, Arthur P.: *See*—
Evering, Bernard L., Lien, and Page.

Lindemuth, Ralph L.: *See*—
Harner, Harold R., Lindemuth, and Jones.

Lindsay, James R., Bexley, Ohio, assignor to The Jeffrey Company. Electrical control circuit for indicating movements of position indicators. 2,450,479, Oct. 5.

Link, George, Jr., assignee, trustee, et al.: *See*—
Robinson, William B., and Swenson.

Lion Oil Company, assignee: *See*—
Holberg, Arnold J.

Lister, Alexander M., Philadelphia, Pa. Air heater for castings. 2,450,518, Oct. 5.

Lockheed Aircraft Corporation, assignee: *See*—
Berman, Ward W.

Lodge, Joseph E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Safety device for rubber mills. 2,450,760, Oct. 5.

Loeb, Lawrence A., New Haven, Conn. Multiple closure for dishwashing machines. 2,450,670, Oct. 5.

Lomasney, Edmond P., Bayside, Long Island, N. Y., assignor, by mesne assignments, to R. L. Faber, Los Angeles, Calif. Method of determining a sludge index for engine oils. 2,450,603, Oct. 5.

Loss, Isidor R., Rowayton, Conn., assignor to Ingersoll-Rand Company, New York, N. Y. Casing for pumps. 2,450,671, Oct. 5.

Louison, Anthony, assignee: *See*—
Whitbread, Samuel A.

Lowery, Roger W.: *See*—
Boisseau, Alexander C., Beall, Frank, and Lowery.

Loy, John W., McLean, Va., assignor to Phillips Petroleum Company. Catalyst chamber construction. 2,450,804, Oct. 5.

Lucas, Joseph, Limited, assignee: *See*—
Watson, Ernest A., and Ifield.

Luther, Julius A., Cincinnati, Ohio. Belt connector. 2,450,519, Oct. 5.

M & C Conveyors, Inc., assignee: *See*—
Campbell, Willard S.

McLean, James M., Vancouver, British Columbia, Canada. Resilient wheel. 2,450,672, Oct. 5.

MacNeille, Stephen M., Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Flicker photometers, particularly for measuring the contrast of a lens. 2,450,761, Oct. 5.

Maddux, Gerald W., Huntington, W. Va. Strainer cap. 2,450,520, Oct. 5.

Magaw, Ronald R., Canton, and K. H. Miller, North Canton, assignors to Diebold, Incorporated, Canton, Ohio. Door frame. 2,450,673, Oct. 5.

Meisel, Ben, assignor to Vico Products Company, Chicago, Ill. Treatment of liquid yeast products. 2,450,604, Oct. 5.

Majeski, Joseph, Jr., Porter, Ind. Screw driver. 2,450,734, Oct. 5.

Mallory, Marion, Detroit, Mich. Adjustable timing control. 2,450,805, Oct. 5.

Manfredi, Frank A., Gary, Ind. Mechanical walking animal. 2,450,674, Oct. 5.

Marinsky, Davis, assignee: *See*—
Morin, Louis H.

Mariaic, Milton M., Northfield, Ill., W. I. Denton, Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,675, Oct. 5.

Mariaic, Milton M., Northfield, Ill., W. I. Denton, Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,676, Oct. 5.

Mariaic, Milton M., Northfield, Ill., W. I. Denton, Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of aromatic nitriles. 2,450,677, Oct. 5.

Mariaic, Milton M., Northfield, Ill., W. I. Denton, Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,450,678, Oct. 5.

Marquette Metal Production Company, The, assignee: *See*—
Galley, John H., and Carey.
Hardy, Gordon W.
Sacchini, Columbus R.

Marsac, Leonard C., Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin winder for sewing machines. 2,450,837, Oct. 5.

Marsh, John W., Alexandria, Va. Valve. 2,450,480, Oct. 5.

Marshall, Clinton E., Bronx, N. Y. Ring. 2,450,762, Oct. 5.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,450,434, Oct. 5.

Master Electric Company, The, assignee: *See*—
Darnell, Victor L.

Mathewson, Wilfred F., Weymouth, Mass. Paper pulp screen. 2,450,838, Oct. 5.

May, Earl C., Dallas, Tex. Gin brush. 2,450,679, Oct. 5.

May, Harry C., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Duplex control valve device. 2,450,481, Oct. 5.

Mayfield, Orley J.: *See*—
Morehouse, Neal F., and Mayfield.

McCarthy, Paul R., Allison Park, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Rust preventive chromium compounds and compositions containing them. 2,450,806, Oct. 5.

McCarthy, Paul R., Allison Park, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Rust preventive chromium compounds and compositions containing them. 2,450,807, Oct. 5.

McElhose, Robert T., Oakmont, Pa. Coupler for air lines. 2,450,808, Oct. 5.

McGillicuddy, Addeline J., Spokane, Wash., assignor of one-fifth to B. H. Levenson, Washington, D. C., and two-fifths to F. L. Towne or B. Towne, his wife, Spokane, Wash. Polymers of vinyl chloride plasticised with a dioctyl pathalate and liquid petrolatum. 2,450,435, Oct. 5.

McIntire, Otis R., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of cellular thermoplastic products. 2,450,436, Oct. 5.

McIntyre, Sidney S., Sedro-Woolley, Wash. Hoist. 2,450,605, Oct. 5.

McNall, John W., East Orange, N. J., assignor, by mesne assignments, to The United States of America as represented by the Secretary of the Navy. Ultra high frequency generator vacuum tube and cathode structure therefor. 2,450,763, Oct. 5.

Melancon, Thomas J., assignee: *See*—
Boonen, Henri M.

Melhuish, Lawrence E.: *See*—
Kinkead, Fullerton S., Phelps, Smith, Singer, and Melhuish.

Merritt, George E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Interferometric comparator. 2,450,839, Oct. 5.

Metropolitan-Vickers Electrical Company Limited, assignee: *See*—
Baumann, Karl.

Meyer, Otto E., Sr.: *See*—
Williams, Armond, and Meyer.

Meyers, Charles O., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons and improved catalysts therefor. 2,450,764, Oct. 5.

Miller, Karl H.: *See*—
Magaw, Ronald R., and Miller.

Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting device. 2,450,557, Oct. 5.

Miller Pottery Engineering Company, assignee: *See*—
Miller, William J.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,450,437, Oct. 5.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for applying liquid size to pottery ware. 2,450,438, Oct. 5.

Millet, Hylton B., New Orleans, La. Apparatus for refrigeration of liquors. 2,450,735, Oct. 5.

Milligan, Joseph H., Framingham, Mass. Door lock. 2,450,840, Oct. 5.

Milliken, Thomas H., Jr., Rose Valley, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Method of cleaning dried zirconia gel production equipment. 2,450,439, Oct. 5.

Mills, Roscoe H., Dayton, Ohio. Propeller blade construction. 2,450,440, Oct. 5.

Mitchell, Jay G., Eatontown, N. J., assignor to the United States of America as represented by the Secretary of War. Nonpositional line signal. 2,450,441, Oct. 5.

Moebes, August, Vallejo, Calif. Adjustable hat form. 2,450,521, Oct. 5.

Molitor, Edward T., Seattle, Wash. Egg cleaner. 2,450,606, Oct. 5.

Monarch Machine Tool Company, The, assignee: *See*—
Foster, Theodore.

Monroe Calculating Machine Company, assignee: *See*—
Fleming, Howard M.

Moore, Milford B., Brighton, assignor to Graflex, Inc., Rochester, N. Y. Sensitized-material holder for photographic cameras. 2,450,841, Oct. 5.

Morehouse, Neal F., and O. J. Mayfield, assignors to Dr. Salsbury's Laboratories, Charles City, Iowa. Poultry treatment composition. 2,450,866, Oct. 5.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Forming and ejecting die castings. 2,450,482, Oct. 5.

Morris, Rupert C., Berkeley, A. V. Snider, Richmond, and P. H. Williams, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Cyclohexylcarbinyl thiocyano esters. 2,450,765, Oct. 5.

Morse Chain Company, assignee: *See*—
Howison, Robert J.

Motor Economy Products, Inc., assignee: *See*—
Callaway, Clarence R., and Dunn.

Mueller, Ervin H., Grosse Pointe, Mich. Gas burner. 2,450,483, Oct. 5.

Mueller, Ervin H., Grosse Pointe, Mich. Gas burner. 2,450,680, Oct. 5.

Muench, Carl G., Glenview, assignor to The Celotex Corporation, Chicago, Ill. Apparatus for coating fiber insulation board. 2,450,681, Oct. 5.

Murray, Forrest F., Brockton, assignor to F. F. and H. R. Murray, a co-partnership, doing business as Murray Manufacturing Co., Avon, Mass. Edge trimming machine. 2,450,842, Oct. 5.

Murray, Harry R., assignee: *See*—
Murray, Forrest F. and H. R.

Murray Manufacturing Co.: *See*—
Murray, Forrest F.

Myers, Claude G.: *See*—
Hansford, Rowland C., Rasmussen, Myers, and Sachanen.

Myers, Latimer D.: *See*—
Fitzpatrick, J. D., and Myers.

Nader Engineering Company, assignee: *See*—
Nader, Joseph.

Nader, Joseph, Glen Ellyn, assignor to Nader Engineering Company, Chicago, Ill. Condenser and brush mounting for dynamoelectric machines. 2,450,809, Oct. 5.

Nash-Kelvinator Corporation, assignee: *See*—
Wahlberg, Nils E., and Kishline.

National Acme Company, The, assignee: *See*—
Rundquist, Bennett C.

Navy, United States of America as represented by the Secretary of the, assignee: *See*—
McNall, John W.

Niles-Bement-Pond Company, assignee: *See*—
Chandler, Milton E.
Hunt, Scott F.
Lee, Leighton, II.

Nixon, Alan C., and O. L. Davis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Aluminum oxide compositions. 2,450,766, Oct. 5.

Nokes, Ernest S.: *See*—
Chase, Ernest E., Nokes, Stratton, and Goodhue.

Noland, Thomas T.: *See*—
Berger, Henry G., Noland, and Fuller.

Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Polymers of an unsaturated alkyd resin and an unsaturated halogenated compound and method of producing same. 2,450,682, Oct. 5.

North, James P., Green Bay, Wis. Liquid clarifier. 2,450,522, Oct. 5.

Northern Equipment Company, assignee: *See*—
Schlieder, Harold A.

Nyman, Carl R., Washington, D. C. Card separating device. 2,450,442, Oct. 5.

Ogden, Floyd H., Arlington, assignor to F. L. & J. C. Codman, Rockland, Mass. Manufacture of abrading elements. 2,450,859, Oct. 5.

Ogren, Oscar H., Rockford, Ill. Single blank container for paper sheets. 2,450,558, Oct. 5.

Olin Industries, Inc., assignee: *See*—
Reinhardt, Otto K., and Fallon.

Oliver, Sheffield F., Auburn, Calif. Sitz bath. 2,450,607, Oct. 5.

Opper, Anita V. L., New York, N. Y., and W. P. ter Horst, Little Silver, N. J., assignors to Virginia Carolina Chemical Corporation, Richmond, Va. Recovery of protein from proteinous materials. 2,450,810, Oct. 5.

P. & V. Quicklocking Co., assignee: *See*—
Smith, Vernon C., and Bohn.

Page, Herbert E., Alhambra, Calif. Hydraulic bumper jack. 2,450,608, Oct. 5.

Page, James M., Jr.: *See*—
Evering, Bernard L., Lien, and Page.

Palmer, Albert, and V. F. Sepavich, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Letoff for looms. 2,450,484, Oct. 5.

Palmer, Albert, and V. F. Sepavich, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Control means for motor driven letoffs. 2,450,485, Oct. 5.

Parke, Davis & Company, assignee: *See*—
Bambas, Louis L.
Bird, Orson D., and Binkley.

Parker, Charles F., Culver City, Calif. Portable tile cutter. 2,450,523, Oct. 5.

Parsons, Louis R., assignor of one-fifth to W. W. Holland, Macomb, Ill. Railroad rail clamp. 2,450,559, Oct. 5.

Penick, S. B., & Company, assignee: *See*—
Koons, Harold F.

Perry, Clarence J., Los Angeles, Calif. Plumber's snake and feeding device therefor. 2,450,486, Oct. 5.

Peterson, Carl J.: *See*—
Redward, Dorothy B., and Peterson.

Phelps, Louis E., Shreveport, La. Spring type guide for commode tanks. 2,450,609, Oct. 5.

Phelps, Walter A.: *See*—
Kinkead, Fullerton S., Phelps, Smith, Singer, and Melhuish.

Philco Corporation, assignee: *See*—
Bauman, John J.

Phillips Petroleum Company, assignee: *See*—
Clark, Alfred.
Frey, Frederick E.
Guyer, Jesse A.
Loy, John W.
Meyers, Charles O.

Photoswitch, Incorporated, assignee: *See*—
Thomson, E. Craig.
Thomson, Elihu C.

Pierce, Charles H., Kalamazoo, Mich. Brush holder. 2,450,736, Oct. 5.

Pierce, Edwin G., Cleveland, Ohio. Air filter. 2,450,610, Oct. 5.

Pittman, Ernest E., Elizabethtown, Ky. Refining of sugar. 2,450,683, Oct. 5.

Poltica, George K., Medford, Mass., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Vat dyeing of alkali-sensitive fibers, including an acid reduction of the vat dye impregnated fibers. 2,450,767, Oct. 5.

Potts, Ralph H., La Grange, assignor to Armour and Company, Chicago, Ill. Distillation apparatus for treating fatty acid containing stock. 2,450,611, Oct. 5.

Potts, Ralph H., La Grange, assignor to Armour and Company, Chicago, Ill. Distillation of fatty acid stock by fractionation and flash steps. 2,450,612, Oct. 5.

Prince-Smith & Stells Limited, assignee: *See*—
Wright, Frank.

Proffit, Lester M., Superior, Wis. Lead trowel. 2,450,860, Oct. 5.

Pulver, Harold M., Douglass, assignor of fifty per cent to R. Bradshaw, Wichita, Kans. Nonskid attachment for shoes. 2,450,768, Oct. 5.

Radinsky, Felix, Olympia, Wash. Mechanical pool table. 2,450,613, Oct. 5.

Radio Corporation of America, assignee: *See*—
Hansell, Clarence W.
Rosencrans, Charles A.
Seeley, Stuart W.

Rambo, William H., Portland, Oreg. Loading platform. 2,450,684, Oct. 5.

Ramsey Accessories Manufacturing Corporation, assignee: *See*—
Frisby, Frank D.
Ramsey, Vernon E., Suffolk, Va. Closure means for containers. 2,450,811, Oct. 5.
Rasmussen, Herbert E.: *See*—
Hansford, Rowland C., Rasmussen, Myers, and Sachanen.
Hansford, Rowland C., Rasmussen, and Sachanen.
Rasmussen, Herbert E., and R. C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of alkyl derivatives of thiophene. 2,450,685, Oct. 5.
Rasmussen, Herbert E., and R. C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of methyl thiophene. 2,450,686, Oct. 5.
Rasmussen, Herbert E., and R. C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of dimethyl and ethyl thiophenes. 2,450,687, Oct. 5.
Ray, Clinton D., Mesa, Ariz. Fruit picker. 2,450,812, Oct. 5.
Redward, Dorothy B., and C. J. Peterson, Seattle, Wash. Hair curler. 2,450,560, Oct. 5.
Reinhardt, Otto K., and T. F. Fallon, New Haven, Conn., assignors to Olin Industries, Inc. Leakproof dry cell. 2,450,813, Oct. 5.
Ria, Seymon, Seattle, Wash. Heating plant. 2,450,561, Oct. 5.
Rich, Stanley R., New York, N. Y. Limiter. 2,450,443, Oct. 5.
Richard, Grant M., assignor to Toledo Scale Company, Toledo, Ohio. Meat tendering machine. 2,450,688, Oct. 5.
Richmond, Paul, Pontiac, Mich. Support for hammocks. 2,450,689, Oct. 5.
Ridbo Laboratories, Inc., assignee: *See*—
Zeiss, Harold H.
Ridgewood Inc., assignee: *See*—
St. Clair, Houston.
Ringer, Robert L., Jr., Warren, and C. E. Smith, Port Homer, assignors to The Taylor-Winfield Corporation, Warren, Ohio. Welding system. 2,450,614, Oct. 5.
Robertson, H. H., Company, assignee: *See*—
Hubbell, Dean S.
Robins, Jack B., assignor to Aircraft Mechanics Inc., Colorado Springs, Colo. Truck for handling electric refrigerators and the like. 2,450,690, Oct. 5.
Robinson, Harold A., assignor to The Dow Chemical Company, Midland, Mich. Composition for descaling ferrous metal. 2,450,861, Oct. 5.
Robinson, Jessie C., executrix: *See*—
Robinson, William B., and Swenson.
Robinson, Joseph, New York, N. Y. Electric vaporizer. 2,450,444, Oct. 5.
Robinson, William B., Sayville, and G. E. Swenson, Hastings on Hudson, N. Y.; J. C. Robinson, executrix of said W. B. Robinson, deceased, assignor to M. C. Fidao and G. Link, Jr., as trustees. Covering strip for roofs and sidings. 2,450,562, Oct. 5.
Rommel, Anton F., Tacoma, Wash. Roaster. 2,450,563, Oct. 5.
Root, Charles W., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Starting and ignition system. 2,450,524, Oct. 5.
Roper, Geo. D., Corporation, assignee: *See*—
Whitehead, Grover F.
Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Modulation. 2,450,445, Oct. 5.
Rothblum, Benjamin, New York, N. Y. Pattern grading ruler. 2,450,769, Oct. 5.
Roundy, Zola D., and H. L. Keil, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Making cheese. 2,450,814, Oct. 5.
Rubenstein Bros. Company, assignee: *See*—
Goldie, Hector E.
Rundquist, Bennett C., assignor to The National Acme Company, Cleveland, Ohio. Oil centrifuge with plural concentric separating zones. 2,450,737, Oct. 5.
Rupp, Earl V., Dayton, Ohio. Oxygen warning device. 2,450,446, Oct. 5.
Russell, Clyde E., Massillon, Ohio. Nonskid device. 2,450,691, Oct. 5.
Russell, Marshall E., Concord, N. C. Roller clearer stop motion. 2,450,738, Oct. 5.
Sacchini, Columbus R., Willoughby, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Fluid operated motor with piston actuated distributing valve and manually actuated parking valve. 2,450,564, Oct. 5.
Sacchini, Columbus R., Euclid, and L. N. Vandervoort, assignors to The Marquette Metal Products Company, Cleveland, Ohio. Motion converter mechanism. 2,450,692, Oct. 5.
Sachanen, Alexander N.: *See*—
Hansford, Rowland C., Rasmussen, and Sachanen.
Hansford, Rowland C., Rasmussen, Myers, and Sachanen.
Sackey, Alexander A., assignee: *See*—
Weisbrod, Ivan V., and Sackey.
Saifyrd, Richard L., assignor to The Whitney Chain & Mfg. Co., Hartford, Conn. Transmission chain link. 2,450,565, Oct. 5.
St. Clair, Houston, Tazewell, assignor to Ridgewood Inc., Winchester, Va. Concentrated apple juice and milk modifier. 2,450,456, Oct. 5.
Salsbury's, Dr., Laboratories, assignee: *See*—
Morehouse, Neal F., and Maydeld.
Samson, René, Montreal, Quebec, Canada. Preparation of macaroni products. 2,450,525, Oct. 5.
Samuel, Charles H., San Francisco, Calif. Gun firing mechanism. 2,450,447, Oct. 5.
Sanders, Edna, executrix: *See*—
Sanders, William G.
Sanders, William G., deceased, Houston, Tex.; E. Sanders, executrix. Piston assembly and ring. 2,450,693, Oct. 5.
Sauer, John A., Elizabeth, assignor to Elastic Stop Nut Corporation of America, Union, N. J. Self-locking nut. 2,450,694, Oct. 5.
Sawyer, Lester T., Leominster, Mass. Making hair retainers. 2,450,448, Oct. 5.
Schaber, Elmer, Cold Spring, Ky. Tire chain. 2,450,487, Oct. 5.
Schedin, Robert S., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Two-speed motor drive for loom letoffs. 2,450,488, Oct. 5.
Schieder, John H., Los Angeles, Calif. Ski binding. 2,450,526, Oct. 5.
Schlage, Anna, executrix: *See*—
Schlage, Walter R.
Schlage Lock Company, assignee: *See*—
Schlage, Walter R.
Schlage, Walter R., deceased, Burlingame; A. Schlage, executrix, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,450,449, Oct. 5.
Schlesman, Carleton H.: *See*—
Francis, Alfred W., and Schlesman.
Schlieder, Harold A., assignor to Northern Equipment Company, Erie, Pa. Level responsive control device. 2,450,739, Oct. 5.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Polymerization of ethylene. 2,450,451, Oct. 5.
Schmid, Martin, Lucerne, Switzerland. Motor sled. 2,450,566, Oct. 5.
Schmidinger, Joseph, Lake George, N. Y. Supervisory indicating circuit. 2,450,450, Oct. 5.
Schmitt, William H., Grand Rapids, Mich. Potato slicer having a stationary wire grid and a reciprocating plunger. 2,450,740, Oct. 5.
Schomer, Harold A., Cedar Lane, Md., assignor to the United States of America, as represented by the Secretary of Agriculture. Reducing scald development on fruit. 2,450,615, Oct. 5.
Schreter, Adolph, Baltimore, Md. Made-up bow tie. 2,450,741, Oct. 5.
Schultz, William O., South Milwaukee, Wis. Line anchor. 2,450,815, Oct. 5.
Schwartz, Jacob D., Pittsburgh, Pa. Flask. 2,450,567, Oct. 5.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Seal grip tool joint. 2,450,452, Oct. 5.
Seagram, Joseph E., & Sons, Inc., assignee: *See*—
Coles, Harold W.
Seeley, Stuart W., Roslyn Heights, N. Y., assignor to Radio Corporation of America. Electrical networks for phase shifters. 2,450,616, Oct. 5.
Sepavich, Victor F.: *See*—
Palmer, Albert, and Sepavich.
Sepavich, Victor F., and C. R. Kronoff, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Letoff for looms. 2,450,489, Oct. 5.
Shell Development Company, assignee: *See*—
Morris, Rupert C., and Snider, and Williams.
Nixon, Alan C., and Davis.
Vaughan, William E., and Barnett.
Sherman, Arthur G., Tracy, Calif. Dehydrating system. 2,450,843, Oct. 5.
Shinberg, Barney, and H. Shrager, Westerly, R. I. Method and apparatus for molding shoe uppers. 2,450,490, Oct. 5.
Short, Ronald V., assignee: *See*—
Greaves, Albert H.
Shrager, Hymen: *See*—
Shinberg, Barney, and Shrager.
Siefert, Anne, Chicago, and J. M. Laiho, Skokie, Ill. Making yarn articles. 2,450,695, Oct. 5.
Singer, Fred J.: *See*—
Kinkead, Fullerton S., Phelps, Smith, Singer, and Melhuish.
Singer Manufacturing Company, The, assignee: *See*—
Horwath, Theodore J.
Marsac, Leonard C.
Sinopoli, Frank R., San Diego, Calif. Shirt hold-down device. 2,450,568, Oct. 5.
Smith, Clyde E.: *See*—
Ringer, Robert L., Jr., and Smith.
Smith, Edward M.: *See*—
Kinkhead, Fullerton S., Phelps, Smith, Singer, and Melhuish.
Smith, Joseph L., Glen Ellyn, Ill. Buffing drum. 2,450,617, Oct. 5.
Smith, Sheldon S., Springfield, Mass. Buffing wheel. 2,450,454, Oct. 5.
Smith, Vernon C., Stockton, and P. E. Bohn, Angels Camp, assignors to P. & V. Quicklocking Co., Stockton, Calif. Semiautomatic coupling. 2,450,527, Oct. 5.

Smith, William R., Philadelphia, Pa., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy car unloader. 2,450,867, Oct. 5.
Smullin, Louis D., Arlington, and J. B. Wiesner, Boston, Mass., assignors, by mesne assignments, to United States of America. Indicating device. 2,450,618, Oct. 5.
Snider, Alva V.: *See*—
Morris, Rupert C., Snider, and Williams.
Snider, Raymon W., Cheyenne, Wyo. Steriliser. 2,450,816, Oct. 5.
Snijders, Marcus J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. High-voltage rectifying tube. 2,450,770, Oct. 5.
Snyder, Carl J., Detroit, Mich. Hollow propeller blade. 2,450,455, Oct. 5.
Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Altamura, Mario S.
Berger, Noland, and Fuller.
Caldwell, Hamilton P., Jr., and Chapman.
Denton, William I., and Bishop.
Francis, Alfred W., and Schlesman.
Hansford, Rowland C., Rasmussen, Myers, and Sachanen.
Hansford, Rowland C., Rasmussen, and Sachanen.
Marisic, Milton M., Denton, and Bishop.
Rasmussen, Herbert E., and Hansford.
Solar Aircraft Company, assignee: *See*—
Conzelman, John E., Jr.
Solovioff, Nicholas N., and N. G. Kling, Great Neck, assignors to Airex Manufacturing Company, Inc., Long Island City, N. Y. Helicopter. 2,450,491, Oct. 5.
Sonkin, Simon, New York, N. Y., assignor to the United States of America as represented by the Secretary of War. Tunable magnetron. 2,450,619, Oct. 5.
Speicher, Gunther E., Washington, D. C. Locket. 2,450,620, Oct. 5.
Spence, John: *See*—
Carroll, Burt H., and Spence.
Sperry Corporation, The, assignee: *See*—
Halpert, Percy.
Sprigg, Edward A., assignor to H. H. Buggie & Company, Toledo, Ohio. Making electrical socket connections. 2,450,529, Oct. 5.
Sprigg, Edward A., assignor to H. H. Buggie & Company, Toledo, Ohio. Electrical connector. 2,450,528, Oct. 5.
Standard Oil Company, assignee: *See*—
D'Ouville, Edmond L., and Burney.
Evering, Bernard L., Lien, and Page.
Stenning, Luis C., assignor to The General Electric Company Limited, London, England. Apparatus for tuning variable electrical oscillators. 2,450,696, Oct. 5.
Sterling, James G., Cleveland Heights, Ohio, assignor to Thompson Products, Inc. Removal of annular scratches in hollow poppet valve stems. 2,450,817, Oct. 5.
Stevens, Clarence C., Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich. Lapping or polishing. 2,450,742, Oct. 5.
Stevenson, Robert W., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Removable screen structure for rotary beater mills. 2,450,492, Oct. 5.
Stratton, Frank E.: *See*—
Chase, Ernest E., Nokes, Stratton, and Goodhue.
Strub, René, La Chaux-de-Fonds, Switzerland. Turbine rotor and its method of manufacture. 2,450,493, Oct. 5.
Stuart, Fred W., Cincinnati, Ohio. Refrigerator provided with a refrigerated drawer. 2,450,844, Oct. 5.
Submarine Signal Company, assignee: *See*—
Benioff, Hugo.
Sussin, David, South Fort Mitchell, assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. X-ray rectifying mechanism. 2,450,530, Oct. 5.
Swenson, George E.: *See*—
Robinson, William B., and Swenson.
Tappé, Frank G., Oslo, Norway. Ski binding. 2,450,531, Oct. 5.
Taylor-Winfield Corporation, The, assignee: *See*—
Ringer, Robert L., Jr., and Smith.
Te Grotenhuis, Theodore A., Olmsted Falls, assignor to The General Tire & Rubber Company, Akron, Ohio. Process and apparatus for coagulating a coagulable fluid. 2,450,457, Oct. 5.
Teigen, Austin F., Moorhead, Minn. Pocketknife. 2,450,697, Oct. 5.
Ter Horst, William P.: *See*—
Opper, Anita V. L., and Ter Horst.
Therapeutic Research Corporation of Great Britain, Limited, assignee: *See*—
Duffin, Walter M., and Wilkinson.
Thomas, Charles A., Fort Wayne, Ind., assignor to General Electric Company. Brush for dynamoelectric machines. 2,450,698, Oct. 5.
Thomlinson, William G., Glasgow, Scotland. Inking apparatus for printing machines. 2,450,494, Oct. 5.
Thompson, George J., G. L. Koester, Jr., and J. B. Fullman, United States Navy. Expansion coupling. 2,450,458, Oct. 5.
Thompson, Norman J., Newton, assignor to Factory Mutual Research Corporation, Boston, Mass. Fire extinguisher. 2,450,569, Oct. 5.
Thompson Products, Inc., assignee: *See*—
Heinrich, August H.
Johnson, Paul P.
Sterling, James G.
Thomson, E. Craig, Boston, assignor to Photoswitch, Incorporated, Cambridge, Mass. Electronic timing apparatus. 2,450,460, Oct. 5.
Thomson, Elihu C., Boston, assignor to Photoswitch, Incorporated, Cambridge, Mass. Electrode system. 2,450,459, Oct. 5.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Insulating means and method of making the same. 2,450,532, Oct. 5.
Toledo Scale Company, assignee: *See*—
Richard, Grant M.
Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Variable displacement pump. 2,450,570, Oct. 5.
Towne, Blanche, assignee, et al.: *See*—
McGillicuddy, Addeline J.
Towne, Frank L., assignee, et al.: *See*—
McGillicuddy, Addeline J.
Troxler, Charles G., and G. P. Daiger, Canton, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,450,845, Oct. 5.
Ullmann, Henry, New York, N. Y. Easel. 2,450,495, Oct. 5.
United Shoe Machinery Corporation, assignee: *See*—
Cantley, Joseph C.
Chase, Ernest E., Nokes, Stratton, and Goodhue.
Harrington, Joseph, Jr.
Jorgensen, Bernhardt.
Jorgensen, Jacob C.
Miller, Lloyd G.
Topham, Laurence E.
United States of America, assignee: *See*—
Smullin, Louis D.
United States Rubber Company, assignee: *See*—
Brown, Charles F.
Griffin, John B., and Hagan.
Hurdis, Everett C.
Universal Oil Products Company, assignee: *See*—
Bloch, Herman S.
Grote, Henry W.
Schmerling, Louis.
Unk, Jacob M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Variometer with air dielectric. 2,450,743, Oct. 5.
Valley National Bank of Phoenix, The, assignee: *See*—
Focht, Carl W.
Vandervell Products Limited, assignee: *See*—
Johnson, Ernest W.
Vandervoort, Lorain N.: *See*—
Sacchini, Columbus R., and Vandervoort.
Vaughan, William E., Berkeley, and B. Barnett, assignors to Shell Development Company, San Francisco, Calif. Plastic sulfur vulcanizing agent, method for its utilization and vulcanizable compositions containing the same. 2,450,771, Oct. 5.
Veach, Harry O., Los Angeles, Calif. Air mattress construction. 2,450,699, Oct. 5.
Velten, Edmund M., assignor to Chemical Developments Corporation, Dayton, Ohio. Adsorption apparatus. 2,450,533, Oct. 5.
Vermillion, Raymond K., St. Petersburg, Fla. Electronic noise eliminator. 2,450,818, Oct. 5.
Vickers Incorporated, assignee: *See*—
Herman, Kenneth R.
Lane, Albert M., Kirkpatrick, and Erskine.
Vico Products Company, assignee: *See*—
Maizel, Ben.
Virginia Carolina Chemical Corporation, assignee: *See*—
Opper, Anita V. L., and Ter Horst.
Voet, Andries, assignor, by mesne assignments, to J. M. Huber Corporation, New York, N. Y. Emulsion printing inks. 2,450,534, Oct. 5.
Vokes, Cecil G., and A. H. Fowler, Guildford, assignors to Vokes Limited, Guildford, Surrey, England. Oil refilling device. 2,450,700, Oct. 5.
Vokes Limited, assignee: *See*—
Vokes, Cecil G., and Fowler.
Wahlberg, Nils E., and F. F. Kishline, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Vibration dampener. 2,450,701, Oct. 5.
Walds Koh-I-Noor, Inc., assignee: *See*—
Brosek, Lawrence.
Wallach, Robert S., Madison, N. J., assignor to Associated Development and Research Corporation, New York, N. Y. Diaphragm puncturing valve structure. 2,450,461, Oct. 5.
War, The United States of America as represented by the Secretary of the, assignee: *See*—
Mitchell, Jay G.
Sonkin, Simon.
Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,450,462, Oct. 5.
Watkins, John E., Maywood, Ill. Measuring apparatus responsive to variable conditions. 2,450,772, Oct. 5.
Watson, Ernest A., G. Hill, Coventry, and R. J. Ifield, Ealing, London, assignors to Joseph Lucas Limited, Birmingham, England. Automatically controlling the supply of liquid fuel to prime mover. 2,450,535, Oct. 5.

Watts, Garland E., El Cerrito, Calif. Kitchen cabinet. 2,450,702, Oct. 5.
Weber, Edward, Winchester, Mass., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Dyeing of wool with indigo dyestuffs. 2,450,773, Oct. 5.
Weinrich, Arthur R.: *See*—
Colbert, William H., and Weinrich.
Weisbrod, Ivan V., Douglaston, assignor to A. A. Sackey, New York, N. Y. Sanitary shield for telephone transmitters. 2,450,703, Oct. 5.
West, William H., assignor to The Alabama Textile Engineering Company, Inc., Montgomery, Ala. Pick motion for looms. 2,450,463, Oct. 5.
Western Electric Company, Incorporated, assignee: *See*—
Henning, George E.
Lodge, Joseph E.
Westinghouse Air Brake Company, The, assignee: *See*—
Bent, Arthur J.
May, Harry C.
Whelan, Alma E., assignee: *See*—
Whelan, Charles M.
Whelan, Charles M., assignor of one-half to A. E. Whelan, Altadena, Calif. Lock controlled switch. 2,450,819, Oct. 5.
Whitbread, Samuel A., assignor to Anthony Louison, Sydney, New South Wales, Australia. Animal trap. 2,450,536, Oct. 5.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Converter for suction cleaners. 2,450,846, Oct. 5.
White head, Grover F. assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas supply manifold assembly for gas ranges. 2,450,744, Oct. 5.
Whiteley, Arlie E., Los Angeles, assignor of one-half to J. J. Capitan, East Los Angeles, Calif. Dispenser for rolled sheet material. 2,450,496, Oct. 5.
Whitney Chain & Mfg. Co., The, assignee: *See*—
Saifyrd, Richard L.
Wiesner, Jerome B.: *See*—
Smullin, Louis D., and Wiesner.
Wilcox, Edward J., Lakewood, N. Y. Bedrail pin. 2,450,820, Oct. 5.
Wilkinson, George H., deceased, Windsor, Ontario, Canada; The Canada Trust Company, executor. Ankle support. 2,450,862, Oct. 5.
Wilkinson, Samuel: *See*—
Duffin, Walter M., and Wilkinson.
Williams, Armond, East Haven, and O. E. Meyer, Sr., North Haven, Conn. Distributor mechanism. 2,450,704, Oct. 5.
Williams, Eureka Corporation, assignee: *See*—
Foley, Charles F.
Williams, Floyd C., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Switch mechanism. 2,450,705, Oct. 5.
Williams, Paul H.: *See*—
Morris, Rupert C., Snider, and Williams.
Williamson, Hilding V., assignor to Cardox Corporation, Chicago, Ill. Apparatus for extinguishing fires. 2,450,537, Oct. 5.
Wilson, Matthew W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for treating rubber-reinforcing cord fabric. 2,450,847, Oct. 5.
Wineman, Wade H., Michigan City, Ind., assignor to Joy Manufacturing Company. Forging machine. 2,450,621, Oct. 5.
Wisberger, Paul M., assignor to Goodyear Aircraft Corporation, Akron, Ohio. Pallet. 2,450,848, Oct. 5.
Woodworth, N. A., Company, assignee: *See*—
Hohwart, George and E. F.
Worthington Pump and Machinery Corporation, assignee: *See*—
Zwickl, Joseph R.
Wright, Frank, Haworth, assignor to Prince-Smith & Stells Limited, Keighley, England. Centrifugal spinning, twisting, and analogous machine. 2,450,622, Oct. 5.
Zahm, George G., Buffalo, assignor to Hurd Corporation, New York, N. Y. Evaporation and concentration of liquids. 2,450,774, Oct. 5.
Zahm, George G., Buffalo, assignor to Hurd Corporation, New York, N. Y. Concentrating highly colloidal food products. 2,450,775, Oct. 5.
Zeiss, Harold H., Fairlawn-Radburn, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Methylation of methyl 6-hydroxydehydroabietate. 2,450,706, Oct. 5.
Zimmerman, Arthur B., Los Angeles, Calif. Tilting balanced duplex propeller. 2,450,821, Oct. 5.
Zwickl, Joseph R., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Purging system for refrigerating systems. 2,450,707, Oct. 5.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 5TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Hydrated polysilicate, manufacture of. W. F. Wegst and J. H. Wills. Re. 23,043, Oct. 5.
Stall warning device. R. H. Upson. Re. 23,042, Oct. 5.

LIST OF DESIGN INVENTIONS

Aircraft engine, Turbine jet. M. U. Clauser and A. N. Hatch. 151,219, Oct. 5.
Alphabet for forming monograms or the like. J. Weisman. 151,306, Oct. 5.
Ashtray, glass and poker chip holder, Combined. M. Buehren. 151,217, Oct. 5.
Bathroom ensemble. J. Stanits. 151,294, Oct. 5.
Bib, Multiple. I. Shelton. 151,290, Oct. 5.
Boat. J. E. Jones. 151,242, Oct. 5.
Bottle cap. E. J. B. Miller. 151,283, Oct. 5.
Bracelet or similar article. A. Katz. 151,252, Oct. 5.
Brooch or similar article. A. Katz. 151,260–1, Oct. 5.
Brooch or similar article. A. Katz. 151,267, Oct. 5.
Brooch or similar article, Separable. A. Katz. 151,258–9, Oct. 5.
Brooch or similar article, Separable. A. Katz. 151,262, Oct. 5.
Brooch or similar article, Separable. A. Katz. 151,264–6, Oct. 5.
Cabinet or similar article. A. J. Buckner. 151,214–16, Oct. 5.
Cabinet, Radio phonograph. L. G. Stone. 151,296–7, Oct. 5.
Cabinet, Radio receiver. A. L. Jenks. 151,241, Oct. 5.
Cabinet, Refrigerator. J. M. Little. 151,277, Oct. 5.
Cap and clip for a fountain pen or similar article, Combined. A. S. Weston. 151,307, Oct. 5.
Case, Combined eye shadow and rouge. E. N. Graham. 151,234, Oct. 5.
Chain for a bracelet or similar article, Expansible link. E. E. Fachon. 151,230, Oct. 5.
Chair standard. W. H. Bond, Jr. 151,210, Oct. 5.
Chest or similar article, Portable storage. S. M. Meyer. 151,281, Oct. 5.
Clip or similar article. A. Katz. 151,245, Oct. 5.
Clock. W. F. Thompson. 151,300, Oct. 5
Costumer or the like. L. S. Crain. 151,220, Oct. 5.
Desk, Child's. P. P. Cameron. 151,218, Oct. 5.
Device for dispensing liquid in sprayed or gaseous form. H. R. Stagner. 151,293, Oct. 5.
Dining table and writing desk, Combined. M. Sanders. 151,287, Oct. 5.
Dog bed or similar article. P. E. Shoemaker and L. L. Lewis. 151,291, Oct. 5.
Earring or similar article. A. Katz. 151,263, Oct. 5.
Engraving machine. P. J. Brohawn. 151,212, Oct. 5.
Fan, Exhaust. H. Zeller and A. H. Herter. 151,311, Oct. 5.
Finding or similar article, Jewelry. A. Katz. 151,268, Oct. 5.
Fish lure. H. Lamb. 151,276, Oct. 5.
Floor polisher, Electric. K. C. Atkin. 151,207, Oct. 5.
Game board. J. E. Funderburg. 151,231, Oct. 5.
Head for railroad water hydrants and similar articles. T. E. Bart. 151,208, Oct. 5.
Heater, Oscillating electric fan type. S. A. Witte. 151,309, Oct. 5.
Helicopter. F. L. Sutton. 151,298, Oct. 5.
Hobby horse. R. C. Swengel. 151,299, Oct. 5.
Holder and containers for perfumery, Combined. G. Baud. 151,209, Oct. 5.
Holder, Twine. J. Lucchesi. 151,278, Oct. 5.
Jig-saw puzzle. R. B. Morris. 151,284, Oct. 5.
Knife, Paring. L. A. Heintzelman. 151,238, Oct. 5.
Lamp, Floor. L. C. Doane. 151,228, Oct. 5.
Lighter and cigarette case, Combined. D. M. King and A. Wewetzer. 151,271, Oct. 5.
Link for a necklace or similar article, Connecting. R. Gardel. 151,232, Oct. 5.
Lounge. M. Kaufman. 151,270, Oct. 5.
Measurer, Combined spoon and cup. L. E. Middleton. 151,282, Oct. 5
Microscope or similar article. J. T. Armbruster and T. G. Aitcheson. 151,206, Oct. 5.
Milking stool. C. C. Bruner. 151,213, Oct. 5.
Mirror or similar article, Rear vision. J. W. Anderson, Jr. 151,205, Oct. 5.
Motor, Electric. T. R. Wieseman and R. I. Robinson. 151,308, Oct. 5.
Mounting, Finger ring. D. Pfeffer. 151,285, Oct. 5.
Mower, Power lawn. M. H. Kluter. 151,275, Oct. 5.
Necklace or similar article. A. Katz. 151,244, Oct. 5.
Necklace or similar article. A. Katz. 151,246–51, Oct. 5.
Necklace or similar article. A. Katz. 151,253–7, Oct. 5.
Necklace or similar article. A. Katz. 151,269, Oct. 5.
Opener and closer, Railway car door. G. W. Merritt. 151,280, Oct. 5.
Ornament or similar article, Vehicle hood. H. F. Yaeger. 151,310, Oct. 5.
Pen and pencil, Combination. G. A. Goessling. 151,233, Oct. 5.
Pendant charm. E. G. Schwarz. 151,288, Oct. 5.
Pin tray unit, Articulated. R. M. Seeger. 151,289, Oct. 5.
Push button. C. E. Waltman. 151,305, Oct. 5.
Rack, Towel. K. Kipp. 151,272, Oct. 5.
Reel, Hose. H. E. Kirschner. 151,274, Oct. 5.
Refrigerator, Table type. E. A. Kirchhof. 151,273, Oct. 5.
Shoe. J. J. Walsh. 151,303–4, Oct. 5.
Soap dish. J. W. Bradbury. 151,211, Oct. 5.
Sofa bed. G. L. Stanley. 151,295, Oct. 5.
Spectacle frame. A. Ditto. 151,221–2, Oct. 5.
Stand for a hand telephone set, Desk. W. A. Marrison and F. M. Thayer. 151,279, Oct. 5.
Stand or the like, Smoker's. P. S. Harper. 151,236, Oct. 5.
Stirring apparatus. M. J. Zimmer. 151,312–13, Oct. 5.
Swimming flipper. D. F. Eddy. 151,229, Oct. 5.
Tea urn and stand, Combined. V. Hingelberg. 151,239, Oct. 5.
Textile fabric or similar article. S. A. Dix. 151,223–7, Oct. 5.
Therapy apparatus, Oxygen. A. H. St. Louis. 151,286, Oct. 5.
Toothbrush. K. Harris and O. A. May. 151,237, Oct. 5.
Toy jack-in-the-box. W. Smith. 151,292, Oct. 5.
Trailer, Two-wheel. O. W. Inskeep. 151,240, Oct. 5.
Vehicle, Trailer. G. J. Harman. 151,235, Oct. 5.
Vise, Bench. B. Uydess. 151,302, Oct. 5.
Watch dial. C. H. Adamson. 151,204, Oct. 5.
Water correction device, Electrolytic. T. C. Jones. 151,243, Oct. 5.
Wrist watch and stem guard, Combined. J. A. Tuffo. 151,301, Oct. 5.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 5TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading device. H. E. Goldie. 2,450,473, Oct. 5.
Abrading element. E. W. Hall. 2,450,792–3, Oct. 5.
Abrading elements, Manufacture of. F. H. Ogden. 2,450,859, Oct. 5.
Adsorption apparatus. E. M. Velten. 2,450,533, Oct. 5.
Aircraft control. W. W. Beman. 2,450,709, Oct. 5.
Air filter. E. G. Pierce. 2,450,610, Oct. 5.
Air heater for castings. A. M. Lister. 2,450,518, Oct. 5.
Alkaline primary battery. L. S. Dunham and E. O. Jegge. 2,450,472, Oct. 5.
Alkyl benzenes. A. W. Francis and C. H. Schiesman. 2,450,652, Oct. 5.
Alkyl derivatives of thiophene, Production of. H. E. Rasmussen and R. C. Hansford. 2,450,685, Oct. 5.
Amides from sulfonyl fluorides. M. S. Altamura. 2,450,863, Oct. 5.
Anchor, Line. W. O. Schultz. 2,450,815, Oct. 5.
Angling mechanism for disk harrows, Draft operated. J. T. Bibb. 2,450,574, Oct. 5.
Animal trap. S. A. Whitbread. 2,450,536, Oct. 5.
Ankle support. G. H. Wilkinson. 2,450,862, Oct. 5.
Antianemia vitamin product, Obtaining an. O. D. Bird and S. B. Binkley. 2,450,710, Oct. 5.
Apparatus and process for hydrocarbon conversion. J. A. Guyer. 2,450,753, Oct. 5.
Apparatus for applying liquid size to pottery ware. W. J. Miller. 2,450,438, Oct. 5.
Apparatus for coating fiber insulation board. C. G. Muench. 2,450,681, Oct. 5.
Apparatus for deoxidizing metal sheet edge portions. A. L. Kronquest. 2,450,669, Oct. 5.
Apparatus for diverting mineral wool from blow rooms. H. R. Harner, R. L. Lindemuth, and A. L. Jones. 2,450,511, Oct. 5.
Apparatus for extinguishing fires. H. V. Williamson. 2,450,537, Oct. 5.
Apparatus for refrigeration of liquors. H. B. Millet. 2,450,735, Oct. 5.
Apparatus for removal of annular scratches. A. H. Heinrich. 2,450,797, Oct. 5.
Apparatus for simulating wind effects in aviation ground trainers. C. J. Crane. 2,450,421, Oct. 5.
Apparatus for treating rubber-reinforcing cord fabric. M. W. Wilson. 2,450,847, Oct. 5.
Apparatus for tuning variable electrical oscillators. L. C. Stenning. 2,450,696, Oct. 5.
Apple juice and milk modifier, Concentrated. H. St. Clair. 2,450,456, Oct. 5.
Aqueous dispersions of synthetic rubbers, Preparation of. C. F. Brown. 2,450,578–9, Oct. 5.
Aromatic nitriles, Production of. W. I. Denton and R. B. Bishop. 2,450,639, Oct. 5.
Aromatic nitriles, Production of. M. M. Marisic, W. I. Denton, and R. B. Bishop. 2,450,677, Oct. 5.
Asphalt and catalytic preparation thereof, Air-blown. A. J. Hoiberg. 2,450,756, Oct. 5.
Assembly and ring, Piston. W. G. Sanders. 2,450,693, Oct. 5.
Assembly for gas ranges, Gas supply manifold. G. F. Whitehead. 2,450,744, Oct. 5.
Attachment for sewing machines, Binding. T. J. Horwath. 2,450,663, Oct. 5.
Attachment for shoes, Nonskid. H. M. Pulver. 2,450,768, Oct. 5.
Automatic adjustable chair. H. Gleitsman and D. Hoenig. 2,450,654, Oct. 5.
Bag coupling. C. F. Foley. 2,450,544, Oct. 5.
Bath tank, Spinning. R. H. de Lacotte and E. Colombu. 2,450,750, Oct. 5.
Baton. H. K. Foster. 2,450,545, Oct. 5.
Beaming or warping machine. F. Lambach. 2,450,431, Oct. 5.
Bed rail blank. W. R. Elrad. 2,450,723, Oct. 5.
Bedrail pin. E. J. Wilcox. 2,450,820, Oct. 5.
Belt connector. J. A. Luther. 2,450,519, Oct. 5.
Belting. H. Brammer. 2,450,576, Oct. 5.
Bicycle. C. W. Kerr. 2,450,598, Oct. 5.
Binding. C. E. Emmer. 2,450,785, Oct. 5.
Bit: *See*—
  Poultry bit.
Blade construction, Propeller. R. H. Mills. 2,450,440, Oct. 5.
Blower. B. Essick. 2,450,647, Oct. 5.
Bobbin winder for sewing machines. L. C. Marsac. 2,450,837, Oct. 5.
Board: *See*—
  Apparatus for coating fiber insulation board.
  Checkered game board.
Box: *See*—
  Folding box.
Bracket. M. Drije. 2,450,722, Oct. 5.
Brake: *See*—
  Load compensating brake.
Brush for dynamoelectric machines. C. A. Thomas. 2,450,698, Oct. 5.
Brush, Gin. E. C. May. 2,450,679, Oct. 5.
Brush holder. C. H. Pierce. 2,450,736, Oct. 5.
Buffing wheel. S. S. Smith. 2,450,454, Oct. 5.
Burner: *See*—
  Gas burner.
  Oil burner.
Butadiene in aqueous emulsion in the presence of an alkali metal salt of hydroxytetrahydroabietic acid, Polymerizing. J. N. Borglin. 2,450,416, Oct. 5.
Cabinet: *See*—
  Kitchen cabinet.
Calculator. E. G. Kesling. 2,450,668, Oct. 5.
Cap: *See*—
  Strainer cap.
Capacitor, Electric. R. G. and L. W. Flowers. 2,450,650, Oct. 5.
Carbon alignment device for arc lamps. H. I. Huff. 2,450,477, Oct. 5.
Carbonated water dispenser. W. C. Buttner and H. E. Allshouse. 2,450,825, Oct. 5.
Carburetor. S. F. Hunt. 2,450,831, Oct. 5.
Card separating device. C. R. Nyman. 2,450,442, Oct. 5.
Carriage, Embossing machine. J. H. Gruver. 2,450,725, Oct. 5.
Carriage for endless band meat cutting machines. Reciprocating. W. Lasar. 2,450,601, Oct. 5.
Carry mechanism, Grawl. H. M. Fleming. 2,450,787, Oct. 5.
Case and projection unit, Combined carrying. M. R. Hutchison, Jr. 2,450,757, Oct. 5.
Casing for pumps. I. R. Loss. 2,450,671, Oct. 5.
Catalyst chamber construction. J. W. Loy. 2,450,804, Oct. 5.
Cellular thermoplastic products, Manufacture of. O. R. McIntire. 2,450,436, Oct. 5.
Cement, Sorel. D. S. Hubbell. 2,450,513, Oct. 5.
Centrifugal casting. A. K. Higgins. 2,450,755, Oct. 5.
Centrifugal casting. T. C. Kuhlman. 2,450,832, Oct. 5.
Chain: *See*—
  Conveyer chain.
  Tire chain.
Chain link, Transmission. R. L. Saifyrd. 2,450,565, Oct. 5.
Chair: *See*—
  Automatic adjustable chair.
  Checkered game board.
Cheese, Making. Z. D. Roundy and H. L. Kell. 2,450,814, Oct. 5.
Chromium compounds and compositions containing them, Rust preventive. P. R. McCarthy. 2,450,806–7, Oct. 5.
Chuck, Diaphragm. G. and E. F. Hohwart. 2,450,800, Oct. 5.
Circuit: *See*—
  Supervisory indicating circuit.
Circuit maker and breaker. J. T. L. Brown. 2,450,499, Oct. 5.
Clamp: *See*—
  Railroad rail clamp.
Clarifier, Liquid. J. P. North. 2,450,522, Oct. 5.
Cleaner: *See*—
  Egg cleaner.
  Suction cleaner.
Closure for dishwashing machines, Multiple. L. A. Loeb. 2,450,670, Oct. 5.
Closure means for containers. V. E. Ramsey. 2,450,811, Oct. 5.
Coating apparatus, Confectionery. J. G. Herrmann. 2,450,661, Oct. 5.
Coating by evaporating metals. W. H. Colbert and A. R. Weinrich. 2,450,850–7, Oct. 5.
Coil tester, Electrical. A. G. Brown. 2,450,577, Oct. 5.
Collar, Horse. L. Y. Davis. 2,450,719, Oct. 5.
Comparator, Interferometric. G. E. Merritt. 2,450,839, Oct. 5.
Compartmented container. J. H. Cassidy and R. M. Grunden. 2,450,419, Oct. 5.
Composition for descaling ferrous metal. H. A. Robinson. 2,450,861, Oct. 5.
Compositions on surfaces, Forming plastic coating. F. E. Drummond. 2,450,503, Oct. 5.
Compounded oil. J. O. Clayton. 2,450,633, Oct. 5.
Compressor, Axial flow. K. Baumann. 2,450,745, Oct. 5.
Compressor, Motor-driven. R. T. Cornelius. 2,450,468, Oct. 5.
Condenser and brush mounting for dynamoelectric machines. J. Nader. 2,450,809, Oct. 5.

Connection, Swivel. N. M. Couty. 2,450,581, Oct. 5.
Connector: *See*—
  Belt connector.
  Electrical connector.
  Stamped chain connector.
Constant flow pump. C. A. Elwood. 2,450,751, Oct. 5.
Container: *See*—
  Compartmented container.
Container for paper sheets, Single blank. O. H. Ogren. 2,450,558, Oct. 5.
Control apparatus for internal-combustion engines. M. E. Chandler. 2,450,826, Oct. 5.
Control apparatus for internal-combustion engines. L. Lee, II. 2,450,834, Oct. 5.
Control circuit for indicating movements of position indicators, Electrical. J. R. Lindsay. 2,450,479, Oct. 5.
Control device, Level responsive. H. A. Schlieder. 2,450,739, Oct. 5.
Control means for motor-driven letoffs. A. Palmer and V. F. Sepavich. 2,450,485, Oct. 5.
Control means responsive to movements of a refrigerator door, Humidity. J. J. Bauman. 2,450,823, Oct. 5.
Control mechanism for guns, Fire. J. Harrington, Jr. 2,450,551, Oct. 5.
Control valve device, Duplex. H. C. May. 2,450,481, Oct. 5.
Converter for suction cleaners. D. C. Gerber. 2,450,828, Oct. 5.
Converter for suction cleaners. H. B. White. 2,450,846, Oct. 5.
Converter mechanism, Motion. C. R. Sacchini and L. N. Vandervoort. 2,450,692, Oct. 5.
Conveyer chain. J. L. Clarkson. 2,450,501, Oct. 5.
Coupler for air lines. R. T. McElhose. 2,450,808, Oct. 5.
Coupling: *See*—
  Bag coupling.
  Expansion coupling.
  Semiautomatic coupling.
Cover for textile fiber drafting, Roll. J. W. Baymiller. 2,450,409–10, Oct. 5.
Crystal apparatus, Piezoelectric. W. P. Mason. 2,450,434, Oct. 5.
Curler. J. K. O. Farrell. 2,450,752, Oct. 5.
Cutter: *See*—
  Portable tile cutter.
Cyclohexylcarbinyl thiocyano esters. R. C. Morris, A. V. Snider, and P. H. Williams. 2,450,765, Oct. 5.
Dampener, Vibration. N. E. Wahlberg and F. F. Kishline. 2,450,701, Oct. 5.
Data transmission system, Telemetric. F. S. Kinkead, W. A. Phelps, E. M. Smith, F. J. Singer, and L. E. Melhuish. 2,450,516, Oct. 5.
Decoy. V. Ballard. 2,450,572, Oct. 5.
Dehydrating apparatus, Sprayer for. S. A. Kloda. 2,450,599, Oct. 5.
Dehydrating system. A. G. Sherman. 2,450,843, Oct. 5.
Dental impression accessory. R. E. Hawkinson. 2,450,591, Oct. 5.
Dextrins from stillage sirup, Recovering. H. W. Coles. 2,450,717, Oct. 5.
Dimethyl and ethyl thiophenes, Production of. H. E. Rasmussen and R. C. Hansford. 2,450,687, Oct. 5.
Discharge tube with electronic velocity filter, Thermionic. A. Levialdi. 2,450,602, Oct. 5.
Dispenser: *See*—
  Carbonated water dispenser.
Dispenser for rolled sheet material. A. E. Whiteley. 2,450,496, Oct. 5.
Dispensing apparatus, Liquefied gas. W. C. Buttner. 2,450,824, Oct. 5.
Display device. W. S. Leech. 2,450,759, Oct. 5.
Distillation apparatus for treating fatty acid containing stock. R. H. Potts. 2,450,611, Oct. 5.
Distillation of fatty acid stock by fractionation and flash steps. R. H. Potts. 2,450,612, Oct. 5.
Distillation process for separating products of carbon tetrachloride fluorination. A. F. Benning. 2,450,415, Oct. 5.
Distillation process for separating products of chloroform fluorination. A. F. Benning. 2,450,414, Oct. 5.
Distributor mechanism. A. Williams and O. E. Meyer, Sr. 2,450,704, Oct. 5.
Door frame. R. R. Magaw and K. H. Miller. 2,450,673, Oct. 5.
Door lock. J. H. Milligan. 2,450,840, Oct. 5.
Door lock. W. R. Schlage. 2,450,449, Oct. 5.
Door structure, Disappearing. W. T. Hormes. 2,450,593, Oct. 5.
Double seal grip tool joint. M. E. Boehm. 2,450,453, Oct. 5.
Drafting element, Textile fiber. J. W. Baymiller. 2,450,408, Oct. 5.
Drier: *See*—
  Fruit drier.
Drum, Buffing. J. L. Smith. 2,450,617, Oct. 5.
Dry cell, Leakproof. O. K. Reinhardt and T. F. Fallon. 2,450,813, Oct. 5.
Dry-cleaning emulsion. J. R. Fisher, Jr. 2,450,505, Oct. 5.
Ductless system. A. H. Bahnson, Jr. 2,450,571, Oct. 5.
Dyeing of alkali-sensitive fibers, including an acid reduction of the vat dye impregnated fibers, Vat. G. K. Politica. 2,450,767, Oct. 5.
Dynamoelectric machine. R. D. Jones. 2,450,664, Oct. 5.
Earthworm disgorging device. J. B. Karnowski. 2,450,597, Oct. 5.
Easel. H. Ullmann. 2,450,495, Oct. 5.
Edge trimming machine. F. F. Murray. 2,450,842, Oct. 5.
Egg cleaner. E. T. Molitor. 2,450,606, Oct. 5.
Electric plug. M. M. Guernsey. 2,450,657, Oct. 5.
Electrical connector. E. A. Sprigg. 2,450,528, Oct. 5.
Electrical cord. G. E. Henning. 2,450,429, Oct. 5.
Electrical networks for phase shifters. S. W. Seeley. 2,450,616, Oct. 5.
Electrode system. E. C. Thomson. 2,450,459, Oct. 5.
Emulsion containing nitraniline sulfonic acids, Photographic. B. H. Carroll. 2,450,747, Oct. 5.
Enol acetates of alpha-diketones, Preparing. H. J. Hagemeyer, Jr. 2,450,754, Oct. 5.
Erythemal phosphor. J. H. Gisolf, F. A. Kröger, and J. Bakker. 2,450,548, Oct. 5.
Ethers of 1-methylolcyclohexyl-cyclohexyl-carbinol. J. E. Bludworth and D. P. Easter. 2,450,498, Oct. 5.
Ethylene, Polymerization of. L. Schmerling. 2,450,451, Oct. 5.
Evaporation and concentration of liquids. G. G. Zahm. 2,450,774, Oct. 5.
Expansion coupling. G. J. Thompson, G. L. Koester, Jr., and J. B. Fullman. 2,450,458, Oct. 5.
Facsimile synchronizing system. W. G. H. Finch. 2,450,649, Oct. 5.
Fan, Centrifugal. P. Anderson. 2,450,708, Oct. 5.
Fastener: *See*—
  Slide fastener.
Filter: *See*—
  Air filter.
  Safelight filter.
Filter. R. Lepsoe and E. L. Jones. 2,450,865, Oct. 5.
Fire extinguisher. N. J. Thompson. 2,450,569, Oct. 5.
Firing mechanism, Gun. C. H. Samuel. 2,450,447, Oct. 5.
Flashlight attachment for small arms. L. H. Dodge. 2,450,584, Oct. 5.
Flask. J. D. Schwartz. 2,450,567, Oct. 5.
Fluid heating and cooling system, Automatic electric. P. A. Johnson. 2,450,478, Oct. 5.
Fluid-pressure-responsive element. J. W. Beecher. 2,450,625, Oct. 5.
Folding box. E. Barber. 2,450,573, Oct. 5.
Folding breakfast nook. O. V. Kendall. 2,450,515, Oct. 5.
Folding ski. J. P. Beaudin. 2,450,538, Oct. 5.
Folding table. M. L. Clare. 2,450,827, Oct. 5.
Food, Freezing. F. B. Doyle. 2,450,645, Oct. 5.
Food products, Concentrating highly colloidal. G. G. Zahm. 2,450,775, Oct. 5.
Footwear and making it. J. S. Kamborian. 2,450,666, Oct. 5.
Forging machine. W. H. Wineman. 2,450,621, Oct. 5.
Forming and ejecting die castings. L. H. Morin. 2,450,482, Oct. 5.
Forming device, Charge. L. Lee, II. 2,450,833, Oct. 5.
Frame: *See*—
  Door frame.
Froth flotation of silicious gangue from an alkaline magnetic iron ore pulp with an amine. F. D. DeVaney. 2,450,720, Oct. 5.
Fruit drier. F. C. Gullo. 2,450,590, Oct. 5.
Fruit picker. C. D. Ray. 2,450,812, Oct. 5.
Garment. E. Buchler. 2,450,631, Oct. 5.
Garment hanger. W. F. Helwig. 2,450,512, Oct. 5.
Gas burner. A. H. Greaves. 2,450,790, Oct. 5.
Gas burner. E. H. Mueller. 2,450,483, Oct. 5.
Gas burner. E. H. Mueller. 2,450,680, Oct. 5.
Gauge: *See*—
  Lens marking gauge.
  Maximum load indicating gauge.
Gear: *See*—
  Milling machine control gear.
Generator: *See*—
  Ultra high frequency magnetron generator.
Generator vacuum tube and cathode structure therefor, Ultra high frequency. J. W. McNall. 2,450,763, Oct. 5.
Golf balls, Making practice. W. Grobner. 2,450,474, Oct. 5.
Grading ruler, Pattern. B. Rothblum. 2,450,769, Oct. 5.
Guard for fishhooks, Weed. H. M. Helmark. 2,450,796, Oct. 5.
Guide for commode tanks, Spring type. L. E. Phelps. 2,450,609, Oct. 5.
Gun sight, Multiple reticle collimating. L. H. Brown. 2,450,712, Oct. 5.
Hair curler. E. Eppich. 2,450,542, Oct. 5.
Hair curler. D. B. Redward and C. J. Peterson. 2,450,560, Oct. 5.
Hair retainers, Making. L. T. Sawyer. 2,450,448, Oct. 5.
Hanger: *See*—
  Garment hanger.
Hanger for frames, Adjustable. D. H. Bratburd. 2,450,465, Oct. 5.
Hat form, Adjustable. A. Moebes. 2,450,521, Oct. 5.
Headrest and backrest in a beach or lawn chair, Combination. H. H. Collins. 2,450,783, Oct. 5.
Heating plant. S. Ria. 2,450,561, Oct. 5.
Heating system, High-frequency induction. H. W. Anderson. 2,450,623, Oct. 5.
Helicopter. N. N. Soloviff and N. G. Kling. 2,450,491, Oct. 5.
Herbicidal composition. A. L. Flenner. 2,450,543, Oct. 5.
High-voltage rectifying tube. M. J. Snijders. 2,450,770, Oct. 5.
Hoist. V. L. Darnell. 2,450,718, Oct. 5.

Hoist. S. S. McIntyre. 2,450,605, Oct. 5.
Holder: *See*—
Brush holder. Toothbrush holder.
Ironing cord holder.
Sanitary dental floss holder.
Holder for photographic cameras. Sentitized-material. M. B. Moore. 2,450,841, Oct. 5.
Hull, Concave hydroplane. W. B. Jutte. 2,450,665, Oct. 5.
Hydraulic bumper jack. H. E. Page. 2,450,608, Oct. 5.
Hydrocarbons and improved catalysts therefor, Isomerization of. C. O. Meyers. 2,450,764, Oct. 5.
Hydrocarbons, Synthesis of. A. Clark. 2,450,500, Oct. 5.
Indicating apparatus. L. Lee, II. 2,450,835, Oct. 5.
Indicating device. L. D. Smullin and J. B. Wiesner. 2,450,618, Oct. 5.
Inking apparatus for printing machines. W. G. Thomlinson. 2,450,494, Oct. 5.
Insulating means and making the same. T. Tognola. 2,450,532, Oct. 5.
Ironing cord holder. G. E. Campbell. 2,450,714, Oct. 5.
Jack: *See*—
Hydraulic bumper jack.
Reversible rack and pawl jack.
Joint: *See*—
Double seal grip tool joint.
Seal grip tool joint.
Kitchen cabinet. G. E. Watts. 2,450,702, Oct. 5.
Lapping or polishing. C. C. Stevens. 2,450,742, Oct. 5.
Lasting device. L. G. Miller. 2,450,557, Oct. 5.
Lathe attachment. T. Foster. 2,450,788, Oct. 5.
Lawn mower. J. A. E. Carlson. 2,450,849, Oct. 5.
Lead trowel. L. M. Proffit. 2,450,860, Oct. 5.
Lens marking gauge. C. W. Focht. 2,450,651, Oct. 5.
Lens polishing. F. G. Leeman. 2,450,433, Oct. 5.
Letoff for looms. A. Palmer and V. F. Sepavich. 2,450,484, Oct. 5.
Letoff for looms. V. F. Sepavich and C. R. Kronoff. 2,450,489, Oct. 5.
Lift, Vehicle. J. Felzer. 2,450,648, Oct. 5.
Limiter. S. R. Rich. 2,450,443, Oct. 5.
Linkage for artificial legs. G. G. Havens. 2,450,728, Oct. 5.
Load compensating brake. A. J. Bent. 2,450,464, Oct. 5.
Lock: *See*—
Door lock.
Lock controlled switch. C. M. Whelan. 2,450,819, Oct. 5.
Lock device for well tools. A. A. Baker. 2,450,822, Oct. 5.
Locket. G. E. Speicher. 2,450,620, Oct. 5.
Locking member, Oxygen connection. J. L. Hight. 2,450,430, Oct. 5.
Macaroni products, Preparation of. R. Samson. 2,450,525, Oct. 5.
Machine mount, Dynamoelectric. W. J. Elks. 2,450,422, Oct. 5.
Magazine with release mechanism, Bomb rack. J. C. Cantley. 2,450,540, Oct. 5.
Magnetron, Tunable. S. Sonkin. 2,450,619, Oct. 5.
Mass spectrometry. H. W. Washburn. 2,450,462, Oct. 5.
Mattress construction, Air. H. O. Veach. 2,450,669, Oct. 5.
Maximum load indicating gauge. J. D. Donaldson. 2,450,644, Oct. 5.
Measuring apparatus responsive to variable conditions. J. E. Watkins. 2,450,772, Oct. 5.
Mechanical pool table. F. Radinsky. 2,450,613, Oct. 5.
Method and apparatus for manufacturing pottery ware. W. J. Miller. 2,450,437, Oct. 5.
Method and apparatus for molding shoe uppers. B. Shinberg and H. Shrager. 2,450,490, Oct. 5.
Method of and apparatus for use in lasting footwear. J. S. Kamborian. 2,450,667, Oct. 5.
Methyl hydroxy-isopropyl keton, Making. R. R. Dreisbach and G. B. Heusted. 2,450,646, Oct. 5.
Methyl 6-hydroxydehydroabietate, Methylation of. H. H. Zeiss. 2,450,706, Oct. 5.
Methyl thiophene, Production of. H. E. Rasmussen and R. C. Hansford. 2,450,686, Oct. 5.
Milling machine control gear. J. Frye. 2,450,546, Oct. 5.
Mine. J. E. Bartgis, Jr. 2,450,407, Oct. 5.
Mineral oil composition and improving agent thereof. H. G. Berger, T. T. Noland, and E. W. Fuller. 2,450,405, Oct. 5.
Mixer. J. Johnson. 2,450,802, Oct. 5.
Modulation. C. A. Rosencrans. 2,450,445, Oct. 5.
Motion-picture film reel. A. Koppel. 2,450,517, Oct. 5.
Motor drive for loom letoffs, Two-speed. R. S. Schedin. 2,450,488, Oct. 5.
Motor-driven loom letoff, Electronically controlled. R. F. Dion. 2,450,470, Oct. 5.
Motor sled. M. Schmid. 2,450,566, Oct. 5.
Motor with piston actuated distributing valve and manually actuated parking valve, Fluid operated. C. R. Sacchini. 2,450,564, Oct. 5.
Mounting: *See*—
Semirimless spectacle mounting.
Mounting a roll on a shaft, Resiliently. F. L. Haushalter. 2,450,727, Oct. 5.
Mounting for guns, Telescope. R. Carlson. 2,450,466, Oct. 5.
Mounting means for mercury switches and relays, Electrode. H. E. Bucklen, III. 2,450,780, Oct. 5.
N-formylisopropylidenepenicillamine, Resolution of. W. M. Duffin and S. Wilkinson. 2,450,784, Oct. 5.
Necktie forming device. J. J. Dorkin. 2,450,471, Oct. 5.
Net for buildings, Fire. A. Jones. 2,450,595, Oct. 5.
Nickel, Electrolytic refining of. A. M. Gronningsaeter and B. G. Hommeren. 2,450,426, Oct. 5.
Nitriles, Production of. H. P. Caldwell, Jr., and H. D. Chapman. 2,450,632, Oct. 5.
Nitriles, Production of. W. I. Denton and R. B. Bishop. 2,450,636–8, Oct. 5.
Nitriles, Production of. W. I. Denton and R. B. Bishop. 2,450,640–2, Oct. 5.
Nitriles, Production of. M. M. Marisic, W. I. Denton, and R. B. Bishop. 2,450,675–6, Oct. 5.
Nitriles, Production of. M. M. Marisic, W. I. Denton, and R. B. Bishop. 2,450,678, Oct. 5.
Noise eliminator, Electronic. R. K. Vermillion. 2,450,818, Oct. 5.
Nonhide cutting fleshing tool. C. W. Culdice. 2,450,502, Oct. 5.
Nonpositional line signal. J. G. Mitchell. 2,450,441, Oct. 5.
Nonskid device. C. E. Russell. 2,450,691, Oct. 5.
Nut, Self-locking. J. A. Sauer. 2,450,694, Oct. 5.
Oil burner. D. C. Breault. 2,450,418, Oct. 5.
Oil centrifuge with plural concentric separating zones. B. C. Rundquist. 2,450,737, Oct. 5.
Oil refilling device. C. G. Vokes and A. H. Fowler. 2,450,700, Oct. 5.
Oils, Desulfurization of. B. L. Evering, A. P. Lien, and J. M. Page, Jr. 2,450,588, Oct. 5.
Operating system, Circuit breaker. A. C. Boisseau, B. S. Beall, E. J. Frank, and R. W. Lowery. 2,450,628, Oct. 5.
Organo-siloxanes and preparing them. J. F. Hyde. 2,450,594, Oct. 5.
Oscillator, Gas discharge. C. W. Hansell. 2,450,475, Oct. 5.
Oxide compositions, Aluminum. A. C. Nixon and O. L. Davis. 2,450,766, Oct. 5.
Oxidizing unsaturated fatty bodies. J. D. Fitzpatrick and L. D. Myers. 2,450,858, Oct. 5.
Pallet. H. Lehrman. 2,450,432, Oct. 5.
Pallet. P. M. Wisberger. 2,450,848, Oct. 5.
Paper pulp screen. W. F. Mathewson. 2,450,838, Oct. 5.
Partitioning and spacing element and combination thereof with a container, Composite. J. G. Huye. 2,450,801, Oct. 5.
Pea shooter. E. W. and V. C. Helberg. 2,450,630, Oct. 5.
Pencil, One-piece wooden body. C. C. Harris. 2,450,476, Oct. 5.
Phenoxyphenyl propyl amines. R. Biedermann. 2,450,497, Oct. 5.
Photometers, particularly for measuring the contrast of a lens, Flicker. S. M. MacNeille. 2,450,761, Oct. 5.
Pick motion for looms. W. H. West. 2,450,463, Oct. 5.
Pin: *See*—
Bedrail pin.
Pitch impeller, Variable. C. W. Cline. 2,450,420, Oct. 5.
Plate treatment, Tin. C. E. Glock. 2,450,508–9, Oct. 5.
Plate trimmer control. A. O. Behnke and C. Kriegel. 2,450,411, Oct. 5.
Platform, Loading. W. H. Rambo. 2,450,684, Oct. 5.
Pliers with link connected handle and jaw. A. H. Hagen. 2,450,791, Oct. 5.
Plug: *See*—
Electric plug.
Plug for engine failure warning systems, Signal. E. W. Bourne, Jr. 2,450,630, Oct. 5.
Pocketknife. A. F. Teigen. 2,450,697, Oct. 5.
Polyhydric alcohol esters of alpha-olefinic dicarboxylic acids with ethylenic monomers, Controlling polymerisation of. E. C. Hurdis. 2,450,552, Oct. 5.
Polymers of an unsaturated alkyd resin and an unsaturated halogenated compound and method of producing same. B. W. Nordlander. 2,450,682, Oct. 5.
Polymers of vinyl chloride plasticised with a dioctyl phthalate and liquid petrolatum. A. J. McGillicuddy. 2,450,435, Oct. 5.
Portable tile cutter. C. F. Parker. 2,450,523, Oct. 5.
Positioning device, Instrument. J. C. Jorgensen. 2,450,554, Oct. 5.
Post and insulator for electric fences. G. Hord. 2,450,730, Oct. 5.
Potato cutter, including an endless conveyer feeding to a stationary cutter, Seed. A. H. Crozier. 2,450,583, Oct. 5.
Poultry bit. T. M. Elgersma. 2,450,587, Oct. 5.
Poultry treatment composition. N. F. Morehouse and O. J. Mayfield. 2,450,866, Oct. 5.
Power transmission. K. R. Herman. 2,450,729, Oct. 5.
Power transmission. A. M. Lane, K. V. Kirkpatrick, and R. A. Erskine. 2,450,733, Oct. 5.
Printing appliance. J. P. Gowland. 2,450,656, Oct. 5.
Printing inks, Emulsion. A. Voet. 2,450,534, Oct. 5.
Process and apparatus for coagulating a coagulable fluid. T. A. Te Grotenhuis. 2,450,457, Oct. 5.
Propeller blade, Hollow. C. J. Snyder. 2,450,455, Oct. 5.
Propeller hubs, Forming. G. W. Hardy. 2,450,660, Oct. 5.
Propeller, Tilting balanced duplex. A. B. Zimmerman. 2,450,821, Oct. 5.

Protective device, Overload. C. W. Kuhn. 2,450,600, Oct. 5.
Pump: *See*—
Constant flow pump.
Variable displacement pump.
Purging system for refrigerating systems. J. R. Zwickl. 2,450,707, Oct. 5.
Radius tool. A. E. De Martin. 2,450,469, Oct. 5.
Railroad rail clamp. L. R. Parsons. 2,450,559, Oct. 5.
Receptacle and plug, Polarised house wiring. C. L. Clark. 2,450,467, Oct. 5.
Recovery of protein from proteinous materials. A. V. L. Opper and W. P. ter Horst. 2,450,810, Oct. 5.
Reel: *See*—
Motion-picture film reel.
Refrigerating system using dry ice and including a secondary heat exchange circuit. R. L. Brunsing. 2,450,713, Oct. 5.
Refrigerator provided with a refrigerated drawer. F. W. Stuart. 2,450,844, Oct. 5.
Resilient wheel. J. M. MacLean. 2,450,672, Oct. 5.
Retaining ring. F. D. Frisby. 2,450,425, Oct. 5.
Reversible rack and pawl jack. A. Kais. 2,450,596, Oct. 5.
Ring: *See*—
Retaining ring.
Ring. C. E. Marshall. 2,450,762, Oct. 5.
Roaster. A. F. Rommel. 2,450,563, Oct. 5.
Rocker arm, Engine. J. M. Leake. 2,450,556, Oct. 5.
Roof tank and piping therefor, Floating. W. G. Laird. 2,450,758, Oct. 5.
Rubber, Working. S. Bolling. 2,450,575, Oct. 5.
Rutin, Extraction of. H. F. Koones. 2,450,555, Oct. 5.
Saccharifying plant materials. J. W. Dunning and E. C. Lathrop. 2,450,586, Oct. 5.
Safelight filter. L. E. Bliss. 2,450,746, Oct. 5.
Safety device for rubber mills. J. E. Lodge. 2,450,760, Oct. 5.
Sampler, Milk. W. S. Campbell. 2,450,715, Oct. 5.
Sanitary dental floss holder. J. E. Dembenski. 2,450,635, Oct. 5.
Sanitary garment. J. G. Frieman. 2,450,789, Oct. 5.
Scald development on fruit, Reducing. H. A. Schomer. 2,450,615, Oct. 5.
Scooping device, Wheeled. W. H. Ditzler. 2,450,721, Oct. 5.
Scratches in hollow poppet valve stems, Removal of annular. J. G. Sterling. 2,450,817, Oct. 5.
Screen: *See*—
Paper pulp screen.
Screen structure for rotary beater mills, Removable. R. W. Stevenson. 2,450,492, Oct. 5.
Screw driver. J. Majeski, Jr. 2,450,734, Oct. 5.
Screw driver having removable ratchet grip. E. G. Farson. 2,450,504, Oct. 5.
Seal grip tool joint. F. L. Scott. 2,450,452, Oct. 5.
Semiautomatic coupling. V. C. Smith and P. E. Bohn. 2,450,527, Oct. 5.
Semirimless spectacle mounting. S. E. Bouchard. 2,450,711, Oct. 5.
Setting mechanism for guns, Fuse. B. Jorgensen. 2,450,553, Oct. 5.
Shade, Blindlike. A. Cascia. 2,450,782, Oct. 5.
Shield for telephone transmitters, Sanitary. I. V. Weisbrod. 2,450,703, Oct. 5.
Shirt hold-down device. F. R. Sinopoli. 2,450,568, Oct. 5.
Shock absorber. E. W. Johnson. 2,450,731, Oct. 5.
Shoe attachment for wheels, Traction. C. J. Achenbach. 2,450,776, Oct. 5.
Shoe machine. A. E. Diessel. 2,450,643, Oct. 5.
Shunt transformer, Movable magnetic. H. A. W. Klinkhamer. 2,450,732, Oct. 5.
Signal: *See*—
Nonpositional line signal.
Silver halide emulsion supersensitized with a c-acyloxy quinoline base, Photographic. B. H. Carroll and J. Spence. 2,450,748, Oct. 5.
Sits bath. S. F. Oliver. 2,450,607, Oct. 5.
Ski binding. K. G. Humlegard. 2,450,514, Oct. 5.
Ski binding. J. H. Schieder. 2,450,526, Oct. 5.
Ski binding. F. G. Tappé. 2,450,531, Oct. 5.
Slicer having a stationary wire grid and a reciprocating plunger, Potato. W. H. Schmitt. 2,450,740, Oct. 5.
Slide fastener. L. Brozek. 2,450,779, Oct. 5.
Slider for slide fasteners, Locking. J. B. Griffin and A. W. Hagan. 2,450,550, Oct. 5.
Sludge index for engine oils, Determining a. E. P. Lomasney. 2,450,603, Oct. 5.
Snake and feeding device therefor, Plumber's. C. J. Perry. 2,450,486, Oct. 5.
Socket connections, Making electrical. E. A. Sprigg. 2,450,529, Oct. 5.
Solder. H. M. Boonen. 2,450,778, Oct. 5.
Solid polymer, Continuous process for making. P. J. Gaylor. 2,450,547, Oct. 5.
Spinning, twisting, and analogous machine, Centrifugal. F. Wright. 2,450,622, Oct. 5.
Spot welding metal keys to metal can ends. N. H. Goldsworthy. 2,450,655, Oct. 5.
Stamped chain connector. R. J. Howison. 2,450,592. Oct. 5.
Starting and ignition system. C. W. Root. 2,450,524, Oct. 5.
Steel shank, Arch. F. Aquilino. 2,450,624, Oct. 5.
Sterilizer. R. W. Snider. 2,450,816, Oct 5.
Stop mechanism for embossing machine carriages, Margin. J. H. Gruver. 2,450,726, Oct. 5.
Stop motion, Roller clearer. M. E. Russell. 2,450,738, Oct. 5.
Strainer accommodating attachment, Milk can. P. P. Hanson. 2,450,510, Oct. 5.
Strainer cap. G. W. Maddux. 2,450,520, Oct. 5.
Strip for roofs and sidings, Covering. W. B. Robinson and G. E. Swenson. 2,450,562, Oct. 5.
Strip forming apparatus. C. W. Hazelett. 2,450,428, Oct. 5.
Suction cleaner. C. G. Troxler and G. P. Daiger. 2,450,845, Oct. 5.
Sugar, Refining of. E. E. Pittman. 2,450,683, Oct. 5.
Sulfamyl-2-mercaptobenzothiazoles. C. F. H. Allen and A. Bell. 2,450,777, Oct. 5.
Sulfonation process. E. L. d'Ouville and D. E. Burney. 2,450,585, Oct. 5.
Sulfur and hydrocarbon reactions and products. R. C. Hansford, H. E. Rasmussen, and A. N. Sachanen. 2,450,659, Oct. 5.
Sulfur containing hydrocarbons, Conversion of. H. W. Grote. 2,450,724, Oct. 5.
Sulfur dioxide and olefins, Moldable reaction products of. F. E. Frey. 2,450,424, Oct. 5.
Sulfur vulcanizing agent, method for its utilization and vulcanizable compositions containing the same, Plastic. W. E. Vaughan and B. Barnett. 2,450,771, Oct. 5.
Supervisory indicating circuit. J. Schmidinger. 2,450,450, Oct. 5.
Supply of liquid fuel to prime mover, Automatically controlling the. E. A. Watson and R. J. Ifield. 2,450,535, Oct. 5.
Support: *See*—
Ankle support.
Wrecking truck boom support.
Support for hammocks. P. Richmond. 2,450,689, Oct. 5.
Switch: *See*—
Lock controlled switch.
Switch mechanism. F. C. Williams. 2,450,705, Oct. 5.
Table: *See*—
Folding table. Mechanical pool table.
Tenderizing machine, Meat. G. M. Richard. 2,450,688, Oct. 5.
Terminal structure. J. W. Fraser and L. Gordon. 2,450,423, Oct. 5.
Testing machine, Impact. R. U. Hofmann. 2,450,662, Oct. 5.
Tetrabasic acids, Manufacture of. H. S. Bloch. 2,450,627, Oct. 5.
Thiodihydracrylic acids, Production of. R. T. Dean and E. O. Hook. 2,450,634, Oct. 5.
Thiophene, Production of. R. C. Hansford, H. E. Rasmussen, C. G. Myers, and A. N. Sachanen. 2,450,658, Oct. 5.
Thiosemicarbazide, Obtaining. L. L. Bambas. 2,450,406, Oct. 5.
Tie bar for open-top trucks, Top-stiffening. J. M. and C. T. Falk. 2,450,589, Oct. 5.
Tie, Made-up bow. A. Schreter. 2,450,741, Oct. 5.
Tile, Hearth. S. N. and W. B. Levy. 2,450,836, Oct. 5.
Timing apparatus, Electronic. E. C. Thomson. 2,450,460, Oct. 5.
Timing control, Adjustable. M. Mallory. 2,450,805, Oct. 5.
Tin, Electrodeposition of. E. F. Harris. 2,450,794–5, Oct. 5.
Tire chain. E. Schaber. 2,450,487, Oct. 5.
Tool: *See*—
Nonhide cutting fleshing tool. Radius tool.
Toolholder, Spring type. L. M. Coyle. 2,450,582, Oct. 5.
Toothbrush holder. D. Bellock. 2,450,626, Oct. 5.
Toy car unloader. W. R. Smith. 2,450,867, Oct. 5.
Tractor, Garden. D. H. Clark. 2,450,749, Oct. 5.
Transmitter, Spark. H. Benioff. 2,450,413, Oct. 5.
Transmitting and receiving compressional energy, Device for. H. Benioff. 2,450,412, Oct. 5.
Trap: *See*—
Animal trap.
Truck for handling electric refrigerators and the like. J. B. Robins. 2,450,690, Oct. 5.
Tube: *See*—
High-voltage rectifying tube.
Tube bender. J. E. Conzelman, Jr. 2,450,580, Oct. 5.
Turbine rotor and its manufacture. R. Strub. 2,450,493, Oct. 5.
Turret, Armed. E. E. Chase, E. S. Nokes, F. E. Stratton, and W. V. Goodhue. 2,450,541, Oct. 5
Ultra high frequency magnetron generator. R. J. Bondley. 2,450,629, Oct. 5.
Units for automatic pilots, Servo. P. Halpert. 2,450,427, Oct. 5.

Universal ray or beam reflecting device. R. A. Bossi. 2,450,417, Oct. 5.
Utensil, Kitchen. C. Y. Chittick. 2,450,716, Oct. 5.
Valve. J. W. Marsh. 2,450,480, Oct. 5.
Valve structure, Diaphragm puncturing. R. S. Wallach. 2,450,461, Oct. 5.
Valves, Making sheathed. P. P. Johnson. 2,450,803, Oct. 5.
Vaporiser, Electric. J. Robinson. 2,450,444, Oct. 5.
Variable displacement pump. L. E. Topham. 2,450,570, Oct. 5.
Variometer with air dielectric. J. M. Unk. 2,450,743, Oct. 5.
Vegetable oils with ferric salts and silicates, Decolorizing. A. Greentree. 2,450,549, Oct. 5.
Vehicle suspension. H. A. Flogaus. 2,450,506, Oct. 5.
Vehicle wheel. H. A. Flogaus. 2,450,507, Oct. 5.
Ventilating apparatus, Crankcase. C. R. Callaway and F. R. Dunn. 2,450,864, Oct. 5.
Vise, Cam-teeth actuated. H. Helbig. 2,450,799, Oct. 5.
Walking animal, Mechanical. F. A. Manfredi. 2,450,674, Oct. 5.
Wall covering and applying same. A. G. Ferguson. 2,450,786, Oct. 5.
Warning device, Oxygen. E. V. Rupp. 2,450,446, Oct. 5.
Water system, Air pressure. S. O. Carlson. 2,450,781, Oct. 5.
Welding system. R. L. Ringer, Jr., and C. E. Smith. 2,450,614, Oct. 5.
Wheel: *See*—
Buffing wheel. Vehicle wheel.
Resilient wheel.
Wheel plate, Dolly. J. L. Brock. 2,450,539, Oct. 5.
Windshield wiper motor with shaft operated snap action distributing valve plungers, Reciprocating expansible chamber. J. H. Galley and L. J. Carey. 2,450,653, Oct. 5.
Wool with indigo dyestuffs, Dyeing of. E. Weber. 2,450,773, Oct. 5.
Wrecking truck boom support. A. F. Heinss. 2,450,798, Oct. 5.
X-ray rectifying mechanism. D. Sussin. 2,450,530, Oct. 5.
Yarn articles, Making. A. Siefert and J. M. Laiho. 2,450,695, Oct. 5.
Yeast products, Treatment of liquid. B. Maizel. 2,450,604, Oct. 5.
Zirconia gel production equipment, Cleaning dried. T. H. Milliken, Jr. 2,450,439, Oct. 5.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 5, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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273— 122: 2,450,613
131: 2,450,829
279— 46: 2,450,800
280— 1.17: 2,450,674
11.13: 2,450,538
11.35: 2,450,514
2,450,526
2,450,531
261: 2,450,598
284— 18: 2,450,446
285— 97.5: 2,450,581
151: 2,450,452
2,450,453
162: 2,450,458
169: 2,450,808
173: 2,450,430
177: 2,450,527
187: 2,450,544
292— 337: 2,450,449
294— 1: 2,450,716
296— 40: 2,450,589
299— 63: 2,450,599
140: 2,450,418
301— 6: 2,450,507
303— 22: 2,450,464
55: 2,450,480
304— 9: 2,450,812
309— 17: 2,450,603
311— 79: 2,450,827
312—112.5: 2,450,626
315— 7: 2,450,618
21: 2,450,602
39: 2,450,629
40: 2,450,619
50: 2,450,411
108: 2,450,475
323— 19: 2,450,479
332— 37: 2,450,445
346— 8: 2,450,421

This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

2,450,411:	315—50	2,450,475:	315—168	2,450,563:	219—36	2,450,683:	127—49	2,450,729:	121—45	2,450,852:	117—35
2,450,419:	229—27	2,450,479:	323—19	2,450,573:	229—32	2,450,690:	214—65	2,450,736:	248—113	2,450,853:	117—35
2,450,423:	174—52	2,450,495:	40—152.1	2,450,579:	260—23	2,450,693:	309—17	2,450,738:	19—140	2,450,854:	117—35
2,450,428:	23—57.4	2,450,501:	196—171	2,450,602:	315—21	2,450,697:	30—154	2,450,757:	88—16.2	2,450,855:	117—35
2,450,433:	51—284	2,450,503:	117—93	2,450,613:	273—122	2,450,699:	5—350	2,450,796:	43—39	2,450,856:	117—35
2,450,445:	332—37	2,450,515:	155—83	2,450,615:	99—193	2,450,706:	260—103	2,450,816:	21—83	2,450,857:	117—35
2,450,452:	285—151	2,450,519:	24—123	2,450,618:	315—7	2,450,708:	230—259	2,450,820:	85—19	2,450,859:	51—293
2,450,453:	285—151	2,450,521:	223—25	2,450,619:	315—40	2,450,715:	73—422	2,450,837:	242—20	2,450,864:	123—119
2,450,461:	222—5	2,450,535:	138—46	2,450,629:	315—39	2,450,718:	214—1	2,450,849:	56—254		
2,450,468:	230—58	2,450,544:	285—187	2,450,635:	132—92	2,450,722:	248—311	2,450,850:	117—35		
2,450,473:	30—139	2,450,552:	260—45.4	2,450,649:	178—6.7	2,450,724:	196—28	2,450,851:	117—35		

CLASSIFICATION OF DESIGNS

D 3—19: Des. 151,289	D26— 5: Des. 151,308	D42— 8: Des. 151,301	D45—16: Des. 151,251	D48—27: Des. 151,271	D74— 1: Des. 151,307
26: Des. 151,290	7: Des. 151,311	10: Des. 151,304	Des. 151,253	D50— 5: Des. 151,280	24: Des. 151,233
D 4— 3: Des. 151,211	13: Des. 151,305	D44— 9: Des. 151,282	Des. 151,254	D54—13: Des. 151,302	D80— 5: Des. 151,209
5: Des. 151,294	14: Des. 151,279	25: Des. 151,239	Des. 151,255	D56— 4: Des. 151,241	D81—10: Des. 151,309
D 5— 4: Des. 151,293	D31— 4: Des. 151,276	29: Des. 151,312	Des. 151,256	Des. 151,298	D83— 1: Des. 151,286
D 7— 7: Des. 151,303	D33— 7: Des. 151,218	Des. 151,313	Des. 151,257	Des. 151,297	D85— 2: Des. 151,217
Des. 151,304	8: Des. 151,220	30: Des. 151,278	Des. 151,269	D57— 1: Des. 151,306	Des. 151,236
9— 2: Des. 151,307	14: Des. 151,287	D45— 1: Des. 151,268	19: Des. 151,245	Des. 151,221	D86—10: Des. 151,234
Des. 151,237	16: Des. 151,272	4: Des. 151,230	Des. 151,258	Des. 151,222	D91— 1: Des. 151,208
D12— 5: Des. 151,291	19: Des. 151,214	Des. 151,232	Des. 151,259	D58—26: Des. 151,283	Des. 151,274
D14— 3: Des. 151,235	Des. 151,215	Des. 151,252	Des. 151,260	D62— 2: Des. 151,293	D92— 1: Des. 151,223
Des. 151,240	Des. 151,216	D45— 9: Des. 151,263	Des. 151,261	D64—11: Des. 151,212	Des. 151,224
6: Des. 151,305	Des. 151,281	10: Des. 151,285	Des. 151,262	12: Des. 151,306	Des. 151,225
18: Des. 151,310	D34— 5: Des. 151,231	16: Des. 151,244	Des. 151,264	D67— 3: Des. 151,273	Des. 151,226
D15— 8: Des. 151,210	15: Des. 151,284	Des. 151,246	Des. 151,265	Des. 151,277	Des. 151,227
11: Des. 151,270	Des. 151,292	Des. 151,247	Des. 151,266	D71— 1: Des. 151,219	
D22— 3: Des. 151,238	Des. 151,299	Des. 151,248	Des. 151,267	Des. 151,229	
D23— 1: Des. 151,213	D40— 1: Des. 151,275	Des. 151,249	Des. 151,288	Des. 151,242	
D26— 1: Des. 151,243	D42— 7: Des. 151,300	Des. 151,250	D48—20: Des. 151,228	Des. 151,298	

U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

HUELSTER *v.* REITER
REITER *v.* HUELSTER

No. 5468 and No. 5470. Decided June 1, 1948

[168 F.2d 542; 78 USPQ 82]

1. INTERFERENCE—APPLICATION AND PATENT—BURDEN OF PROOF.

Where the counts are claims of a patent issued to appellee, and the application of appellant was filed after the issuance of the patent to appellee, *Held* appellant has the burden of proving his case beyond a reasonable doubt.

2. SAME—SAME—SAME.

Held that appellant had the burden of proving beyond a reasonable doubt conception of the involved invention, and also prior reduction to practice, or that he was diligent in reducing the invention to practice during the critical period.

3. SAME—REDUCTION TO PRACTICE—TESTS.

Where an important object of each of the parties is to avoid the defect of the prior art, i. e. the tendency of the prior art devices to be crushed or deflected in such a way as to render the fastener, of which they formed a part, inoperative, *Held* that, although the cap here in issue is simple in construction, it could not be ascertained from a mere inspection of the new cap whether or not the improved result would be obtained, and to determine that question it would be necessary to subject the new cap to the stresses which had produced the crushing of the prior art devices.

4. SAME—SAME—SAME.

Held that the invention here in issue is of such a nature that a successful test of it is necessary to establish a reduction to practice; and *Held* that appellant, having failed to prove that such a test was made, was properly restricted to the filing date of his application here involved for reduction to practice.

5. SAME—SAME—DILIGENCE.

Where appellee did not submit any testimony and is, therefore, restricted, for conception and reduction to practice to the filing date of the application on which his patent was granted, *Held* that, even assuming that appellant was the first to conceive the invention in issue, he cannot prevail unless he was diligent from a time just prior to the date appellee's application was filed until the date when appellant's application was filed.

6. SAME—SAME—SAME.

Where it is alleged that the failure by appellant to make an actual reduction to practice of the invention in issue during the war years was due to the fact that appellant and his assignee-employer were busy with war work and that necessary materials were lacking, *Held* that, even assuming that such failure to make an actual reduction to practice was justified, the failure to constructively reduce the invention to practice by the filing of an application has not been satisfactorily explained.

7. SAME—SAME—SAME.

Where the record shows that six applications for other invention by appellant were filed during 1942 and where appellant's application in interference was filed less than four months after the issuance of appellee's patent in 1943, and appellant admitted that he had knowledge of the patent prior to the filing of his application, *Held* that, since appellant, despite the burden of war work, was able to file his application promptly after learning that a rival was in the field, we are of the opinion that he was lacking in diligence during 1943 and the latter part of 1942.

8. SAME—PRIORITY—CAP FOR SNAP FASTENER.

Held that, since appellant was lacking in diligence during the critical period, the decision of the Board of Interference Examiners awarding priority of invention to appellee is affirmed.

APPEAL from the Patent Office. Interference No. 81,777.

AFFIRMED.

Samuel E. Darby, Jr., and *Floyd H. Crews* (*Darby & Darby* of counsel) for Huelster.

J. H. Kilcoyne (*Elmer L. Zwickel* of counsel) for Reiter.

HATFIELD, *J.*:

Patent Appeal No. 5468

This is an appeal in an interference proceeding from the decision of the Board of Interference Examiners of the United States Patent Office awarding priority of invention of the subject matter in issue to appellee, Harold J. Reiter, the senior party. The invention in issue is a cap for a snap fastener. It is defined in four counts, of which the following is representative:

1. A cap for a snap fastener, said cap having an imperforate center portion and an annular marginal portion, and an annular series of prongs cut from the marginal portion and integrally joined to the cap at the juncture of said portions, said prongs being of a length less than the width of the marginal portion thereby providing an unbroken peripheral edge on said portion.

The cap to which the invention relates forms a part of the socket member of a snap fastener. The other part of the socket member comprises an annular channel having its outer edge rolled upwardly and inwardly to a position slightly spaced from the inner edge of the channel. The cap is circular in form and includes an imperforate circular center portion surrounded by a flat flange. Portions of this flange are pressed out and bent to form prongs extending at right angles to the plane of the flange and surrounding the imperforate central portion of the cap. In assembling the socket member the prongs are passed between the inner edge and the rolled outer edge of the channel hereinbefore referred to

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and the prongs are then bent so that they lie along the inner face of the rolled outer edge of the channel and thus clench the cap and the other part of the socket member together.

[1] The counts are claims of a patent, No. 2,332,167, issued to appellee Reiter on October 19, 1943. The application of appellant Huelster was filed February 8, 1944, after the issuance of the Reiter patent, and appellant, therefore, has the burden of proving his case beyond a reasonable doubt. It is urged by appellant that this burden should apply to conception only and that as to such matters as reduction to practice and diligence, his burden should be a fair preponderance of evidence only. However, in the case of *Heddon* v. *Coudery et al.*, 26 CCPA (Patents) 743, 100 F.2d 426, 40 USPQ 124, 500 O. G. 513, we stated that an applicant whose case is filed after the issuance of a patent to another has the burden of proving "the essential elements of the case beyond reasonable doubt," and in the cases of *Walker* v. *Altorfer*, 27 CCPA (Patents) 1130, 111 F.2d 164, 45 USPQ 317, 519 O. G. 1043, and *Lichtenwalter* v. *Caron*, 34 CCPA (Patents) 792, 158 F.2d 1011, 72 USPQ 271, 598 O. G. 325, we held that this burden applied to the proof of reduction to practice. [2] In view of authorities cited, it must be held that appellant in the instant case had the burden of proving beyond a reasonable doubt conception of the involved invention and also prior reduction to practice, or that he was diligent in reducing the invention to practice during the critical period.

Appellee did not submit any testimony and is, therefore, restricted, for conception and reduction to practice, to October 29, 1942, the filing date of the application on which his application here involved was filed.

The Board of Interference Examiners held that appellant conceived the invention defined in counts 1, 2, and 4, and made fasteners conforming to the requirements of those counts prior to the end of 1941. As to count 3, the Board held that appellant had failed to establish conception prior to appellee's filing date. The Board further held that the invention in issue is of such a nature that an actual reduction to practice of it cannot be effected without a successful test; that no tests were made by appellant prior to his filing date, February 8, 1944; and that appellant was not diligent during the period between October 29, 1942, when appellee entered the field, and February 8, 1944, when appellant filed his involved application. The Board, accordingly, awarded priority to appellee as to all four counts.

It is not contended on behalf of appellant that he successfully tested a fastener which conforms to the counts in issue at any time prior to February 8, 1944. Counsel for appellant contend, however, that the invention in issue is of such a nature that merely making it, without testing, is sufficient to establish an actual reduction to practice.

[3] Although the cap here in issue is simple in construction, it is made of comparatively light metal and, in use, may be subjected to rather severe strains in the wearing, laundering, and ironing of the garment to which it is attached. It is true that the devices alleged to have been made by appellant in 1941 and relied on by him as showing a reduction to practice were generally similar to caps previously made. They differed somewhat, however, in proportion and design, and their ability to meet the stresses normally encountered in use could not, in our opinion, be foretold with certainty on the basis of tests of the prior art fasteners. Furthermore, the cap to which the interference counts are directed was not intended merely to duplicate prior fastener caps, but was intended as an improvement, and was held to be invention over the prior art devices.

As pointed out in appellant's application and in appellee's patent, the caps of the prior art had a tendency to be crushed or deflected in such a way as to render the fastener, of which they formed a part, inoperative. It was an important object of each of the parties to avoid those defects. It is clear, in our opinion, that it could not be ascertained from a mere inspection of the new cap whether or not the improved result would be obtained. To determine that question it would be necessary to subject the new cap to the stresses which had produced the crushing of the prior art devices. Only after the new cap had withstood such stresses could its success be considered to be established. Furthermore, it would not be possible to tell from inspection alone whether the prongs of the fastener caps allegedly made in 1941, or the flanges on which the prongs had been punched, were strong enough to meet the stresses encountered in the use of the fasteners.

Counsel for appellant rely on the case of *Sinko Tool & Manufacturing Co.* v. *Automatic Devices Corporation*, 157 F.2d 974, 71 USPQ 199, in which it was stated that a test "under service conditions" is necessary only in those cases in which "persons qualified in the art would require such a test before they were willing to manufacture and sell the invention as it stands." It is to be noted that that decision relates to the necessity of tests "under service conditions," and not to the necessity of any tests at all. In the *Sinko Tool & Manufacturing Co.* case, supra, there had been shop tests and demonstrations made. The case, therefore, is not directly in point in a situation where, as in the instant case, no tests whatsoever were made. Furthermore, although appellant and his witness Scovill stated that, in their opinion, the 1941 caps could have been marketed, they did not state definitely that they would have been willing to produce and market them without testing them, nor is there any evidence that they were ever actually produced and marketed without tests. Accordingly, the opinions of Huelster and Scovill, given years after the caps were made, are not considered sufficient to establish that tests were unnecessary.

It may be noted that in the case of *Warner* v. *Smith*, 13 App. D. C. 111, 1898 C. D. 517, 84 O. G. 311, the court held that the making, without testing, of a button having certain novel features, for use on garments did not constitute a reduction to practice.

[4] We are of opinion that the invention here in issue is of such a nature that a successful test of it is necessary to establish a reduction to practice and that appellant, having failed to prove that such a test was made, was properly restricted to the filing date of his application here involved; namely, February 8, 1944, for reduction to practice. [5] Accordingly, even assuming appellant to have been the first to conceive the invention in issue, he cannot prevail unless he was diligent from a time just prior to October 29, 1942, when appellee filed the application on which his patent here involved was granted, until February 8, 1944, when appellant's application was filed.

[6] It is not alleged that appellant was active in connection with the invention in issue throughout the critical period, but it is contended that appellant and the Scovill Manufacturing Company, his assignee and employer, were busy with war work and that, for that reason and because of a lack of necessary materials, the invention could not be put into production. Assuming, for the purpose of the decision in this case, that the failure by appellant to make an actual reduction to practice of the invention during the war years was justified, the failure to constructively reduce the invention to practice by the filing of an application has not been satisfactorily explained. [7] The record shows that six applications for other inventions by appellant were filed during 1942, one of those being filed on September 10, 1942, shortly before appellee's entry into the field, and another on December 1, 1942, shortly after such entry. It is evident, therefore, that appellant could have filed an application on the invention here in issue at any time during 1942, if he had desired to do so. Furthermore, appellant's application here involved was filed on February 8, 1944, less than four months after the issuance of appellee's patent on October 19, 1943, and appellant admitted that he had knowledge of the patent prior to the filing of his application. It is evident, therefore, that appellant, despite the burden of war work, was able to file his application promptly after learning that a rival was in the field. We are of opinion, therefore, that appellant was lacking in diligence during 1943 and the latter part of 1942, and that the Board of Interference Examiners properly awarded priority of invention to appellee.

In view of our conclusion, it is unnecessary to decide whether appellant established conception of the invention in issue prior to appellee's filing date.

[8] The decision of the Board of Interference Examiners awarding priority of invention of the subject matter in issue to appellee is affirmed.

AFFIRMED.

Patent Appeal No. 5470

Subsequent to appellant's appeal to this court, appellee filed a cross-appeal claiming that the Board erred in awarding to the party Huelster conception of counts 1, 2, and 4, in October 1941. Owing to the views hereinbefore stated in Patent Appeal No. 5468, the issues raised by appellee's cross-appeal are moot. Accordingly, it is unnecessary to decide that issue.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

NOTICES

Adjudicated Patent

(C. C. A. Calif.) McAdam patent No. 2,219,393, for a defrosting device, claims 1 to 9, 12, and 14 *Held* invalid, claims 10 and 11 *Held* valid, and claim 13 *Held* valid and infringed. *Refrigeration Engineering* v. *York Corp.*, 168 F.2d 896, 78 USPQ —.

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed.

Pat. 2,301,960, Basil Lermont and A. M. Wolf, Method and apparatus for forming metal sheets, decided June 22, 1948, claims 10 and 11.

Pat. 2,435,641, Victor Weber, Electric heating system for cooking appliances, decided August 31, 1948, claims 1, 2 and 3.

Pat. 2,403,025, A. L. Samuel, Electron beam device, decided September 7, 1948, claim 2.

Disclaimer

2,423,304.—*William A. Fitch*, Schenectady, N. Y. PULSE PRODUCING SYSTEM. Patent dated July 1, 1947. Disclaimer filed Sept. 1, 1948, by the assignee, *General Electric Company*.

Hereby enters this disclaimer to claims 1 and 2 of said patent.

Cancellation Notice

Willoughby Camera Stores, Inc., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of The Spencer Company, 711 West Lake St., Chicago, Ill., to effect the cancellation of trade-mark registration of Willoughby Camera Stores, Inc., No. 300,972, dated February 14, 1933. The assignment records of this Office show a transfer of title to this registration to Robert B. Wheelan, New York, N. Y., joined as a respondent to defend the registration concerned. The Office having been unable to secure service upon the registrant or said Wheelan, notice is hereby given that unless they, their assigns, legal representatives, or other person claiming an interest in the registration shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

Sept. 13, 1948.

Interference Notice

The Big Store Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Marlboro Shirt Company, Inc., Lombard and Paca Sts., Baltimore, Md., for registration of a trade-mark and registration No. 277,138, issued November 4, 1930, to The Big Store Company, southeast corner of Seventh and Race Sts., Cincinnati, Ohio, and the notice of such declaration sent by registered mail to the said The Big Store Company at the said address having been returned by the post office undeliverable, notice is hereby given that unless The Big Store Company, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order, the interference will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Sept. 15, 1948. *Assistant Commissioner of Patents.*

Classification Order No. 34

August 16, 1948

The following changes in the classification of inventions are hereby directed to take effect immediately:

IN THE MANUAL OF CLASSIFICATION:

ESTABLISH CLASS

332—MODULATORS (Division 10) with the following subclass schedule.

Note.—Definitions of this class may be seen in the Search Room and in the Classification Group pending publication in the Classification Bulletin.

332, Modulators

Modulators
1 Modulation converters (e. g. pulse to F. M.; F. M. to A. M.)
2 Modulator combined with specific intelligence source (e. g. electroacoustic transducer)
3 Photo electric signal source
4 Thermal modulators
5 Magnetic field electronic tube type (e. g. magnetron)
6 Retarding field electronic tube type (e. g. Barkhausen-Kurz)
7 Electron bunching type (e. g. Klystron)
8 Spark or arc systems
9 Pulse modulation
10 With modulated carrier
11 (No subclass)
12 Saturable reactor or transformer type
13 Electron beam type
14 Pulse oscillator type (e. g. multivibrator)
15 Clipping level means type
16 Phase or frequency modulation
17 With amplitude modulation
18 Distortion introduction or control
19 Average control (e. g. A. F. C.)
20 With indicator, observing means and/or signal
21 Plural signal sources (e. g. multiplex)
22 Plural modulation
23 Plural path in modulator
24 Push-pull
25 Electron beam type
26 Electro-mechanical resonant element type (e. g. piezo-electric)
27 Variable parameter electronic tube type
28 Reactance tube
29 Variable circuit parameter type
30 Capacitative
31 Amplitude modulation
32 (No subclass)
33 (No subclass)
34 (No subclass)
35 (No subclass)
36 (No subclass)
37 Distortion introduction or control
38 Average control (e. g. percentage of modulation)
39 With indicator, observing means, and/or signal
40 Plural signal sources (e. g. multiplex)
41 Plural modulation
42 Plural output modulation (e. g. polyphase)
43 Push-pull
44 Carrier suppressed
45 Single side band
46 Third order modulation
47 Bridge with conjugate input and output
48 Plural path in modulator
49 Signal applied to diverse electrodes
50 Inverse feedback modulation
51 Magnetic
52 Non-linear device type
53 Loss modulation
54 Directive electromagnetic beam
55 Variable shunt type
56 Variable reactance type (e. g. variable tuning)
57 Gas or vapor electronic tube type
58 Electron beam type
59 Modulated power supply
60 Plate circuit modulation
61 Series limiting
62 Shunt diverting
63 Cathode circuit modulation
64 Grid circuit modulation
65 Secondary emission
66 Single grid for carrier and signal
67 Variable grid leak
68 Miscellaneous

ABOLISH SUBCLASSES

In *class 157, Wheelwright-Machines* (Division 29)

Tire setters
6 Rubber tires

In *class 179, Telephony* (Division 10)

Relays (i. e., one-way amplifiers)
171.5 Modulators

CHANGE SUBCLASS TITLES

In *class 27, Undertaking* (Division 20) change the titles of subclasses 21, 22 and 23 to read:

21 **Body preparation**
22 Embalming processes and compositions
23 Embalming chambers

In *class 72, Masonry and Concrete Structures* (Division 33) change the title of subclass 14 to read:

Tanks
14 Composite

In *class 179, Telephony* (Division 16) change the title of subclass 100.4 to read:

Telegraphophones
100.4 Stylus and composition record (e. g., Disk, Cylinder or Strip)

In *class 318, Electricity, Motive Power Systems* (Division 26) change the title of subclass 539 to read:

Motor structure adjustment or control
539 Both armature and field structures rotatable or adjustable

ESTABLISH SUBCLASSES

In *class 45, Furniture* (Division 8)

Book and music holders
.5 Telephone type

In *class 157, Wheelwright-Machines* (Division 29)

1.1 **Rubber tire mounting and/or demounting apparatus**
1.11 With carrier
1.13 For divided tire bands
1.14 Wire tightening and/or securing
1.17 For collapsing or shifting tire axially
1.2 Circumferentially distributed thrust
1.22 Circumferentially traveling
1.24 Pedestal type
1.26 Pushing elements on opposed faces of tire and/or rim
1.28 Both on tire
1.3 Single bar pry or lever type
1.33 For tire retaining ring
1.35 For split rims (i. e., rim breakers)
1.36 Three or more rim engaging elements
1.37 Including link or lever carried abutment
1.38 Plural force-mechanisms
1.39 Individually operated
1.4 Auxiliary type
1.41 Axial toggles or coplanar cam
1.42 Circumferentially divided engaging element type
1.43 Two hand lever type
1.44 Plural force-mechanisms
1.45 Screw and nut actuated
1.46 Sliding or rack actuated members
1.47 Pivoted linkage movable in tire plane
1.48 Two link type
1.49 Single link or pry type

In *class 178, Telegraphy* (Division 16)

Systems
Automatic
Facsimile
5.1 Secret

In *class 200, Electricity, Circuit Makers and Breakers* (Division 37)

Thermal
136.3 Time controlled or continuously driven

MISCELLANEOUS CHANGES

On page 27–1, subclass 25 should be moved one step of indentation to the right so as to be coordinate with subclass 24.

On page 91–1, subclass 7 should be moved one step of indentation to the right so as to be coordinate with subclass 4.

CHANGES IN "CLASSES ARRANGED BY DIVISIONS"

Under Division 10, cancel "179, Telephony sub 171.5", and add: *332, Modulators.*

Under Division 51, cancel "sub 41".

CHANGES IN "CLASSES ARRANGED IN ALPHABETICAL ORDER"

After "16 Miscellaneous Hardware . . . 20" insert: **332**—MODULATORS . . . 10

Under "250, Radiant Energy" cancel "sub 41 . . . 51".

Under "179, Telephony" cancel "sub 171.5 . . . 10".

CHANGES IN "CLASSES ARRANGED IN NUMERICAL ORDER"

Under "179 Telephony" cancel "sub 171.5 . . . 10".

Under "250 Radiant Energy" cancel "sub 41 . . . 51".

After "323, Electricity, Voltage Magnitude and Phase Control Systems" insert: **332**—MODULATORS . . . 10

PRINCIPAL DISPOSITION OF ART FROM ABOLISHED SUBCLASSES

Abolished		Disposition	
Class	*Subclass*	*Class*	*Subclass*
157	6	157	1.1 to 1.33
179	171.5	332	Various

PRINCIPAL SOURCES OF ART IN ESTABLISHED SUBCLASSES

Established		Sources	
Class	*Subclass*	*Class*	*Subclass*
45	.5	45	57, 82
		281	15
157	1.1, 1.13+, 1.17+, 1.33	157	6
		224	29
157	1.11	157	1
157	1.35+	178	5+
178	5.1	178	22
		200	139
200	136.3	179	171.5
332	All		

IN THE DEFINITIONS:

27, Undertaking

cancel the definition of subclass 21 and substitute:

21. Miscellaneous tools, apparatus, methods and compositions used on the corpse, or for supporting and/or arranging parts of the corpse during the process of preparing same for burial or other final disposition.

(1) Note.—This subclass includes those devices, which function to hold the eyes, teeth, etc., in the position desired for burial.

29, Metal Working

in subclass 231 after "pinions", second occurrence. insert: *hands from shafts.*

and change the period to a comma and add: *etc.*

32, Dentistry

in subclass 19, in the note cancel the reference to class 234, and substitute:

246—RECORDERS, appropriate subclass

35, Education

in subclass 2, add:

(7) Note.—Search class 178, TELEGRAPHY, subclass 5.1, for privacy ensuring facsimile or television systems having means for rendering the pictorial intelligence unintelligible during transmission and intelligible at the receiver.

(8) Note.—Search class 179, TELEPHONY, subclass 1.5, for privacy ensuring telephone systems having means for rendering the speech unintelligible during transmission and intelligible at the receiver.

in subclass 31, in the note, cancel "234" and substitute: *346.*

61, Hydraulic and Earth Engineering

in subclass 73, under "Search Class" add:

254—PUSHING AND PULLING IMPLEMENTS, subclass 29 (and see note (1) thereto) for pile-sinking apparatus in which a continuously applied force operates successively to first bring the apparatus into engagement with the pile and then push it into the ground.

68, Textiles, Fluid Treating Apparatus

in the class definition, under "Notes" before "Search Class"; second occurrence, insert (2) *Apparatus* and add in numerical order:

101—PRINTING, for application of coloring material to a textile by a printing operation, and see particularly subclass 172 for multi-color printing of yarn strands.

in subclass 200, add:

Search Class—
101—PRINTING, subclass 172, for multi-color printing of yarn strands.

72, Masonry and Concrete Structures

cancel the definition and note of subclass 13 and substitute:

13. Tanks and features of construction thereof involving masonry or concrete construction.

Search this class, subclass—
6—for elevators and bins
9—for cisterns

cancel the definition of subclass 14 and substitute:

14. Subject matter under subclass 13 wherein the walls of the tank comprise a layer of masonry or concrete and a layer of another material.

Search Class—
196—MINERAL OILS, subclass 133, for masonry or concrete lined tanks limited to use as mineral oil vaporizers.

81, Tools

in subclass 15.2, under "(3) Note," change "6" to *1.1+.*

96, Photography

in subclass 78 cancel "(2) Search Class" and the reference thereunder.

97, Plows

in subclass 72, cancel "(2) Note" and add:

Search this class, subclass—
50—for motor-operated frame or implement lifts.
51—for machines having a plurality of implements successively operable for raising or lowering.
76—for foot-operated frame or implement lifts.
81+—particularly 83, 85+ and 96, for wheeled plows having means for raising or lowering the plow.
135+—particularly 148, 156 and 157+, for wheeled cultivators having means for raising or lowering the cultivating implements.
243+—for implement-carrying frames with means for vertically adjusting the implements.

Search Class—
37—EXCAVATING, appropriate subclasses, for lifts for ditching plows, scoops, and scrapers.
55—HARROWS AND DIGGERS, subclass 19+, for harrow lifts.
56—HARVESTERS, subclass 386+, for draft dumper rakes.
111—PLANTING, the subclasses including a main and auxiliary frame for drill set lifts.

in subclass 212, cancel "Search this class . . . 213", and add:

Search this class, subclass—
37+—for rotary earth-working elements combined with a mount or frame with means to drive the element.

101, Printing

in subclass 172, add:

Search Class—
68—TEXTILES, FLUID TREATING APPARATUS, subclass 200+, for apparatus for applying liquids to textiles.

150, Cloth, Leather and Rubber Receptacles

under subclass 39, add:

Search Class—
206—SPECIAL RECEPTACLES AND PACKAGES, subclass 39, for pocket card and ticket cases of material other than cloth, leather or rubber.

under subclass 41, add:

Search Class—
206—SPECIAL RECEPTACLES AND PACKAGES, subclass 39, for pocket stamp cases of material other than cloth, leather or rubber.

152, Resilient Tires and Wheels

In the class definition, under "(8) note", change "6" to *1.1+*.

157, Wheelwright-Machines

establish the following subclass definitions:

1.1. Devices and methods under the class definition for setting or removing or for facilitating the setting or removing of a rubber tire from a rim.

(1) Note.—A "rim" is defined as the immediate support for a rubber tire and includes such elements whether integral with or detachable from the wheel.

(2) Note.—This subclass is the collecting place for devices which cause radial motion only of a rubber tire portion, or devices for squeezing the rubber tire circumferentially of its cross-section in connection with the operation of setting or removing the same.

(3) Note.—This subclass is the collecting place for holding devices designed merely to engage a portion of the tire and/or rim, and to maintain a prescribed position of the tire portions relative to each other or of the tire portion relative to the rim as an aid to tire setting or removing by other means. The position in which the tire is held is generally one in which (1) the casing is deformed from its normal cross section, or (2) the tire and rim occupy positions other than fully assembled or fully separated.

(4) Note.—Devices which set or remove a tire supporting rim upon or from the felley of a wheel are excluded and will be found primarily in this class, 157, subclass 1.

Search Class—
29—METAL WORKING, subclass 235 for devices for placing and removing resilient articles in general.
81—TOOLS, subclass 15.3 for casing-supported devices for retaining a tire casing in spread condition.
144—WOODWORKING, subclass 288 for devices for holding wheels and wheel portions.
154—LAMINATED FABRIC AND ANALOGOUS MANUFACTURES, subclass 9 for devices which are not casing supported for retaining a tire casing in spread condition.

1.11. Devices under subclass 1.1 combined with or convertible to a vehicle carried bracket or support for a tire rim.

Search Class—
224—PACKAGE AND ARTICLE CARRIERS, subclass 42.12+ for vehicle carried tire holders without tire setting or removing features.

1.13. Devices under subclass 1.1 for operating on rubber tires that are circumferentially discontinuous.

1.14. Devices under subclass 1.13 which include means to manipulate or facilitate the manipulation of the end portions of circumferentially extending binding elements associated with the tire.

Search Class—
140—WIREWORKING, subclass 93 for devices in general for applying wire and subclass 111+ for devices for joining wire.

1.17. Devices under subclass 1.1 having means for engaging the tire and/or rim and moving the tire or a portion thereof in a direction normal to the plane of the tire or rim.

(1) Note.—Devices which engage a movable flange to thereby move the tire are included.

(2) Note.—Devices which produce radial motion in addition to axial motion are included.

1.2. Devices under subclass 1.17 wherein the tire engaging means is circumferentially continuous or consists of elements which are distributed with uniform circumferential spacing and simultaneously operated.

Search this class, subclass—
1.26+—for devices having circumferentially distributed engaging elements which are individually operated.

1.22. Devices under subclass 1.17 in which a tire engaging element and the rim have relative movement in concentric paths, which movement effects the axial motion of the tire portion.

(1) Note.—In order to be classified in this subclass, the indicated manner of use must be disclosed, and (1) the tire or rim engaging portion must be particularly designed to operate in this fashion, or (2) a supporting arrangement particularly designed to cause or permit movement of the device peripherally of the rim must be provided.

1.24. Devices under subclass 1.22 which have a base or stand for supporting the tire and rim when detached from the vehicle.

1.26. Devices under subclass 1.17 wherein the engaging members are adapted to engage opposite sides of a tire, or of a tire and rim, and are arranged for movement relative to each other.

(1) Note.—The essence of this subclass is the substantial opposition of the pushing members. Devices, therefore, in which one of the members engages portions of a wheel other than the felley or tire-holding rim are excluded and will be found in subclass 1.17 supra.

Search this class, subclass—
1.2—for devices wherein the opposed engaging members are circumferentially distributed.
1.22+—for devices wherein one of the opposed engaging members is circumferentially traveling.

1.28. Devices under subclass 1.26 wherein both opposing members or parts thereof engage the tire.

(1) Note.—In cases where one of the opposing members engages the rim in addition to the tire and where the enclosure formed by the members embraces the rim rather than the tire, and where the primary function of the rim engagement is provision of an anchor point, the simultaneous tire engagement of said element is regarded as incidental and the patent is placed in subclass 1.26.

Search Class—
254—PUSHING AND PULLING IMPLEMENTS, subclass 50.1+ for similar devices used as resilient tire casing spreaders and compressors.

1.3. Devices under subclass 1.17 consisting of a single lever.

(1) Note.—This subclass is made up primarily of patents wherein the device is a single rigid element. Plural element devices are also included, however, when the relative movement of the parts occurs merely (1) for the purpose of moving the lever elements to change the overall dimensions subsequent to the initial operation of the device in the manner of a lever or pry, or (2) for purposes other than tire setting or removal (e. g. stowage).

1.33. Devices under subclass 1.1 which engage and remove or apply, or facilitate the removal or application of, an annular tire retaining element which is mounted on the rim as a barrier for the prevention of relative axial movement between the tire and rim.

(1) Note.—Retaining elements for the purpose of this subclass may include, for example, discontinuous groove-engaging lock rings as well as the retaining portions of rims which are separable in an axial direction.

(2) Note.—Loose flanges having a mere sliding fit on the rim and which are themselves retained in the manner of a tire do not normally furnish subject matter for this subclass unless the device is disclosed as primarily intended for their forcible application or removal.

(3) Note.—Devices which merely shift a flange or tire portion to expose the retainer prior to removal thereof are excluded and will be found in subclass 1.17+.

1.35. Devices under subclass 1.1 having means to engage and distort a circumferentially discontinuous rim in order to (1) contract and/or expand the same, or (2) to offset and/or align the rim end, or both (1) and (2).

Search Class—
301—LAND VEHICLES, WHEELS AND AXLES, subclass 33 for split rims in which the offsetting, contracting and/or expanding device is a part thereof intended to be retained in position thereon during normal use of the rim.

1.36. Devices under subclass 1.35 having three or more rim-engaging elements.

(1) Note.—In determining the number of elements, those which are rigidly connected together and those which engage on opposite edges or faces of the rim in substantially the same radial plane, as well as those combinations of members which constitute a unitary rim clamping structure are regarded as single elements.

1.37. Devices under subclass 1.36 in which two of the contacting elements are connected by a system including a movable link and/or lever for drawing the elements together or separating them, said link or lever having an abutment or hook mounted thereon for applying a force to a portion of the rim incident to movement of said elements and substantially perpendicular to the direction of said movement.

(1) Note.—Devices of the type having arms of substantial length which are designed to project in a radiating fashion are excluded from this subclass and will be found in subclasses 1.38 and 1.41.

1.38 Devices under subclass 1.36 provided with at least two arrangements for forcibly moving certain of the rim engaging elements.

Search this class, subclass—
1.44—for plural force-mechanism devices having less than three rim engaging elements.

1.39. Devices under subclass 1.38 in which at least two manually operated controllers for the driving arrangements are present.

1.4. Devices under subclass 1.39 in which the force-mechanisms are readily divisible into two categories; i. e., main and subsidiary.

(1) Note.—The subsidiary mechanism is usually of a character different from and/or simpler than the main mechanism and can be operated for its purpose without substantially affecting the operation of the main mechanism. The disclosed purpose for the subsidiary mechanism is frequently the offsetting of the rim ends, while the main mechanism is usually disclosed as operating to expand or contract the rim.

1.41. Devices under subclass 1.38 having (1) a plurality of toggle force-mechanisms lying in planes perpendicular to that of a rim being operated on, or (2) a radial or face cam whose axis is perpendicular to the plane of the rim.

Search this class, subclass—
1.35—for devices having less than three rim engaging elements and operated by a linkage which is movable in a plane perpendicular to the plane of the rim.

1.42. Devices under subclass 1.35 in which at least one of the rim-engaging elements consists of two or more circumferentially spaced rim-contacting portions which are by appearance distinct, but which are in fact the terminal portions of integrally connected arms, thereby forming a single engaging element as defined for subclass 1.36 in (1) Note thereunder.

(1) Note.—The integral connection between the arms is sufficient for this subclass if the arms are so mounted that relative movement circumferentially of the rim in either direction is precluded when the device is in extended condition ready for use.

Search this class, subclass—
1.36—for devices having similar structure, but in which relative movement between the arms is permitted.

1.43. Devices under subclass 1.35 composed of a linkage designed to operate on the rim in response to actuation of two levers having handle portions for engagement by the hands of the operator.

1.44. Devices under subclass 1.35 provided with at least two driving arrangements for forcibly moving the rim engaging elements.

Search this class, subclass—
1.38+—for plural force-mechanism devices having three or more rim engaging elements.

1.45. Devices under subclass 1.35 wherein the mechanism for moving the rim engaging means includes a screw and nut.

Search this class, subclass—
1.36—for devices of this character having three or more rim-engaging elements.
1.41—for devices of this character where the screw and nut mechanism actuates an axial toggle.

1.46. Devices under subclass 1.35 wherein the mechanism for moving the rim engaging means includes (1) members having sliding engagement with each other and/or (2) a rack and actuating means therefor (e. g., a pinion, pawls, or the like).

Search this class, subclass—
1.45—for devices including sliding members which are screw and nut actuated.

1.47. Devices under subclass 1.35 made up of one or more members such as pivoted links and/or levers which are constrained to move in one or more planes substantially normal to the axis of a rim on which the device is operating.

Search this class, subclass—
1.35—for devices having similar linkages not confined to planes normal to the rim axis.
1.37, 1.38 and **1.4**—for devices of this character having three or more rim engaging elements.
1.43—for devices of this character consisting of two levers each having a handle portion for manual actuation thereof.

1.48. Devices under subclass 1.47 composed of two link members pivotally interconnected.

(1) Note.—Devices in which no more than one of the links are extended for use as a manually actuated lever are included.

(2) Note.—In determining the number of elements in the linkage, parts whose primary purpose is to effect clamping engagement with the rim are disregarded.

Search this class, subclass—
1.43—for similar devices comprising two hand levers.

1.49. Devices under subclass 1.47 comprising a single rigid lever member movable relative to the rim and designed to produce relative movement between the rim ends.

(1) Note.—Devices which include elements designed to be clamped to the rim to operate as a part thereof and to which the lever member is pivotally related are included.

abolish the definition of subclass 6.

178, Telegraphy

establish the following subclass definition:

5.1. Subject matter under subclass 5 having means for rendering the pictorial intelligence unintelligible during transmission and intelligible at the receiving station.

(1) Note.—Note that any conventional television system is secret to an unauthorized intercepter who does not have conventional receiving equipment. Consequently, the "means for rendering . . . unintelligible . . . and intelligible" of the above definition should not be read upon conventional means which are necessary to a non-secret system.

Search this class, subclass—
22—for privacy ensuring telegraph systems.

Search Class—
35—EDUCATION, subclasses 2+ for cryptography and privacy ensuring systems which do not relate to telegraphy, telephony, television or typewriting.
179—TELEPHONY, subclass 1.5 for privacy ensuring telephone systems.
197—TYPEWRITING MACHINES, subclass 4 for cryptographic typewriters.

in subclass 6, under "(3) Search Classes", in the reference to class 179, cancel "and wave modulators".
add the following:
332—MODULATORS, appropriate subclasses, for modulators which may be used in television.

in subclass 22, in "(2) Search this Class", after "them" insert *and subclass 5.1 for privacy ensuring television systems.*
in subclass 44, under "(2) Search Class" add:
332—MODULATORS, appropriate subclasses, for modulators which may comprise filters, and particularly subclasses 18 and 37 for modulators having preemphasis networks.

in subclass 50, under "(1) Search Classes" add:
332—MODULATORS, subclass 9+ for multiplex pulse modulators, subclass 21 for multiplex frequency or phase modulators, and subclass 40 for multiplex amplitude modulators, respectively.

in subclass 66, add:
Search Class—
332—MODULATORS, appropriate subclasses, for modulators, and particularly subclasses 16+ for phase or frequency modulators and subclass 31+ for amplitude modulators.

179, Telephony

in subclass 1.5 under "(3) Search Class" cancel the reference to 178, Telegraphy, and substitute:
178—TELEGRAPHY, subclass 5.1 for privacy insuring television systems and subclass 22 for privacy insuring telegraphy systems.
332—MODULATORS, appropriate subclasses, for modulators, and particularly subclasses 18 and 37 for modulators which introduce or remove distortion.

in subclass 2, under "Search Classes" add:
332—MODULATORS, subclass 9+ for multiplex pulse modulators, subclass 21 for multiplex frequency or phase modulators and subclass 40 for multiplex amplitude modulators, respectively.

in subclass 15, under "Search Class" add:
332—MODULATORS, subclass 9+ for multiplex pulse modulators, subclass 21 for multiplex frequency or phase modulators and subclass 40 for multiplex amplitude modulators, respectively.

cancel the definition of subclass 100.4 and substitute:

100.4. Apparatus for electrically recording and/or reproducing sound having a stylus which engages a composition record in disk, cylinder, tape or other tablet form and methods of using such apparatus.

Search Class—
274—SOUND RECORDING AND REPRODUCING, subclass 7+ for non-electrical methods and apparatus for recording sound upon disk, cylinder, tape or other tablet form and/or for non-electrically reproducing the recorded sound.

in subclass 171, under "Search Class" add:
332—MODULATORS, appropriate subclasses, for modulators.

189, Metallic Building Structures

in subclass 1.5, add:
(1) Note.—See 135, TENTS, CANOPIES, UMBRELLAS AND CANES, subclass 1+ for tents used as hangars.

192, Clutches and Power-Stop Control

in subclass 2, under "Search Class" cancel the reference to class 188, Brakes.

196, Mineral Oils

in subclass 133, add:
Search Class—
72—MASONRY AND CONCRETE STRUCTURES, subclass 14, for masonry or concrete lined tanks.

200, Electricity, Circuit Makers and Breakers

in subclass 19 add:
(3) Note.—Search this class, subclass 136.3 for periodic switches having a thermal control.

in subclass 33, in "(1) Note" before the period insert:
and for time operated switches having a thermal control search this class, subclass 136.3

establish the following subclass definition:
136.3. Subject matter under subclass 136 in which the circuit controlling element is controlled by a continuously driven shaft.
(1) Note.—The continuously driven shaft may be that of an electric or spring driven clock, or the continuously driven shaft may be that of a motor which is continuously driven, without regard to time. The control need not act directly on the circuit controlling element but may act indirectly through intermediate means.

Search this class, subclass—
19+—for non-thermal periodic switches.
33+—for non-thermal time switches.

Search Class—
236—AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION, for similar subject matter in combination with a temperature control system.

206, Special Receptacles and Packages

in subclass 39, add:
Search Class—
150—CLOTH, LEATHER AND RUBBER RECEPTACLES, subclass 39, for pocket card or ticket cases of cloth, leather or rubber and subclass 41 for stamp books or stamp receptacles of cloth, leather or rubber.

220, Metallic Receptacles

in subclass 63 under "Search Class", insert:
72—MASONRY AND CONCRETE STRUCTURES, subclass 14, for masonry or concrete lined tanks.

222, Dispensing

in the class definition, section 7, under "Search Class", add, in numerical order:
65—KITCHEN AND TABLE ARTICLES, subclass 31+, for pitchers having drip catching or drip preventing means.

in section 24, cancel the references to class 234, and add:
346—RECORDERS, sec. 5(1), 6.

in subclass 108, add:
Search Class—
65—KITCHEN AND TABLE ARTICLES, subclass 31+, for pitchers having drip catching or drip preventing means.

in subclass 571, add:
Search Class—
65—KITCHEN AND TABLE ARTICLES, subclass 31+, for pitchers having drip catching or drip preventing means.

224, Package and Article Carriers

in subclass 42.12 under "Search Class" insert:
157—WHEELWRIGHT-MACHINES, subclass 1.11 for wheel rim and/or tire carriers which are combined with or convertible to a device for applying a tire to and/or removing the same from a wheel or rim.

244, Aeronautics

in subclass 2, cancel "(2) Note", and add:
Search this class, subclass—
50—for aircraft operable as land or water craft.
63—for launching of aircraft not claiming the combination of a lifting or propulsive aircraft.

Search Class—
258—RAILWAY MAIL DELIVERY, subclass 1.2, for load pick-up or release by an aircraft in flight and see the reference to this class (244) for the line.

in subclass 63, add:
Search this class, subclass—
3+—for launching of aircraft claiming the combination of a propulsive and/or lifting aircraft even though the combination may exist for only a brief period of time such as may be required to condition the launched aircraft to be self-sustaining.

250, Radiant Energy

in subclass 2, under "(2) Search Classes", insert:
332—MODULATORS, appropriate subclasses, for modulators. Note that subclass 54 provides for modulators in which a directive electromagnetic beam is variably absorbed, reflected or diverted.

in subclass 8, under "(2) Search Class", add:
332—MODULATORS, appropriate subclasses, for modulators per se.

in subclass 9, under "Search Classes", add:
332—MODULATORS, subclass 9+ for multiplex amplitude modulators, subclass 21 for multiplex frequency or phase modulators and subclass 40 for multiplex amplitude modulators.

in subclass 17, under "(2) Search Classes", add:
332—MODULATORS, appropriate subclasses, for modulators per se.

in subclass 20, under "(2) Search Classes", add:
332—MODULATORS, subclass 31+ for modulators which may be used as heterodyning or homodyning means in a receiver.

in subclass 27, under "Search Class", in the reference to class 179, cancel "including (amplifiers), indented subclass 171.5 for such systems used as modulators", and add in numerical order:
332—MODULATORS, appropriate subclasses, for modulators.

in subclass 36, under "(2) Search Classes" add:
332—MODULATORS, appropriate subclasses, for oscillators which are modulated.

in subclass 41.5, under "Search Class", add:
332—MODULATORS, subclass 3 for photoelectrically controlled modulators.

in subclass 104, in "(2) Note" change "class 173, Electricity, Conductors" to *class 174, Electricity, Conductors and Insulators.*

254, Pushing and Pulling Implements

in subclass 50.1 under "Search Class", in the reference to class 157, change "6" to *1.17+*.

in subclass 50.2 under "Search Class", change "6" to *1.22+*.

in subclass 51 under "(3) Search Classes", in the reference to class 157, change "6" to *1.14*.

in subclass 131 under "(2) Search Classes", in the reference to class 157, change "6" to *1.1+*.

281, Books, Strips and Leaves

in subclass 15, under "(2) Search Classes" insert:
45—FURNITURE, subclass .5, for book supports which are telephone attachments.

294, Handling, Hand and Hoist Line Implements

in subclass 15, under "Search Classes" insert:
254—PUSHING AND PULLING IMPLEMENTS, subclass 29 (and see the notes thereto) for hand bars, etc., in which a continuously applied force operates successively to bring the apparatus into engagement with the load and then to handle the load.

in subclass 17, under "Search Classes", cancel the reference to class 157 and substitute:
157—WHEELWRIGHT-MACHINES, subclasses 1.1+ particularly, subclasses 1.26+ and 1.86, and subclasses 5 and 11, for similar structures adapted for the mounting and demounting of rubber tires.

301, Land Vehicles, Wheels and Axles

in subclass 33, add:
Search Class—
157—WHEELWRIGHT-MACHINES, subclass 1.35+ for rim breaking devices which are not a part of the rim and are intended to be removed therefrom during normal use of the rim.

323, Electricity, Voltage Magnitude and Phase Control Systems

the unnumbered subclass definition following subclass 40 should be numbered *41*.

343, Communications, Radiant Energy

in the class definition, under "Search Class", in the reference to class 179, cancel ", and subclass 171.5 for modulator systems"

and add in numerical order:
332—MODULATORS, appropriate subclasses, for modulators per se.

in subclass 5, under "Search Class" add:
332—MODULATORS, appropriate subclasses, for modulators.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,438,644. TURRET TOOL POST. Patented Mar. 30, 1948. Multi-tool holding device for lathes and the like has a spool-like turntable mounted on radiating rollers in base plate of a support. When turntable is rotated to various predetermined positions to shift the cutting tools, shallow rollers on its bottom will seat on the rollers, so that when turntable is held down, the rollers lock it to base plate. Various cutting tools carried by turntable are held by a plurality of rocker wedges adjustably mounted in concave grooves in the top surface of bottom flange of turntable. Each wedge is channeled to hold a tool, and each channel has an elongated adjustable stop to prevent axial movement of tool. Pairs of set screws carried by top flange of turntable bear against top side of each tool and its stop to firmly hold them in place. The channel of each wedge has stepped sides to accommodate tools of various sizes. (Owner) Alfred R. Oberwegner, 5911 Woodlawn Ave., Los Angeles 3, Calif. Group 35—41—43. Reg. No. 9,987.

Pat. 2,353,557. INSTANT FIELD KNIFE. Patented July 11, 1944. A one-piece base and knife blade for instant use as a dagger is stitched, by means of a facing strip of leather or canvas, to the back of a gauntlet worn by a man in combat. The front end of facing strip is cut away so the blade projects parallel with user's fingers. The portions of the gauntlet between the fingers serve to restrain the rearward thrust of the hand-covering when the knife is used as a dagger. (Owner) Andrew J. Guthrie, Box 83, St. Albans, W. Va. Group 33—51. Reg. No. 9,988.

Pat. 2,445,575. BALL ROLLING GAME. Patented July 20, 1948. A game board for this "Ride and Roll Game" has two holes side by side for receiving marbles. Player places one marble on top of another and propels them over the board by manipulating an elongated piece of wood having a longitudinal groove in its under side in which the upper marble travels. Considerable skill is required to direct the lower marble into one hole and the upper marble into the other hole. (Owner) Andrew J. Guthrie, Box 83, St. Albans, W. Va. Group 39—41. Reg. No. 9,989.

Pat. 2,417,840. PACKING RING. Patented Mar. 25, 1947. Assembly allows for wear about a moving part and provides an effective seal during operation of hydraulic or pneumatic mechanisms. Construction shows an upper and lower packing gland having a V-shaped surface and fitted with a pair of V-shaped packing rings. The rings are separated by a ring of rubber-like material cut at an angle slightly greater than the angle of the packing ring surfaces. The effect is such that, when the glands are pressed together to expand and seat the rings, the packing is compressed to a greater degree from the stationary side than the motion side. This produces less static friction in that the packing, when in motion, does not grip the adjacent surface with as great a pressure as would ordinarily be the case. Several modifications are shown. (Owners) Lester W. Rodgers and Stanley H. Simpson, 75 East Wacker Drive, Chicago 1, Ill. Group 35—69. Reg. No. 9,990.

Pat. 2,442,570. HOLDER. Patented June 1, 1948. A holder (to be clamped to arm of chair or to table) supports vertically a ball of crochet cotton, yarn, etc., for feeding thread out to user. A pair of juxtaposed arms, having finger pieces at one end, are fitted together at one point to form a fulcrum by conical section of upper arm fitting into recess of lower arm. Arms are fastened together by a coil spring so that coacting jaws are formed for clamping to chair arm or to table. At jaw end of upper arm a spindle is pivoted for rotatably holding the ball. When not in use, this spindle is folded flat into a groove on top of upper arm. (Owner) Frank H. Post, 5112 Perry Ave., Ashtabula, Ohio. Groups 39—81; 40. Reg. No. 9,991.

Pat. 2,442,023. VEHICLE CHOCK. Patented May 25, 1948. A pair of connected metallic blocks for placing in front of and behind a vehicle wheel to prevent movement of the wheel. Blocks have opposed curved surfaces conforming to curvature of tire. Two channel guides are attached to each block for supporting a notched iron locking bar. This locking bar is pivoted in the rear end channel and movable vertically in the other channel guides. Device is adjustable to tires of various sizes by adjusting front end of locking bar so that notches engage forwardmost channel. (Owner) William T. Schwarzhoff, Waukon, Iowa. Group 38—31. Reg. No. 9,992.

Des. Pat. 150,272. DESIGN FOR A BENCH. Patented July 13, 1948. Bench is supported between two box-like compartments. (Owner) Clytie Ann Thomson, P. O. Box 2224, Roanoke, Va. Group 25—11. Reg. No. 9,993.

Des. Pat. 138,926. DESIGN FOR A PEA SHELLER OR SIMILAR ARTICLE. Patented Sept. 26, 1944. A device for slipping over end of thumb or finger, with a protruding piece for shelling peas, etc. (Owner) Mrs. Lavin'a Reid, Denham Springs, La. Groups 33—73; 39—81; 40. Reg. No. 9,994.

Pat. 2,445,220. URINARY PAD. Patented July 13, 1948. Absorbent device for persons addicted to involuntary urinary discharge permits freedom of movement of wearer. It consists of a flattened, water-impervious, circular pouch with several replaceable absorbent pads arranged in layers inside pouch. The back of the pouch (which contacts wearer's body) and the innermost pad are each formed with a relatively large central opening with a tube projecting into the openings. The pad against innermost pad is formed with a slit in endwise alignment with the openings. A suspensory is used to hold device snugly in place on wearer. (Owner) Susan Louise Isaacson, 1655 East 64th St., Long Beach 5, Calif. Groups 23—86; 39—16. Reg. No. 9,995.

Pat. 2,443,415. DENTAL FLOSS HOLDER. Patented June 15, 1948. A small U-shaped holder for supporting a short length of dental floss taut between the ends of the arms for cleaning the teeth. A finger grip is provided below the arms of the U for forcing the floss between the teeth. Holder may be made of cardboard or plastic (with floss

firmly attached) and discarded after use, or made of plastic with notches in ends of arms to receive fresh pieces of floss for repeated use. Modifications are shown. Holders may be packed in boxes for inexpensive retailing. (Owner) James Buscarino, 12 West 60th St., New York 23, N. Y. Groups 26—91; 39—81; 40. Reg. No. 9,996.

Pat. 2,443,123. CUTTING WHEEL FOR FLINT IGNITERS. Patented June 8, 1948. Comprises a non-grooved section, and a grooved section which merges into the non-grooved section from both sides and has slanting ridged walls of progressively changing angularity. Rotating wheel strikes the flint at constantly shifting points on opposite sides of the center when the grooved section passes over it, and endwise when the non-grooved section passes over it. May be used in cigarette lighters, etc. (Owner) Philip O. Solon. Address correspondence to Adelbert Schapp, 582 Market St., San Francisco 4, Calif. Groups 33—53; 34—51; 40. Reg. No. 9,997.

Pat. 2,444,686. DOUBLE ADJUSTMENT WRENCH HAVING THREAD AND RACK ADJUSTMENTS. Patented July 6, 1948. Quick-set wrench has a movable jaw which may be readily slid to holding position and then minutely adjusted by turning a nut. The jaw is carried on a slider mounted on shank of wrench above the nut. Jaw has oppositely positioned pawl-like edges for engaging ratchet teeth in opposite edges of slider, with springs urging jaw into operative position on slider. When the jaw is tilted clockwise, it may be easily slid along the slider. Turning the nut moves the slider to minutely adjust the jaw. (Owner) James C. White, R. F. D. 4, Box 6, Richmond, Ky. Group 33—52. Reg. No. 9,998.

Pat. 2,442,487. SMOKER'S PIPE CASE. Patented June 1, 1948. Case consists of two separate sections encircled by a rubber band to hold them together. An upwardly extending head on one end of upper section is formed with an inverted cup for receiving top of pipe bowl. An upwardly extending flanged head on lower section receives lower end of bowl. The other end of upper section is formed with a depression on its under side for engaging a lug on lower section to provide hinging action when opening and closing case. When case is closed, sides of a pipe bowl are exposed so that bowl may be grasped by user's fingers. (Owner) Mrs. Helen Farmer, 2318 Harriet St., Racine, Wis. Group 39—72—81. Reg. No. 9,999.

Pat. 2,426,780. SLIDING CUTOFF GAUGE AND MEASURING DEVICE FOR CIRCULAR SAWS. Patented Sept. 2, 1947. A rule having a segmental end is slidably mounted on the table of a circular saw equipped with a cutoff guide. Positioned on the cutoff guide and used in combination with the rule is an elongated gauge plate having a center pointer that registers with the graduations on the rule to indicate distance from the end of guide to the near side of saw. Gauge plate has a series of markings on either side of pointer to represent the thicknesses of the saw cuts or grooves as well as markings for setting the guide for dado, mitre joints, and rabbeting. Adjustments are made by manipulation of screws in the segmental wing of the rule. (Owner) Harry F. Malseed, 1456 Adelaide Ave., St. Louis 7, Mo. Group 35—43. Reg. No. 10,000.

Pat. 1,858,140. CHART. Patented May 10, 1932. A frame for teaching elementary music has wires stretched horizontally (in elongated form of abacus) on which notes, sharps, and flats are slidably mounted. Frame has a back upon which treble and bass clef signs, as well as lines and spaces of staffs, are marked. Two closely adjacent parallel wires are stretched in front of each line and space so that markings on face of back show between the wires, causing the lines to appear of one color and the spaces of another color. Notes of one color for each line or space are mounted to slide into position on the wires, and sharps and flats are slidably and detachably arranged for desired placing. (Owner) Cora Grace Dewhirst, Kansas, Ill. Groups 25—99; 39—39—81. Reg. No. 10,001.

Pat. 2,445,235. AIRCRAFT WITH BLAST OR LIKE TUBE AND CLOSURE THEREFOR. Patented July 13, 1948. This patent shows a stream-lined door or closure for the outer end of an aircraft blast tube in which a gun is mounted to fire outwardly through the tube. A switch on the instrument panel may be selectively moved to automatically open the door and set the gun for firing, or to automatically close the door and set the gun on "safety." The door is also automatically locked in open or closed position. Bottom of the blast tube is recessed to receive the door when it is pivoted inwardly to open position. The recess is deeper than the thickness of the door so that rear edge of door is shielded from the gun blast. A double-acting solenoid motor pivoted to the aircraft structure includes two spaced coils through which a plunger is reciprocable to open and close the door. A pair of latches alternately engage the plunger in extended or retracted position. Each latch is formed as a solenoid plunger operable in an independent solenoid coil. A pair of controls for setting the gun on "safety" or setting it to fire are mounted on the gun. (Owner) Joseph C. Myers, 1126 South Wakefield St., Arlington, Va. Groups 33X9; 37—21. Reg. No. 10,002.

Pat. 2,277,778. PROCESS FOR PRODUCING SALTS. Patented Mar. 31, 1942. This patent describes an economical process for producing pure anhydrous potassium sulphite and similar salts by precipitation reaction. A clear mixture of a strong aqueous caustic potash is slowly added to a large volume of strong alcohol into which pure sulphur dioxide is introduced at such a rate that the potash is slightly in excess. Patentee states that the fine white precipitate of anhydrous potassium sulphite formed is free of the impurities normally present in commercial caustic potash. Several modifications are given. (Owner) Merle Randall, 2512 Etna St., Berkeley 4, Calif. Group 28—89. Reg. No. 10,003.

Pat. 2,300,965. METHOD FOR TREATING MERCURY MINES. Patented Nov. 3, 1942. Reg. No. 10,004.

Pat. 2,320,468. METHOD OF TREATING MERCURY CONTAMINATED SURFACES. Patented June 1, 1943. Reg. No. 10,005.

These two patents describe methods to eliminate the health hazard present in mercury mines because of the existence of mercury vapor in the air. Muck piles, walls, timbers, stopes, tunnels, and other surfaces are sprayed (Pat. 2,300,965) with a solution of calcium polysulphide. The solution may employ a spreader (such as casein, ammonia soap, and cresylic acid) and a petroleum base which acts as an adhesive. In the event that the mercury-contaminated surfaces are acid in nature, the above alkali solution cannot be used, as poisonous hydrogen sulphide is generated. Such difficulties are obviated by adding finely powdered sulphur to kalsomine and other paints (Pat. 2,320,468). Several modifications shown in both patents. (Owner) Merle Randall, 2512 Etna St., Berkeley 4, Calif. Group 28—89.

Pat. 2,445,421. ALPHABET JIGSAW GAME. Patented July 20, 1948. This game is particularly intended as an aid in teaching children the alphabet and coordination in a simple and entertaining manner. On a rectangular sheet of cardboard the letters of the alphabet and numbers up to 10 are outlined so that they may be cut out. Each letter and number is further imprinted with dotted lines to indicate where it is to be cut into sections, after which the parts are to be assembled again. Modifications are shown in which the game is of more permanent form. (Owner) Leo Davis, 101 Cooper St., New York 34, N. Y. Group 39—41. Reg. No. 10,006.

Pat. 2,445,619. RISER. Patented July 20, 1948. A portable device assists a convalescent patient to practice (without help) sitting up on side of bed, standing, and finally walking. A rectangular frame formed of four uprights, with connecting hand rails on three sides and having a low platform, may be placed beside bed. Side of frame resting against bed is open so that patient's legs may be swung into frame. A detachable front strap and back support are fastened to frame to steady patient sitting on edge of bed. Patient stands on platform, supported by hand rails. A gate in hand rail of one side of frame leads to a step at side. Platform is corrugated to prevent slipping, and extra supports on frame guard against tipping. Modification shows frame adapted for use by two patients between two hospital beds. (Owner) John J. Josephs, 3205 Ridge Ave., Philadelphia 32, Pa. Groups 25—32; 34—41. Reg. No. 10,007.

Pat. 2,445,953. SIGNAL DEVICE. Patented July 27, 1948. A warning signal for boats approaching a drawbridge. A signal of duplicate construction is mounted upon each lift span. Signals have tubular mounting shafts and move vertically with the spans, causing a green light to show an approaching boat when the span is raised and red when it is closed. A hanger shaft extends downwardly from a coupling about the mounting shaft. A sleeve is rotatable about the hanger shaft. A gear about the sleeve meshes with a fixed gear about the mounting shaft to turn the sleeve during swinging movement of the span. The lamp housing, turning with the sleeve, moves the green or red portion of its wall into position to be seen by pilot. (Co-owner) F. A. Lancaster, P. O. Box 1494, Lake Charles, La. Group 36—62. Reg. No. 10,008.

Pat. 2,398,577. PISTON FOR INTERNAL-COMBUSTION ENGINES. Patented Apr. 16, 1946. This piston may be repacked without removing the entire piston or making radical changes in the engine with which it is used. Piston is of standard type and made in two separable sections so that its head or cap may be unscrewed from the body. Grooves are provided in the cap for two packing rings, a third ring being placed just below the bottom edge of cap on a neck provided in the body, permitting replacement of the rings as soon as cap is removed. Cap is locked in place by screws held from turning by wire pins. Cooling of the hollow interior of the cap is provided by oil splash conducted from crank case and back through connecting radial vents and external flutings. (Owner) George V. Bratzel, 240 Menlo Oaks Drive, Menlo Park, Calif. Group 35—69. Reg. No. 10,009.

Pat. 2,445,209. ABSORPTIVE HEADWEAR PAD. Patented July 13, 1948. Replaceable absorbent pad may be secured to the sweatband of hats by adhesive tabs or clips. It consists of an absorbent backing having spaced pads on one side, and a moisture-proof envelope enclosing the backing. The pads protrude through openings in the envelope for contact with wearer's head. If desired, circular pads may be secured inside the top of the hat. Modifications are shown. (Owner) Edward S. Clark, 1004 Lindley Ave., Philadelphia 41, Pa. Groups 22—91; 23—X2—X3. Reg. No. 10,010.

Pat. 2,385,579. FROZEN CONFECTION DISPENSER. Patented Sept. 25, 1945. Removable device will dispense small portions of ice cream or the like from a can to fill individual orders. A cover plate removably secured to top of can carries a motor and suction pump on its top. A lower plate is freely slidable vertically inside can. Suction side of pump is connected by a conduit to a hood mounted over apertures in lower plate. A driven shaft extending downwardly through both plates has its lower end bent to form a horizontal arm. A scraper blade is mounted on under side of arm. When scraper is rotated, it cuts a layer from top of contents of can and carries cut portion around beneath lower plate to the apertures so that pump will dispense the cut portion. Lower plate and scraper are free to move downwardly, following the changing level of contents of can. (Co-owner) Irving King, King Investment Co., 129 West Third St., Los Angeles 13, Calif. Groups 33—73; 35—51. Reg. No. 10,011.

Pat. 2,443,792. ADJUSTABLE SHOE TREE. Patented June 22, 1948. Shoe tree is adjustable to fit shoes of different sizes. Tree consists of a two-part foot form connected by a toggle, and a two-part heel form connected by another toggle. Each toggle is connected to a separate sleeve, and the inner ends of the sleeves are threadedly connected to opposite ends of a threaded adjusting rod. Rotating the rod expands and contracts the tree. (Owner) Irving King, King Investment Co., 129 West Third St., Los Angeles 13, Calif. Group 25—95—99. Reg. No. 10,012.

Pat. 2,446,078. CHOKER FOR TRAPPED ANIMALS. Patented July 27, 1948. By use of this choker a trapped animal may be killed without damaging its pelt or endangering the trapper. A pair of arc-shaped spring-operated jaws are pivoted in a housing mounted at the end of a pole. Jaws are opened against the tension of springs enclosed within housing and locked by a trigger mechanism. Pressing the device against throat of a trapped animal releases trigger so that jaws of device engage animal's neck with sufficient force to cause strangulation. (Owner) Merton E. Churchill, Arcadia, Pa. Group 33—59. Reg. No. 10,013.

Pat. 2,444,986. HOLDER FOR PAINT BUCKETS AND THE LIKE. Patented July 13, 1948. Device (made of metal) for attachment to ladders embodies a detachable swinging hanger for holding a paint bucket perpendicularly at either side of ladder, and a detachable tray for holding other equipment. A U-shaped strap (for straddling either rail of ladder) has its inner leg connected to the lower end of a rung-engaging hook. A swinging vertical strap, pivoted near its upper end to the outer leg of the U-strap, is bent at the top to form a hook for receiving handle of paint bucket. An arcuate-shaped member for embracing sides of bucket is pivoted to lower end of the swinging strap. The tray is connected to inner leg of U-strap. (Owner) William Charles Gebhardt, 434 Porter St., San Antonio, Tex. Group 33—59—73. Reg. No. 10,014.

Pat 2,401,931. SEED POTATO CUTTING MACHINE. Patented June 11, 1946. Seed potatoes are manually fed into one end of this machine, and the cut potatoes discharged into a sack at same end, thus requiring only a single operator. A slidable gate on bottom of a hopper is actuated by operator to drop potatoes one at a time onto an inclined endless conveyor. The potatoes are conveyed diagonally upwardly to opposite end of machine and dropped singly onto a transverse chute. A sliding gate is automatically opened and closed to permit a potato to drop from chute into a cutting chamber, where it is centered on a cross-bladed knife by spring-influenced centering strips. A plunger (having grooved sides to permit it to slide past centering strips) forces the potato into engagement with knife. A second inclined endless conveyor receives the cut potatoes and conveys them to a discharge outlet. (Owner) Lester A. Hawkins, 207 Maywood Ave., Creve Coeur, Ill. Group 35—22. Reg. No. 10,015.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 5, 1948

[VOL. 615. No. 1]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 494,428. DETERGENT PRODUCTS, INC., Philadelphia, Pa. Filed Jan. 8, 1946.



"Loads of Suds" is hereby disclaimed apart from the mark as shown in the drawing.

FOR HOUSEHOLD CLEANING PREPARATION.

Claims use since Nov. 8, 1945.

Ser. No. 506,591. I. J. FOX, INC., New York, N. Y. Filed July 31, 1946.



The words "Fox-Klenzed" are hereby disclaimed apart from the mark as shown on the drawing.

FOR CLEANING FLUID FOR CLEANING AND TREATING FURS.

Claims use since Aug. 7, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 506,382. R. LOWENBAUM MANUFACTURING CO., St. Louis, Mo. Filed July 27, 1946.

Taffeta
by
Minx Modes

No exclusive claim is made to the word "Modes" apart from the mark.

FOR PERFUME AND COLOGNE.

Claims use since July 1, 1946.

Ser. No. 506,529. CLARA HIRSCH, doing business as Rocca, Paris, France. Filed July 30, 1946.

WONDERFUL

FOR PERFUME, ROUGE, AND DENTIFRICE.

Claims use since May 25, 1897.

Ser. No. 509,557. AVON PRODUCTS, INC., New York, N. Y. Filed Sept. 23, 1946.

AVONETTE

FOR COSMETIC SETS, CONTAINING CLEANSING CREAM, NIGHT CREAM, AND SKIN FRESHENER.

Claims use since Sept. 19, 1946.

Ser. No. 512,079. JOHN HUDSON MOORE, INC., New York, N. Y. Filed Nov. 5, 1946.



FOR COLOGNE, BAY RUM, DEODORANT, FOOT POWDER, INSECT REPELLANT, SUN-SCREEN LOTION, AFTER SHAVE LOTION, HAIR LOTION, AND TALCUM POWDER.
Claims use since Oct. 20, 1944.

Ser. No. 513,830. LUS TR LOX PRODUCTS, INC., Salt Lake City, Utah. Filed Dec. 6, 1946.

Lus tr Lox

The word "Lustr" is disclaimed apart from the mark.
FOR SKIN CREAM, OIL PERMANENT WAVE SOLUTION, CREAM LOTION, COLD WAVE SOLUTION, COLD WAVE SHAMPOO, COLOR RINSE, FLUFF SHAMPOO, AND MACHINELESS HAIR WAVE PADS.
Claims use since January 1936.

Ser. No. 514,125. THE MENNEN COMPANY, Newark, N. J. Filed Dec. 12, 1946.

HALT

FOR DEODORANTS FOR APPLICATION TO THE BODY TO COUNTERACT BODY ODORS.
Claims use since Nov. 1, 1946.

Ser. No. 515,506. MICHIGAN CHEMICAL CORPORATION, Saint Louis, Mich. Filed Jan. 9, 1947.

CHLORBROM

FOR CHEMICAL FIRE EXTINGUISHING COMPOSITION FOR USE IN ORDINARY FIRE EXTINGUISHERS.
Claims use since Nov. 29, 1946.

Ser. No. 517,235. LILLIAN HUNTER BROWNBACK, doing business as Qui Salt Company, Linfield, Pa. Filed Feb. 10, 1947.

Yule Love

FOR PERFUME.
Claims use since August 1946.

Ser. No. 519,499. SARA H. UPTEGRAFF, doing business under the name and style of Stampoff, Lewiston, N. Y. Filed Mar. 24, 1947.

STAMPOFF

FOR LIQUID FOR LOOSENING POSTAGE STAMPS FROM ENVELOPES OR OTHER PAPERS.
Claims use since Feb. 19, 1947.

Ser. No. 521,677. ADAM OGINT, doing business as Carbutone Manufacturing Co., Hollywood, Calif. Filed May 1, 1947.

Carbutone

FOR CHEMICAL PREPARATION FOR DISSOLVING SLUDGE IN CARBURETORS IN INTERNAL COMBUSTION ENGINES.
Claims use since July 1, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 481,686. ANCHOR POST FENCE COMPANY, Baltimore, Md. Filed Apr. 4, 1945.

ANCHOR

FOR METALLIC FENCING.
Claims use since July 1, 1892.

Ser. No. 497,436. AEROQUIP CORPORATION, Jackson, Mich., assignor to Standard Locknut & Lockwasher, Inc., Indianapolis, Ind., a corporation of Indiana. Filed Mar. 1, 1946.

X

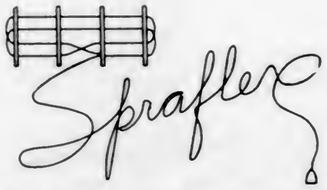
FOR METALLIC WASHERS.
Claims use since Jan. 15, 1946.

Ser. No. 512,482. BAL-DART INCORPORATED, Detroit, Mich. Filed Nov. 13, 1946.

BAL DART

FOR LAWN SPRINKLERS.
Claims use since Apr. 15, 1946.

Ser. No. 520,572. FORREST B. STANNARD, Clinton, Conn. Filed Apr. 12, 1947.



FOR FLEXIBLE SHOWER SPRAYS AND SHOWER HEADS.
Claims use since Mar. 1, 1947.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 525,891. JOHN LUCAS & COMPANY, INC., Philadelphia, Pa. Filed July 3, 1947.

GIBBSBORO

FOR PAINTS (DRY, PASTE, OR READY-MIXED); VARNISHES; WOOD FILLERS; AND PAINTERS' MATERIALS—NAMELY, DRIERS, WHITE LEAD, WHITE ZINC, JAPANS AND COLORS (DRY, PASTE, OR READY MIXED).
Claims use since 1850.

CLASS 19

VEHICLES

Ser. No. 496,018. ENGINEERING AND RESEARCH CORPORATION, Riverdale, Md. Filed Feb. 5, 1946.



FOR AIRPLANES.
Claims use since October 1945.

Ser. No. 505,577. GRAHAM PAIGE MOTORS CORPORATION, Willow Run, Mich., assignor to Kaiser-Frazer Corporation, Willow Run, Mich., a corporation of Nevada. Filed July 13, 1946.



The drawing is lined for the colors red, blue and orange. The translation of the motto "Je Suis Pret" is I am ready.
FOR PASSENGER AUTOMOBILE.
Claims use since Jan. 17, 1946.

Ser. No. 513,434. MALLORY MANUFACTURING COMPANY, Chapin, Iowa. Filed Nov. 29, 1946.

CANVASMATIC

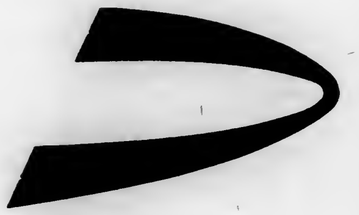
FOR WAGON BOXES HAVING UNLOADING MECHANISM.
Claims use since June 11, 1946.

Ser. No. 518,355. JAY ELECTRIC CO., Detroit, Mich. Filed Mar. 1, 1947.

Night-Glow

FOR REAR VIEW MIRRORS.
Claims use since September 1946.

Ser. No. 519,933. ENGINEERING AND RESEARCH CORPORATION, Riverdale, Md. Filed Apr. 1, 1947.



FOR AIRPLANES.
Claims use since October 1945.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 499,582. BLANCHE M. STURGEON, Santa Barbara, Calif. Filed Apr. 3, 1946.

Fantasy Children by Sturgeon

FOR DOLLS.
Claims use since Nov. 1, 1944.

Ser. No. 499,705. GOLFCRAFT, INC., Chicago, Ill. Filed Apr. 5, 1946.

Golfcraft

FOR GOLF CLUBS AND GOLF BALLS.
Claims use sinc Oct. 10, 1945.

Ser. No. 501,417. SPORT PRODUCTS INC., Cincinnati, Ohio. Filed May 3, 1946.



FOR ATHLETIC EQUIPMENT—NAMELY, BLOCKING PADS, SHOULDER PADS, HELMETS, NOSE GUARDS, SHOULDER PAD CUSHIONS, STRIKING BAGS, BOXING EAR AND FACE PROTECTORS, BASEBALL MITTS, LEG GUARDS, MASKS, BODY PROTECTORS, BAT BAGS, GLOVES, KNEE PADS, ELBOW PADS, SHIN GUARDS, BASKETBALLS, SOCCERBALLS, VOLLEYBALLS, FOOTBALLS, MEDICINE BALLS, SPEED BALLS, TETHER BALLS, SOFTBALLS, BASEBALLS, BASEBALL BATS, SOFTBALL BATS, SLIDING PADS, THIGH GUARDS, GOLF CLUBS, GOLF BALLS, KIDNEY PADS, BOXER'S HAND WRAPS, BOXING GLOVES, AND TENNIS RACKETS.
Claims use since Feb. 20, 1946.

Ser. No. 505,322. THE THOMPSON COMPANY, Cedar Rapids, Iowa. Filed July 9, 1946.

TELA TOY

The word "Toy" is disclaimed apart from the mark as shown.
FOR TOYS FOR EDUCATIONAL PURPOSES IN THE FORM OF METAL VIEWING BOXES EQUIPPED WITH SCREENS AND WITH MEANS FOR PROJECTING LETTERS, NUMERALS, AND PICTURES THEREON.
Claims use since Apr. 10, 1946.

Ser. No. 506,039. THE LA PORTE CORPORATION, Chicago, Ill., and Laporte, Ind. Filed July 22, 1946.

Pal SUPERBIKE

The word "Superbike" is disclaimed apart from the mark.
FOR TOY VELOCIPEDES.
Claims use since June 14, 1946.

Ser. No. 508,885. AUBURN RUBBER CORPORATION, Auburn, Ind. Filed Sept. 12, 1946.

ARCOR

FOR VEHICLES—NAMELY, MOTORIZED TOY REPRESENTATION OF SOME WEAPONS, TRACTORS, AUTOMOBILES, RACING CARS, SHOVELS, TRUCKS, TRACTOR-TRAILERS, MOTORCYCLES, FARM WAGONS, DELIVERY TRUCKS, HOOK AND LADDERS, PUMPERS AND HOSE CARS; WEAPONS—NAMELY, BOWIE KNIVES, DAGGERS, PISTOLS, JACK KNIVES, REVOLVERS AND TOMAHAWKS; TOOLS—NAMELY, HAMMERS, SAWS, HATCHETS, SCREW DRIVERS, PLIERS AND WRENCHES; AND MISCELLANEOUS TOYS SUCH AS SOLDIERS, FIREMEN, COWBOYS, FARMERS, FARM ANIMALS, AND FOWL.
Claims use since Mar. 1, 1945.

Ser. No. 510,818. CHARLES H. WATSON, doing business as Watson Industries, Laguna Beach, Calif. Filed Oct. 12, 1946.

Sportsation

FOR DEVICE COMPRISING A BASE WITH GUIDING FEATHERS EXTENDING THEREFROM, USED IN PLAYING AN OUTDOOR SPORT GAME KNOWN AS "PETEKA," WHEREIN THE DEVICE IS ADAPTED TO BE BATTED BACK AND FORTH BY PLAYERS WITH THE BARE HAND.
Claims use since Aug. 18, 1946.

Ser. No. 512,543. LUIS E. TACÓN, New York, N. Y. Filed Nov. 13, 1946.

SCRAPS 7★11

FOR PLAYING CARDS.
Claims use since June 25, 1946.

Ser. No. 525,599. HARVEY W. HUBNER, also doing business as Independent Iron Works, Los Angeles, Calif. Filed July 2, 1947.

PARAMOUNT

FOR BAR BELLS, DUMBBELLS, LEG-DEVELOPMENT WEIGHTS, NECK-DEVELOPMENT WEIGHTS, BAR BELL PLATES, DUMBBELL AND BAR BELL OUTFITS.
Claims use since Aug. 1, 1937.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 465,082. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Nov. 17, 1943.

FARM MASTER

Applicant disclaims the word "Farm" apart from the mark. The portrait is fanciful.
FOR HOG FEED AND OVERHEAD CONVEYOR TYPE LITTER CARRIERS, ROTARY WHEEL HOG OILERS, MILKING MACHINES, HEAD TRAP TYPE HOG CATCHERS, FENCE STRETCHERS, CHAIN HOISTS.
Claims use since July 15, 1940, on feed and litter carriers; and since Jan. 15, 1941, on hog oilers, milking machines, stretchers and hoists, and hog catchers.

Ser. No. 524,376. COCKSHUTT PLOW COMPANY, LIMITED, Brantford, Ontario, Canada. Filed June 18, 1947.



The wording "Plow Company Limited" is disclaimed apart from the mark. The drawing is lined to indicate red and yellow, but color is not considered an essential feature of the mark.
FOR FARM IMPLEMENTS OF ALL KINDS, SPECIFICALLY: PLOWS—NAMELY, WALKING PLOWS, BRUSH BREAKERS, ROAD PLOWS, SULKY PLOWS, GANG PLOWS, DISC PLOWS, TRACTORS, TRACTOR MOULDBOARD PLOWS, TRACTOR DISC PLOWS, PLOW SHARES, PLOW BOTTOMS; CORN AND COTTON PLANTERS; ROW CULTIVATORS; STIFF TOOTH AND SPRING TOOTH FIELD CULTIVATORS; BEET CULTIVATORS; SCUFFLERS; TILLER COMBINES, SEEDING ATTACHMENTS FOR, GRASS SEEDERS FOR, AND DISC PACKERS FOR, TILLER COMBINES; SEEDING MACHINERY—NAMELY, GRAIN DRILLS, GRAIN AND FERTILIZER DRILLS, PRESS WHEEL DRILLS, GRASS SEEDERS FOR DRILLS; ROD WEEDERS; HORSE-DRAWN AND TRACTOR-DRAWN MANURE SPREADERS; PULPERS AND SLICERS (CATTLE FEED); SOIL PULVERIZERS; BEET LIFTERS; TRANSPLANTERS; STALK CUTTERS; HAMMER MILLS; GRAIN GRINDERS; CORN SHELLERS; DRAG HARROWS—NAMELY, SCOTCH CLIP HARROWS, DIAMOND HARROWS, SPIKE TOOTH HARROWS, SPRING TOOTH HARROWS; HORSE-DRAWN AND TRACTOR-DRAWN DISC HARROWS; PULL TYPE AND SELF-PROPELLED TYPE HARVESTER COMBINES; GRAIN SWATHERS; HORSE-DRAWN AND TRACTOR-DRAWN HAY MOWERS; HAY RAKES; HAYLOADERS; HORSE-DRAWN AND TRACTOR-DRAWN GRAIN BINDERS; HORSE-DRAWN AND TRACTOR-DRAWN CORN BINDERS; FANNING MILLS; AND FARM TRACTORS.
Claims use since Dec. 1, 1939.

Ser. No. 525,177. AUTOMATIC WIRE GOODS MFG. CO. INC., New York, N. Y. Filed June 30, 1947.

"CHAMPION"

FOR MIXER STRAINERS WHICH ARE HOUSEHOLD KITCHEN TOOLS FOR SIFTING FLOUR AND STRAINING VEGETABLE PULP AND FOR STRAINING LIQUIDS GENERALLY, EACH OF SAID MIXER STRAINERS COMPRISING A WIRE MESH BOWL WITH LATERALLY EXTENDING HANDLE TO HOLD SAME IN HAND OVER A POT, AND ALSO HAVING A SHEET METAL VANE ROTATABLY POSITIONED IN THE BOWL AND MANUALLY TURNED BY A HANDLE.
Claims use since May 28, 1947.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 497,053. SUN GLASS INDUSTRIES, Newark, N. J. Filed Feb. 21, 1946.

PUR-O-LITE

The word "Lite" is disclaimed apart from the mark.
FOR SUN GLASSES.
Claims use since Mar. 11, 1944.

Ser. No. 509,857. MANNING, MAXWELL & MOORE, INCORPORATED, New York, N. Y. Filed Sept. 27, 1946.

CARBOTROL

FOR COMBINATION INSTRUMENT CONSISTING OF A TWO STAGE PRESSURE REGULATOR, PRESSURE ELECTRIC SWITCH AND DUAL EDGEWISE PRESSURE GAUGE, INTENDED FOR APPLICATION TO BEVERAGE CARBONATING DISPENSERS FOR THE PURPOSE OF INSURING PROPER CARBONATION AND INDICATING THE PRESSURE OF CARBON DIOXIDE IN THE SUPPLY TANK AND IN THE CARBONATION APPARATUS.
Claims use since Jan. 19, 1945.

Ser. No. 514,621. VAN A. PARKER, doing business as Parker Company, San Diego, Calif. Filed Dec. 20, 1946.

AUTOFLEX

FOR CAMERA TRIPOD EQUIPMENT.
Claims use since Mar. 1, 1946.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 513,546. ZODIAC S. A., La Chaux-de-Fonda and Le Locle, Switzerland. Filed Nov. 30, 1946.

OLYMPOS
ΟΛΥΜΠΟΣ

FOR WATCHES AND PARTS THEREOF.
Claims use since 1905.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 487,166. BRIGGS CLARIFIER COMPANY, Washington, D. C., assignor to The Briggs Filtration Company, Bethesda, Md., a corporation of Maryland. Filed Aug. 17, 1945.

DISCEL

FOR OIL CLARIFIERS AND EQUIPMENT AND PARTS THEREOF, INCLUDING PARTICULARLY CLARIFIER REFILLS, FOR USE AS ACCESSORY TO INTERNAL COMBUSTION AND OTHER MOTORS, PUMPS, MACHINES AND THE LIKE.
Claims use since May 23, 1944.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 507,190. KOHLER & CAMPBELL, INC., New York, N. Y. Filed Aug. 10, 1946.

The Autopiano

Applicant owns Reg. No. 45,409.
FOR PIANOS.
Claims use since January 1904.

CLASS 37

PAPER AND STATIONERY

Ser. No. 474,754. THE MCBEE COMPANY, Athens, Ohio. Filed Sept. 30, 1944.

Athenian

Bond

No claim is made to the word "Bond" apart from the mark as shown.
FOR BOND PAPER.
Claims use since Mar. 31, 1944.

Ser. No. 505,259. SOUTHERN ADVANCE BAG & PAPER CO. INC., Bangor, Maine, and Boston, Mass. Filed July 8, 1946.

SOUTHERN ADVANCE BAG & PAPER CO. INC.

The words "Bag & Paper Co. Inc." are disclaimed apart from the mark.
FOR KRAFT WRAPPING PAPER, BOTH PLAIN AND TREATED TO MAKE IT WATER-RESISTANT FOR MEAT WRAPPING.
Claims use since June 10, 1946.

Ser. No. 506,676. THE LE SHORE CORPORATION, New York and Long Island City, N. Y. Filed Aug. 1, 1946.

TEL-EZE

FOR FILING EQUIPMENT—NAMELY, FILE CARDS AND FILE CARD BOXES.
Claims use since Dec. 20, 1945.

Ser. No. 514,084. THE ECLIPSE FOUNTAIN PEN AND PENCIL COMPANY, LIMITED, Toronto, Canada. Filed Dec. 11, 1946.

HOODED KNIGHT

FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESK SETS.
Claims use since Jan. 5, 1946.

Ser. No. 521,045. WINSLOW PRODUCT ENGINEERING CORPORATION, Los Angeles, Calif. Filed Apr. 19, 1947.

ELASTICHUCK

FOR CHUCK PENCILS.
Claims use since June 9, 1945.

Ser. No. 524,777. COLOR-BANK COMPANY, Waynesboro, Pa. Filed June 25, 1947.

COLOR-BANK

No claim is made herein to the word "Color" apart from the mark shown in the drawing.
FOR CRAYON HOLDERS—NAMELY, BLOCKS EACH HAVING MEANS FOR HOLDING A SET OF CRAYONS IN SPACED APART RELATION FOR CONVENIENT SELECTION BY THE USER.
Claims use since Feb. 27, 1947.

Ser. No. 525,967. THE SORG PAPER COMPANY, Middletown, Ohio. Filed July 3, 1947.

WHITE ROCK

FOR WRITING PAPER, BOND PAPER, AND LEDGER PAPER.
Claims use since 1917.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 514,258. DUNCAN ELECTRIC MANUFACTURING COMPANY, Lafayette, Ind. Filed Dec. 14, 1946.



The word "Register" appears in black, and the words "The Duncan" and the background appear in two tones of the same color other than black, color being varied from issue to issue. The representation of the meter register face is left white. Applicant disclaims exclusive rights by this registration in the name "Duncan" except with respect to the remainder of the mark.
FOR PERIODICALS PUBLISHED AT IRREGULAR INTERVALS.
Claims use since Oct. 16, 1942.

Ser. No. 523,185. IDEAL PUBLISHING CORP., New York, N. Y. Filed May 28, 1947.

RADIO PARADE

No claim is made to the word "Radio" apart from the mark as shown.
FOR MONTHLY MAGAZINE.
Claims use since May 5, 1947.

Ser. No. 524,155. REGAL PUBLISHING CORPORATION, New York, N. Y. Filed June 13, 1947.

COMET
Professional Racing
FIGURES

The words "Professional Racing Figures" are disclaimed, except as used in this mark. The spaced horizontal lines in the word "Figures" are shade lines.
FOR DAILY PUBLICATION RELATING TO TURF DATA.
Claims use since May 30, 1947.

Ser. No. 525,508. IRENE F. SMITH, Hyattsville, Md. Filed July 1, 1947.

PROGRESS INTERPRETED

FOR SERIES OF PUBLISHED TRANSLATIONS, SOLD AS SUCH, OF FOREIGN-LANGUAGE DOCUMENTS PERTAINING TO TECHNICAL PROCESSES.
Claims use since Jan. 1, 1934.

CLASS 39

CLOTHING

Ser. No. 516,406. FOLLY COVE DESIGNERS, Gloucester and Annisquam, Mass. Filed Jan. 27, 1947.

FOLLY COVE DESIGNERS

Applicant disclaims exclusive use of the word "Designers."
FOR DIRNDLS, JUMPERS, PINAFORES, BLOUSES, BOLEROS, DAYTIME DRESSES, EVENING DRESSES, BATHING SUITS, BEACH COATS, HOUSE COATS, NEGLIGEES, SMOCKS, PAJAMAS, TROUSERS, HATS, CAPS, BERETS, NECKTIES, SCARVES, KERCHIEFS, APPAREL BELTS, AND HANDKERCHIEFS.
Claims use since Dec. 1, 1941.

Ser. No. 520,574. VICTORIA JUNIORS, New York, N. Y. Filed Apr. 12, 1947.

Tujacks

FOR MISSES' AND JUNIOR MISSES' COATS, SUITS, JACKETS, OUTER SKIRTS, AND JUMPER DRESSES.
Claims use since Mar. 15, 1947.

Ser. No. 522,685. ALBERT, INC., Chicago, Ill. Filed May 20, 1947.

Deena

FOR WOMEN'S, MISSES,' AND JUNIOR MISSES' OR GIRLS' UNDERGARMENTS—NAMELY, SLIPS AND NIGHTGOWNS.
Claims use since Apr. 14, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 493,991. X-RAY PRODUCTS CORPORATION, Los Angeles, Calif. Filed Dec. 28, 1945.

PENETREX

FOR MEDICAL AND DENTAL RADIOGRAPHIC AND FLUOROSCOPIC MACHINES AND APPARATUS FOR TAKING AND PROJECTING X-RAY PHOTOGRAPHS.
Claims use since Jan. 2, 1940.

Ser. No. 525,928. NATIONAL CARBON COMPANY, INC., New York, N. Y. Filed July 3, 1947.

National

FOR THERAPEUTIC ARC LAMPS AND CARBONS THEREFOR.
Claims use since about 1939 in respect of arc lamps; and since about 1926 in respect of carbon.

Ser. No. 526,328. PERCIVAL LYONS, Hove, England. Filed June 5, 1947.

RHEUMALON

FOR ELECTRO-THERAPEUTIC APPLIANCES—NAMELY, APPARATUS EMBODYING A CONTROL PANEL AND ELECTRODES FOR THE APPLICATION OF ELECTRICITY TO THE HUMAN BODY FOR USE IN THE TREATMENT OF RHEUMATISM AND ALLIED COMPLAINTS.
Claims use since May 17, 1946.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 524,670. WM. FRANZ BEVERAGE CO., Philadelphia, Pa. Filed June 23, 1947.

Orange Grove

The word "Orange" is disclaimed apart from the word combination "Orange Grove."
FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since May 19, 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 484,660. BLUE MOON FOODS, INC., Thorp, Wis., assignor to Blue Moon Foods, Inc., Dover, Del., a corporation of Delaware. Filed June 18, 1945.

BLUE MOON

The word "Blue" is disclaimed apart from the mark. Applicant is the present owner of registration Nos. 388,282, 410,675, and 412,144.
FOR CHEESE AND CHEESE SPREAD.
Claims use since Jan. 15, 1931.

Ser. No. 515,178. HOVIS LIMITED, London, England. Filed Jan. 2, 1947.

HOVIS

Applicant owns Reg. Nos. 23,788 and 219,747.
FOR WHEAT FLOUR.
Claims use since Nov. 13, 1890.

Ser. No. 517,608. BEWLEY MILLS, Fort Worth, Tex. Filed Feb. 17, 1947.

CERVATO BLANCO

FOR WHEAT FLOUR.
Claims use since Jan. 1, 1910.

Ser. No. 517,962. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio. Filed Feb. 24, 1947.

TIP-Y-TOP

COLSO

FOR TOPPING CONTAINING CEREAL, NUT MEATS, SUGAR SYRUP, FLAVORING, AND COLORING INGREDIENTS, FOR USE ON VARIOUS BAKERY PRODUCTS, INCLUDING ROLLS AND CAKES, AND ALSO USED ON ICE CREAM.
Claims use since March 1927.

Ser. No. 517,971. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio. Filed Feb. 24, 1947.

NU-LITE

COLSO

The word "Lite" is disclaimed apart from the mark as shown.
FOR PRODUCT CONTAINING CORN SYRUP, SUGAR SYRUP, EGG ALBUMEN, GELATIN FOR MAKING A MOCK WHIPPED CREAM, AND ADAPTED FOR USE AS A FILLING, ICING, OR TOPPING FOR BAKERY PRODUCTS.
Claims use since March 1927.

Ser. No. 518,023. MCSWEENY BROS., Temecula, Calif. Filed Feb. 24, 1947.

SHAMROCK

FOR FRESH CARROTS.
Claims use since May 1921.

Ser. No. 521,023. MICHIGAN BEAN COMPANY, Saginaw, Mich. Filed Apr. 19, 1947.

JACK RABBIT

Applicant owns Reg. No. 359,398. The drawing is lined for the colors blue and red.
FOR DRIED KIDNEY BEANS.
Claims use since October 1945.

Ser. No. 521,155. SOUTH ATLANTIC SALES COMPANY, INC., Baltimore, Md. Filed Apr. 22, 1947.

DINE INN

FOR MACARONI.
Claims use since Mar. 20, 1947.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 506,484. JOHN D. TYLER, Nashville, Tenn. Filed July 29, 1946.



No claim is made to the words "Better Mouse Trap" apart from the mark.
FOR MOUSE TRAPS.
Claims use since July 20, 1946.

Ser. No. 524,742. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed June 24, 1947. Under 10-year proviso.

SHERWIN-WILLIAMS

Applicant owns Reg. Nos. 438,455 and 336,077.
FOR SILK SCREEN OUTFIT CONTAINING VARIOUS PAINTS, SILK SCREEN, PRINTING FRAME, PRINTING BASE, SQUEEGEE, STENCIL KNIFE, INSTRUCTOR HANDBOOK, GLUE, SHELLAC, AND OTHER MATERIALS REQUIRED IN THE SILK SCREEN PROCESS FOR PREPARING SIGNS AND OTHER ADVERTISING MEDIA.
Claims use since June 1941.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 514,452. THE VISKING CORPORATION, Chicago, Ill., and Richmond, Va. Filed July 5, 1947.



The word "Product" is disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 278,352, Dec. 16, 1930; 278,356, Dec. 16, 1930; 310,467, Feb. 27, 1934; 388,423, June 24, 1941; 422,074, July 2, 1946; 425,249, Nov. 12, 1946; and 428,736, Apr. 1, 1947.
FOR THIN FLEXIBLE PLASTIC SHEETS DESIGNED FOR A VARIETY OF NON-ASSOCIATED USES.
Claims use since May 1, 1946.

Ser. No. 518,195. OTTO V. BATTLES, Los Olivos, Calif. Filed Nov. 20, 1947.

ROSEMERE

FOR ABERDEEN-ANGUS CATTLE.
Claims use since June 15, 1898.

Ser. No. 528,999. FRANKLIN COUNTY COAL CORPORATION, Chicago, Ill. Filed July 21, 1947.

ParFuel

The word "Fuel" is disclaimed apart from the mark as shown.
FOR BITUMINOUS COAL.
Claims use since November 1938.

Ser. No. 534,846. WEST KENTUCKY COAL COMPANY, Earlington, Ky. Filed Sept. 17, 1947. Under section 2f of the act of 1946.

SILVER VALLEY

FOR COAL.
Claims use since Oct. 25, 1937.

Ser. No. 538,468. THOMPSON HYBRID CORN COMPANY, INC., Belmond, Iowa. Filed Oct. 20, 1947.



The representation of the ear of corn and the word "Hybrids" are disclaimed apart from the mark.
FOR HYBRID SEED CORN.
Claims use since July 18, 1943.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 529,852. ARMOUR AND COMPANY, Chicago, Ill. Filed July 29, 1947.

GIANT

FOR SOAP.
Claims use since October 1922.

Ser. No. 529,854. ARMOUR AND COMPANY, Chicago, Ill. Filed July 29, 1947. Under section 2f of the act of 1946.

INDUSTRIAL

FOR SOAP.
Claims use since June 19, 1930.

Ser. No. 529,855. ARMOUR AND COMPANY, Chicago, Ill. Filed July 29, 1947. Under section 2f of the act of 1946.

HOSPITAL GREEN

FOR SOAP.
Claims use since 1920.

Ser. No. 531,599. INLAND RUBBER CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

INLAND

FOR ABRASIVE KNIFE SHARPENERS; CLEANERS AND SOLVENTS FOR CLEANING SURFACE OF RUBBER ARTICLES PREPARATORY TO MENDING OR PATCHING; AND METAL POLISHES.
Claims use since May 1943.

Ser. No. 532,140. WALTER G. LEGGE COMPANY, INC., New York, N. Y. Filed Aug. 22, 1947. Under section 2f of the act of 1946.

FLOOR SHINE

Applicant claims ownership of registration No. 412,749.
FOR CLEANSER FOR TERRAZZO, MARBLE, CEMENT, HARD TILE AND TRAVERTINE FLOORING.
Claims use since Mar. 1, 1932.

Ser. No. 533,563. HAMPDEN COLOR AND CHEMICAL COMPANY, Springfield, Mass. Filed Sept. 5, 1947. Under section 2f of the act of 1946.

Hampden

Applicant claims ownership of registrations Nos. 124,306, 140,821, and 298,667.
FOR DETERGENTS FOR INDUSTRIAL USAGE—NAMELY, FOR CLEANING THE SURFACES OF GLASS, MARBLE, MASONRY, WOOD, AND ALL TYPES OF METAL.
Claims use since 1925.

Ser. No. 537,762. WILT INCORPORATED, Long Island City, N. Y. Filed Oct. 13, 1947.

Wilt

FOR PREPARATION FOR SOFTENING BEARDS, UNDERARM SHAVING, AND SHAVING THE LEGS.
Claims use since Aug 27, 1947.

Ser. No. 538,497. CONNOISSEURS' GIFT SHOP, INC., Boston, Mass., now by change of name Connoisseurs Products Corporation, a corporation of Massachusetts. Filed Oct. 21, 1947.

Connoisseurs



Applicant claims ownership of registration No. 435,644.
FOR JEWELRY, WATCHES AND EYEGLASS CLEANER.
Claims use since Sept. 4, 1946.

Ser. No. 545,453. THE CUDAHY PACKING COMPANY, Chicago, Ill. Filed Dec. 26, 1947.

FORMULA 12

The word "Formula" is disclaimed apart from the mark as shown.

FOR RUG, FABRIC, AND AUTOMOBILE CLEANING PREPARATION.

Claims use since Sept. 5, 1947.

Ser. No. 549,836. ORONITE CHEMICAL COMPANY, San Francisco, Calif., and Wilmington, Del. Filed Feb. 16, 1948.

ALDET

FOR SURFACE ACTIVE DETERGENTS FOR USE IN GENERAL, HOUSEHOLD, PROFESSIONAL, COMMERCIAL, AND INDUSTRIAL CLEANING, WASHING, AND POLISHING.

Claims use since Dec. 15, 1947.

Ser. No. 549,837. ORONITE CHEMICAL COMPANY, San Francisco, Calif., and Wilmington, Del. Filed Feb. 16, 1948.

VIDET

FOR SURFACE ACTIVE DETERGENTS FOR USE IN GENERAL HOUSEHOLD, PROFESSIONAL, COMMERCIAL, AND INDUSTRIAL CLEANING, WASHING AND POLISHING.

Claims use since Dec. 15, 1947.

Ser. No. 552,295. THE M. WERK COMPANY, St. Bernard, Ohio. Filed Mar. 18, 1948.

REDOTEX FLAKES
NEUTRAL RED OIL SOAP

The color lining appearing on the drawing is for shading purposes only. Applicant disclaims as part of the trade-mark the descriptive words "Flakes" and "Neutral Red Oil Soap" as shown on the drawing. Applicant claims ownership of registration No. 318,097.

FOR CLEANING COMPOUND FOR GENERAL LAUNDRY, TEXTILE, AND SIMILAR INDUSTRIAL USES.

Claims use since Apr. 15, 1933.

Ser. No. 554,923. ROSE SCHRAGER, doing business as Silver Chemical Co., Brooklyn, N. Y. Filed Apr. 17, 1948.

Silver Cup



No claim is made to the word "Silver" apart from the mark shown on the drawing.

FOR POWDER FOR CLEANING SILVERWARE.

Claims use since Jan. 17, 1948.

Ser. No. 558,830. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed June 9, 1948.

VICARWon

FOR ALL-PURPOSE CLEANSER IN POWDER FORM.

Claims use since Apr. 13, 1948.

CLASS 5

ADHESIVES

Ser. No. 498,050. BEUTEX CORPORATION, Perth Amboy, N. J. Filed Nov. 21, 1947. Under section 2f of the act of 1946.

DURA-SEAL

FOR PRESSURE SENSITIVE ADHESIVE SHEETS USED TO PROTECT DOCUMENTS FOR MENDING AND PROTECTION PURPOSES.

Claims use since Nov. 15, 1941.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 496,921. POROCEL CORPORATION, Wilmington, Del., and Philadelphia, Pa. Filed Nov. 5, 1947.

DRIOCAN

Applicant claims ownership of registration No. 408,187.

FOR PACKAGED ADSORBENT MATERIAL FOR ADSORBING EXCESS MOISTURE.

Claims use since Nov. 28, 1945.

Ser. No. 507,333. NOPCO CHEMICAL COMPANY, Harrison, N. J., now by change of name from National Oil Products Co. Filed Jan. 29, 1948.

MODICOL

FOR ORGANIC WETTING AGENTS FOR USE AS STABILIZERS AND PIGMENT DISPERSING AIDS IN THE COMPOUNDING OF NATURAL AND SYNTHETIC RUBBER LATICES.

Claims use since September 1945.

Ser. No. 509,343. HOLLAND-RANTOS COMPANY, INC., New York, N. Y. Filed Oct. 18, 1947.

HR

FOR VAGINAL JELLY.

Claims use since May 1, 1931.

Ser. No. 509,559. BURROUGHS WELLCOME & Co. (U. S. A.) INC., Tuckahoe, N. Y. Filed June 8, 1948.

'THEOBA'

FOR A SEDATIVE, VASODILATOR, CARDIOTONIC AND DIURETIC; USED IN THE SYMPTOMATIC TREATMENT OF HIGH BLOOD PRESSURE AND CERTAIN HEART CONDITIONS.

Claims use since Sept. 3, 1946.

Ser. No. 509,599. RARE CHEMICALS, INC., Harrison, N. J. Filed Jan. 29, 1948.

AMINOFERRATOSE

Applicant claims ownership of registration No. 343,055.

FOR PREPARATION FOR TREATMENT OF HYPOCHROMIC ANEMIA.

Claims use since August 1946.

Ser. No. 514,792. THE ARDMORE CHEMICAL COMPANY, Columbus, Ohio. Filed Dec. 22, 1947.

"DUTCH GIRL"

FOR CLOTHES BLEACH.

Claims use since Nov. 30, 1946.

Ser. No. 518,468. THE LANDER CO. INC., New York, N. Y. Filed July 24, 1947. Under section 2f of the act of 1946.

Dorothy Reed

The name shown in the drawing is merely fanciful.

FOR FACE POWDER, LIPSTICK, TOILET WATER, GLYCERINE AND ROSE WATER, SHAMPOO, AND SKIN FRESHENER.

Claims use since September 1937.

Ser. No. 518,554. NOPCO CHEMICAL COMPANY, Harrison, N. J., now by change of name from National Oil Products Co. Filed Jan. 29, 1948.

NOPDEX

Applicant claims ownership of registrations Nos. 349,176, 359,712, 360,494, and 395,122.

FOR HIGH POTENCY VITAMIN-CONTAINING SOLID, AS A DIETARY SUPPLEMENT FOR FORTIFYING ANIMAL AND POULTRY FOODS AND FEEDS.

Claims use since Jan. 14, 1947.

Ser. No. 523,251. TIFFIE C. ELKINS, doing business as Elko Division of W. C. Manufacturing Co., Stephenville, Tex. Filed Apr. 5, 1948.

ELKO



FOR RADIATOR STOP LEAK PREPARATION.

Claims use since Feb. 17, 1947.

Ser. No. 525,717. VELSICOL CORPORATION, Chicago, Ill. Filed Mar. 11, 1948.

VELSICOL

Applicant claims ownership of registrations Nos. 425,674, 425,676, and 435,038.

FOR HYDROCARBON SOLVENTS PREPONDERATELY COMPOSED OF AROMATIC HYDROCARBONS.

Claims use since April 1937.

Ser. No. 527,427. TABLE ROCK LABORATORIES, INC., Greenville, S. C. Filed July 5, 1947.

BUFOSAL

Applicant claims ownership of registration No. 364,337.

FOR A PREPARATION FOR THE TREATMENT OF RHEUMATISM, ARTHRITIS, COLDS, INFLUENZA, TONSILITIS, AND OTHER CONDITIONS THAT AN ANALGESIC OF THIS KIND WOULD BE PRESCRIBED, AND GOUT AND RHEUMATIC FEVER.

Claims use since Jan. 1, 1937.

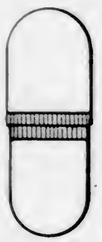
Ser. No. 527,534. ROBERT H. CLARK, doing business as Robert H. Clark Company, Beverly Hills, Calif. Filed July 5, 1947.

Billowing

FOR BATH SALTS.

Claims use since November 1939.

Ser. No. 528,093. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed July 7, 1947.



The representation of the capsule is disclaimed. The trade-mark consists in providing the capsule which contains the goods with a pink band.

FOR VITAMIN PREPARATIONS, ANALGESICS, HYPNOTICS, SEDATIVES, ANTIHISTAMINE AGENTS, ANTIBIOTICS, CARDIAC STIMULANTS, CARDIAC DEPRESSANTS, CEREBRAL DEPRESSANTS, CEREBRAL STIMULANTS, CHEMOTHERAPEUTIC AGENTS, HORMONES, NARCOTICS, NERVE STIMULANTS, NERVE DEPRESSANTS AND NUTRIENTS.

Claims use since Mar. 13, 1939.

Ser.. No. 528,094. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed July 7, 1947.

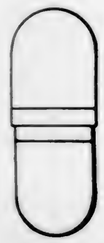


The representation of the capsule is disclaimed. The trade-mark consists in providing the capsule which contains the goods with a blue band. Applicant claims ownership of registration No. 375,448.

FOR VITAMIN PREPARATIONS, ANALGESICS, HYPNOTICS, SEDATIVES, ANTIHISTAMINE AGENTS, ANTIBIOTICS, CARDIAC STIMULANTS, CARDIAC DEPRESSANTS, CEREBRAL DEPRESSANTS, CEREBRAL STIMULANTS, CHEMOTHERAPEUTIC AGENTS, HORMONES, NARCOTICS, NERVE STIMULANTS, NERVE DEPRESSANTS AND NUTRIENTS.

Claims use since June 30, 1936.

Ser. No. 528,095. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed July 7, 1947.



The representation of the capsule is disclaimed. The trade-mark consists in providing the capsule which contains the goods with a white band. Applicant claims ownership of registrations Nos. 375,447 and 397,508.

FOR VITAMIN PREPARATIONS, ANALGESICS, HYPNOTICS, SEDATIVES, ANTIHISTAMINE AGENTS, ANTIBIOTICS, CARDIAC STIMULANTS, CARDIAC DEPRESSANTS, CEREBRAL DEPRESSANTS, CEREBRAL STIMULANTS, CHEMOTHERAPEUTIC AGENTS, HORMONES, NARCOTICS, NERVE STIMULANTS, NERVE DEPRESSANTS AND NUTRIENTS.

Claims use since Dec. 6, 1935.

Ser. No. 528,773. COBAR LABORATORIES, INC., Akron, Ohio. Filed July 17, 1947.

VITEX

FOR CHEMICALLY TREATED PARAFFIN FOR USE IN RESTORING FINISHING OILS TO AND IN SIZING SILK, WOOL, AND LIKE GARMENTS AFTER DRY CLEANING.

Claims use since July 1, 1947.

Ser. No. 528,842. THE MADAM C. J. WALKER MANUFACTURING COMPANY, INC., Indianapolis, Ind. Filed July 17, 1947.

Madam C. J. Walker's
GLOSSINE

The words "Madam C. J. Walker's" are disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 120,759, 153,556, 173,199, and 255,740.

FOR PRESSING OIL.

Claims use since 1911.

Ser. No. 530,054. BAKER EXTRACT COMPANY, Springfield, Mass. Filed July 31, 1947. Under section 2f of the act of 1946.

BAKER'S

Applicant claims ownership of registrations Nos. 66,403, 257,785, 305,244, 308,444, 309,741, 310,304, 330,888, 331,818, 332,849, and 384,142.

FOR CAMPHOR, CAMPHORATED OIL, GLYCERINE, COUGH SYRUP, AND FOOD COLORING COMPOUNDS.

Claims use since July 1, 1926.

Ser. No. 530,295. THE CORONA MANUFACTURING CO., Kenton, Ohio. Filed Aug. 2, 1947.

CORONA

FOR OINTMENT.

Claims use since Jan. 1, 1906.

Ser. No. 530,397. GALREE PRODUCTS CO., INC., New York, N. Y. Filed Aug. 4, 1947.

WHITEKOTE

FOR MOTH PREVENTATIVE AND INSECTICIDE.

Claims use since Feb. 15, 1935.

Ser. No. 530,512. INTERNATIONAL PRODUCTS CORPORATION, New York, N. Y. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

SUPREMO

FOR TANNING EXTRACTS.

Claims use since Mar. 31, 1920.

Ser. No. 532,052. NOVADEL-AGENE CORPORATION, Belleville, N. J., and Buffalo, N. Y. Filed Aug. 21, 1947.

LUPERSOL

Applicant claims ownership of registrations Nos. 360,640 and 373,049.

FOR LIQUID COMPOUNDS OR SOLUTIONS CONTAINING ORGANIC PEROXIDES IN COMBINATION WITH ORGANIC OR INORGANIC FILLERS OR DILUENTS.

Claims use since June 12, 1947.

Ser. No. 536,367. THE FAIR, Chicago, Ill. Filed Oct. 1, 1947. Under section 2f of the act of 1946.

THORO-KLEEN

FOR MOUTH WASH.

Claims use since June 1, 1937.

Ser. No. 538,049. SOCIETE DES USINES CHIMIQUES RHONE-POULENC, Paris, France. Filed Oct. 16, 1947.

CUPRALENE

Applicant claims ownership of French registration No. 371,098, filed Oct. 8, 1946.

FOR MEDICAMENTS FOR USE IN VETERINARY THERAPEUTICS.

Ser. No. 539,051. H. L. P. MANUFACTURING COMPANY, Houston, Tex. Filed Oct. 25, 1947.

HLP

FOR WELDING COMPOUND USED IN OXYACETYLENE PROCESS WITH CAST IRON RODS IN ORDER TO HARD-SURFACE OR HARD FACE MACHINERY PARTS OR TOOLS SUCH AS CRUSHER JAWS, DIPPER TEETH, AND THE LIKE.

Claims use since July 16, 1946.

Ser. No. 539,097. THE STANDARD ULTRAMARINE CO., Huntington, W. Va. Filed Oct. 25, 1947.



The drawing is lined for the color blue. Applicant claims ownership of registrations Nos. 119,813 and 333,978.

FOR ULTRAMARINE BLUE, LAUNDRY BLUE, IRON BLUE; ORGANIC RED PIGMENTS OF THE AZO GROUP AS FOLLOWS: PARA RED PIGMENTS, LITHOL RED PIGMENTS, TOLUIDINE RED PIGMENTS, RED LAKE C PIGMENTS, PERMANENT ROT R RED PIGMENTS, GUYANDOT RED PIGMENTS, VIRGINIA RED PIGMENTS; ORGANIC ORANGE PIGMENTS OF THE AZO GROUP AS FOLLOWS: AZO ORANGE LO PIGMENTS, PERMANENT ORANGE PIGMENTS; TRIPHENYLMETHANE DYES AS FOLLOWS: ACID BLUE, SOLUBLE BLUE, FUCHSINE; ALKALI BLUE TONER, METHYL VIOLET TONER, AND BLANC FIXE (BARIUM SULPHATE).

Claims use since Apr. 1, 1917.

Ser. No. 539,443. THE C. F. SAUER COMPANY, Richmond, Va. Filed Oct. 29, 1947. Under section 2f of the act of 1946.

SAUER'S

Applicant claims ownership of registration No. 202,172.

FOR MEDICINAL LINIMENT RECOMMENDED FOR MUSCLE SORENESS, MUSCLE STIFFNESS, OR MUSCLE CRAMPS, DUE TO EXERTION, EXPOSURE, OR FATIGUE; NEURALGIA OR MUSCULAR STIFF NECK FROM DRAFTS OR EXPOSURE.

Claims use since 1899.

Ser. No. 540,459. LEO J. SAUERBORN, doing business as Lubaid Company, Milwaukee, Wis. Filed Nov. 7, 1947. Under section 2f of the act of 1946.

SOOTOUT

Applicant claims ownership of registration No. 404,216.

FOR CARBON BINDER SOLVENT, SLUDGE SOLVENT, AND SOOT REMOVER.

Claims use since Aug. 10, 1942.

Ser. No. 540,945. VITAMINS, INC., Chicago, Ill. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

DE-LIQUID

FOR VITAMIN D CONCENTRATE FOR FORTIFYING FLUID MILK.

Claims use since Mar. 2, 1938.

Ser. No. 541,192. LEO J. SAUERBORN, doing business as Lubaid Company, Milwaukee, Wis. Filed Nov. 14, 1947.

L-S-O

FOR LIQUID CHEMICAL TO BE ADDED TO INDUSTRIAL, MARINE, AND LOCOMOTIVE FUEL OIL TO REMOVE SOOT AND CARBON SCALE IN FLUES, BOILERS, BURNER NOZZLES, AND OIL SYSTEMS.

Claims use since July 1, 1947.

Ser. No. 542,358. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Nov. 25, 1947.

MULSAVITE-F

Applicant disclaims the letter "F" apart from the mark. Applicant claims ownership of registration No. 389,056.

FOR VITAMIN PREPARATION.

Claims use since Nov. 4, 1947.

Ser. No. 542,471. LAMBERT W. HORN, San Francisco, Calif. Filed Nov. 26, 1947.

Horn OIL

The word "Oil" is disclaimed apart from the mark.

FOR BODY CLEANSING OIL.

Claims use since Sept. 17, 1947.

Ser. No. 543,209. THE MENNEN COMPANY, Newark, N. J. Filed Dec. 3, 1947. Under section 2f of the act of 1946.

SKIN BRACER

FOR SKIN LOTION.

Claims use since June 1931.

Ser. No. 543,247. WYETH INCORPORATED, Philadelphia, Pa. Filed Dec. 3, 1947.

BASALJEL

FOR BASIC ALUMINUM CARBONATE GEL.

Claims use since Nov. 11, 1947.

Ser. No. 543,311. THE MENNEN COMPANY, Newark, N. J. Filed Dec. 4, 1947. Under section 2f of the act of 1946.

MENNEN

Applicant claims ownership of registrations Nos. 121,288, 237,118, 287,514, 337,361, 337,749, and 358,165.

FOR TOILET POWDER, TALCUM POWDER, MEDICATED POWDER, BABY OIL, SKIN BALM, AND SKIN CREAM.

Claims use on toilet powder since July 12, 1889; on talcum powder since January 1928; on medicated powder since Jan. 4, 1939; on baby oil since 1930; on skin balm since 1930; and on skin cream since 1930.

Ser. No. 543,579. MABLE EVELYN ECK, Montoursville, Pa. Filed Dec. 6, 1947.

THAW-REEN

FOR PREPARATION FOR THE TREATMENT AND RELIEF OF FROZEN OR FROST-BITTEN PARTS OF THE HUMAN BODY.

Claims use since Nov. 12, 1947.

Ser. No. 543,938. KEYSTONE LABORATORIES, INC., Memphis, Tenn. Filed Dec. 10, 1947.

KEYSTONE'S TAKING LINIMENT

The wording "Taking Liniment" is disclaimed apart from the mark as shown in the drawing.

FOR PREPARATION TO BE TAKEN FOR RELIEVING DISCOMFORT OF GASTRIC FLATULENCE.

Claims use since Sept. 15, 1947.

Ser. No. 545,114. FELTS AND GUNNELS, Clovis, N. Mex. Filed Dec. 22, 1947.



FRANK FELTS

F & G Dandruff Remover

The picture forming part of the trade-mark is that of Frank Felts, a member of the firm. The words "Dandruff Remover" are disclaimed apart from the mark as shown.

FOR LIQUID DANDRUFF REMOVER.

Claims use since Aug. 15, 1945.

Ser. No. 545,275. PALMER LABORATORIES, Lancaster, Pa. Filed Dec. 23, 1947.

Resurgam LOTION

The word "Lotion" is disclaimed apart from the mark.

FOR A PREPARATION FOR THE TREATMENT OF VARICOSE ULCERS, MINOR BURNS AND EXTERNAL SKIN IRRITATIONS.

Claims use since Nov. 3, 1947.

Ser. No. 545,294. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed Dec. 23, 1947. Under section 2f of the act of 1946.

SAFE-N-LEAD

Applicant claims ownership of registration No. 386,608.

FOR INSECTICIDES AND FUNGICIDES.

Claims use since Feb. 19, 1940.

Ser. No. 545,297. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed Dec. 23, 1947. Under section 2f of the act of 1946.

SPRED-RITE

Applicant claims ownership of registration No. 349,746.

FOR INSECTICIDES AND FUNGICIDES.

Claims use since June 18, 1936.

Ser. No. 545,383. THE MCCAMBRIDGE & MCCAMBRIDGE CO., Baltimore, Md. Filed Dec. 24, 1947.

FIENDOIL

Applicant claims ownership of registration No. 241,645.
FOR CHEMICAL COMPOSITION FOR THE PREVENTION OF CORROSION.
Claims use since June 29, 1927.

Ser. No. 545,553. STANBACK COMPANY, LTD., Salisbury, N. C. Filed Dec. 26, 1947. Under section 2f of the act of 1946.

STANBACK

Applicant claims ownership of registration No. 208,001.
FOR ANALGESIC PREPARATIONS.
Claims use since Jan. 1, 1924.

Ser. No. 545,595. STAUFFER CHEMICAL COMPANY, San Francisco, Calif. Filed Dec. 27, 1947.

CRYSTEX

Applicant claims ownership of registration No. 374,896.
FOR SULPHUR.
Claims use since May 1, 1939.

Ser. No. 545,627. HUDSON'S EUMENTHOL CHEMICAL COMPANY PTY. LIMITED, Glebe, Sydney, New South Wales, Australia. Filed Dec. 29, 1947.

EUMENTHOL

Applicant claims ownership of Australian registration No. 5623 dated February 4, 1906.
FOR MEDICATED LOZENGES.

Ser. No. 546,374. DITTO, INCORPORATED, Chicago, Ill. Filed Jan. 7, 1948.

DOMINO

FOR SOLVENT FOR USE IN DUPLICATING PROCESSES OF THE TYPE WHEREIN COPY SHEETS ARE MOISTENED WITH THE SOLVENT AND BROUGHT INTO CONTACT WITH DATA APPEARING ON MASTER SHEETS.
Claims use since Dec. 13, 1947.

Ser. No. 546,537. AUGUSTUS JAMES AFFLECK, doing business under the name and style of Affleck Laboratories, Sacramento, Calif. Filed Jan. 9, 1948.

GEMOLYSIN

Applicant claims ownership of registration No. 260,489.
FOR HYGIENIC DOUCHE POWDER.
Claims use since 1935.

Ser. No. 546,605. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Jan. 9, 1948. Under section 2f of the act of 1946.

GLEEM

Applicant claims ownership of registrations Nos. 341,517 and 308,127.
FOR DENTIFRICE.
Claims use since Jan. 19, 1939.

Ser. No. 546,780. NEW JERSEY PHARMACAL COMPANY, Hillside, N. J. Filed Jan. 12, 1948.

Elixir Placatol

No claim is made to the word "Elixir" apart from the mark.
FOR SEDATIVE ELIXIR.
Claims use since July 24, 1947.

Ser. No. 546,829. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Jan. 13, 1948.

CEDAMBRETTE

FOR AROMATIC CHEMICAL USEFUL AS A PERFUME.
Claims use since Dec. 10, 1947.

Ser. No. 552,526. WHITEHALL PHARMACAL COMPANY, New York, N. Y. Filed Mar. 18, 1948. Under section 2f of the act of 1946.

TRUBLOND

FOR SHAMPOO.
Claims use since Mar. 9, 1934.

Ser. No. 553,128. PACIFIC GAS CORPORATION, New York, N. Y. Filed Mar. 26, 1948.

PACIFIC GAS

No claim is made to the word "Gas" apart from the mark as shown.
FOR BUTANE AND PROPANE GASES.
Claims use since Oct. 1, 1946.

Ser. No. 556,922. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa. Filed May 12, 1948.

ESKADIAMER

Applicant claims ownership of registrations Nos. 415,090 and 415,091.
FOR SULFONAMIDE PREPARATION.
Claims use since Apr. 12, 1948.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 532,560. CHAMPAGNE PAPER CORPORATION, Pisgah Forest, N. C., assignor to Ecusta Paper Corporation, Pisgah Forest, N. C., a corporation of Delaware. Filed Aug. 27, 1947.



The words "Fine Cigarette Paper Booklets" are disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 399,962, 399,987, 420,410, and 421,169.
FOR CIGARETTE PAPER BOOKLETS.
Claims use since June 18, 1947.

CLASS 10

FERTILIZERS

Ser. No. 530,628. THE DAVEY TREE EXPERT COMPANY, Kent, Ohio. Filed Aug. 6, 1947. Under section 2f of the act of 1946.

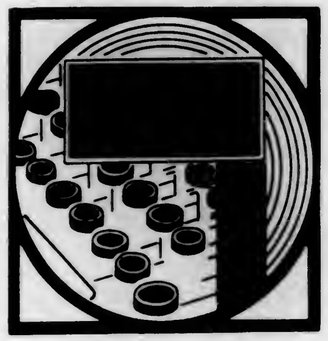
Davey TREE FOOD

No claim is made to the words "Tree Food" apart from the mark as shown. Applicant claims ownership of registration No. 162,428.
FOR FERTILIZERS.
Claims use since May 13, 1921.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 517,456. CODO MANUFACTURING CORP., Coraopolis, Pa., and Chicago, Ill. Filed Jan. 7, 1948.



FOR CARBON PAPER AND TYPEWRITER RIBBONS.
Claims use since Jan. 3, 1942.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 542,035. MEXICO REFRACTORIES COMPANY, Mexico, Mo. Filed Nov. 22, 1947.

MO-REX

FOR FIREBRICK.
Claims use since Sept. 4, 1930.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 497,905. HAROLD WARP, doing business as Warp Brothers, Chicago, Ill. Filed Sept. 9, 1947.

VENET-O-SCREEN

The word "Screen" is disclaimed apart from the mark.
FOR METAL AND PLASTIC PERFORATE SHEET MATERIAL EMPLOYABLE AS INSECT SCREENING AND AS SUN SCREENING.
Claims use since Feb. 4, 1946.

Ser. No. 526,573. THE E. W. CARPENTER MANUFACTURING COMPANY, Bridgeport, Conn. Filed July 5, 1947.

ROYSON

FOR VENETIAN BLIND HARDWARE—NAMELY, TILTERS, CORD LOCKS, HEAD BRACKETS, AND FITTINGS.
Claims use since May 23, 1947.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 528,253. THE BUNTING BRASS & BRONZE COMPANY, Toledo, Ohio. Filed July 10, 1947. Under section 2f of the act of 1946.

BUNTING

Applicant claims ownership of registration No. 125,194.
FOR BRONZE, CORED AND SOLID BARS.
Claims use since October 1907.

Ser. No. 529,320. TUNGSTEN ELECTRIC CORPORATION, Union City, N. J. Filed July 23, 1947.

TELCO

Applicant claims ownership of registration No. 304,795.
FOR REFRACTORY METALLIC COMPOSITIONS INCLUDING TUNGSTEN, MOLYBDENUM, URANIUM, THORIUM, CHROMIUM, HARDENED WITH CARBON, BORON, AND/OR SILICON.
Claims use since Dec. 29, 1932.

Ser. No. 534,154. LACLEDE STEEL COMPANY, St. Louis, Mo. Filed Sept. 11, 1947.

LACLEDE

Applicant claims ownership of registration No. 369,110.
FOR STEEL PRODUCTS, SPECIFICALLY WIRE, ROUND, OVAL, OR FLAT, SOLD IN COILS, HANKS, AND CUT LENGTHS (FOR USE IN THE MANUFACTURE OF OTHER ARTICLES SUCH AS STAPLES, BINDINGS, BOOK-BINDINGS, LOOPS, BAILS, COAT HANGERS, BROOMS AND BRUSHES, BOBBY PINS, HAIR PINS, MATTRESSES, FABRIC MESH AND NETTING, SPRINGS, MUSICAL INSTRUMENT STRINGS, WIRE ROPE, TIRE BEADS, TIRE CORDS, FLEXIBLE SHAFTS, LOCKWASHERS, FENCING, AND BALE TIES); SEMI-FINISHED STEEL (IN THE FORM OF INGOTS, SLABS, BLOOMS, BILLETS, RODS AND SKELP); BAR MILL PRODUCTS (IN THE FORM OF ROUNDS, SQUARES, FLATS, ANGLES, CHANNELS, OVALS, AND SPECIAL SHAPES AND SECTIONS); AND HOT ROLLED STRIP (IN COILS OR CUT LENGTHS).
Claims use since 1911.

CLASS 15

OILS AND GREASES

Ser. No. 534,803. THE OHIO OIL COMPANY, Findlay, Ohio. Filed Sept. 17, 1947.

MARATHON
Endurance
MOTOR OIL

No claim is made to the words "Best in the Long Run," "Products," and "Motor Oil" apart from the mark. Applicant claims ownership of registrations Nos. 97,301, 108,754, 118,702, 137,726, 306,851, 306,854, 327,310, 373,752, 379,986, 433,682 and 433,683.
FOR LUBRICATING MOTOR OILS.
Claims use since May 3, 1931.

Ser. No. 534,804. THE OHIO OIL COMPANY, Findlay, Ohio. Filed Sept. 17, 1947.



No claim is made to the words "Best in the Long Run" apart from the mark as shown. Applicant claims ownership of registrations Nos. 97,301, 108,754, 118,702, 137,726, 306,851, 306,854, 327,310, 373,752, 379,986, 433,682 and 433,683.
FOR MOTOR FUEL OIL, FUEL OIL FOR HEATING AND ILLUMINATING PURPOSES, LUBRICATING OILS, AND GREASES.
Claims use since July 19, 1939.

Ser. No. 535,873. QUAKER CHEMICAL PRODUCTS CORPORATION, Conshohocken, Pa. Filed Sept. 26, 1947.



FOR LUBRICATING OILS AND GREASES; CUTTING OILS FOR COOLING AND LUBRICATING CUTTING TOOLS ON METAL MACHINERY OPERATIONS; OILS FOR LUBRICATING NEEDLES AND SINKERS ON KNITTING MACHINES; RUST PREVENTATIVE CONTAINING OIL AND GREASE, VARNISH-LIKE AND WAXY IN CHARACTER, FOR COATING METALS.
Claims use since May 1, 1928.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 529,774. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947. Under section 2f of the act of 1946.

LAWRENCE
BARRETT



The name and portrait are those of a deceased person.
Applicant claims ownership of registration No. 115,698.
FOR CIGARS.
Claims use since 1884.

Ser. No. 529,780. D. EMIL KLEIN CO., INC., New York, N. Y. Filed July 28, 1947. Under section 2f of the act of 1946.

ABBOTT

FOR CIGARS.
Claims use since Feb. 15, 1932.

Ser. No. 531,927. METROPOLITAN CIGAR CORPORATION, Chicago, Ill. Filed Aug. 20, 1947. Under section 2f of the act of 1946.

ANDREW JACKSON

The trade-mark consists of the name of the seventh President of the United States of America, now deceased.
FOR CIGARS.
Claims use since Nov. 26, 1918.

CLASS 19

VEHICLES

Ser. No. 517,651. CORRECT CRAFT, INC., assignee of W. C. Meloon, doing business as Pinecastle Boat and Construction Company, Pinecastle and Titusville, Fla. Filed Feb. 16, 1948. Under section 2f of the act of 1946.

Correct Craft

The word "Craft" is disclaimed apart from the mark.
FOR MARINE RUNABOUTS AND CRUISERS.
Claims use since Nov. 15, 1936.

Ser. No. 519,878. MAGOR CAR CORPORATION, New York, N. Y. Filed Nov. 19, 1947. Under section 2f of the act of 1946.

MAGOR

FOR ALL TYPES OF RAILROAD CARS INCLUDING FREIGHT, PASSENGER, REFRIGERATOR, DUMP, CANE, FRUIT, CORDWOOD, AND COAL.
Claims use since Jan. 1, 1920.

Ser. No. 520,667. AMERICAN BRAKE SHOE COMPANY, New York, N. Y. Filed Feb. 3, 1948.



Applicant is the owner of registration Nos. 404,752, 404,753, 404,754, 404,755, 409,919, 410,556, and 434,630.
FOR CAR WHEELS; BRAKE SHOES, BRAKE SHOE KEYS; AND REINFORCING BACKS FOR BRAKE SHOES.
Claims use since Feb. 18, 1947.

Ser. No. 521,175. THE BROQUINDA CORPORATION, St. Petersburg, Fla. Filed Nov. 19, 1947.

Polarmobile

FOR REFRIGERATED TRUCKS, REFRIGERATED SEMI-TRAILER TRUCKS, REFRIGERATED TRAILER TRUCKS, REFRIGERATED AIRPLANES, REFRIGERATED RAILROAD CARS AND TRUCKS, AIRPLANES AND RAILROAD CARS CONTAINING REFRIGERATED CABINETS.
Claims use since Jan. 1, 1947.

Ser. No. 525,363. MEAD CYCLE COMPANY, Chicago, Ill. Filed Sept. 19, 1947.

Crusader

FOR BICYCLES.
Claims use since 1920.

Ser. No. 525,364. MEAD CYCLE COMPANY, Chicago, Ill. Filed Sept. 19, 1947.

Premier

FOR BICYCLES.
Claims use since 1910.

Ser. No. 542,165. PLAYBOY MOTOR CAR CORPORATION, Buffalo, N. Y. Filed Nov 24, 1947.



FOR MOTOR CARS.
Claims use since Feb. 18, 1947.

Ser. No. 552,632. BLAKE MANUFACTURING CO., Pawhuska, Okla. Filed Mar. 22, 1948.

Koolbreez

FOR AIR DEFLECTOR FOR THE DOORS OR WINDOWS OF AUTOMOTIVE VEHICLES.
Claims use since Feb. 15, 1947.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 505,611. THE NATIONAL TELEPHONE SUPPLY COMPANY, Cleveland, Ohio. Filed Nov. 6, 1947.

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FOR CONNECTING AND TERMINATING DEVICES OR SLEEVES FOR WIRES AND CABLES USED IN COMMUNICATION, LIGHT AND POWER FIELDS.
Claims use since June 10, 1939.

Ser. No. 507,263. LAHER SPRING AND TIRE CORPORATION, Oakland, Calif. Filed Nov. 4, 1947. Under section 2f of the act of 1946.

Laher

FOR AUTOMOTIVE EQUIPMENT AND ACCESSORIES—NAMELY, BATTERIES.
Claims use since June 1, 1923.

Ser. No. 512,861. REMLER COMPANY, LTD., San Francisco, Calif. Filed Jan. 30, 1948.



FOR RADIO RECEIVING SETS.
Claims use since Apr. 1, 1933.

Ser. No. 516,458. JAMES H. CANNON, doing business as Cannon Electric Development Company, Los Angeles, Calif. Filed Sept. 27, 1947.



The word "Electric" is disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 425,506, 425,507, 425,508, and 418,856.
FOR ELECTRIC EQUIPMENT AND PARTS THEREFOR—NAMELY, ELECTRICAL CABLE CONNECTORS; WALL AND BOX MOUNTING RECEPTACLES AND ACCESSORY EQUIPMENT FOR THIS TYPE OF PRODUCTION—NAMELY, DUST-CAPS, JUNCTION BOXES, PLUGS AND SPECIAL FLANGES; SPECIAL FUNCTION SOLENOIDS; ELECTRICAL RELAYS; ELECTRICAL SWITCHES AND PUSH-BUTTONS; AND INSTITUTIONAL SIGNAL EQUIPMENT—NAMELY, CALL STATIONS, ANNUNCIATORS, CORRIDOR PILOT LIGHTS, PAGING SYSTEMS, AND EXPLOSION AND VAPOR-PROOF SWITCHES.
Claims use since 1920.

Ser. No. 516,459. JAMES H. CANNON, doing business as Cannon Electric Development Company, Los Angeles, Calif. Filed Sept. 27, 1947. Applicant claims ownership of registrations Nos. 425,506, 425,507, 425,508, and 418,856.



FOR ELECTRIC EQUIPMENT AND PARTS THEREFOR—NAMELY, ELECTRICAL CABLE CONNECTORS; WALL AND BOX MOUNTING RECEPTACLES AND ACCESSORY EQUIPMENT FOR THIS TYPE OF PRODUCTION—NAMELY, DUST-CAPS, JUNCTION BOXES, PLUGS AND SPECIAL FLANGES; SPECIAL FUNCTION SOLENOIDS; ELECTRICAL RELAYS; ELECTRICAL SWITCHES AND PUSH-BUTTONS; AND INSTITUTIONAL SIGNAL EQUIPMENT—NAMELY, CALL STATIONS, ANNUNCIATORS, CORRIDOR PILOT LIGHTS, PAGING SYSTEMS, AND EXPLOSION AND VAPOR-PROOF SWITCHES.
Claims use since 1917.

Ser. No. 519,225. SEIBERLING RUBBER COMPANY, Barberton, Ohio. Filed Oct. 8, 1947.

FREEDOM

FOR RADIO RECEIVING SETS AND ELECTRIC TOASTERS.
Claims use since Oct. 19, 1945.

Ser. No. 519,721. BERSTED MANUFACTURING COMPANY, Fostoria, Ohio. Filed Nov. 1, 1947.

Lightning

Applicant claims ownership of registration No. 212,907.
FOR ELECTRICAL APPLIANCES—NAMELY, STOVES, PERCOLATERS, TOASTERS, WAFFLE IRONS, SANDWICH TOASTERS, IRONS, SPACE HEATERS, HAIR DRYERS FOR HOME USE, BROILERS, AND HEATING PADS FOR GENERAL USE.
Claims use since Mar. 19, 1947.

Ser. No. 520,598. ALTEC LANSING CORPORATION, Los Angeles and Hollywood, Calif. Filed Oct. 20, 1947.

Iconic

FOR SPEAKER SYSTEMS—NAMELY, UNITARY ASSEMBLIES EMBODYING A PLURALITY OF SPEAKER UNITS OF DIFFERENT FREQUENCY RANGES, WITH OR WITHOUT A DIVIDING NETWORK.
Claims use since July 1, 1937.

Ser. No. 522,787. DRY CLEANING MACHINERY CORPORATION, Syracuse, N. Y. Filed Oct. 25, 1947.

DRYCO

FOR STEAM ELECTRIC IRONS FOR TEXTILE AND FABRIC FINISHING.
Claims use since 1935.

Ser. No. 527,709. EDWIN L. WIEGAND COMPANY, Pittsburgh, Pa. Filed July 5, 1947.

CHROMALOX
ELECTRIC HEATING

Applicant does not claim the exclusive right to the words "Electric Heating" or the representation of any goods, apart from the mark.
FOR ELECTRIC HEATING UNITS AND ELECTRIC HEATERS—NAMELY, STRIP HEATERS, SEGMENT HEATERS, RING HEATERS, DISC HEATERS, HALF-SHEATHED HEATERS, CARTRIDGE HEATERS, CYLINDER HEATERS, SCREW-BASE HEATERS, ROD HEATERS, TUBULAR HEATERS, RADIANT HEATERS, OVEN HEATERS, BROILER HEATERS, FOOD TABLE HEATERS, AIR BLAST HEATERS, AIR DUCT HEATERS, UNIT HEATERS FOR SPACE HEATING, STEAM GENERATORS, CIRCULATION HEATERS, FLAT IRON HEATERS, PERCOLATOR HEATERS, CONVECTION HEATERS, HOT PLATES, RANGE PLATES, RANGE UNITS, STOVES, COOKING PLATES, HEATING PLATES, URN HEATERS, MELTING POTS, SOLDERING IRONS, FLUID SUPERHEATERS PRINCIPALLY FOR INDUSTRIAL PURPOSES, FLUID PRE-HEATERS PRINCIPALLY FOR INDUSTRIAL PURPOSES, RADIATORS, AIR HEATERS, BLOWER HEATERS, SPACE HEATERS, LIQUID HEATERS, IMMERSION HEATERS, INFRA-RED-RAY GENERATORS, FLATIRON BASES, AND BRANDING APPARATUS, AND PARTS THEREOF, AND ELECTRIC HEATING ELEMENTS, ELECTRIC RESISTANCE ELEMENTS, ELECTRIC RESISTANCE UNITS, ELECTRIC RESISTORS, ELECTRIC RHEOSTATS, ELECTRIC TRANSFORMERS, ELECTRO-MAGNETIC CONTACTORS, ELECTRIC SWITCHES, ELECTRIC THERMAL CUTOUTS, ELECTRIC CIRCUIT BREAKERS, ELECTRIC RESISTOR WIRE, ELECTRIC RESISTOR RIBBON, AND ELECTRICAL INSULATING TUBING, BEADS, BLOCKS, BUSHINGS, AND BODIES, AND PARTS THEREOF.
Claims use since 1927.

Ser. No. 529,414. SOLAR CORPORATION, Milwaukee, Wis. Filed July 24, 1947.

SOLAR

FOR STORAGE BATTERIES.
Claims use since 1925.

Ser. No. 535,097. TAYLOR, TAYLOR & HOBSON, LIMITED, Leicester, England. Filed Sept. 19, 1947. Under section 2f of the act of 1946.

TAYLOR-HOBSON

FOR ELECTRIC ARC ETCHING MACHINES FOR MARKING METALS.
Claims use since 1909.

Ser. No. 535,592. THE OKONITE COMPANY, Passaic, N. J. Filed Sept. 24, 1947.

PERMEX

FOR ELECTRIC CABLE.
Claims use since 1933.

Ser. No. 537,909. LORAIN PRODUCTS CORPORATION, Lorain, Ohio. Filed Oct. 15, 1947. Under section 2f of the act of 1946.

SUB-CYCLE

Applicant claims ownership of registration No. 358,697.
FOR ELECTRICAL STATIC FREQUENCY CONVERTERS.
Claims use since Jan. 8, 1936.

Ser. No. 539,832. MONARK BATTERY COMPANY, INC., Chicago, Ill. Filed July 17, 1947.

Monark

Applicant claims ownership of registration No. 295,332.
FOR STORAGE BATTERIES.
Claims use since Apr. 29, 1924.

Ser. No. 542,474. LODGE PLUGS LIMITED, Rugby, England. Filed Nov. 26, 1947. Under section 2f of the act of 1946.

LODGE

FOR SPARK PLUGS.
Claims use since November 1907.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 491,130. THE TRIGON CORPORATION, assignee of Serene & Reeves, Santa Monica, Calif. Filed Nov. 5, 1945.

TRIGON

FOR COMBINATION TOYS CAPABLE OF BEING CONVERTED INTO A TOY WAGON, A TOY TRICYCLE, A TOY SCOOTER, AND A TOY WHEELBARROW.
Claims use since Oct. 11, 1945.

Ser. No. 520,701. G. A. HENRY, doing business as Henry Engineering Company, Burbank, Calif. Filed Oct. 27, 1947.

Veco

The trade-mark of the applicant consists of the word "Veco" enclosed in an oval design.
FOR ACCESSORIES FOR MINIATURE TOY MODEL AIRPLANES—NAMELY, AIRWHEELS, SEMI-PNEUMATIC WHEELS, SPONGE WHEELS, BELL-CRANK LANDING GEAR CLIPS, CABLE BUSHINGS, WHEEL RETAINERS; MINIATURE TOY RACING CAR ACCESSORIES—NAMELY, RACING CAR WHEELS AND TOY MODEL KITS CONTAINING PARTS FOR MINIATURE RACING CARS.
Claims use since Feb. 20, 1947.

Ser. No. 523,042. LEVITT LUZERN CUSTER, doing business as The Custer Specialty Company, Dayton, Ohio. Filed Sept. 18, 1947.

BUBBLE BOUNCE

FOR AMUSEMENT RIDING DEVICES SIMULATING A MERRY-GO-ROUND, FOR USE IN PARKS, CARNIVALS, FAIRS, ET CETERA.
Claims use since Feb. 1, 1938.

Ser. No. 527,062. B. F. GLADDING & CO. INC., South Otselic, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

OTSELIC

FOR FISHING LINES.
Claims use since 1897.

Ser. No. 528,123. JACK KENNETH SMITHWICK, Shreveport, La. Filed July 8, 1947.

TOP-N-BOTTOM

FOR ARTIFICIAL FISH BAIT.
Claims use since May 7, 1947.

Ser. No. 528,289. KNOX-REESE MANUFACTURERS, Philadelphia, Pa. Filed July 10, 1947.

DUAL-SKIPLET

FOR CHILDREN'S SKIPPING AND JUMPING ROPES.
Claims use since Mar. 5, 1947.

Ser. No. 530,045. ABERCROMBIE & FITCH COMPANY, New York, N. Y. Filed July 31, 1947.

AF

FOR DART BOARDS, BEACH EQUIPMENT—NAMELY, BEACH MATS, ROLLS, AND BACK RESTS.
Claims use since 1935.

Ser. No. 530,974. SPORT PRODUCTS, INC., Cincinnati, Ohio. Filed Aug. 9, 1947. Under section 2f of the act of 1946.

X10L

FOR BASKETBALLS.
Claims use since June 1, 1939.

Ser. No. 530,977. SPORT PRODUCTS, INC., Cincinnati, Ohio. Filed Aug. 9, 1947. Under section 2f of the act of 1946.

PAR-WIN

Applicant claims ownership of registration No. 210,114.
FOR GOLF CLUBS.
Claims use since Feb. 1, 1939.

Ser. No. 535,530. IDEAL NOVELTY & TOY CO., Hollis, N. Y. Filed Sept. 24, 1947.

BABY
Sparkle Plenty

The word "Baby" is disclaimed apart from the mark shown.
FOR DOLLS.
Claims use since June 7, 1947.

Ser. No. 538,877. BRONSON REEL COMPANY, Bronson, Mich., now by change of name, B. R. Company, assignor to McAleer Manufacturing Company, Rochester, Mich., a corporation of Michigan. Filed Oct. 24, 1947.

MERCURY

FOR FISHING REELS.
Claims use since July 1936.

Ser. No. 540,235. ALBANY BILLIARD BALL COMPANY, Albany, N. Y. Filed Nov. 6, 1947.

VITALITE

Applicant claims ownership of registration No. 278,289.
FOR BILLIARD BALLS.
Claims use since July 30, 1930.

Ser. No. 541,034. A. G. SPALDING & BROS. INC., Chicopee, Mass. Filed Nov. 13, 1947.

DL

FOR BASKETBALLS.
Claims use since 1939.

Ser. No. 541,041. A. G. SPALDING & BROS. INC., Chicopee, Mass. Filed Nov. 13, 1947.

YOUNGSTAR

FOR TENNIS RACKETS, BASEBALLS, FOOTBALLS, BASKETBALLS, SOCCER BALLS, VOLLEY BALLS, BASEBALL MITTS, BASEBALL GLOVES, AND FOOTBALL HELMETS.
Claims use since 1937.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 541,783. HYDE MANUFACTURING COMPANY, Southbridge, Mass. Filed July 31, 1947. Under section 2f of the act of 1946.

THEODORE HARRINGTON CO.

Applicant hereby disclaims the notation "Co." Applicant claims ownership of registration No. 220,035.
FOR SHOE KNIVES HAVING SQUARE, SHARP, ROUND, OR BEVELED POINTS; LIP KNIVES, SKIVING KNIVES, EXTENSION BLADES FOR KNIVES, EXTENSION BLADE HANDLES, RUBBER CUTTING KNIVES, CIRCULAR KNIVES AND VERTICALLY MOVING KNIVES FOR ELECTRICAL CLOTH CUTTING MACHINES, BUTCHER KNIVES, BONING KNIVES, SKINNING KNIVES, STICKING KNIVES, MEAT CUTTING KNIVES, CARVERS, SLICERS, SPATULAS, TURNOVERS, BREAD KNIVES, MEAT KNIVES, PARING KNIVES, FRUIT KNIVES, TABLE KNIVES OF BASE METAL, STEAK KNIVES; KNIVES FOR CUTTING CORSETS, COLLARS, CLOTHING, CUFFS AND SHIRTS; PAPER HANGERS' KNIVES, BOOK BINDERS' KNIVES, KNIVES AND CUTTERS FOR LINOLEUM AND OIL CLOTH, GARMENT KNIVES, KNIVES FOR BROOM MAKERS AND GLASS WORKERS, OYSTER KNIVES, CLAM KNIVES, BANANA KNIVES, BAKERS' KNIVES, FURRIERS' KNIVES, AND FEATHER CUTTING KNIVES.
Claims use since 1912.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 535,123. BERNDT-BACH, INCORPORATED, Los Angeles, Calif. Filed Sept. 20, 1947.

MODULITE

FOR SOUND PICTURE FILM RECORDING GALVANOMETERS, AMPLIFIERS, CAMERAS, AND RECORDING MACHINES.
Claims use since May 31, 1944.

Ser. No. 542,593. THE KONO MANUFACTURING COMPANY, Woodside, N. Y. Filed Nov. 28, 1947.

LILYBET

FOR EYEGLASS AND SPECTACLE FRAMES.
Claims use since Nov. 19, 1947.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 530,246. OWENS BRUSH COMPANY, Toledo, Ohio. Filed Aug. 1, 1947. Under section 2f of the act of 1946 as to "Owens."

Owens HIS

Applicant claims ownership of registrations Nos. 184,043, 405,743, and 435,377.
FOR TOOTHBRUSHES.
Claims use since Apr. 3, 1947.

Ser. No. 530,247. OWENS BRUSH COMPANY, Toledo, Ohio. Filed Aug. 1, 1947. Under section 2f of the act of 1946 as to "Owens."

Owens HERS

Applicant claims ownership of registrations Nos. 184,043, Owens Bottle Company, dated May 13, 1924; 405,743, Owens Staple-Tied Brush Company, Feb. 15, 1944; and 435,377, Owens Brush Company, dated Dec. 16, 1947.
FOR TOOTHBRUSHES.
Claims use since Apr. 3, 1947.

Ser. No. 535,471. E. L. BRUCE CO., Memphis, Tenn. Filed Sept. 24, 1947.

BRUCE
Doozit

Applicant claims ownership of registrations including the word "Bruce," Nos. 377,520, 378,111, and 266,804.
FOR COMBINATION HAND TOOL INCLUDING A STEEL WOOL PAD FOR USE IN CLEANING AND POLISHING FLOORS.
Claims use since May 31, 1946, not including the name "Bruce"; and since Sept. 22, 1947, as shown.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 538,572. "TAKE-ALONG" TRAVEL CHAIR COMPANY, Thomasville, Ga. Filed Oct. 21, 1947.

"Take-Along"
TRAVEL CHAIR COMPANY

Applicant disclaims any exclusive use of the words "Chair Company" except in the association shown.
FOR CHAIRS AND FOLDING CHAIRS, COTS, STOOLS, SAND CHAIRS, BEACH PADS, STADIUM SLATS OR BACK RESTS, AND BOAT SEATS OR BACK RESTS.
Claims use since January 1937.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 528,217. MECHANICAL HOME SYSTEMS, INCORPORATED, Chicago, Ill. Filed July 9, 1947.

mechani•core

FOR GAS FIRED UNITS FOR CENTRAL HEATING OF RESIDENTIAL STRUCTURES.
Claims use since Nov. 13, 1946.

Ser. No. 544,220. TEMP-RITE CORPORATION, Baltimore, Md. Filed Dec. 12, 1947.

Temp-Rite

FOR OIL BURNERS, OIL BOILERS, AND AIR REGULATORS, FRAMES, HOSE PIECES, MOUNTINGS, MOTORS, PUMPS, CONTROLS, TRANSFORMERS AND NOZZLES, AND FANS, FOR USE WITH OIL BURNERS AND/OR OIL BOILERS.
Claims use since March 1947.

Ser. No. 545,234. CENTRAL STATES MFG. CO., INC., Arkansas City, Kans. Filed Dec. 23, 1947.

DESERT AIR

FOR GAS FIRED FLOOR FURNACES, GAS FIRED SUSPENDED UNIT HEATERS, EVAPORATIVE AIR CONDITIONERS AND VENTILATING WINDOW FANS.
Claims use since Oct. 1, 1947.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 531,175. AFFILIATED RETAILERS, INC., New York, N. Y. Filed Aug. 13, 1947.

OLYMPIC

FOR AUTOMOBILE AND BICYCLE TIRES AND TUBES, AND FAN BELTS.
Claims use since Mar. 15, 1947.

Ser. No. 531,598. INLAND RUBBER CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

INLAND

FOR TUBES AND TIRES COMPOSED OF RUBBER AND RUBBER AND FABRIC; V-BELTS; PATCHES FOR TIRES AND TUBES; RUBBER AND FABRIC PACKING FOR TIRES AND TUBES; TIRE SECTIONS; CAMEL BACK TREAD SHEETS; TIRE BOOTS, RUBBER HOSE; TIRE AND TUBE REPAIR KITS CONTAINING PATCHING MATERIALS, TUBE CEMENTS AND BUFFERS; AND SHEET PATCHING MATERIAL FOR USE IN REPAIRING TIRES AND TUBES.
Claims use since October 1918.

Ser. No. 531,601. INLAND RUBBER CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

INLAND

FOR TUBES AND TIRES COMPOSED OF RUBBER AND RUBBER AND FABRIC; V-BELTS; PATCHES FOR TIRES AND TUBES; RUBBER AND FABRIC PACKING FOR TIRES AND TUBES; TIRE SECTIONS; CAMEL BACK TREAD SHEETS; TIRE BOOTS, RUBBER HOSE; TIRE AND TUBE REPAIR KITS CONTAINING PATCHING MATERIALS, TUBE CEMENTS AND BUFFERS; AND SHEET PATCHING MATERIAL FOR USE IN REPAIRING TIRES AND TUBES.
Claims use since October 1918.

Ser. No. 531,606. INLAND RUBBER CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

Cool Twist

FOR VEHICLE TIRES COMPOSED OF RUBBER AND FABRIC.
Claims use since Nov. 22, 1939.

Ser. No. 546,438. THERMOID COMPANY, Trenton, N. J. Filed Jan. 7, 1948.

CBB

FOR BRAKE LINING SETS.
Claims use since 1941.

Ser. No. 546,823. A. W. CHESTERTON COMPANY, Everett, Mass. Filed Jan. 13, 1948.

"64"

FOR MECHANICAL PACKINGS AND ROD PACKINGS MADE OF ASBESTOS, FIBRE, RUBBER, SYNTHETIC PLASTIC, TEXTILE MATERIAL AND/OR COMBINATIONS THEREOF.
Claims use since Jan. 1, 1927.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 534,872. CATECHETICAL GUILD, St. Paul, Minn. Filed Sept. 18, 1947.

GUARDIAN

FOR GROOVED PHONOGRAPH RECORDS.
Claims use since July 21, 1947.

CLASS 37

PAPER AND STATIONERY

Ser. No. 532,082. ZEPHYR AMERICAN CORPORATION, New York, N. Y. Filed Aug. 21, 1947.

ZEPHYR
STENODEX

FOR NOTEBOOK HOLDERS FOR STENOGRAPHERS.
Claims use since Aug. 11, 1947.

Ser. No. 532,230. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 23, 1947. Under section 2f of the act of 1946.

MARY MARLIN

The name "Mary Marlin" is purely fanciful. Applicant claims ownership of registration No. 342,391.
FOR ALL PURPOSE ABSORBENT PAPER TISSUES.
Claims use since Aug. 5, 1935.

Ser. No. 532,953. THE MUNISING PAPER COMPANY, Chicago, Ill. Filed Aug. 30, 1947. Under section 2f of the act of 1946.

CASLON

Applicant claims ownership of registrations Nos. 256,819 and 278,905.
FOR BOND, MIMEOGRAPH, AND LEDGER PAPERS.
Claims use since Feb. 20, 1928, on Bond paper and since October 26, 1929, on Mimeograph and Ledger papers.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 502,530. DAVID S. PATTERSON, New Brighton, Pa. Filed Aug. 12, 1947.

The Park Bench Philosopher

FOR PRINTED WINDOW AND BULLETIN BOARD CARDS AND PRINTED MOTTO CARDS AND LEAFLETS.
Claims use since 1927.

Ser. No. 503,675. JOHN A. RONAN, doing business as Photoglo Co. of America, New York, N. Y. Filed Dec. 17, 1940.

PHOTOGLO

FOR PHOTOGRAPHIC PRINTS.
Claims use since November 1945.

Ser. No. 520,339. KATZ DRUG COMPANY, Kansas City, Mo. Filed Feb. 21, 1948.

MIRACLE

FOR PHOTOGRAPHIC PRINTS.
Claims use since Jan. 20, 1947.

Ser. No. 526,568. MUNN & CO. INC., New York, N. Y., now by change of name Scientific American, Inc., a corporation of Delaware. Filed July 5, 1947. Under section 2f of the act of 1946.

Scientific American

Applicant claims ownership of registration No. 84,333.
FOR MONTHLY PUBLICATION.
Claims use since Aug. 28, 1845.

Ser. No. 528,827. TRIANGLE PUBLICATIONS, INC., Philadelphia, Pa. Filed July 17, 1947.

FUNNY ANGLES

FOR CARTOONS.
Claims use since July 27, 1944.

Ser. No. 531,447. DELL PUBLISHING COMPANY, INC., New York, N. Y. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

1000 JOKES

No claim is made to "Magazine" except as shown.
FOR PUBLICATION PUBLISHED PERIODICALLY.
Claims use since Feb. 1, 1934.

Ser. No. 531,667. HAIRE PUBLISHING COMPANY, New York, N. Y. Filed Aug. 18, 1947. Under section 2f of the act of 1946.

NOTION & NOVELTY Review

Applicant claims ownership of registration No. 228,708.
FOR MAGAZINE FOR THE TRADE IN NOTIONS AND NOVELTIES.
Claims use since September 1915.

Ser. No. 531,897. FAN MALE, INC., New York, N. Y., assignor to Magazine Enterprises, Inc., New York, N. Y., a corporation of New York. Filed Aug. 20, 1947.

FUNNYMAN

The portrait shown on the mark in the drawing is fanciful.
FOR COMIC MAGAZINE PUBLISHED MONTHLY.
Claims use since June 16, 1947.

Ser. No. 532,060. RURAL GRAVURE SERVICE, INC., Madison, Wis. Filed Aug. 21, 1947. Under section 2f of the act of 1946.

Rural Gravure

FOR MAGAZINE SECTIONS PUBLISHED MONTHLY AND USED BY NEWSPAPERS IN THE MIDDLE WEST.
Claims use since June 1, 1936.

Ser. No. 533,544. CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Sept. 5, 1947.

Yours Truly

FOR MONTHLY PUBLICATION.
Claims use since Apr. 25, 1947.

Ser. No. 534,094. CURRENT BOOKS, INC., New York, N. Y. Filed Sept. 11, 1947.

SCREAM COMICS

No claim is made to the word "Comics" apart from the mark as shown.
FOR PERIODICAL PUBLISHED BI-MONTHLY OR AT OTHER REGULAR INTERVALS.
Claims use since July 17, 1944.

Ser. No. 534,221. ACE PERIODICALS INC., New York, N. Y. Filed Sept. 12, 1947.

MONKEYSHINES COMICS

No claim is made to the word "Comics" apart from the mark as shown.
FOR PERIODICAL PUBLISHED BI-MONTHLY OR AT OTHER REGULAR INTERVALS.
Claims use since June 22, 1944.

Ser. No. 534,363. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 11, 1947.

Applicant claims ownership of registrations Nos. 428,478, 428,477, and 428,699.
FOR PERIODICAL PUBLICATIONS, PRINTS, AND PLANS WITH INFORMATION FOR CONSTRUCTION OF VARIOUS ARTICLES OF WOOD, METAL OR BOTH.
Claims use since Dec. 13, 1945.

Ser. No. 535,584. THE MEYERCORD COMPANY, Chicago, Ill. Filed Sept. 24, 1947.

PLASTICAL

Applicant claims ownership of registration No. 288,931.
FOR DECALCOMANIAS.
Claims use since June 6, 1944.

Ser. No. 539,434. PORTE PUBLISHING COMPANY, Salt Lake City, Utah. Filed Oct. 29, 1947. Under section 2f of the act of 1946.

The BUSINESS PRINTER

FOR MAGAZINE PUBLISHED AT IRREGULAR INTERVALS.
Claims use since Jan. 7, 1918.

Ser. No. 539,565. REGISTRAR AND TRANSFER COMPANY, New York, N. Y. Filed Oct. 30, 1947. Under section 2f of the act of 1946.

CORPORATION TOPICS

Applicant claims ownership of registration No. 250,748.
FOR CALENDAR OF CORPORATION EVENTS ISSUED AT IRREGULAR INTERVALS.
Claims use since 1913.

Ser. No. 542,658. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Nov. 28, 1947.

DELTACRAFT

Applicant claims ownership of registrations Nos. 245,603, 275,269, 324,722, 332,179, and 335,156.
FOR PERIODICAL PUBLICATIONS, AND PRINTS, AND PLANS WITH INSTRUCTIONS FOR MAKING VARIOUS ARTICLES OF WOOD, METAL OR BOTH.
Claims use since Sept. 30, 1935.

Ser. No. 544,089. JENKINS PUBLICATIONS, INC., Los Angeles, Calif. Filed Dec. 11, 1947. Under section 2f of the act of 1946.

BUTANE-PROPANE News

Applicant claims ownership of registration No. 382,093.
FOR PERIODICAL.
Claims use since May 27, 1939.

Ser. No. 544,090. JENKINS PUBLICATIONS, INC., Los Angeles, Calif. Filed Dec. 11, 1947. Under section 2f of the act of 1946.

GAS

Applicant claims ownership of registrations Nos. 349,687, 243,760, and 350,121.
FOR PERIODICAL.
Claims use since March 1936.

Ser. No. 544,443. GOLD BOND STAMP COMPANY, Minneapolis, Minn. Filed Dec. 16, 1947.

GOLD BOND

FOR TRADING STAMPS.
Claims use since 1939.

Ser. No. 544,849. CAPITAL CLASSIC ASSOCIATION, Washington, D. C. Filed Dec. 19, 1947.

Capital Classic

No claim is made to the word "Classic" apart from the mark as shown on the drawing.
FOR PERIODIC PUBLICATION.
Claims use since Oct. 27, 1945.

Ser. No. 545,181. THE TOBACCO WORLD CORPORATION, Philadelphia, Pa. Filed Dec. 22, 1947. Under section 2f of the act of 1946.

THE TOBACCO WORLD

FOR MONTHLY PERIODICALS.
Claims use since Dec. 1, 1881.

Ser. No. 546,186. BUFFALO COURIER EXPRESS, INC., Buffalo, N. Y. Filed Jan. 5, 1948.

Courier BUFFALO EXPRESS

Applicant claims ownership of registration Nos. 258,959 and 241,465.
FOR NEWSPAPER.
Claims use since June 14, 1926.

Ser. No. 546,316. THE NATIONAL PROVISIONER, INC., Chicago, Ill. Filed Jan. 6, 1948. Under section 2f of the act of 1946.

ANNUAL MEAT PACKERS Guide

FOR PUBLICATION ISSUED ANNUALLY.
Claims use since May 1939.

Ser. No. 546,802. STOEGER ARMS CORPORATION, New York, N. Y. Filed Jan. 12, 1948.

"The Shooter's Bible"

The word "Bible" is disclaimed. Applicant claims ownership of registration No. 394,657.
FOR A PUBLICATION EMBRACING MATTERS PRINCIPALLY DESCRIPTIVE OF SMALL ARMS, AMMUNITION, COMPONENTS THEREOF, AND SHOOTERS' ACCESSORIES, PUBLISHED FROM TIME TO TIME.
Claims use since Sept. 10, 1938.

Ser. No. 546,987. EXECUTIVES' RADIO SERVICE, Larchmont, N. Y. Filed Jan. 14, 1948.

EXECUTIVES RADIO SERVICE FACT VARY

The words "Executives' Radio Service" are disclaimed apart from the mark.
FOR PERIODIC PUBLICATION.
Claims use since Nov. 6, 1947.

Ser. No. 547,107. THE FLEMING CO., INCORPORATED, Topeka, Kans. Filed Jan. 15, 1948.

The FOOD CIRCLE

The word "Food" is disclaimed apart from the mark.
FOR A PERIODICAL PUBLICATION, OF INTEREST TO RETAIL GROCERS.
Claims use since Dec. 26, 1947.

Ser. No. 547,488. H. & A. SELMER, INC., Elkhart, Ind. Filed Jan. 19, 1948. Under section 2f of the act of 1946.

Selmer

FOR MUSICAL PUBLICATIONS AND COMPOSITIONS.
Claims use since 1931.

Ser. No. 549,348. MCLOUGHLIN BROS., INC., Springfield, Mass. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

LITTLE BIG CLASSICS

Applicant claims ownership of registration No. 399,054.
FOR SERIES OF BOOKS PUBLISHED FROM TIME TO TIME.
Claims use since Feb. 1, 1926.

Ser. No. 549,350. MCLOUGHLIN BROS., INC., Springfield, Mass. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

Westfield Classics

Applicant claims ownership of registration No. 404,321.
FOR SERIES OF BOOKS PUBLISHED FROM TIME TO TIME.
Claims use since May 4, 1942.

Ser. No. 549,663. PRINTERS' INK PUBLISHING CO. INC., New York, N. Y. Filed Feb. 13, 1948.

pi

FOR A PERIODICAL PUBLICATION PUBLISHED WEEKLY.
Claims use since Jan. 2, 1942.

Ser. No. 549,703. JOHN H. BRECK, INC., Springfield, Mass. Filed Feb. 14, 1948.

BRECK GOLD BOX

The word "Breck" is disclaimed apart from the mark.
FOR A PERIODICAL PUBLISHED FROM TIME TO TIME.
Claims use since Nov. 1, 1946.

Ser. No. 550,179. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Feb. 19, 1948.

Mlle's own stork club

FOR A SECTION OR COLUMN IN A PERIODICAL PUBLICATION.
Claims use since Jan. 15, 1943.

Ser. No. 552,996. MCGRAW-HILL PUBLISHING COMPANY, INC., New York, N. Y. Filed Mar. 25, 1948.

THE Chementator

FOR A HOUSE ORGAN AND SECTION OF A MAGAZINE PUBLISHED MONTHLY.
Claims use since February 1939.

CLASS 39
CLOTHING

Ser. No. 495,562. YOUTHCRAFT MANUFACTURING CO., Kansas City, Mo. Filed Dec. 5, 1947.

Youthcraft

The picture of the girl's head is fanciful.
FOR WOMEN'S, MISSES', AND CHILDREN'S COATS AND SUITS.
Claims use since Jan. 4, 1946.

Ser. No. 511,041. STORYK BLOUSES, INC., New York, N. Y. Filed Jan. 5, 1948.

Everglade

Applicant claims ownership of registrations Nos. 267,121 and 382,304.
FOR WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' WEARING APPAREL—NAMELY, BLOUSES, DRESSES, GLOVES MADE OF LEATHER OR FABRIC, HOUSECOATS, BRUNCH COATS, PAJAMAS, NIGHT GOWNS, SLIPS, PANTIES, BED JACKETS, AND LOUNGING ROBES.
Claims use since 1931.

Ser. No. 514,876. THE ADLER CO., Cincinnati, Ohio. Filed July 5, 1947.



FOR MEN'S, WOMEN'S, AND CHILDREN'S KNITTED SOCKS.
Claims use since Feb. 1, 1946.

Ser. No. 519,920. BOONTON FULL FASHION HOSIERY MILL, Boonton, N. J. Filed Nov. 26, 1947.

ANNIVERSARY

FOR FULL FASHIONED HOSIERY FOR WOMEN.
Claims use since Mar. 17, 1947.

Ser. No. 529,018. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

BROWNIE

FOR WORK GLOVES MADE OF LEATHER AND CANTON FLANNEL.
Claims use since October 1933.

Ser. No. 529,028. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

"BLIZZARD"

FOR FABRIC WORK GLOVES.
Claims use since August 1932.

Ser. No. 529,030. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

SNOFLAKE

FOR FABRIC WORK GLOVES.
Claims use since October 1933.

Ser. No. 529,465. JACOBS BROS., Hoboken, N. J. Filed July 25, 1947.

QUALITY CHILDREN'S WEAR
Lucky Seven "7"

The words "Quality Children's Wear" are disclaimed.
FOR INFANTS' AND CHILDREN'S WEAR—NAMELY, COATS, JACKETS, SNOW SUITS, LEGGINGS AND LEGGING SETS, OVERALLS, JACKET AND OVERALL SETS, SKI PANTS, PINAFORES, SKIRTS, DRESSES, BATHROBES, SUN SUITS, WASH SUITS, PRAM SUITS, COVERALLS, SUITS, PLAY SUITS, SLACK AND SLACK SUITS, JERKIN AND SKIRT SETS, JUMPERS AND OUTER SHORTS.
Claims use since May 1947.

Ser. No. 529,751. CRADDOCK-TERRY SHOE CORPORATION, Lynchburg, Va. Filed July 28, 1947.

Sir Walter

FOR LEATHER SHOES FOR MEN.
Claims use since Jan. 1, 1935.

Ser. No. 530,326. MARCEL WAGNER GLOVE CO., New York, N. Y. Filed Aug. 2, 1947.

MOKALYN

FOR MEN'S AND LADIES' GLOVES MADE OF LEATHER.
Claims use since July 21, 1947.

Ser. No. 534,287. JONES KNITTING MILLS, Los Angeles, Calif. Filed Sept. 12, 1947. Under section 2f of the act of 1946.

Jonesknit

The word "Knit" is disclaimed apart from the mark. Applicant claims ownership of registration No. 336,790.
FOR KNIT GOODS—NAMELY, SWEATERS, BATHING SUITS, BATH TRUNKS, VESTS, HOSE, SCARFS, SLACKS, HATS, AND CAPS FOR MEN, WOMEN AND CHILDREN; DRESSES FOR WOMEN AND CHILDREN; GLOVES AND MITTENS.
Claims use since June 1, 1923.

Ser. No. 535,521. CHARLES S. GREENBERG, INC., New York, N. Y. Filed Sept. 24, 1947.

Merrywear Frocks

No claim is made to the word "Frocks" apart from the mark.
FOR WOMEN'S, MISSES', AND CHILDREN'S DRESSES.
Claims use since Aug. 1, 1947.

Ser. No. 537,799. HUISKAMP BROTHERS CO., Keokuk, Iowa. Filed Oct. 14, 1947.

Nice Going

FOR WOMEN'S SHOES MADE OF LEATHER, RUBBER, OR FABRIC, AND COMBINATIONS THEREOF.
Claims use since Aug. 20, 1947.

Ser. No. 543,723. MIKE LEVINE & CO., New York, N. Y. Filed Dec. 8, 1947.

Toulie Shand

The word "Shand" is disclaimed apart from the mark.
FOR LADIES' DRESSES.
Claims use since Aug. 12, 1947.

Ser. No. 544,783. SUE SHELTON, INC., Shelton, Conn., and New York, N. Y., assignor to The Lerner Company, New York, N. Y., a firm composed of Louis Lerner and Abraham Lerner. Filed Dec. 18, 1947.

FLOSSETTE

FOR LADIES', MISSES', AND GIRLS' SWEATERS, KNITTED DRESSES, AND JACKETS.
Claims use since Feb. 3, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 477,647. FAIRY SILK MILLS, INC., Shillington, Pa. Filed Dec. 23, 1947.

TRIC-O-RAY

The term "Tric-O" is disclaimed apart from the mark.
FOR TRICOT KNIT FABRICS IN THE PIECE, MADE OF RAYON, SILK, NYLON, COTTON, WOOL, AND/OR COMBINATIONS OF THESE FIBRES.
Claims use since Nov. 28, 1944.

Ser. No. 527,854. THE SCRANTON LACE COMPANY, Scranton, Pa. Filed July 5, 1947. Under section 2f of the act of 1946.

SCRANTON

Applicant claims ownership of registrations Nos. 104,485 and 200,802.
FOR WINDOW CURTAINS, TABLE COVERS, FURNITURE SCARFS, AND PIECE GOODS, ALL OF LACE OR PLASTIC FILM.
Claims use since Mar. 29, 1913.

Ser. No. 531,473. HEDSTROM-UNION COMPANY, Fitchburg and Gardner, Mass. Filed Aug. 15, 1947.

Pram-Vel

The word "Pram" is disclaimed apart from the mark shown on the drawing.
FOR FABRIC FOR BABY CARRIAGES—NAMELY, FLEXIBLE CALENDERED AND EMBOSSED PLASTIC SHEET MATERIAL WHICH IS SOLD EMBODIED AS A PART OF BABY CARRIAGES.
Claims use since June 23, 1947.

Ser. No. 533,976. WILLIAM I. BARRELL COMPANY, New York, N. Y. Filed Sept. 10, 1947. Under section 2f of the act of 1946.

CON-SER-VIT

Applicant claims ownership of registration No. 61,764.
FOR COTTON DUCK IN THE PIECE FOR ROOFING ON RAILROAD CARS AND TRUCKS.
Claims use since July 20, 1905.

Ser. No. 543,099. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

LARKWING

Applicant claims ownership of registration No. 414,991.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Feb. 5, 1943.

Ser. No. 543,104. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

Sky Leader

Applicant claims ownership of registration No. 411,035.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK AND SYNTHETIC FIBERS.
Claims use since Feb. 3, 1944.

Ser. No. 543,136. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

ROYAL MOUNTIE

Applicant claims ownership of registration No. 369,061.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK AND SYNTHETIC FIBERS.
Claims use since Feb. 10, 1939.

Ser. No. 543,144. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

CORDURELLA

Applicant claims ownership of registration No. 305,557.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since July 30, 1932.

Ser. No. 551,905. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Mar. 13, 1948.

FIELDGLO

FOR BATH AND HAND TOWELS, WASH CLOTHS, AND BATH MATS.
Claims use since June 1, 1947.

Ser. No. 552,004. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Mar. 15, 1948.

PEPPSPUN

FOR PIECE GOODS MADE OF RAYON AND COTTON MIXTURES.
Claims use since Feb. 3, 1948.

Ser. No. 552,234. CROMPTON COMPANY, West Warwick, R. I. Filed Mar. 18, 1948.

CASKETVEL

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, RAYON, NYLON, PROTEIN FIBERS, OR MIXTURES THEREOF.
Claims use since Dec. 12, 1947.

Ser. No. 552,444. THE ESMOND MILLS, INCORPORATED, Smithfield and Esmond, R. I. Filed Mar. 19, 1948.



Applicant claims ownership of registrations Nos. 67,044, Jan. 14, 1908, renewed twice; 102,430, Feb. 9, 1915, renewed; 165,805, Mar. 20, 1923, renewed; 175,176, Oct. 30, 1923, renewed; 193,657, Jan. 6, 1925, renewed; 194,360, Jan. 20, 1925, renewed; 195,582, Feb. 24, 1925, renewed; 220,980, Nov. 23, 1926, renewed; 381,287, Sept. 17, 1940; 410,322, Nov. 21, 1944; and 421,436, June 4, 1946.

FOR TEXTILE BLANKETS, WOOLEN PIECE GOODS, COTTON PIECE GOODS AND PIECE GOODS MADE OF A MIXTURE OF WOOL, COTTON, AND RAYON; MATTRESS PADS, TOWELS AND WASH CLOTHS.

Claims use since Sept. 20, 1907.

Ser. No. 552,445. THE ESMOND MILLS, INCORPORATED, Esmond, R. I. Filed Mar. 19, 1948.

Bunny

Applicant claims ownership of registrations Nos. 67,044, Jan. 14, 1908, renewed twice; 102,430, Feb. 9, 1915, renewed; 165,805, Mar. 20, 1923, renewed; 175,176, Oct. 30, 1923, renewed; 193,657, Jan. 6, 1925, renewed; 194,360, Jan. 20, 1925, renewed; 195,582, Feb. 24, 1925, renewed; 220,980, Nov. 23, 1926, renewed; 381,287, Sept. 17, 1940; 410,322, Nov. 21, 1944; and 421,436, June 4, 1946.

FOR TEXTILE BLANKETS, WOOLEN PIECE GOODS, COTTON PIECE GOODS AND PIECE GOODS MADE OF A MIXTURE OF WOOL, COTTON, AND RAYON; MATTRESS PADS; TOWELS AND WASH CLOTHS.

Claims use since Sept. 20, 1907.

Ser. No. 552,567. BLOOMSBURG MILLS, INC., New York, N. Y. Filed Mar. 20, 1948.

Fernbrook Park

FOR PIECE GOODS OF RAYON, SILK, WOOL, COTTON, OR COMBINATIONS THEREOF.

Claims use since Feb. 17, 1948.

Ser. No. 553,228. WENNONAH COTTON MILLS COMPANY, Lexington, N. C. Filed Mar. 27, 1948.

THORNDYKE

FOR TICKING, SOLD IN THE PIECE.

Claims use since 1938.

Ser. No. 553,369. WILLIAM HOLLINS AND COMPANY LIMITED, Nottingham, England. Filed Mar. 30, 1948.

DAYELLA

Applicant claims ownership of British registration No. 270,926, dated Mar. 10, 1905.

FOR WOOLEN PIECE GOODS.

Ser. No. 553,403. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Mar. 30, 1948.

ALAMEDA

FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.

Claims use since October 1924.

Ser. No. 553,404. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Mar. 30, 1948.

BACHELOR

Applicant claims ownership of registration No. 282,612.

FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.

Claims use since Oct. 6, 1930.

Ser. No. 553,406. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Mar. 30, 1948.

KERAH

Applicant claims ownership of registration No. 283,137.

FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.

Claims use since Oct. 3, 1929.

Ser. No. 553,407. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Mar. 30, 1948.

MYLURE

FOR BROAD SILKS IN THE PIECE.

Claims use since October 1929.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 536,717. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa. Filed Oct. 3, 1947.

S-K-F

Applicant claims ownership of registration No. 262,689.

FOR INHALERS.

Claims use since November 1934.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 537,243. ROCHESTER SODA WATER COMPANY, INC., Rochester, N. Y. Filed Oct. 8, 1947.

Pee-Wee A

FOR NON-ALCOHOLIC MALTLESS BEVERAGE SOLD AS A SOFT DRINK.

Claims use since July 15, 1947.

Ser. No. 537,668. DURANGO COCA-COLA BOTTLING CO., Durango, Colo. Filed Oct. 13, 1947.



FOR MALTLESS SOFT DRINKS AND CARBONATED WATERS.

Claims use since July 1, 1946.

Ser. No. 537,789. N. H. DARSKY, doing business as Golden Age Ginger Ale Company of America, Youngstown, Canton and Akron, Ohio, and Houston, Tex. Filed Oct. 14, 1947.

Golden Age

Applicant claims ownership of registration No. 299,523.

FOR MINERAL AND CARBONATED WATER AND FOR CARBONATED, NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS USED IN MAKING THE SAME.

Claims use since June 2, 1932.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 524,687. W. A. CLEARY CORPORATION, doing business as Cleary Trading Corporation, New Brunswick, N. J. Filed Aug. 28, 1947.

CLEARATE

The trade-mark comprises the word "Clearate." Applicant claims ownership of registration No. 359,360.

FOR MODIFIED AND COMPOUND VEGETABLE OIL FOR CHANGING CAPILLARY PROPERTIES OF OIL-CONTAINING MATERIALS FOR USE IN CONFECTIONS, CHOCOLATE, BAKING SHORTENING AND OTHER FOOD STUFFS.

Claims use since May 1, 1937.

Ser. No. 528,400. ARMOUR AND COMPANY, Chicago, Ill. Filed July 12, 1947.

COMPETIDOR

FOR SAUSAGE.

Claims use since 1917.

Ser. No. 528,809. MARYLAND AND VIRGINIA MILK PRODUCERS ASSOCIATION, INC., Charlottesville, Va., and Washington, D. C. Filed July 17, 1947.



FOR FLUID MILK, SWEET CREAM, SOUR CREAM, AND BUTTERMILK.
Claims use since Apr. 24, 1924.

Ser. No. 528,810. MARYLAND AND VIRGINIA MILK PRODUCERS ASSOCIATION, INC., Charlottesville, Va., and Washington, D. C. Filed July 17, 1947.



FOR FLUID MILK, SWEET CREAM, SOUR CREAM, AND BUTTERMILK.
Claims use since Apr. 24, 1924.

Ser. No. 528,975. WHIZ FISH PRODUCTS COMPANY, Seattle, Wash. Filed July 19, 1947.

SILVER BRIGHT

FOR CANNED FISH.
Claims use since Dec. 5, 1946.

Ser. No. 530,006. PETER JENSEN, Copenhagen, Denmark. Filed July 30, 1947.

DANOLA

Applicant claims ownership of Danish registration No. 561–1947, dated May 3, 1947.
FOR CHEESE.
Claims use since Feb. 1, 1923.

Ser. No. 534,694. LEWIS A. TERVEN, doing business as Lewis A. Terven Co., Salinas, Calif., assignor to Lewis A. Terven Co., Salinas, Calif., a corporation of California. Filed Sept. 16, 1947.

Tervenized

FOR FRESH CARROTS.
Claims use since March 1947.

Ser. No. 534,773. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y. Filed Sept. 17, 1947. Under section 2f of the act of 1946.

BROCKPORT

Applicant claims ownership of registration No. 244,042.
FOR CANNED PEAS, TOMATO SOUP AND KETCHUP.
Claims use since Oct. 29, 1926, on peas; since June 1939 on tomato soup; and since May 1938 on ketchup.

Ser. No. 534,794. MACONOCHIE BROTHERS, LIMITED, London, England. Filed Sept. 17, 1947.



No claim is made to the exclusive use of the surname "Maconochie's" apart from the mark. Applicant claims ownership of registration No. 69,026.
FOR PICKLE RELISH.
Claims use since June 1940.

Ser. No. 534,864. ATKINSON MILLING COMPANY, Minneapolis, Minn. Filed Sept. 18, 1947.

STRONGHEART

FOR HARD WHEAT FIRST CLEAR FLOUR.
Claims use since Sept. 1, 1917.

Ser. No. 536,374. JOHN O. GILBERT CHOCOLATE COMPANY, Jackson, Mich. Filed Oct. 1, 1947. Under section 2f of the act of 1946.

PANAMA

Applicant claims ownership of registration No. 142,203.
FOR CANDY.
Claims use since Jan. 2, 1913.

Ser. No. 540,226. WYETH INCORPORATED, Philadelphia, Pa. Filed Nov. 5, 1947. Under section 2f of the act of 1946 as to Wyeth.

Wyeth

Applicant claims ownership of registrations Nos. 68,110, 104,497, and 319,304.
FOR A MIXTURE OF PROTEIN FREE MALTOSE AND DEXTRINS, PREPARED CEREALS WITH DRIED PAPAYA FRUIT, HYPOALLERGENIC WHOLE AND POWDERED MILKS, COMBINED AMINO ACIDS AND POLYPEPTIDES FOR USE AS A DIETARY SUPPLEMENT, SOY BEAN OIL AND RICE BRAN CONCENTRATE FOR USE AS A DIETARY SUPPLEMENT, EMULSIONS AND SPECIALLY PREPARED MILKS FOR INFANT FEEDING.
Claims use since 1861 as to Wyeth's; since Nov. 6, 1931, as to composite trade-mark Wyeth's upon a shield device; and since Feb. 16, 1945, as to the form shown upon the goods named.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 539,496. F. W. COOK COMPANY, INC., Evansville, Ind. Filed Oct. 30, 1947.



The drawing is lined for the color gold.
FOR BEER AND ALE.
Claims use since 1887.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 529,935. SHELBY CRAFTCO CORP., Chicago, Ill. Filed July 29, 1947.

FOLDIES

FOR ORNAMENTAL DECORATIONS FOR FESTIVE OCCASIONS, COMPOSED OF PAPER, METALLIC COATED PAPER, METALLIC FOIL AND THE LIKE FOR USE AS TRANSIENT ADORNMENTS.
Claims use since April 1947.

Ser. No. 532,777. WEBER COSTELLO CO., Chicago Heights, Ill. Filed Aug. 28, 1947. Under section 2f of the act of 1946.

STERLING

Applicant claims ownership of registration No. 224,779.
FOR WRITING BOARDS ALSO KNOWN AS BLACKBOARDS.
Claims use since July 3, 1925.

Ser. No. 532,779. WEBER COSTELLO CO., Chicago, Ill. Filed Aug. 28, 1947.

Chalkmaster

The word "Chalk" is disclaimed apart from the mark as shown.
FOR WRITING BOARDS, ALSO KNOWN AS BLACKBOARDS.
Claims use since May 1, 1947.

Ser. No. 532,783. WEBER COSTELLO CO., Chicago Heights, Ill. Filed Aug. 28, 1947. Under section 2f of the act of 1946.

GREENSITE

FOR WRITING BOARDS IN THE FORM OF CHALKBOARDS.
Claims use since Jan. 15, 1940.

CLASS 55

SERVICES

Ser. No. 527,275. BENEFICIAL INDUSTRIAL LOAN CORPORATION, Wilmington, Del. Filed July 5, 1947. Service Mark.

"THE COMPANY THAT LIKES TO SAY YES"

FOR SERVICES RENDERED IN THE SMALL LOAN, INSTALMENT LOAN AND INSTALMENT CREDIT BUSINESS.
Claims use since July 10, 1945.

Ser. No. 531,701. NORFOLK AND WESTERN RAILWAY COMPANY, Roanoke, Va. Filed Aug. 18, 1947. Service Mark. Under section 2f of the act of 1946.

CARRIER OF FUEL SATISFACTION

FOR SERVICE OF RAILROAD TRANSPORTATION OF PASSENGERS AND FREIGHT.
Claims use since June 1929.

Ser. No. 534,428. FUNERAL SERVICE ASSOCIATION, INC., Seattle, Wash. Filed Sept. 13, 1947. Service Mark.

Purple Cross

FOR FINANCIAL SERVICES IN CONNECTION WITH FUNERALS—VIZ., THE PROVISION OF FUNDS FOR BURIAL THROUGH ADVANCE PAYMENT CONTRACTS.

Claims use since July 8, 1947.

Ser. No. 536,511. ELFAST SERVICE CORPORATION, New York, N. Y. Filed Oct. 2, 1947. Service Mark.



The date "1944" and the words "World-Wide Travel Service" are disclaimed apart from the mark as shown.

FOR TRAVEL SERVICES—NAMELY, THE PROMOTION, ORGANIZATION, PLANNING AND CONDUCT OF TRIPS, TOURS AND EXCURSIONS BY RAILROAD, STEAMSHIP, MOTOR VEHICLE OR AIRCRAFT FOR INDIVIDUALS OR GROUPS OF INDIVIDUALS TO ANY PART OF THE WORLD; THE PROVISION OR ASSISTANCE IN THE PROVISION OF TRANSPORTATION FOR INDIVIDUALS OR GROUPS OF INDIVIDUALS BY RAILROAD, STEAMSHIP, MOTOR VEHICLE, OR AIRCRAFT; AND THE PROVISION OR PROCUREMENT OF HOTEL AND OTHER ACCOMMODATIONS FOR THE COMFORT, CONVENIENCE AND ENTERTAINMENT OF INDIVIDUALS OR GROUPS OF INDIVIDUALS.

Claims use since Jan. 3, 1947.

Ser. No. 537,979. BROADWAY MAINTENANCE CORP., Long Island City, N. Y. Filed Oct. 16, 1947. Service Mark.

Broadway  Maintenance

The word "Maintenance" and the representation of the motor are disclaimed apart from the mark.

FOR SERVICE, REPAIR, AND MAINTENANCE OF ELECTRIC MOTORS.

Claims use since June 2, 1943.

Ser. No. 547,080. THE J. G. WHITE ENGINEERING CORPORATION, New York, N. Y., and Dover, Del. Filed Jan. 14, 1948. Service Mark.



FOR ENGINEERING—NAMELY, MECHANICAL, CIVIL, CHEMICAL, HYDRAULIC, ELECTRICAL AND INDUSTRIAL; CONTRACT INDUSTRIAL CONSTRUCTION; AND ENGINEERING INVESTIGATIONS, VALUATIONS, REPORTS AND APPRAISALS.

Claims use since Dec. 5, 1946.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

440,832. ASPHALT COMPOSITIONS—NAMELY, PLASTIC CEMENT, FOR SEALING STRUCTURAL SURFACES. EDWARD L. BLUM, doing business as Baltimore Salvage Company, Baltimore, Md., assignor to Baltimore Salvage Co. Inc., Baltimore, Md., a corporation of Maryland.
Filed July 30, 1945. Serial No. 486,455. PUBLISHED JUNE 29, 1948. Class 12.

440,833. TOY BANJO UKULELES. ALBERT C. SPATZ, Woodhaven, N. Y.
Filed September 5, 1945. Serial No. 488,003. PUBLISHED JUNE 29, 1948. Class 22.

440,834. STUDENT AND ADULT PASSENGER BUS BODIES. H. O. DE BOER, doing business as H. O. De Boer & Associates, Lombard, Ill.
Filed October 13, 1945. Serial No. 489,902. PUBLISHED JULY 6, 1948. Class 19.

440,835. UNDERWEAR AND LINGERIE—NAMELY, SLIPS, PETTICOATS, NIGHTGOWNS, PAJAMAS, BED JACKETS, PANTIES, ETC. COSGROVE BROTHERS, INC., Quincy, Mass.
Filed October 18, 1945. Serial No. 490,105. PUBLISHED JUNE 4, 1946. Class 39.

440,836. TOILET SOAP. CHARLES OF THE RITZ, INC., New York, N. Y.
Filed October 30, 1945. Serial No. 490,743. PUBLISHED MARCH 26, 1946. Class 4.

440,837. ANTISEPTIC LOTION FOR AFTER BATHING, AFTER SHAVING, FACIAL ASTRINGENT, MINOR CUTS, INSECT BITES AND POISON IVY. FELIX C. RUSSELL, doing business as Cool Ocean Co., New Orleans, La.
Filed December 6, 1945. Serial No. 492,794. PUBLISHED JULY 6, 1948. Class 6.

440,838. TOY WADING POOLS MADE OF CANVAS AND SUPPORTED BY A STEEL FRAME. THE FRED EHRICK COMPANY, Brooklyn, N. Y.
Filed January 25, 1946. Serial No. 495,367. PUBLISHED JUNE 29, 1948. Class 22.

440,839. PERAMBULATORS. GROVE MANUFACTURING COMPANY, INC., doing business as Gromanco, St. Louis, Mo.
Filed February 23, 1946. Serial No. 497,092. PUBLISHED JULY 6, 1948. Class 19.

440,840. PERCUSSION TOYS—NAMELY, DRUMS WITH HEADS OF RESILIENT MATERIAL. ESTELLE J. GIOSEFFI, doing business as Estelle Toy Company, Rochester, N. Y., assignor to George P. Rosa, Rochester, N. Y.
Filed April 6, 1946. Serial No. 499,777. PUBLISHED JUNE 29, 1948. Class 22.

440,841. ROLLER SKATES. EARNEST J. KRAUSE, doing business as Radiobar Company of America, West Los Angeles, Calif.
Filed May 1, 1946. Serial No. 501,256. PUBLISHED JUNE 22, 1948. Class 22.

440,842. TOY PISTOLS AND TOY WHISTLES. PYRO PLASTICS CORPORATION, Westfield, N. J.
Filed May 7, 1946. Serial No. 501,594. PUBLISHED JUNE 29, 1948. Class 22.

440,843. TOY BIRDS WITH MOVING PARTS. TEMPLET MANUFACTURING CORPORATION, New York, N. Y.
Filed May 14, 1946. Serial No. 502,089. PUBLISHED JUNE 29, 1948. Class 22.

440,844. AIRCRAFT—NAMELY, GLIDERS AND POWERED GLIDERS. NELSON AIRCRAFT CORPORATION, San Fernando, Calif.
Filed June 25, 1946. Serial No. 504,571. PUBLISHED JULY 6, 1948. Class 19.

440,845. WASHING POWDER. GERTRUDE FOX RIDER, doing business under the assumed name of Hermosa Products Co., Portland, Oreg.
Filed July 15, 1946. Serial No. 505,942. PUBLISHED JUNE 8, 1948. Class 4.

440,846. MEDICATED TONIC FOOD BEVERAGE. MACLEANS LABORATORIES, INC., Bloomfield, N. J.
Filed July 23, 1946. Serial No. 506,116. PUBLISHED JULY 6, 1948. Class 6.

440,847. HYGROSCOPIC COMPOSITION IN LIQUID FORM TO BE APPLIED TO ROADS, TENNIS COURTS, ET CETERA, FOR THE CONSOLIDATION OF THE SURFACES THEREOF. MICHIGAN CHEMICAL CORPORATION, St. Louis, Mich.
Filed July 26, 1946. Serial No. 506,334. PUBLISHED JUNE 29, 1948. Class 12.

440,848. VEHICLES—NAMELY, UTILITY HAND PUSH-CARTS. THE OHIO TUBULAR PRODUCTS COMPANY, London, Ohio.
Filed August 13, 1946. Serial No. 507,334. PUBLISHED JULY 6, 1948. Class 19.

440,849. AUTOMOBILE TRAILERS. BEN-HUR MFG. CO., Milwaukee, Wis.
Filed August 19, 1946. Serial No. 507,613. PUBLISHED JULY 6, 1948. Class 19.

440,850. HOLDERS FOR FISH HOOKS. LEDR-HOL, INC., Royal Oak, Mich.
Filed August 21, 1946. Serial No. 507,734. PUBLISHED JUNE 29, 1948. Class 22.

440,851. ATHLETIC SUPPLIES—NAMELY, BAR BELLS, DUMB BELLS, EXPANSION AND CONTRACTION EXERCISING APPARATUS, WALL PULLEY EXPANDER SETS, AND ABDOMINAL EXERCISE BOARDS FOR GYMNASTIC AND EXERCISING USE. ROBERT C. HOFFMAN, York, Pa.
Filed August 22, 1946. Serial No. 507,823. PUBLISHED JUNE 29, 1948. Class 22.

440,852. GAME PLAYED WITH TWO INFLATED ODD-SHAPED BALLS AND A PLATFORM GOAL. WALTER J. VAN DEEST, May Lake, High Sierra Camp, Yosemite National Park, Calif.
Filed September 3, 1946. Serial No. 508,457. PUBLISHED JUNE 29, 1948. Class 22.

440,853. DISINFECTANT. SOUTHERN METAL STAMPING CO., INC., New Orleans, La.
Filed October 1, 1946. Serial No. 510,032. PUBLISHED MAY 18, 1948. Class 6.

440,854. MOBILE LOGGING TRUCKS. TAYLOR MACHINE WORKS, Louisville, Miss.
Filed October 2, 1946. Serial No. 510,130. PUBLISHED JULY 6, 1948. Class 19.

440,855. HAND-OPERATED TWO AND FOUR WHEEL TRUCKS, INDUSTRIAL WAREHOUSE TRAILERS, DOLLIES, CARTS AND WAGONS USED TO TRANSPORT EQUIPMENT AND GOODS, AND REMOVABLE TRUCK BODIES. WURZBURG BROTHERS, Memphis, Tenn., assignor to Wurzburg Brothers, Incorporated, Memphis, Tenn., a corporation of Tennessee.
Filed October 2, 1946. Serial No. 510,141. PUBLISHED JULY 6, 1948. Class 19.

440,856. CONCENTRATED LIQUID SOLUTION FOR CLEANING WALLS AND WOOD, METAL, AND OTHER SURFACES. THE HAMILTON DISTRIBUTING CO., Cleveland, Ohio, now by change of name Hadco Corporation, a corporation of Ohio.
Filed October 3, 1946. Serial No. 510,171. PUBLISHED JUNE 8, 1948. Class 4.

440,857. PLAY WAGONS, ROLLER SKATES, IRISH MAIL (HAND PROPELLED CAR) SCOOTERS (FOOT PROPELLED), TOY AUTOMOBILES AND TRICYCLES. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.
Filed November 2, 1946. Serial No. 511,971. PUBLISHED JULY 6, 1948. Class 22.

440,858. GOLF GAME PLAYED WITH BOARD AND GAME PIECES. RND ASSOCIATES, Newark, N. J.
Filed November 20, 1946. Serial No. 512,928. PUBLISHED JUNE 29, 1948. Class 22.

440,859. SURGICAL LUBRICANT. BURROUGHS WELLCOME & Co. (U. S. A.) INC., New York, N. Y.
Filed November 21, 1946. Serial No. 512,962. PUBLISHED JULY 29, 1947. Class 6.

440,860. PLAYING CARDS. CRUVER MANUFACTURING COMPANY, Chicago, Ill.
Filed November 25, 1946. Serial No. 513,160. PUBLISHED JUNE 29, 1948. Class 22.

440,861. PLAYING CARDS COMPOSED OF A RESILIENT PLASTIC. CRUVER MANUFACTURING COMPANY, Chicago, Ill.
Filed November 25, 1946. Serial No. 513,161. PUBLISHED JUNE 29, 1948. Class 22.

440,862. SPROUTING INHIBITORS. FAESY & BESTHOFF, INC., New York, N. Y.
Filed December 11, 1946. Serial No. 514,019. PUBLISHED JUNE 22, 1948. Class 6.

440,863. JUNIOR MISSES' AND LITTLE MISSES' SLIPS, PANTIES, NIGHTGOWNS, AND PAJAMAS. TOPPER UNDERGARMENT COMPANY, New York, N. Y.
Filed December 17, 1946. Serial No. 514,447. PUBLISHED JUNE 8, 1948. Class 39.

440,864. WOMEN'S AND CHILDREN'S SLIPS AND PETTICOATS. ARCHDALE MFG. CO., Archdale, N. C.
Filed December 27, 1946. Serial No. 514,880. PUBLISHED JUNE 8, 1948. Class 39.

440,865. FISHING SPINNERS. NORTHWEST SILVERSMITHS, Portland, Oreg.
Filed January 4, 1947. Serial No. 515,274. PUBLISHED JUNE 29, 1948. Class 22.

440,866. TOY TOPS AND A TOP GAME. MILTON BRADLEY COMPANY, Springfield, Mass.
Filed January 8, 1947. Serial No. 515,408. PUBLISHED JUNE 29, 1948. Class 22.

440,867. TOY HOLSTERS. R & S TOY MFG. CO., INC., Brooklyn, N. Y.
Filed January 11, 1947. Serial No. 515,637. PUBLISHED JUNE 29, 1948. Class 22.

440,868. PLASTIC AND METAL TOYS—NAMELY, WAGONS, WHEELBARROWS, AND CARTS. T. W. HAND FIREWORKS CO. LIMITED, Cooksville, Ontario, Canada.
Filed January 22, 1947. Serial No. 516,130. PUBLISHED JUNE 29, 1948. Class 22.

440,869. MEDICAL PREPARATION FOR USE IN THE TREATMENT OF DISORDERS OF BASAL METABOLISM. ROCHE-ORGANON INC., Nutley, N. J.
Filed February 14, 1947. Serial No. 517,524. PUBLISHED JULY 6, 1948. Class 6.

440,870. SHUFFLEBOARDS. NATIONAL SHUFFLEBOARD COMPANY, Orange, N. J.
Filed February 18, 1947. Serial No. 517,735. PUBLISHED JUNE 29, 1948. Class 22.

440,871. DRY AND WET MOPS, WALL MOPS, AND HAND DUSTERS. STEPHEN L. SLACK, doing business as S. L. Slack, Boylston, Mass.
Filed March 5, 1947. Serial No. 518,565. PUBLISHED JUNE 22, 1948. Class 29.

440,872. FISH NETS. INSUR-FLOT LIVE NET CO., Woodinville, Wash.
Filed March 6, 1947. Serial No. 518,601. PUBLISHED JULY 6, 1948. Class 22.

440,873. CHILDREN'S PLAY KIT CONTAINING MECHANICAL AND STRUCTURAL PIECES. THE JUDY COMPANY, Minneapolis, Minn.
Filed March 6, 1947. Serial No. 518,607. PUBLISHED JUNE 29, 1948. Class 22.

440,874. WHEEL TRUCKS FOR EMERGENCY USE TO SUPPORT AUTOMOBILE WHEELS WHICH HAVE A FLAT TIRE. ROL-A-WAY COMPANY, INC., Philadelphia, Pa.
Filed March 11, 1947. Serial No. 518,854. PUBLISHED MAY 25, 1948. Class 19.

440,875. MECHANICAL WATER TOYS IN THE FORM OF HUMAN FIGURES. R. & R. NOVELTY CO., INC., Brooklyn, N. Y.
Filed March 13, 1947. Serial No. 518,981. PUBLISHED JUNE 29, 1948. Class 22.

440,876. MARINE VESSELS AND SHIPS AND PARTS THEREOF, ETC. THE AMERICAN SHIP BUILDING COMPANY, Cleveland, Ohio.
Filed March 18, 1947. Serial No. 519,156. PUBLISHED JULY 6, 1948. Class 19.

440,877. MARINE VESSELS AND SHIPS AND PARTS THEREOF, ETC. THE AMERICAN SHIP BUILDING COMPANY, Cleveland, Ohio.
Filed March 18, 1947. Serial No. 519,157. PUBLISHED JULY 6, 1948. Class 19.

440,878. INORGANIC COMPOUNDS OF METALS—NAMELY, AMMONIUM MOLYBDATE, MOLYBDIC OXIDE, AMMONIUM METAVANADATE, SODIUM MOLYBDATE, AMMONIUM PARATUNGSTATE, AND TUNGSTIC OXIDE. UNITED STATES VANADIUM CORPORATION, New York, N. Y.
Filed March 19, 1947. Serial No. 519,303. PUBLISHED JULY 6, 1948. Class 6.

440,879. PERFUMES. MADELINE VRAMANT, BORN MADELEINE GIRAUD, Paris, France.
Filed March 21, 1947. Serial No. 519,403. PUBLISHED JULY 6, 1948. Class 6.

440,880. MANICURE IMPLEMENTS—NAMELY, TOENAIL NIPPERS, MANICURE NIPPERS, CUTICLE NIPPERS, MANICURE SCISSORS, NAIL FILES, PEDICURE SCISSORS, PUSHERS, TWEEZERS, BLACKHEAD EXTRACTORS, AND NOSE SCISSORS, AND KITS CONTAINING COMBINATIONS OF THE AFORESAID ARTICLES. MASTER SURGICAL INSTRUMENT CORP., Irvington, N. J.
Filed April 1, 1947. Serial No. 519,971. PUBLISHED JUNE 22, 1948. Class 44.

440,881. CORSETTES (GARMENTS COMBINING A LOWER GIRDLE SECTION AND AN UPPER BANDEAU SECTION) AND GIRDLES. THE H & W COMPANY, Newark, N. J.
Filed April 5, 1947. Serial No. 520,217. PUBLISHED APRIL 27, 1948. Class 39.

440,882. WINDOW SCREENS. RY-LOCK COMPANY, LTD., San Leandro, Calif.
Filed April 5, 1947. Serial No. 520,234. PUBLISHED JUNE 29, 1948. Class 12.

440,883. MINIATURE TOY CIRCUS. MARK W. BAKER, doing business as Colorado Springs Toy & Novelty Co., Colorado Springs, Colo.
Filed April 14, 1947. Serial No. 520,616. PUBLISHED JUNE 29, 1948. Class 22.

440,884. GLASS CLEANER AND HOUSEHOLD CLEANER. ROY D. BASSETTE, JR., doing business as Spangle Solvents Company, West Hartford, Conn.
Filed April 15, 1947. Serial No. 520,678. PUBLISHED JUNE 22, 1948. Class 4.

440,885. AUTOMOTIVE ACCESSORIES AND REPLACEMENT PARTS—NAMELY, AUTOMOBILE HEATERS, FENDER FLAPS, BUMPER GUARDS AND FENDER GUARDS. EARL H. EBERT, doing business as Earl H. Ebert Co., Kansas City, Mo.
Filed April 21, 1947. Serial No. 521,060. PUBLISHED JULY 6, 1948. Class 19.

440,886. WASHING POWDER OR LIQUID. SERVICE INDUSTRIES, Philadelphia, Pa.
Filed May 1, 1947. Serial No. 521,689. PUBLISHED JUNE 8, 1948. Class 4.

440,887. GAME PLAYED BY TWO OR MORE PERSONS WITH A PLURALITY OF PIECES ON A PLAYING BOARD DIVIDED INTO A PLURALITY OF SQUARES. BIC-KEEN, INC., Detroit, Mich.
Filed May 12, 1947. Serial No. 522,245. PUBLISHED JUNE 29, 1948. Class 22.

440,888. WORD GAME COMPRISED OF A CODE SYSTEM OF ARRANGING SYLLABLES, CONSONANTS, AND VOWELS ARBITRARILY USED TO REPRESENT WORDS. EDWARD ALFRED CHRISTENSEN, Kalamazoo, Mich.
Filed May 14, 1947. Serial No. 522,367. PUBLISHED JUNE 29, 1948. Class 22.

440,889. WOMEN'S AND MISSES' DRESSES. TOPTEENS, INC., New York, N. Y.
Filed May 27, 1947. Serial No. 523,154. PUBLISHED MAY 25, 1948. Class 39.

440,890. NON-MECHANICAL, HAND OPERATED DOLLIES. HULBERT MANUFACTURING COMPANY, Ashtabula, Ohio.
Filed June 5, 1947. Serial No. 523,589. PUBLISHED JULY 6, 1948. Class 19.

440,891. TOY ANIMALS, DOLLS, AND GAME BOARDS. MANUFACTURE DE JOUETS DE LUXE, Saint-Etienne, France.
Filed June 5, 1947. Serial No. 523,596. PUBLISHED JUNE 29, 1948. Class 22.

440,892. ARCHERY EQUIPMENT—NAMELY, QUIVERS. JOHN A. SCHOENIKE, doing business as Stalker Archery Co., Clintonville, Wis.
Filed June 17, 1947. Serial No. 524,353. PUBLISHED JUNE 29, 1948. Class 22.

440,893. NATURAL AND MANUFACTURED CORUNDUM AND GLASS POLISHING COMPOUNDS. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed June 23, 1947. Serial No. 524,645. PUBLISHED JUNE 22, 1948. Class 4.

440,894. ANTISLIPPING PREPARATION FOR APPLICATION TO THE HANDS OR TO THE IMPLEMENT USED IN PLAYING GAMES AND THE LIKE. HYDRO-CHEMICAL COMPANY, INCORPORATED, East Hartford, Conn.
Filed June 26, 1947. Serial No. 524,873. PUBLISHED JUNE 8, 1948. Class 4.

440,895. FLOOR OILERS IN THE NATURE OF MOPS, CLEANING CLOTHS, POLISHING CLOTHS, AND GENERAL UTILITY CLOTHS FOR LIKE PURPOSES. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y.
Filed June 26, 1947. Serial No. 524,913. PUBLISHED JUNE 29, 1948. Class 29.

440,896. AUXILIARY TELEPHONE MOUTHPIECE CAPS HAVING REPLACEABLE GERMICIDAL DISKS. PROPHYLACTIC PRODUCTS, INC., New York, N. Y.
Filed June 30, 1947. Serial No. 525,246. PUBLISHED JUNE 15, 1948. Class 44.

440,897. OFFSET SOLUTION USED IN PRINTING. THE SPRAYOMATIC PRODUCTS COMPANY, Cincinnati, Ohio.
Filed July 1, 1947. Serial No. 525,415. PUBLISHED JUNE 8, 1948. Class 11.

440,898. FIBRE AND CLOTH AUTOMOBILE SEAT COVERS; AUTOMOBILE GASOLINE TANK CAPS; AUTOMOBILE RADIATOR CAPS AND WHITE SIDE WALL WHEEL RIMS. SUN OIL COMPANY, Philadelphia, Pa.
Filed July 1, 1947. Serial No. 525,422. PUBLISHED JULY 6, 1948. Class 19.

440,899. PORTLAND CEMENT. MISSOURI PORTLAND CEMENT COMPANY, St. Louis, Mo.
Filed July 2, 1947. Serial No. 525,656. PUBLISHED JUNE 29, 1948. Class 12.

440,900. DOLLS, DOLLS' CLOTHING, DOLL BED PILLOWS, DOLL BED SHEETS AND PILLOW CASES, DOLL BED BLANKETS, DOLL BEDSPREADS, DOLL COACH PILLOWS, DOLL COACH SHEETS AND PILLOW CASES, DOLL COACH BLANKETS, AND DOLL COACH COVERS. ELIZABETH H. HILL, Carroll Park, Pa.
Filed July 3, 1947. Serial No. 525,846. PUBLISHED JUNE 22, 1948. Class 22.

ACT OF 1920

These registrations are not subject to opposition.

440,901. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE DAVISON CHEMICAL CORPORATION, Baltimore, Md. Filed June 7, 1944. Serial No. 470,966.

PROTEK-COAT

FOR ASPHALTIC COMPOUND IN LIQUID FORM FOR USE BY SPRAYING OR COATING IN THE FORMING OF MOISTURE-PROOF BARRIERS IN THE WRAPPING OF PACKAGES FOR SHIPMENT; AND FOR USE IN MOISTURE-PROOF SPRAYING OF THE OPENINGS AND SEAMS OF ALL VEHICLES, TANKS, RAILWAY CARS, AND FOR SIMILAR USES.
Claims use since May 11, 1944.

440,902. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) BARRET TEXTILE CORPORATION, New York, N. Y. Filed Sept. 14, 1946. Serial No. 509,070.

PATTERN CONTROL

FOR TEXTILE FABRICS IN THE PIECE MADE OF RAYON FIBERS, COTTON, WOOL, SILK OR NYLON AND MIXTURES THEREOF.
Claims use since Nov. 1, 1942.

440,903. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) D. B. FULLER & CO., INC., New York, N. Y. Filed Sept. 20, 1946. Serial No. 509,411.

FULLER
Fabrics

FOR TEXTILE FABRICS IN THE PIECE, OF COTTON, RAYON, PROTEIN FIBRES, AND MIXTURES THEREOF.

Claims use since May 13, 1946.

440,904. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HARVARD LOCK COMPANY, New York, N. Y., and Reading, Pa. Filed July 3, 1947. Serial No. 525,840.

HARVARD

FOR HINGES, CATCHES, OF THE TYPE COMPRISING MEANS TO FRICTIONALLY HOLD A DOOR IN A PREDETERMINED POSITION, SNAP HOOKS OF THE TYPE COMPRISING A HOOK WITH MEANS TO CLOSE THE ENTRANCE THEREOF, SASH LIFTS.

Claims use since 1938.

ACT OF 1946, PRINCIPAL REGISTER

502,598. PREPARATION FOR CLEANING AND RESTORING THE FINISH OF AUTOMOBILES. GULF OIL CORPORATION, Pittsburgh, Pa.
Filed July 5, 1947. Serial No. 492,437. PUBLISHED JUNE 15, 1948. Class 4.

502,599. FLUXES USED IN SOLDERING, BRAZING AND WELDING OPERATIONS ON METALLIC MATERIALS. MULTICORE SOLDERS LIMITED, London, England.
Filed August 20, 1947. Serial No. 493,206. PUBLISHED JULY 6, 1948. Class 6.

502,600. EMERY STICKS USED FOR MANICURING PURPOSES, HAVING ADVERTISING MATTER PRINTED THEREON. JOHN C. GONIA, doing business as Streamliner Emery Ad, Minneapolis, Minn.
Filed July 5, 1947. Serial No. 498,567. PUBLISHED JUNE 15, 1948. Class 44.

502,601. BORATED OINTMENT FOR RELIEVING BURNS, ABRASIONS, AND CHAPPING. HORTON & CONVERSE, Los Angeles, Calif.
Filed September 22, 1947. Serial No. 505,301. PUBLISHED JULY 6, 1948. Class 6.

502,602. POLISHES FOR SILVER, SHOES, AND STOVES; AND LIQUID CLEANERS FOR CLOTHING, UPHOLSTERY, RUGS, AND GLASS. MORTON MANUFACTURING CORPORATION, also doing business as Blair of Virginia, Lynchburg, Va.
Filed August 19, 1947. Serial No. 506,185. PUBLISHED JUNE 8, 1948. Class 4.

502,603. INFANTS' WATERPROOF PANTS. HOLLAND-RANTOS COMPANY, INC., New York, N. Y.
Filed September 11, 1947. Serial No. 509,342. PUBLISHED JUNE 8, 1948. Class 39.

502,604. MEDICAL DIAPHRAGMS. HOLLAND-RANTOS COMPANY, INC., New York, N. Y.
Filed September 11, 1947. Serial No. 509,846. PUBLISHED JUNE 22, 1948. Class 44.

502,605. PREPARATION DESIGNED TO RESTRAIN GONADOTROPHIC ACTION OF THE PITUITARY GLAND USEFUL FOR TREATMENT OF PROSTATIC HYPERTROPHY IN MAN. ERNEST PERRY MCCULLAGH, Cleveland, Ohio.
Filed October 23, 1947. Serial No. 513,893. PUBLISHED JUNE 8, 1948. Class 6.

502,606. COMPOUND IN PASTE FORM, FOR THE TREATMENT OF FOOT CORNS. ERNEST MCCLELLAND, doing business as Cornwaste Co., Los Angeles, Calif.
Filed September 23, 1947. Serial No. 515,960. PUBLISHED JUNE 22, 1948. Class 6.

502,607. HYPO-ALLERGENIC PRODUCT DESIGNED AS A SUBSTITUTE FOR MILK IN CERTAIN CASES. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 5, 1947. Serial No. 516,938. PUBLISHED JUNE 15, 1948. Class 6.

502,608. SPECIALLY PREPARED PRODUCT FOR PREMATURE AND NEWBORN INFANTS, CONSISTING OF SKIMMED MILK, MALTOSE, DEXTRINS, CALCIUM CASEINATE, AND OILS, HOMOGENIZED AND SPRAY DRIED. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 5, 1947. Serial No. 516,939. PUBLISHED JUNE 15, 1948. Class 6.

502,609. FOOD PREPARATION COMPOSED OF NON-FAT MILK SOLIDS, CALCIUM CASEINATE, CARBOHYDRATE AND FLAVORING, IN POWDER FORM, TO BE ADDED TO OTHER FOOD INGREDIENTS OR MIXED WITH WATER TO PROVIDE A FOOD BEVERAGE. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 5, 1947. Serial No. 517,077. PUBLISHED JUNE 15, 1948. Class 46.

502,610. NUTRITIONAL SPRAY FOR PLANTS WHERE THERE IS A SOIL DEFICIENCY IN ZINC AND MANGANESE. THE KILGORE SEED COMPANY, Plant City, Fla.
Filed July 5, 1947. Serial No. 526,507. PUBLISHED JUNE 29, 1948. Class 6.

502,611. GRIT PASTE SOAP. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio.
Filed July 5, 1947. Serial No. 526,512. PUBLISHED JUNE 8, 1948. Class 4.

502,612. STEEL WAREHOUSE TRUCKS MANUALLY OPERATED AND MERELY FOR TRANSPORTING MERCHANDISE. ILLINOIS IRON & BOLT CO., Carpentersville, Ill.
Filed July 5, 1947. Serial No. 526,713. PUBLISHED JULY 6, 1948. Class 19.

502,613. SAL SODA AND MONOHYDRATED CARBONATE OF SODA. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,763. PUBLISHED JUNE 22, 1948. Class 6.

502,614. FLUXES EMPLOYED IN WELDING, BRAZING, SOLDERING AND HARD SURFACING OPERATIONS. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y.
Filed July 5, 1947. Serial No. 526,927. PUBLISHED JUNE 15, 1948. Class 6.

502,615. BICYCLES AND PARTS THEREOF—NAMELY, FREE WHEELS FOR BICYCLES, BICYCLE PEDALS, BICYCLE HUBS, BICYCLE BRAKES, AND BICYCLE HANDLE BARS. SALE & CO. (U. S. A.) INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,980. PUBLISHED JULY 6, 1948. Class 19.

502,616. LYE. H. M. SINCLAIR, JR., trustee for the partnership, The Sinclair Manufacturing Company, Toledo, Ohio.
Filed July 5, 1947. Serial No. 527,005. PUBLISHED JUNE 22, 1948. Class 6.

502,617. PORTLAND CEMENT. MARQUETTE CEMENT MANUFACTURING COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,192. PUBLISHED JUNE 1, 1948. Class 12.

502,618. IRREVERSIBLE COLLOID COATING MATERIALS FOR APPLYING TO METAL, ETC. THE JENNISON-WRIGHT CORPORATION, Toledo, Ohio.
Filed July 5, 1947. Serial No. 527,220. PUBLISHED JUNE 1, 1948. Class 12.

502,619. PROTECTIVE COATING AND/OR LUBRICANT COMPRISING ESSENTIALLY PETROLEUM HYDROCARBONS AND A SMALL AMOUNT OF A CORROSION INHIBITING CHEMICAL FOR PIPES, TANKS, WIRE ROPES, AND OTHER EQUIPMENT. THE PURE OIL COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,285. PUBLISHED JUNE 15, 1948. Class 6.

502,620. BICYCLES. MEAD CYCLE COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,341. PUBLISHED JULY 6, 1948. Class 19.

502,621. BICYCLES. MEAD CYCLE COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,342. PUBLISHED JULY 6, 1948. Class 19.

502,622. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed July 5, 1947. Serial No. 527,733. PUBLISHED JANUARY 27, 1948. Class 4.

502,623. SADDLES—NAMELY, SADDLES FOR BICYCLES, TRICYCLES AND MOTORCYCLES. THE TROXEL MANUFACTURING COMPANY, Elyria, Ohio.
Filed July 5, 1947. Serial No. 527,861. PUBLISHED JULY 6, 1948. Class 19.

502,624. CARBON PAPER, TYPEWRITER RIBBONS, AND INKED RIBBONS FOR WRITING MACHINES. THE NELSON-EISMANN COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,874. PUBLISHED JUNE 22, 1948. Class 11.

502,625. FIRE BRICK, REFRACTORY BRICK, REFRACTORY BLOCKS, REFRACTORY BODIES, REFRACTORY SHAPES, REFRACTORY TUBES, CERAMIC LAYING COMPOSITIONS, ETC. THE MASSILLON REFRACTORIES COMPANY, Tuscarawas Township, Stark County, Ohio.
Filed July 8, 1947. Serial No. 528,125. PUBLISHED JUNE 22, 1948. Class 12.

502,626. CORSETS, GIRDLES, AND FOUNDATION GARMENTS. CORSETRY, INC., New York, N. Y.
Filed July 16, 1947. Serial No. 528,699. PUBLISHED JUNE 8, 1948. Class 39.

502,627. MARINE PROPELLERS. FRANK E. THOMPSON, JR., doing business as The Thompson Engineering Co., Grand Rapids, Mich.
Filed July 17, 1947. Serial No. 528,825. PUBLISHED JULY 6, 1948. Class 19.

502,628. SOLDERING FLUXES. KESTER SOLDER COMPANY, Chicago, Ill.
Filed July 23, 1947. Serial No. 529,270. PUBLISHED JUNE 22, 1948. Class 6.

502,629. COMPOUNDS FOR HUMAN USE CONTAINING VARIOUS MINERALS SUCH AS CALCIUM AND PHOSPHORUS AND CONTAINING VARIOUS VITAMINS SUCH AS VITAMIN B_1 AND D, TO BE EATEN DRY OR TO BE MIXED WITH FOOD OR DRINK. MAKERS OF KAL, INC., Los Angeles, Calif.
Filed July 26, 1947. Serial No. 529,663. PUBLISHED JUNE 22, 1948. Class 6.

502,630. CERAMIC TILE FOR CONSTRUCTION PURPOSES. DALLAS CERAMIC COMPANY, Dallas, Tex.
Filed July 29, 1947. Serial No. 529,883. PUBLISHED JUNE 1, 1948. Class 12.

502,631. WOOL WASHING DETERGENT. LORRAINE COMPOUNDS INC., New York, N. Y., and Wilmington, Del., now by change of name Tern, Incorporated, a corporation of Delaware.
Filed August 6, 1947. Serial No. 530,651. PUBLISHED JUNE 22, 1948. Class 4.

502,632. METAL POLISH. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill.
Filed August 16, 1947. Serial No. 531,630. PUBLISHED JULY 6, 1948. Class 4.

502,633. PERFUME AND TALC POWDER. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed August 20, 1947. Serial No. 531,890. PUBLISHED JUNE 29, 1948. Class 6.

502,634. COMBINED HAND TRUCKS AND HOSE REELS. MORRONE MFG. CO., Westerly, R. I.
Filed August 27, 1947. Serial No. 532,624. PUBLISHED JULY 6, 1948. Class 19.

502,635. ROOF CEMENT FOR CLOSING AND PREVENTING LEAKS IN ROOFING. STELWAGON MANUFACTURING COMPANY, Philadelphia, Pa.
Filed August 27, 1947. Serial No. 532,652. PUBLISHED JUNE 22, 1948. Class 12.

502,636. FELT ROOFING. STELWAGON MANUFACTURING COMPANY, Philadelphia, Pa.
Filed August 27, 1947. Serial No. 532,654. PUBLISHED JUNE 22, 1948. Class 12.

502,637. PLAYING CARDS. FORCOLAR INC., New York, N. Y.
Filed August 29, 1947. Serial No. 532,819. PUBLISHED JUNE 22, 1948. Class 22.

502,638. DETERGENT COMPOUND FOR WASHING AND CLEANING TEXTILE FABRICS. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich.
Filed September 2, 1947. Serial No. 533,105. PUBLISHED JULY 6, 1948. Class 4.

502,639. DETERGENT COMPOUND FOR WASHING AND CLEANING TEXTILE FABRICS. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich.
Filed September 2, 1947. Serial No. 533,106. PUBLISHED JULY 6, 1948. Class 4.

502,640. COACHES, BUSSES, MOTOR VEHICLES FOR PULLING SEMI-TRAILERS FOR CARRYING PASSENGERS AND SEMI-TRAILERS FOR CARRYING PASSENGERS. TRANSICOACH, INC., Richmond, Ind.
Filed September 3, 1947. Serial No. 533,213. PUBLISHED JULY 6, 1948. Class 19.

502,641. STAMP PADS AND RUBBER STAMP INK. FULTON SPECIALTY CO., Elizabeth, N. J.
Filed September 4, 1947. Serial No. 533,294. PUBLISHED JUNE 8, 1948. Class 11.

502,642. INTERNAL ARCH-SUPPORTS AND EXTERNAL ARCH-SUPPORTS. TRIMFOOT COMPANY, Farmington, Mo.
Filed September 4, 1947. Serial No. 533,422. PUBLISHED JUNE 8, 1948. Class 44.

502,643. ARTIFICIAL TEETH. UNIVERSAL DENTAL COMPANY, Philadelphia, Pa.
Filed September 5, 1947. Serial No. 533,649. PUBLISHED JUNE 22, 1948. Class 44.

502,644. WATERLESS HAND CLEANER. RABY BROTHERS, York, Pa.
Filed September 10, 1947. Serial No. 534,051. PUBLISHED JULY 6, 1948. Class 4.

502,645. FISH LURES. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed September 11, 1947. Serial No. 534,128. PUBLISHED JULY 6, 1948. Class 22.

502,646. FISH LURES. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed September 11, 1947. Serial No. 534,129. PUBLISHED JULY 6, 1948. Class 22.

502,647. PREPARATION IN POWDERED FORM TO BE USED AS A BLEACH AND STAIN REMOVER IN WASHING CLOTHES, SINKS, REFRIGERATORS, ETC., AND ALSO AS A GENERAL DISINFECTANT OR DEODORANT. KALEEN CHEMICAL CORP., Brooklyn, N. Y.
Filed September 11, 1947. Serial No. 534,148. PUBLISHED JUNE 29, 1948. Class 6.

502,648. LUMBER, PLYWOOD, MILLWORK AND MOULDING. PIEDMONT PINE CORPORATION, Aiken, S. C.
Filed September 12, 1947. Serial No. 534,337. PUBLISHED JUNE 29, 1948. Class 12.

502,649. LIQUID DRY CLEANING SOAP USED EXCLUSIVELY FOR CLEANING GARMENTS IN A NAPTHA BATH. ADCO, INC., Sedalia, Mo.
Filed September 17, 1947. Serial No. 534,711. PUBLISHED JULY 6, 1948. Class 4.

502,650. BRASSIÈRES. MODEL BRASSIERE CORP., Brooklyn, N. Y.
Filed September 17, 1947. Serial No. 534,799. PUBLISHED JUNE 8, 1948. Class 39.

502,651. METAL ROOFING AND ASPHALT ROOFING; ASPHALT-PLASTIC ROOF CEMENT. SOUTHERN STATES IRON ROOFING COMPANY, Savannah, Ga.
Filed September 24, 1947. Serial No. 535,639. PUBLISHED JUNE 29, 1948. Class 12.

502,652. CHEMICALS FOR SCOURING, FULLING, FELTING AND SOFTENING TEXTILES, ETC. QUAKER CHEMICAL PRODUCTS CORPORATION, Conshohocken, Pa.
Filed September 26, 1947. Serial No. 535,875. PUBLISHED JUNE 22, 1948. Class 6.

502,653. ARCH SUPPORTS. THE SCHOLL MFG. CO., INC., Chicago, Ill.
Filed September 26, 1947. Serial No. 535,879. PUBLISHED JUNE 22, 1948. Class 44.

502,654. COMPLEXION AND BATH SOAP. INDUSTRIAL SOAP COMPANY, St. Louis, Mo.
Filed September 29, 1947. Serial No. 536,090. PUBLISHED JUNE 22, 1948. Class 4.

502,655. COSMETICS AND BEAUTY PREPARATIONS, ETC. JACQUELINE COCHRAN, doing business as Jacqueline Cochran Cosmetics, Newark, N. J., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware.
Filed October 3, 1947. Serial No. 536,584. PUBLISHED JUNE 15, 1948. Class 6.

502,656. SOAPS. SALOMON FRERES, SOCIETE A RESPONSABILITE LIMITEE, Pantin, France.
Filed October 6, 1947. Serial No. 536,955. PUBLISHED JUNE 8, 1948. Class 4.

502,657. TOOTHBRUSHES. AVON PRODUCTS, INC., New York, N. Y.
Filed October 7, 1947. Serial No. 536,990. PUBLISHED JULY 6, 1948. Class 29.

502,658. CARBON BLACK FOR PRINTING AND LITHOGRAPHING INKS. GODFREY L. CABOT, INC., Boston, Mass.
Filed October 7, 1947. Serial No. 536,999. PUBLISHED JUNE 15, 1948. Class 11.

502,659. PERFUME, TOILET WATER, FACE POWDER, ROUGE, FACE CREAMS, PERFUMED SACHET POWDER, BATH SALTS, TALCUM POWDER, SMELLING SALTS, BREATH PASTILS, BRILLIANTINE. ETABLISSEMENTS RIGAUD INC., New York, N. Y.
Filed October 8, 1947. Serial No. 537,167. PUBLISHED JUNE 22, 1948. Class 6.

502,660. BROOMS, FLOOR, SCRUBBING, COUNTER, BOWL, HAND, BACK, BOTTLE, WINDOW, DAIRY, SHOE, HAIR, RADIATOR, SINK, VEGETABLE, WIRE, AND PAINT BRUSHES AND MOPS. MALDEN MOP & BRUSH CO., Everett, Mass.
Filed October 8, 1947. Serial No. 537,209. PUBLISHED JUNE 8, 1948. Class 29.

502,661. DRY CLEANING FLUIDS. RENUZIT HOME PRODUCTS CO., Philadelphia, Pa.
Filed October 8, 1947. Serial No. 537,244. PUBLISHED JUNE 8, 1948. Class 4.

502,662. SQUEEGEES AND PARTS THEREOF FOR WINDOW WASHERS. MORSE-STARRETT PRODUCTS COMPANY, Oakland, Calif.
Filed October 13, 1947. Serial No. 537,716. PUBLISHED JUNE 8, 1948. Class 29.

502,663. COUGH DROPS. LUDEN'S INC., Reading, Pa.
Filed October 15, 1947. Serial No. 537,912. PUBLISHED JULY 6, 1948. Class 6.

502,664. CARBON BLACK FOR PRINTING AND LITHOGRAPHING INKS. GODFREY L. CABOT, INC., Boston, Mass.
Filed October 17, 1947. Serial No. 538,094. PUBLISHED JUNE 15, 1948. Class 11.

502,665. WOMEN'S UNDERWEAR—NAMELY, UNDER PANTS. FAN ROY FASHIONS, New York, N. Y.
Filed October 17, 1947. Serial No. 538,116. PUBLISHED MAY 25, 1948. Class 39.

502,666. FACE POWDER, ROUGE, AND LIPSTICK. RICHARD HUDNUT, New York, N. Y.
Filed October 17, 1947. Serial No. 538,135. PUBLISHED JUNE 22, 1948. Class 6.

502,667. GENERAL TONIC AND BITTER STOMACHIC, RECTAL OINTMENT, SALVE FOR EXTERNAL USE, TABLETS FOR IRON DEFICIENCY, ANEMIA, ETC. PIERCE'S PROPRIETARIES, INC., Buffalo, N. Y.
Filed October 20, 1947. Serial No. 538,446. PUBLISHED JUNE 29, 1948. Class 6.

502,668. VEHICULAR TANKS, TRAILER TANKS, REFUSE TRUCK BODIES, COMPARTMENT TRUCK TANKS FOR GASOLINE AND MILK, ETC. THE HEIL CO., Milwaukee, Wis.
Filed October 22, 1947. Serial No. 538,637. PUBLISHED JULY 6, 1948. Class 19.

502,669. TOILET SOAP. B. ALTMAN & CO., New York, N. Y.
Filed October 23, 1947. Serial No. 538,700. PUBLISHED JUNE 8, 1948. Class 4.

502,670. RECONDITIONED AUTOMOBILES. BETTER CARS, INC., New York, N. Y.
Filed October 23, 1947. Serial No. 538,714. PUBLISHED JULY 6, 1948. Class 19.

502,671. WALLPAPER CLEANER. FEDERAL LABORATORIES, INC., Pittsburgh, Pa.
Filed October 23, 1947. Serial No. 538,740. PUBLISHED JUNE 8, 1948. Class 4.

502,672. WOMEN'S SLIPS. JOSIE LINGERIE, INC., New York, N. Y.
Filed October 23, 1947. Serial No. 538,771. PUBLISHED JUNE 8, 1948. Class 39.

502,673. FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,984. PUBLISHED MAY 25, 1948. Class 39.

502,674. FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,986. PUBLISHED JUNE 8, 1948. Class 39.

502,675. LEATHER AND FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,989. PUBLISHED JUNE 8, 1948. Class 39.

502,676. FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,990. PUBLISHED JUNE 8, 1948. Class 39.

502,677. LEATHER AND FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,993. PUBLISHED JUNE 8, 1948. Class 39.

502,678. FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,994. PUBLISHED JUNE 8, 1948. Class 39.

502,679. FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,995. PUBLISHED JUNE 8, 1948. Class 39.

502,680. LEATHER AND FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,997. PUBLISHED JUNE 8, 1948. Class 39.

502,681. LEATHER AND FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,998. PUBLISHED JUNE 8, 1948. Class 39.

502,682. FABRIC AND SKIN GLOVES FOR MEN, WOMEN, AND CHILDREN. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 24, 1947. Serial No. 539,009. PUBLISHED JUNE 8, 1948. Class 39.

502,683. LIQUID DRY CLEANER. THE ATLANTIC REFINING COMPANY, Philadelphia, Pa.
Filed October 25, 1947. Serial No. 539,017. PUBLISHED JUNE 8, 1948. Class 4.

502,684. BLOOMERS, PANTIES, PANTALETS, STEPINS, DRAWERS, MEN'S, WOMEN'S AND CHILDREN'S UNDERSUITS, UNION SUITS, ETC. BLOSSOM PRODUCTS CORPORATION, Allentown, Pa.
Filed October 25, 1947. Serial No. 539,021. PUBLISHED JUNE 8, 1948. Class 39.

502,685. SHOE SHINE KIT COMPRISING A BOX WITH A FOOT STAND FITTED WITH POLISH, DAUBERS, BRUSHES, AND POLISHING CLOTHS. KNOMARK MANUFACTURING CO., INC., Brooklyn, N. Y.
Filed October 27, 1947. Serial No. 539,176. PUBLISHED JUNE 8, 1948. Class 4.

502,686. CONCENTRATED SCRUB SOAP. THE C. B. DOLGE COMPANY, Westport, Conn.
Filed October 28, 1947. Serial No. 539,291. PUBLISHED JUNE 8, 1948. Class 4.

502,687. HAIRNETS. HAIRNET CORPORATION OF AMERICA, New York, N. Y.
Filed October 28, 1947. Serial No. 539,319. PUBLISHED JUNE 8, 1948. Class 39.

502,688. ACOUSTICAL AND SOUND ABSORBING PLASTER. THE CLEVELAND GYPSUM COMPANY, Cleveland, Ohio.
Filed October 29, 1947. Serial No. 539,393. PUBLISHED JUNE 29, 1948. Class 12.

502,689. STEEL BUILDINGS, PORTABLE AND SECTIONAL BUILDINGS, AIRPLANE HANGARS, SUB-STATION STRUCTURES, RADIO TOWERS, FLOODLIGHT TOWERS, FLARE TOWERS. INTERNATIONAL DERRICK & EQUIPMENT COMPANY, Columbus, Ohio.
Filed October 29, 1947. Serial No. 539,420. PUBLISHED JUNE 22, 1948. Class 12.

502,690. WALLPAPER CLEANER. OMAR H. SCHNELLE, doing business as Sho Products Company, Columbus, Ohio.
Filed October 29, 1947. Serial No. 539,444. PUBLISHED JUNE 22, 1948. Class 4.

502,691. COMPOSITION FOR TREATMENT OF CELLULOSE YARNS WHICH IS IN LIQUID EMULSION FORM AND OF WHICH THE ACTIVE INGREDIENTS ARE MAINLY FATS AND WAXES. SOUTHERN SIZING COMPANY, Atlanta, Ga.
Filed October 29, 1947. Serial No. 539,450. PUBLISHED JUNE 8, 1948. Class 6.

502,692. DYESTUFFS. ALLIED CHEMICAL & DYE CORPORATION, New York, N. Y.
Filed October 30, 1947. Serial No. 539,469. PUBLISHED JUNE 15, 1948. Class 6.

502,693. DYESTUFFS. ALLIED CHEMICAL & DYE CORPORATION, New York, N. Y.
Filed October 30, 1947. Serial No. 539,470. PUBLISHED JUNE 15, 1948. Class 6.

502,694. POWERED BOATS—NAMELY, MOTOR LAUNCHES OF THE CRUISER TYPE FOR THE TRANSPORTATION OF PASSENGERS. EQUITABLE EQUIPMENT COMPANY, INC., New Orleans, La.
Filed October 31, 1947. Serial No. 539,681. PUBLISHED JULY 6, 1948. Class 19.

502,695. TOILET SOAPS. LES PARFUMS DE DANA, INC., New York, N. Y.
Filed November 3, 1947. Serial No. 539,963. PUBLISHED JULY 6, 1948. Class 4.

502,696. LADIES' AND MISSES' DRESSES. NELLY-ANN DRESS CO., Chicago, Ill.
Filed November 5, 1947. Serial No. 540,197. PUBLISHED JUNE 8, 1948. Class 39.

502,697. YEAST CULTURES IN MINERAL OIL AND AGAR AGAR EMULSION FOR TREATMENT OF CONSTIPATION. OTIS E. GLIDDEN & CO., INCORPORATED, Evanston, Ill.
Filed November 8, 1947. Serial No. 540,540. PUBLISHED JULY 6, 1948. Class 6.

502,698. HECTOGRAPH CARBON PAPER. DITTO, INCORPORATED, Chicago, Ill.
Filed November 13, 1947. Serial No. 540,984. PUBLISHED JUNE 15, 1948. Class 11.

502,699. ACTIVATED ERGOSTEROL, AN ANTIRACHITIC SUBSTANCE CONTAINING VITAMIN D. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 22, 1947. Serial No. 541,754. PUBLISHED JUNE 29, 1948. Class 6.

502,700. PRINTING AND LITHOGRAPHING INKS. W. D. WILSON PRINTING INK CO. LTD., Long Island City, N. Y.
Filed November 25, 1947. Serial No. 542,383. PUBLISHED JUNE 8, 1948. Class 11.

502,701. TRAILERS OF THE TWO WHEEL, TILT BED TYPE. MEILI-BLUMBERG CORPORATION, New Holstein, Wis.
Filed November 28, 1947. Serial No. 542,610. PUBLISHED JULY 6, 1948. Class 19.

502,702. AUTOMOBILES. TED'S MOTORS, INC., Maplewood, Mo.
Filed December 1, 1947. Serial No. 542,892. PUBLISHED JULY 6, 1948. Class 19.

502,703. DYESTUFFS. GEIGY COMPANY, INC., New York, N. Y.
Filed December 3, 1947. Serial No. 543,174. PUBLISHED JUNE 22, 1948. Class 6.

502,704. DERMATO-THERAPEUTIC MEDICATION. DOAK COMPANY, INCORPORATED, Cleveland, Ohio.
Filed December 10, 1947. Serial No. 543,905. PUBLISHED JUNE 29, 1948. Class 6.

502,705. MEDICINAL FEEDING PREPARATION AND VITAMIN CONCENTRATE IN DRY GRANULAR OR POWDERED FORM USED WITH AND ADDED TO POULTRY FOOD, BIRD FOOD, ANIMAL AND LIVESTOCK FOOD. NUTRITIONAL RESEARCH ASSOCIATES, INC., South Whitley, Ind.
Filed December 12, 1947. Serial No. 544,183. PUBLISHED JUNE 8, 1948. Class 6.

502,706. RAZOR STROPS AND HONES. UNION CUTLERY COMPANY, INC., Olean, N. Y.
Filed December 12, 1947. Serial No. 544,225. PUBLISHED JUNE 8, 1948. Class 4.

502,707. STARCH. WORTHINGTON FOODS, INC., Worthington, Ohio.
Filed December 13, 1947. Serial No. 544,311. PUBLISHED JUNE 22, 1948. Class 6.

502,708. INTRAVENOUS SOLUTION FOR THE TREATMENT OF DIARRHEA IN INFANTS. CUTTER LABORATORIES, Berkeley, Calif.
Filed December 15, 1947. Serial No. 544,330. PUBLISHED JUNE 22, 1948. Class 6.

502,709. REAGENT TABLET FOR THE PURPOSE OF DETECTING ACETONE IN URINE, BLOOD, MILK AND OTHER BODY FLUIDS. AMES COMPANY, INC., Elkhart, Ind.
Filed December 18, 1947. Serial No. 544,683. PUBLISHED JUNE 22, 1948. Class 6.

502,710. PHYSIOLOGIC LAXATIVE FOR THE TREATMENT OF ACUTE AND CHRONIC CONSTIPATION. AMES COMPANY, INC., Elkhart, Ind.
Filed December 18, 1947. Serial No. 544,684. PUBLISHED JUNE 15, 1948. Class 6.

502,711. PREPARATION FOR USE AS AN INDICATOR FOR DETERMINING THE PRESENCE OR ABSENCE OF SUGAR IN URINE. AMES COMPANY, INC., Elkhart, Ind.
Filed December 18, 1947. Serial No. 544,685. PUBLISHED JUNE 15, 1948. Class 6.

502,712. COMPOUND, LITHIUM OXYQUINOLINATE. BENZOL PRODUCTS COMPANY, Newark, N. J.
Filed December 18, 1947. Serial No. 544,692. PUBLISHED JULY 6, 1948. Class 6.

502,713. ANTISKINNING PRODUCTS USED IN THE MANUFACTURE OF PAINTS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,811. PUBLISHED JULY 6, 1948. Class 6.

502,714. CHEMICAL PRODUCTS USED AS DISINFECTANT BASES, ETC. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,812. PUBLISHED JULY 6, 1948. Class 6.

502,715. NORMALLY LIQUID ORGANIC CHEMICAL PRODUCTS, ETC. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,813. PUBLISHED JULY 6, 1948. Class 6.

502,716. CHEMICAL PRODUCTS USED AS A PERFUME INGREDIENT. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,814. PUBLISHED JULY 6, 1948. Class 6.

502,717. CHEMICAL PRODUCT USED AS PERFUME INGREDIENT. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,815. PUBLISHED JULY 6, 1948. Class 6.

502,718. DYE-CONTAINING LIQUIDS USED IN COSMETIC COMPOSITIONS—NAMELY, CHEEK- AND LIP-COLORING PREPARATIONS AND THE LIKE. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,817. PUBLISHED JULY 6, 1948. Class 6.

502,719. ODORIFEROUS LIQUID MATERIAL, PERFUME BASE. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,818. PUBLISHED JULY 6, 1948. Class 6.

502,720. ODORIFEROUS MATERIAL, ODORANTS FOR TEXTILES AND RUBBER GOODS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,819. PUBLISHED JULY 6, 1948. Class 6.

502,721. ODORIFEROUS MATERIAL, ODORANTS FOR SPRAYS AND INSECTICIDES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,820. PUBLISHED JULY 6, 1948. Class 6.

502,722. SOLVENT, PERFUME INGREDIENT. GIVAUDAN DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,821. PUBLISHED JULY 6, 1948. Class 6.

502,723. ODORIFEROUS LIQUID MATERIAL, SOAP BASE PERFUMES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,822. PUBLISHED JULY 6, 1948. Class 6.

502,724. ODORIFEROUS LIQUID MATERIAL, PERFUMES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,823. PUBLISHED JULY 6, 1948. Class 6.

502,725. ODORIFEROUS LIQUID MATERIAL, PERFUMES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,824. PUBLISHED JULY 6, 1948. Class 6.

502,726. ODORIFEROUS LIQUID MATERIAL, ODORANT FOR TEXTILE GOODS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,825. PUBLISHED JULY 6, 1948. Class 6.

502,727. ODORIFEROUS LIQUID MATERIAL, GENERAL ODORANTS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,826. PUBLISHED JULY 6, 1948. Class 6.

502,728. ODORIFEROUS LIQUID MATERIAL, GENERAL ODORANTS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,827. PUBLISHED JULY 6, 1948. Class 6.

502,729. AROMATIC MATERIAL USED AS ODORANT OR DEODORANT IN FLY SPRAYS AND INSECTICIDES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,828. PUBLISHED JULY 6, 1948. Class 6.

502,730. ODORIFEROUS LIQUID MATERIAL, SOAP BASE PERFUMES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,829. PUBLISHED JULY 6, 1948. Class 6.

502,731. AROMATIC MATERIAL USED AS A DEODORANT OR ODORANT, ETC. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,830. PUBLISHED JULY 6, 1948. Class 6.

502,732. AROMATIC MATERIAL USED AS A DEODORANT OR ODORANT, FOR EXAMPLE IN FLY SPRAYS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,831. PUBLISHED JULY 6, 1948. Class 6.

502,733. AROMATIC MATERIAL USED AS A DEODORANT OR ODORANT, FOR EXAMPLE IN FLY SPRAYS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,832. PUBLISHED JULY 6, 1948. Class 6.

502,734. ODORIFEROUS MATERIAL, ODORANTS FOR FLY SPRAYS AND INSECTICIDES. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,833. PUBLISHED JULY 6, 1948. Class 6.

502,735. ODORIFEROUS MATERIAL, SUITABLE FOR USE AS A FIXATIVE IN PERFUMES AND THE LIKE. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,834. PUBLISHED JULY 6, 1948. Class 6.

502,736. CHEMICAL PRODUCT USEFUL AS PERFUME INGREDIENT. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 544,835. PUBLISHED JULY 6, 1948. Class 6.

502,737. MEDICINAL PREPARATION OF BENZYL BENZOATE COMPOUND FOR TOPICAL USE IN THE TREATMENT OF SCABIES AND PEDICULOSIS. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed December 22, 1947. Serial No. 545,107. PUBLISHED JUNE 22, 1948. Class 6.

502,738. POMADE OINTMENT FOR THE HAIR AND SCALP. ROSE E. MCMOORE, Philadelphia, Pa.
Filed December 22, 1947. Serial No. 545,145. PUBLISHED JULY 6, 1948. Class 6.

502,739. LIQUID SHAMPOO AND COMPLEXION CREAM. CONTI PRODUCTS CORPORATION, Brooklyn, N. Y.
Filed October 2, 1947. Serial No. 547,403. PUBLISHED JUNE 15, 1948. Class 6.

502,740. NITROUS OXIDE, OXYGEN, CARBON DIOXIDE, OXYGEN-CARBON DIOXIDE, ETHYLENE, CYCLOPROPANE, HELIUM-OXYGEN, ETHYL CHLORIDE, AND HELIUM. THE OHIO CHEMICAL & MFG. CO., Cleveland, Ohio.
Filed January 22, 1948. Serial No. 547,758. PUBLISHED JUNE 29, 1948. Class 6.

502,741. MEDICINAL TABLETS FOR CAPILLARY FRAGILITY. NOVOCOL CHEMICAL MFG CO., INC., Brooklyn, N. Y.
Filed January 23, 1948. Serial No. 547,867. PUBLISHED JUNE 29, 1948. Class 6.

502,742. PERFUMES, TOILET WATERS, EAU DE COLOGNE, LIPSTICK, FACE POWDER, ROUGE AND FACE AND HAND CREAMS. REJANE, INC., New York, N. Y.
Filed January 24, 1948. Serial No. 547,941. PUBLISHED JULY 6, 1948. Class 6.

502,743. PERFUME, TOILET WATER, COLOGNE, ETC. BENARD & HONNORAT, doing business as Molinard, Grasse, France.
Filed January 30, 1948. Serial No. 548,314. PUBLISHED JUNE 29, 1948. Class 6.

502,744. PERFUMES, TOILET WATER, COLOGNE, ETC. BENARD & HONNORAT, doing business as Molinard, Grase, France.
Filed January 30, 1948. Serial No. 548,315. PUBLISHED JUNE 29, 1948. Class 6.

502,745. PERFUME, TOILET WATER, COLOGNE, ETC. BENARD & HORRORAT, doing business as Molinard, Grase, France.
Filed January 30, 1948. Serial No. 548,317. PUBLISHED JUNE 29, 1948. Class 6.

502,746. WATER SOLUBLE FAT, USED AS A SOFTENER FOR TEXTILE FABRICS AND AS A SOFTENER AND PLASTICIZER FOR STARCHES, DEXTRINE AND GUMS AS USED IN COTTON WARP SIZING. HAAS-MILLER CORPORATION, Philadelphia, Pa.
Filed February 18, 1948. Serial No. 550,041. PUBLISHED JUNE 29, 1948. Class 6.

502,747. PREPARATION INTENDED FOR USE IN THE TREATMENT OF BRONCHIAL SPASM SUCH AS IN ASTHMA, AND TREATMENT OF CONDITIONS REQUIRING IMMEDIATE DEPRESSOR EFFECT. ABBOTT LABORATORIES, North Chicago, Ill.
Filed February 20, 1948. Serial No. 550,197. PUBLISHDE JUNE 29, 1948. Class 6.

502,748. PREPARATION USED IN THE TREATMENT OF TUBERCULOSIS. SOUZA, SEABRA & CIA., LTDA., Rio de Janeiro, Brazil.
Filed February 20, 1948. Serial No. 550,268. PUBLISHED JUNE 29, 1948. Class 6.

Service Marks

502,749. PUMP SERVICE CONSISTING IN THE REPAIR, REMAKING OR REASSEMBLY OF PUMPS USED IN THE OIL INDUSTRY. EMSCO DERRICK & EQUIPMENT COMPANY, Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,208. PUBLISHED JULY 6, 1948. Class 55.

502,750. COMMERCIAL GALVANIZING SERVICE. EMSCO DERRICK & EQUIPMENT COMPANY, Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,223. PUBLISHED JULY 6, 1948. Class 55.

502,751. CHROMIUM PLATING SERVICE. DURO-CHROME OF CHICAGO, INC., Chicago, Ill.
Filed August 16, 1947. Serial No. 531,581. PUBLISHED JULY 13, 1948. Class 55.

502,752. CHEMICAL AND BACTERIOLOGICAL LABORATORY SERVICES. TRUESDAIL LABORATORIES, INC., Los Angeles, Calif.
Filed August 18, 1947. Serial No. 531,740. PUBLISHED JULY 13, 1948. Class 55.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

502,753. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) A. B. T. MANUFACTURING CORP., Chicago, Ill. Filed Jan. 16, 1948. Serial No. 484,380.

RIFLE SPORT

FOR AIR RIFLES.
Claims use since Mar. 1, 1945.

502,754. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) EDWIN E. BEALINER & CO., New York, N. Y. Filed June 17, 1948. Serial No. 489,639.

DOBBYTWILL

FOR COTTON GABARDINE CLOTH IN THE PIECE.
Claims use since April 1945.

502,755. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) UNITED HOSIERY MILLS CORPORATION, Chattanooga, Tenn. Filed Dec. 16, 1947. Serial No. 503,268.

Buster Brown

"Buster Brown" being the name of a fictional juvenile character, created by R. F. Outcault, which ran serially in a popular newspaper comic section during the early part of the twentieth century.
FOR DOLLS.
Claims use since Feb. 20, 1946.

502,756. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) NIVEL INTERNATIONAL CO., New York, N. Y. Filed Jan. 22, 1948. Serial No. 514,983.

SEW STYLISH

FOR TEXTILE FABRICS IN THE PIECE OF COTTON, RAYON, WOOL, WORSTED, PROTEIN FIBRES AND MIXTURES THEREOF.
Claims use since Nov. 18, 1946.

502,757. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) CROSCILL CURTAIN CO., INC., New York, N. Y. Filed May 19, 1948. Serial No. 515,258.

ACROSS THE SILLS
CROSCILL Curtains
ACROSS THE NATION

The drawing is lined for shading only. Applicant claims ownership of registration No. 380,816.
FOR WINDOW CURTAINS.
Claims use since Sept. 25, 1946.

502,758. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) HERBERT MANUFACTURING CO., INC., New York, N. Y. Filed Jan. 15, 1948. Serial No. 515,763.

LAUNDREASE

FOR RAYON PIECE GOODS.
Claims use since Jan. 6, 1944.

502,759. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) M. LOWENSTEIN & SONS, INC., New York, N. Y. Filed Jan. 16, 1948. Serial No. 516,298.

PICO PICO

FOR COTTON PIECE GOODS.
Claims use since Jan. 7, 1947.

502,760. (CLASS 39. CLOTHING.) JANEDALE HOSIERY MILLS, INC., Blackwood, N. J. Filed June 30, 1948. Serial No. 517,248.

Jane Dale

The name constituting the mark is purely fanciful.
FOR HOSIERY AND LADIES' UNDERWEAR.
Claims use since Nov. 1, 1946.

502,761. (CLASS 4. ABRASIVE, DETERGENT AND POLISHING MATERIALS.) ELMO SALES CORPORATION, Philadelphia, Pa. Filed Nov. 24, 1947. Serial No. 518,393.

Lord Baltimore

Applicant claims ownership of registration No. 430,491.
FOR SHAVING SOAP SOLD IN A BOWL.
Claims use since Jan. 8, 1946.

502,762. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAREY'S SANDWICH SHOP, Ithaca, N. Y. Filed Mar. 12, 1948. Serial No. 522,032.

TATERBURGER

FOR SANDWICHES.
Claims use since Aug. 16, 1946.

502,763. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) Louis E. MEYERS, doing business as Newton Optical Company, Newton, N. J. Filed Oct. 6, 1947. Serial No. 522,129.

Sun Setters

The lining in the drawing indicates the colors yellow and blue.
FOR SUN GLASSES.
Claims use since July 3, 1946.

502,764. (CLASS 39. CLOTHING.) NATHAN MANIS, New York, N. Y. Filed Dec. 8, 1947. Serial No. 524,405.

THE PERFECT MAID SLIP
Styled by MARNA.

FOR LADIES' AND MISSES' SLIPS AND NIGHT GOWNS.
Claims use since June 3, 1946.

502,765. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK MAPES JONES, Slidell, Ill. Filed July 6, 1948. Serial No. 533,317.

FENASEPTIC

FOR PREPARATION FOR THE TREATMENT OF CUTS, SORES AND OTHER OPEN WOUNDS.
Claims use since June 16, 1947.

502,766. (CLASS 39. CLOTHING.) LOUIS MEYERS & SON, INC., New York, N. Y. Filed June 17, 1948. Serial No. 534,171.

A PRODUCT OF
MEYERS MAKE
FOR THE WOMAN WHO KNOWS

FOR LADIES' AND MISSES' GLOVES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since Jan. 10, 1944.

502,767. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) DELTOX RUG COMPANY, Oshkosh, Wis. Filed Sept. 22, 1947. Serial No. 535,225.

all through the house · all through the year

FOR RUGS AND TEXTILE FLOOR MATS.
Claims use since Sept. 3, 1946.

502,768. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PENNSYLVANIA REFINING COMPANY, Butler, Pa. Filed May 15, 1948. Serial No. 536,281.

GUMOUT

FOR A SOLVENT PREPARATION USED FOR REMOVING GREASE, TAR, WAX, CARBON, PRINTER'S INK, GLUE, RUST, AND LIKE MATERIALS FROM METAL, GLASS, AND LIKE ARTICLES; FOR CLEANING PAINT FROM PAINT BRUSH BRISTLES AND OTHER ARTICLES; AND FOR MIXING WITH GASOLINE USED AS FUEL IN INTERNAL COMBUSTION ENGINES TO RELIEVE STICKY VALVES.
Claims use since Mar. 21, 1945.

502,769. (CLASS 39. CLOTHING.) LA TRIQUE BRASSIERES CO., New York, N. Y. Filed June 15, 1948. Serial No. 539,240.

Breathe Eze

FOR BRASSIÈRES.
Claims use since Jan. 13, 1939.

502,770. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROGERS EXTERMINATING COMPANY, Mobile, Ala. Filed Apr. 26, 1948. Serial No. 543,328.

ROGERS

FOR AN INSECTICIDE IN POWDER FORM.
Claims use since Mar. 15, 1947.

Collective Marks

502,771. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TRI-CITY VEGETABLE GROWERS, San Juan, Tex. Filed Mar. 15, 1948. Serial No. 529,833.

KILROY

FOR FRESH TOMATOES.
Claims use since Apr. 26, 1946.

TRADE-MARK REGISTRATIONS RENEWED

31,906. "MURESCO" ETC. AND REPRESENTATION OF AN ANCHOR. Registered Aug. 30, 1898. Benjamin Moore & Company, Brooklyn, N. Y. Re-renewed Aug. 30, 1948, to Benjamin Moore & Co., New York, N. Y., a corporation of New Jersey. WALL-FINISH. Class 16.

66,569. "D. W. CO." ETC. AND DESIGN. Registered Dec. 10, 1907. Detmer Woolen Company. Re-renewed Dec. 10, 1947, to Detmer, Bruner & Mason, Inc., New York, N. Y., a corporation of New York. COTTON AND WOOLEN PIECE GOODS. Class 42.

69,301. MURESCO. Registered June 2, 1908. Benjamin Moore & Company, Brooklyn, N. Y. Re-renewed June June 2, 1948, to Benjamin Moore & Co., New York, N. Y., a corporation of New Jersey. A DRY POWDER FOR NON-WASHABLE WALL FINISH. Class 16.

69,597. FLUFFS—MOQUET. Registered June 23, 1908. Felix Tempest Co., Los Angeles, Calif. Re-renewed June 23, 1948, to Dorothy K. Kerr, doing business as Felix Tempest Co., Brooklyn, N. Y. HAIR WASH. Class 6.

70,295. "BASKET BRAND" ETC. AND DESIGN. Registered Aug. 18, 1908. Rosenberg Bros. & Co., San Francisco, Calif., a corporation of California. Re-renewed Aug. 18, 1948. RAISINS. Class 46.

70,415. INVINCIBLE. Registered Aug. 25, 1908. Herman Kussy, Newark, N. J. Re-renewed Aug. 25, 1948, to Airline Foods Corporation, Long Island City, N. Y., a corporation of Delaware. CANNED FRUITS AND VEGETABLES, TAPIOCA, CORN STARCH AND EXTRACT OF VANILLA. Class 46.

70,860. BEAVER. Registered Oct. 13, 1908. Henry Disston & Sons, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania. Re-renewed Oct. 13, 1948. SAWS. Class 23.

71,242. REPRESENTATION OF A BUFFALO. Registered Nov. 10, 1908. Schoellkopf, Hartford & Hanna Company, Buffalo, N. Y. Re-renewed Nov. 10, 1948, to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York. ANILIN COLORING MATERIALS. Class 6.

71,789. "AMERICA'S CUP" AND DESIGN. Registered Dec. 15, 1908. Oakford & Fahnestock. Re-renewed Dec. 15, 1948, to The Oakford Company, Peoria, Ill., a corporation of Illinois. COFFEE. Class 46.

71,831. "MANANTICO" AND REPRESENTATION OF A BAT AND BACKGROUND DESIGN. Registered Dec. 15, 1908. The Millville Manufacturing Company, Philadelphia, Pa., a corporation of New Jersey. Re-renewed Dec. 15, 1948. DYED COTTON PIECE GOODS. Class 42.

71,838. STRONGER THAN THE LAW. Registered Dec. 15, 1908. Roberts, Johnson & Rand Shoe Company. Re-renewed Dec. 15, 1948, to International Shoe Co., St. Louis, Mo., a corporation of Delaware. LEATHER BOOTS AND SHOES. Class 39.

71,949. BLUE RIBBON. Registered Dec. 22, 1908. Standard Glass Company. Re-renewed Dec. 22, 1948, to Foster-Forbes Glass Company, Marion, Ind., a corporation of Indiana. GLASS BOTTLES. Class 33.

71,983. MONARCH. Registered Dec. 29, 1908. Henry Disston & Sons, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania. Re-renewed Dec. 29, 1948. SAW SETS. Class 23.

72,174. SCHOMACKER. Registered Jan. 5, 1909. The Schomacker Piano Forte Manufacturing Co. Re-renewed Jan. 5, 1949, to John Wanamaker Philadelphia, Philadelphia, Pa., a corporation of Pennsylvania. PIANOS AND PIANOFORTES. Class 36.

72,383. NUNNALLY'S. Registered Jan. 19, 1909. The Nunnally Co., Atlanta, Ga., and Birmingham, Ala. Re-renewed Jan. 19, 1949, to Fine Products Corporation, Augusta, Ga., a corporation of Georgia. CANDY. Class 46.

139,697. LINCTUS COMP. Registered Feb. 8, 1921. Sharp & Dohme, Baltimore, Md. Renewed Jan. 5, 1948 (Supplemental Register), to Sharp & Dohme, Incorporated, Philadelphia, Pa., a corporation of Maryland. SEDATIVE EXPECTORANT. Class 6.

146,453. 'SACCHARETS'. Registered Sept. 6, 1921. Sharp & Dohme, Baltimore, Md. Renewed Jan. 5, 1948 (Supplemental Register), to Sharp & Dohme, Incorporated, Philadelphia, Pa., a corporation of Maryland. SUGAR SUBSTITUTE. Class 46.

177,748. REPRESENTATION OF A MAN AT A LOOM. Registered Dec. 25, 1923. Linnenfabrieken E. J. F. Van Dissel & Zonen, Eindhoven, Netherlands, a limited liability company organized under the laws of the Kingdom of the Netherlands. Renewed Dec. 25, 1943 (as provided by P. L. 517, July 17, 1946). LINEN, HALF-LINEN, AND COTTON FABRICS. Class 42.

182,655. "ROYALE" ETC. AND DRAWING. Registered Apr. 15, 1924. Eau de Colognefabriek J. C. Boldoot N. V., Amsterdam, Netherlands, a limited liability company of the Kingdom of the Netherlands. Renewed Apr. 15, 1944 (as provided by P. L. 517, July 17, 1946). PERFUMERY. Class 6.

197,944. "CIMENT FONDU" ETC. AND DRAWING. Registered Apr. 28, 1925. Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Viviers, Ardeche, France. Renewed Apr. 28, 1945 (as provided by P. L. 517, July 17, 1946), to Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Paris, France, a company organized under the laws of the Republic of France. LIME AND CEMENT. Class 12.

201,734. "CIMENT FONDU FRANCE" ETC. AND CIRCULAR DESIGN. Registered Aug. 4, 1925. Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Viviers, Ardeche, France. Renewed Aug. 4, 1945 (as provided by P. L. 517, July 17, 1946), to Societe Anonyme des Chaux et Ciments de Lafarge et du Teil, Paris, France, a company organized under the laws of the Republic of France. LIME AND CEMENT. Class 12.

234,022. "DOUBLE CORDON" AND DESIGN LINED FOR RED AND GREEN. Registered Oct. 18, 1927. Societe Vinicole de Champagne, Paris, France. Renewed Oct. 18, 1947, to G. H. Mumm & Co., Societe Vinicole de Champagne Successeurs, Paris and Reims, France, a corporation organized under the laws of the Republic of France. CHAMPAGNE WINE. Class 47.

241,404. "NO-MAR" ETC. AND RECTANGULAR OUTLINE. Registered Apr. 24, 1928. Hillside Cotton Mills, trading as Valley Mills. Renewed Apr. 24, 1948, to Callaway Mills Company, La Grange, Ga., a corporation of Georgia. INDUSTRIAL WIPING CLOTHS. Class 29.

241,496. "TIONA" AND REPRESENTATION OF AN INDIAN'S HEAD. Registered May 1, 1928. Tiona Refining Company, Clarendon, Pa. Renewed May 1, 1948, to Tiona Petroleum Company, Philadelphia, Pa., a corporation of Delaware. ILLUMINATING OILS, MOTOR FUEL OILS, LUBRICATING OILS AND GREASES. Class 15.

241,991. AMIJEL. Registered May 8, 1928. Corn Products Refining Company, New York, N. Y., a corporation of New Jersey. Renewed May 8, 1948. POWDER FOR PREPARING COLD-WATER PASTE. Class 5.

241,992. "MOGUL" AND DESIGN. Registered May 8, 1928. Corn Products Refining Company, New York, N. Y., a corporation of New Jersey. Renewed May 8, 1948. CORE BINDER MADE OF STARCH. Class 5.

242,325. "KB" AND ARROW DESIGN. Registered May 22, 1928. Stora Kopparbergs Bergslags Aktiebolag, Falun, Sweden, a Swedish joint stock company. Renewed May 22, 1948. IRON AND STEEL IN BARS, BLOOMS, AND RINGS. Class 14.

242,812. "ATKINS-TUTTLE-TOOTH" ETC. AND DESIGN. Registered June 5, 1928. E. C. Atkins and Company, Indianapolis, Ind., a corporation of Indiana. Renewed June 5, 1948. CROSS CUT SAWS. Class 23.

243,628. LANGITE. Registered June 26, 1928. Cork Manufacturing Company Limited, London, England, a company organized under the laws of Great Britain. Renewed June 26, 1948. WASHERS, GASKETS, AND JOINTINGS, ALL IN THE NATURE OF PACKINGS. Class 35.

244,176. "WIZ" ENCLOSED BY CIRCULAR OUTLINE. Registered July 17, 1928. The Shellgram Company. Renewed July 17, 1948, to The Shellgram Company, Newark, N. J., a corporation of New Jersey. BIRD FOOD. Class 46.

244,179. SANTA YSABEL. Registered July 17, 1928. Royal Packing Co., Los Angeles, Calif., a corporation of California. Renewed July 17, 1948. CANNED PIMIENTOS MORRONES (RED SWEET PEPPERS), CANNED PEELED RED CHILE PEPPERS, CANNED PEELED GREEN CHILE PEPPERS. Class 46.

244,268. TEXT-O-METER. Registered July 17, 1928. Charles Nessler, doing business as C. Nestle Co., New York, N. Y. Renewed July 17, 1948, to The Nestle Lemur Company, Meriden, Conn., a corporation of Ohio. APPLIANCES FOR EXAMINING, TESTING, STRETCHING, AND CLASSIFYING HAIR. Class 26.

244,283. NIBBLING MACHINE. Registered July 17, 1928. Andrew C. Campbell, Incorporated, Waterbury, Conn. Renewed July 17, 1948, to American Chain and Cable Company, Inc., Bridgeport, Conn., a corporation of New York. MACHINES FOR CUTTING OR PUNCHING SHEET METAL. Class 23.

244,558. "TESORO" AND DESIGN. Registered July 24, 1928. Sam Tesoro, Chicago, Ill. Renewed July 24, 1948. SPICES AND FLAVORING EXTRACTS FOR FOODS. Class 46.

244,627. GLASCO. Registered July 24, 1928. Gustav Glaser Co., Inc., New York, N. Y. Renewed July 24, 1948, to Gustav Glaser Co., Inc., Paterson, N. J., a corporation of New Jersey. PORTABLE SANITARY PROOF BOXES, STORAGE BINS, COMPARTMENT RACKS, STORAGE AND SHIPPING BOXES, ETC. Class 2.

244,647. DURAGLAS. Registered July 24, 1928. American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts. Renewed July 24, 1948. GOGGLES AND PARTS THEREOF FOR THE PROTECTION OF THE EYE AGAINST DUST, GLARE, CINDERS, AND FLYING PARTICLES. Class 26.

244,768. ALL AMERICAN. Registered July 24, 1928. John Kohlmann, Beaver Falls, Pa. Renewed July 24, 1948. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. Class 45.

244,855. TORLONA. Registered July 31, 1928. Forstmann & Huffmann Company. Renewed July 31, 1948, to Forstmann Woolen Company, Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

244,918. "I. ROKEACH & SONS" ETC. AND DESIGN. Registered July 31, 1928. I. Rokeach & Sons, Inc., Brooklyn, N. Y., a corporation of New York. Renewed July 31, 1948. HONEY. Class 46.

245,235. DURATWIST. Registered Aug. 7, 1928. Hickey-Freeman Company, Rochester, N. Y., a corporation of New York. Renewed Aug. 7, 1948. MEN'S TOPCOATS, AND MEN'S SUITS COMPRISING COATS, VESTS, AND TROUSERS. Class 39.

245,267. UPLAND LAKE. Registered Aug. 7, 1928. Upland Lemon Growers Association, Upland, Calif., a corporation of California. Renewed Aug. 7, 1948. FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. Class 46.

245,370. CELLEEN. Registered Aug. 14, 1928. National Cellulose Corporation, New York, N. Y. Renewed Aug. 14, 1948, to National Cellulose Corporation, Baldwinsville, N. Y., a corporation of New York. CELLULOSE WADDING IN BULK AND PAD FORM AS A FILLER FOR SANITARY NAPKINS, ETC. Class 1.

245,446. FLOMINE. Registered Aug. 14, 1928. Arnold Louis van Ameringen. Renewed Aug. 14, 1948, to van Ameringen-Haebler, Inc., New York, N. Y., a corporation of New York. ESSENCES OF PERFUMES, ESSENCES FOR PERFUMERY MATERIALS, AROMATIC MATERIALS, ETC. Class 6.

245,478. TEREK CLOTH. Registered Aug. 14, 1928. Athol Manufactnring Company, Athol, Mass., a corporation of Massachusetts. Renewed Aug. 14, 1948. WOVEN FABRICS OF COTTON IMPREGNATED WITH PYROXYLIN SOLUTION. Class 42.

245,510. SHAVEASY. Registered Aug. 14, 1928. Paul Peter Mülhens, doing business as Eau de Cologne- & Parfümerie Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne, Germany. Vested in Attorney General of the United States, Washington, D. C., and renewed to him Aug. 14, 1948. EAU DE COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, ETC. Class 6.

245,548. LANGITE. Registered Aug. 14, 1928. Cork Manufacturing Company Limited, London, England, a company organized under the laws of Great Britain. Renewed Aug. 14, 1948. MATS FOR MOTOR VEHICLES. Classes 19 and 50.

245,589. HEXAHELIX. Registered Aug. 14, 1928. Andrew M. Fairlie, Atlanta, Ga. Renewed Aug. 14, 1948. HOLLOW BLOCKS USED AS FILLING OR PACKING MATERIAL FOR CHEMICAL TOWERS OR REACTION SPACES. Class 12.

245,595. "TWIN ANCHOR BRAND" AND LABEL DESIGN. Registered Aug. 14, 1928. Manhattan Terrazzo Brass Strip Company, Inc., New York, N. Y., a corporation of New York. Renewed Aug. 14, 1948. STRIPS FOR TERRAZZO FLOORING. Class 12.

245,648. "FB" AND DESIGN. Registered Aug. 21, 1928. Frackman Bros., New York, N. Y., a firm. Renewed Aug. 21, 1948. FINGER AND EAR RINGS, BRACELETS, SCARF PINS, BAR PINS, AND PENDANTS. Class 28.

245,677. "DEERFIELD" ETC. AND DESIGN. Registered Aug. 21, 1928. E. P. Porcher. Renewed Aug. 21, 1948, to Adrienne R. Earnhardt, Successor Trustee of the Estate of E. P. Porcher, deceased, Cocoa, Fla. FRESH CITRUS FRUITS. Class 46.

245,678. "DEERFIELD GROVES" AND REPRESENTATION OF DEER HEAD AND CIRCULAR DESIGN. Registered Aug. 21, 1928. E. P. Porcher. Renewed Aug. 21, 1948, to Adrienne R. Earnhardt, Successor Trustee of the Estate of E. P. Porcher, deceased, Cocoa, Fla. FRESH CITRUS FRUITS. Class 46.

245,916. "KITCHEN QUEEN" AND REPRESENTATION OF A WOMAN COOKING. Registered Aug. 28, 1928. Aunt Nellie's Farm Kitchen, Inc., Hartford, Wis. Renewed Aug. 28, 1948, to Aunt Nellie's Farm Kitchen, Inc., Clyman, Wis., a corporation of Wisconsin. CANNED PEAS, CANNED CORN, CANNED BEETS, CANNED BEANS, AND CANNED EVAPORATED MILK. Class 46.

246,129. MI 31. Registered Sept. 4, 1928. United Drug Company, Boston, Mass. Renewed Sept. 4, 1948, to Rexall Drug Company, Los Angeles, Calif., a corporation of Delaware. ANTISEPTIC, DEODORIZING, OR PROPHYLACTIC SOLUTION. Class 6.

246,175. THE GANG. Registered Sept. 4, 1928. Jacob Feinberg, doing business as J. F. Underwear Company. Renewed Sept. 4, 1948, to J. F. Underwear Company, Allentown, Pa., a corporation of Pennsylvania. CHILDREN'S ATHLETIC WAIST UNION SUITS MANUFACTURED FROM TEXTILE FABRIC, AND OUTER GARMENTS—NAMELY, CHILDREN'S WASH DRESSES, ETC. Class 39.

246,184. GOLD BOND. Registered Sept. 4, 1928. A. S. Goldman & Co. Inc. Renewed Sept. 4, 1948, to Abraham S. Goldman, New York, N. Y. NECKWEAR, MEN'S AND BOYS' FOUR-IN-HANDS, SPORT BOWS, BAND BOWS, ETC. Class 39.

246,236. UNION. Registered Sept. 4, 1928. The Union Fork & Hoe Company, Columbus, Ohio, a corporation of Ohio. Renewed Sept. 4, 1948. FISH FORKS, HAY-FORKS, CLOVER FORKS, HEADER FORKS, GRAIN FORKS, BARLEY FORKS, ETC. Class 23.

246,237. SPEEDY. Registered Sept. 4, 1928. The Union Fork & Hoe Company, Columbus, Ohio, a corporation of Ohio. Renewed Sept. 4, 1948. HAND WEEDERS. Class 23.

247,315. LADY WEST. Registered Sept. 25, 1928. Savoy Watch Co. Inc., New York, N. Y., a corporation of New York. Renewed Sept. 25, 1948. WATCHES, WATCHCASES, WATCH MOVEMENTS, AND PARTS THEREOF. Class 27.

247,432. JUNIOR. Registered Sept. 25, 1928. Whitehead Bros., Riverside, Calif. Renewed Sept. 25, 1948, to C. W. Kircher, doing business as North Hollywood Egg Farms, North Hollywood, Calif. EGGS. Class 46.

247,551. OLYMPIC. Registered Oct. 2, 1928. Coty, Inc., Wilmington, Del., and New York, N. Y. Renewed Oct. 2, 1948, to Coty, Inc., New York, N. Y., a corporation of Delaware. LIP ROUGE AND LIP STICKS. Class 6.

247,992. "BOEING" AND WING DESIGN. Registered Oct. 9, 1928. Boeing Airplane Company. Renewed Oct. 9, 1948, to Boeing Airplane Company, Seattle, Wash., a corporation of Delaware. AIRPLANES AND STRUCTURAL PARTS. Class 19.

248,071. TEREK CLOTH. Registered Oct. 16, 1928. Athol Manufacturing Company, Athol, Mass., a corporation of Massachusetts. Renewed Oct. 16, 1948. ARTIFICIAL LEATHER—NAMELY, SHEETING, DRILL, SATEEN, TWILL, MOLESKIN, AND THE LIKE COATED WITH PYROXYLIN COMPOUND. Class 42.

248,299. "POLYONE". Registered Oct. 16, 1928. Sté Ame M. Naef & Cie. Renewed Oct. 16, 1948, to Firmenich & Co., successors de la Société Anonyme M. Naef & Cie, Geneva, Switzerland, a corporation organized under the laws of the Confederation of Switzerland. ARTIFICIAL AND SYNTHETICAL PERFUMES, ESSENTIAL OILS. Class 6.

248,359. LEAHY NO-BLIND. Registered Oct. 16, 1928. The Deister Concentrator Company, Fort Wayne, Ind., a corporation of Indiana. Renewed Oct. 16, 1948 (Supplemental Register). VIBRATING SCREENS, USED FOR SEPARATING AND SIZING VARIOUS MATERIALS SUCH AS SAND, GRAVEL, ETC. Class 23.

248,512. HOUDAILLE. Registered Oct. 23, 1928. Houde Engineering Corporation, Buffalo, N. Y. Renewed Oct. 23, 1948, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan. AUTOMOBILE ACCESSORIES—NAMELY, SHOCK ABSORBERS. Class 19.

248,513. HOO-DYE. Registered Oct. 23, 1928. Houde Engineering Corporation, Buffalo, N. Y. Renewed Oct. 23, 1948, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan. AUTOMOBILE ACCESSORIES — NAMELY, SHOCK ABSORBERS. Class 19.

248,700. SENATOR. Registered Oct. 30, 1928. Meyer Berman, doing business as M. Berman & Son. Renewed Oct. 30, 1948, to M. Berman & Sons, New York, N. Y., a firm. TROUSERS FOR MEN OR BOYS. Class 39.

248,754. "SUNLITE" AND DESIGN. Registered Oct. 30, 1928. Superior Felt & Bedding Co. Renewed Oct. 30, 1948, to The Englander Company, Inc., Chicago, Ill., a corporation of Delaware. MATTRESSES. Class 32.

248,755. SEAPLANE. Registered Oct. 30, 1928. Atlanta Belting Company, Atlanta, Ga., a corporation of Georgia. Renewed Oct. 30, 1948. LEATHER BELTING. Class 35.

249,230. CELLEEN. Registered Nov. 13, 1928. National Cellulose Corporation, New York, N. Y. Renewed Nov. 13, 1948, to National Cellulose Corporation, Baldwinsville, N. Y., a corporation of New York. SANITARY NAPKINS, SURGICAL DRESSINGS, AND ABSORBENT CELLULOSE TISSUE USED FOR CLEANSING THE SKIN, REMOVING COLD CREAM, ETC. Classes 37 and 44.

249,318. CILEO. Registered Nov. 13, 1928. Luisa Bocchio, doing business as Louisa Bocchio & Co., Garfield, N. J. Renewed Nov. 13, 1948. SALVE FOR TREATMENT OF CANCER. Class 6.

249,398. ANNETTE'S PERFECT CLEANSER. Registered Nov. 13, 1928. Annette R. Jennings, doing business as Annette's Perfect Cleanser Co., Boston, Mass. Renewed Nov. 13, 1948, to Zonite Products Corporation, New York, N. Y., a corporation of Delaware. DRY-CLEANING COMPOSITION FOR FABRICS, FURS, AND FELTS. Class 4.

250,329. GRACEHEEL. Registered Dec. 4, 1928. The J. L. Hudson Company, Detroit, Mich., a corporation of Michigan. Renewed Dec. 4, 1948. HOSIERY. Class 39.

250,347. SABANA. Registered Dec. 4, 1928. Jackson Brewing Co., New Orleans, La., a corporation of Louisiana. Renewed Dec. 4, 1948. NONALCOHOLIC MALT CEREAL BEVERAGES. Class 48.

250,507. PANCRO. Registered Dec. 11, 1928. Max Factor, doing business as Max Factor & Co. Renewed Dec. 11, 1948, to Max Factor & Co., Los Angeles, Calif., a corporation of Delaware. THEATRICAL MAKE-UPS—NAMELY, GREASE PAINTS IN TUBES, LINING COLORS, ETC. Class 6.

250,508. PANCHROMATIC. Registered Dec. 11, 1928. Max Factor, doing business as Max Factor & Co. Renewed Dec. 11, 1948, to Max Factor & Co., Los Angeles, Calif., a corporation of Delaware. THEATRICAL MAKE-UPS—NAMELY, GREASE PAINTS IN TUBES, LINING COLORS, ETC. Class 6.

250,601. "KNIGHT-O-REST" AND RECTANGULAR DESIGN. Registered Dec. 11, 1928. Superior Felt & Bedding Co. Renewed Dec. 11, 1948, to The Englander Company, Inc., Chicago, Ill., a corporation of Delaware. MATTRESSES. Class 32.

250,624. TONTO. Registered Dec. 11, 1928. Arizona Citrus Growers, Phoenix, Ariz., a corporation of Arizona. Renewed Dec. 11, 1948. FRESH CITRUS FRUITS. Class 46.

250,655. "BRADLEY BRAND" AND DESIGN. Registered Dec. 11, 1928. Bradley Lumber Company of Arkansas, Warren, Ark., a corporation of Arkansas. Renewed Dec. 11, 1948. HARDWOOD FLOORING AND TRIM. Class 12.

250,673. "EBONY" AND DRAWING. Registered Dec. 11, 1928. Guittard Chocolate Co., San Francisco, Calif., a corporation of California. Renewed Dec. 11, 1948. CHOCOLATE AND COCOA AND CHOCOLATE COATING. Class 46.

250,676. "IDEAL" ETC. ENCLOSED BY OVAL DESIGN. Registered Dec. 11, 1928. Wm. Cameron & Co., Inc., Waco, Tex., a corporation of Texas. Renewed Dec. 11, 1948. FURNITURE—NAMELY, SIDEBOARDS, WINDOW SEATS, MIRRORS, BATHROOM CABINETS, ETC. Class 32.

250,691. "FEEN-A-MINT" AND DESIGN. Registered Dec. 11, 1928. Health Products Corporation. Renewed Dec. 11, 1948, to White Laboratories, Inc., Newark, N. J., a corporation of New Jersey. LAXATIVE CHEWING TABLETS. Class 6.

250,760. CROWN. Registered Dec. 18, 1928. Crown Willamette Paper Company. Renewed Dec. 18, 1948, to Crown Zellerbach Corporation, San Francisco, Calif., a corporation of Nevada. PAPERS CONSISTING OF SULPHITE, KRAFT, GROUND WOOD, MANILA, AND EXPRESS WRAPPING PAPER FOR WRAPPING AND PACKING MERCHANDISE OF COMMERCE, ETC. Class 37.

250,844. REPRESENTATION OF A LEAF. Registered Dec. 18, 1928. Fulmer & Gibbons. Renewed Dec. 18, 1948, to Fulmer & Gibbons, Inc., Philadelphia, Pa., a corporation of Pennsylvania. BRACELETS, BROOCHES, BAR PINS, SCARFPINS, AND RINGS MADE OF PRECIOUS METALS. Class 28.

250,966. "ORIENTAL TONIC" ETC. AND LABEL DESIGN. Registered Dec. 18, 1928. Lanman & Kemp, Inc. Renewed Dec. 18, 1948, to Lanman & Kemp-Barclay & Co. Incorporated, New York, N. Y., a corporation organized under the laws of New York. LIQUID TONIC FOR PRESERVING AND BEAUTIFYING THE HAIR. Class 6.

250,977. STERNCREST. Registered Dec. 18, 1928. Stern Brothers, New York, N. Y., a corporation of New York. Renewed Dec. 18, 1948. MEN'S, WOMEN'S, MISSES', AND CHILDREN'S CAPS, HATS; SHOES OF LEATHER, CALFSKIN, SATIN, BROCADE, SNAKESKIN, AND KID; ETC. Class 39.

251,026. JIMMIE DUGAN. Registered Dec. 25, 1928. Higginbotham-Bailey-Logan Company, Dallas, Tex., and New York, N. Y. Renewed Dec. 25, 1948, to Higginbotham Bailey Company, Dallas, Tex., a corporation of Texas. BOYS' DRESS SHIRTS, WORK SHIRTS, NEGLIGEE SHIRTS, BLOUSE SHIRTS, COLLARS, PANTS, SUITS, AND OVERALLS. Class 39.

251,212. FORMAID. Registered Jan. 1, 1929. Eula S. Standish, Providence, R. I. Renewed Jan. 1, 1949, to Formaid Co., Boston, Mass., a corporation of Massachusetts. BRASSIÈRES, BANDEAUX, AND CORSELETS. Class 39.

251,253. PYRIDIUM. Registered Jan. 1, 1929. The Pyridium Corporation, Nepera Park, N. Y. Renewed Jan. 1, 1949, to Pyridium Corporation, Yonkers, N. Y., a corporation of New York. MEDICINES FOR USE IN GERM INFECTIONS AND AS AN ANTISEPTIC. Class 6.

251,262. BETTER MAID. Registered Jan. 1, 1929. Donelson & Poston, Memphis, Tenn., a firm. Renewed Jan. 1, 1949. MATCHES. Class 9.

251,265. OH!-OH! Registered Jan. 1, 1929. Williamson Candy Company, Chicago, Ill., a corporation of Illinois. Renewed Jan. 1, 1949. CANDY. Class 46.

251,268. "LUCRATIVA" AND DRAWING. Registered Jan. 1, 1929. Manniello Bros. & Mayrsohn, Inc., New York, N. Y., a corporation of New York. Renewed Jan. 1, 1949. FRESH APPLES AND PEARS. Class 46.

251,283. BIG BOY. Registered Jan. 1, 1929. Donelson & Poston, Memphis, Tenn., a firm. Renewed Jan. 1, 1949. MATCHES. Class 9.

251,330. RECIPE. Registered Jan. 1, 1929. The Cracker Jack Co., Chicago, Ill., a corporation of Illinois. Renewed Jan. 1, 1949. CANDY. Class 46.

251,456. "UNION-PERFECT AS A CIRCLE" AND CIRCULAR DESIGN. Registered Jan. 8, 1929. The Union Fork & Hoe Company, Columbus, Ohio, a corporation of Ohio. Renewed Jan. 8, 1949. FISH FORKS, HAY-FORKS, CLOVER FORKS, HEADER FORKS, GRAIN FORKS, BARLEY FORKS, ETC. Class 23.

251,463. B & L. Registered Jan. 8, 1929. Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York. Renewed Jan. 8, 1949. OPHTHALMIC MOUNTINGS AND PARTS THEREOF. Class 26.

251,517. "ROMAN" AND REPRESENTATION OF ROMAN SOLDIER IN A CIRCULAR DESIGN. Registered Jan. 8, 1929. Roman Meal Company, Tacoma, Wash., a corporation of Washington. Renewed Jan. 8, 1949. CEREAL BREAKFAST FOOD, BREAD BISCUITS, COOKIES AND CRACKERS. Class 46.

251,528. "WASHBURN'S GOLD MEDAL" ETC. AND DESIGN. Registered Jan. 8, 1929. Washburn Crosby Company, assignor to General Mills, Inc. Renewed Jan. 8, 1949, to General Mills, Inc., Minneapolis, Minn., a corporation of Delaware. STOCK AND POULTRY FEED. Class 46.

251,531. ORTHOGON. Registered Jan. 8, 1929. Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York. Renewed Jan. 8, 1949. OPHTHALMIC LENSES. Class 26.

251,538. BETTER MAID. Registered Jan. 8, 1929. Donelson & Poston, Memphis, Tenn., a firm. Renewed Jan. 8, 1949. CIGARS. Class 17.

251,578. B & P. Registered Jan. 8, 1929. The Tropical Paint & Oil Company, Cleveland, Ohio, a corporation of Ohio. Renewed Jan. 8, 1949. ENAMEL IN THE NATURE OF PAINT. Class 16.

251,579. ZILLOY. Registered Jan. 8, 1929. The New Jersey Zinc Company, Newark, N. J. Renewed Jan. 8, 1949, to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey. ZINC-BASE ALLOY. Class 14.

251,622. OLYMPIC. Registered Jan. 8, 1929. James Lees & Sons Company, Bridgeport, Pa., a corporation of Pennsylvania. Renewed Jan. 8, 1949. YARNS. Class 43.

251,753. "BRIDE O' LOVE". Registered Jan. 15, 1929. Benjamin & Edward J. Gross Co., Inc., New York, N. Y., a corporation of New York. Renewed Jan. 15, 1949. FINGER RINGS AND MOUNTINGS THEREFOR. Class 28.

251,791. UNCLE BEN'S. Registered Jan. 15, 1929. Harrie D. Hussey, doing business as Dayton Liniment Company, Dayton, Ohio. Renewed Jan. 15, 1949. LINIMENT TO BE USED FOR AFFECTIONS OF THE SKIN AND MUSCLES OR THE LIKE AND AS AN ANTISEPTIC. Class 6.

251,982. "POSLAM" AND DESIGN. Registered Jan. 22, 1929. Emergency Laboratories, New York, N. Y. Renewed Jan. 22, 1949, to Block Drug Company, Inc., Jersey City, N. J., a corporation of New Jersey. SOAP. Class 4.

252,107. PAMELA. Registered Jan. 22, 1929. Stern Brothers, New York, N. Y., a corporation of New York. Renewed Jan. 22, 1949. TOILET SOAPS. CLASS 4.

TRADE-MARK REGISTRATIONS CANCELED

265,216. BRYTEX. Registered Dec. 17, 1929. Provident Chemical Works, St. Louis, Mo. CHEMICAL COMPOUND, AN ALKALI, IN THE FORM OF A DRY WHITE POWDER WHICH ACTS AS A DETERGENT AND SOLD IN BARRELS TO LAUNDRIES. Class 4. Canceled Aug. 26, 1948.

269,432. CIDER-NEKTAR AND DESIGN. Registered Apr. 8, 1930. Paul Schreiber and Son, New York, N. Y. HEALTH-BUILDING NONCEREAL AND MALTLESS NONALCOHOLIC BEVERAGE. Class 45. Canceled Aug. 26, 1948.

301,196. BOROLOY. Registered Feb. 21, 1933. Boron Alloy Tool Corporation, New York, N. Y. MACHINIST'S CUTTING, ABRADING, AND FORMING TOOLS, AND WIRE DIES. Class 23. Canceled Aug. 26, 1948.

385,998. SWEETHEART CUP. Registered Mar. 25, 1941. The Borden Company, New York, N. Y. ICE CREAM AND OTHER FROZEN CONFECTIONS. Class 46. Canceled Aug. 26, 1948.

397,195. GREEN LIGHT AND DESIGN. Registered Aug. 25, 1942. Florence C. Press, New Haven, Conn. HOSIERY AND UNDERWEAR FOR MEN, WOMEN, ETC. Class 39. Canceled Sept. 3, 1948.

404,440. TOUJENAIS. Registered Nov. 23, 1943. Benjamin Harris, Los Angeles, Calif. PERFUMES AND TOILET WATERS. Class 6. Canceled Aug. 26, 1948.

404,441. CHAMPION. Registered Nov. 23, 1943. Harvel Watch Company, New York, N. Y. WATCHES, WATCH-MOVEMENTS, WATCHCASES AND PARTS THEREOF. Class 27. Canceled Aug. 26, 1948.

414,860. APPLE ORCHARD AND DESIGN. Registered June 26, 1945. Leonard Gordon, Los Angeles, Calif. DEHYDRATED APPLES. Class 46. Canceled Aug. 26, 1948.

416,037. FRESH'N AIRE AND DESIGN. Registered Aug. 21, 1945. Belmont Laboratories, Chicago, Ill. HOUSEHOLD DEODORANT. Class 6. Canceled Aug. 26, 1948.

416,330. CHEE WEE. Registered Sept. 4, 1945. George Begley, Jr., Chicago, Ill. PERFUME AND COLOGNE. Class 6. Canceled Aug. 26, 1948.

417,784. SKIPPER'S. Registered Nov. 13, 1945. Skipper's Remedies, Portland, Oreg. SARCOPTIC MANGE MEDICINE FOR DOGS, ETC. Class 6. Canceled Aug. 26, 1948.

421,135. TRAV-EL-AWN AND DESIGN. Registered May 21, 1946. The Stansen Corporation, Chicago, Ill. LAWN SPRINKLER. Class 13. Canceled Aug. 26, 1948.

421,897. FRANKLIN'S BONDWOOD AND DESIGN. Registered June 18, 1946. The Franklin Glue Company, Columbus, Ohio. POWDERED WATER RESISTANT CASEIN GLUE. Class 5. Canceled Aug. 26, 1948.

422,313. MAKE OFF. Registered July 16, 1946. Cosmex Corp., New York, N. Y. SKIN LOTION OR WASH ADAPTED TO REMOVE STALE COSMETICS AND IMPURITIES FROM THE SKIN. Class 6. Canceled Aug. 26, 1948.

425,041. PAULA GAY. Registered Oct. 29, 1946. Allied Stores Corporation, Wilmington, Del., and elsewhere. CHILDREN'S COATS, SUITS, ETC. Class 39. Canceled Sept. 3, 1948.

429,745. SOLAR WITHIN CIRCLE. Registered May 13, 1947. Solar Electric Corporation, Warren, Pa. ELECTRICAL INCANDESCENT LAMPS, ETC. Class 21. Canceled Aug. 26, 1948.

430,809. OPTIM. Registered June 24, 1947. Julian Bronislaw de Knowski, London, England. CLOCKS. Class 27. Canceled Aug. 26, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

112,687. POPULAR SCIENCE MONTHLY. Registered Sept. 19, 1916. The Modern Publishing Company, New York, N. Y. MONTHLY MAGAZINE. Class 38. The drawing is hereby amended to appear as follows:

POPULAR SCIENCE
Monthly

131,868. EVERY-DAY. Registered May 25, 1920. Charles Edward Van Landingham, Los Angeles, Calif. CANNED SARDINES. Class 46. Corrected as follows: In the renewal certificate, lines 1, 2, 7, and 8, "French Sardine Company, Incorporated" should be *The French Sardine Company of California.*

212,264. RUBIDOUX. Registered Apr. 27, 1926. The Van Landingham Co., Los Angeles, Calif. CANNED FRUITS, CANNED VEGETABLES, AND CANNED FISH. Class 46. Corrected as follows: In the renewal certificate, line 1, "French Sardine Co." should be *The French Sardine Company of California.*

228,589. FRANCO. Registered June 7, 1927. Franco-Italian Packing Co., Inc., East San Pedro, Calif. CANNED FISH. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Co., Inc." should be *Franco-Italian Packing Company.*

237,918. SEA BOY. Registered Jan. 24, 1928. Franco-Italian Packing Co., Terminal Island, Calif. CANNED FISH. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Co." should be *Franco-Italian Packing Company.*

244,280. "BOHACK'S QUALITY STORES" ETC. AND CONCENTRIC CIRCLE DESIGN. Registered July 17, 1928. H. C. Bohack Co., Inc., Brooklyn, N. Y. CANNED FRUITS, CANNED VEGETABLES, HAMS, BACONS, FRANKFURTERS, SAUSAGES, AND OTHER NAMED FOOD ITEMS. Corrected as follows: In the renewal certificate, line 8, for "July 17, 1928" read *July 17, 1948.*

246,960. SWEET'S ENGINEERING CATALOGUE. Registered Sept. 18, 1928. F. W. Dodge Corporation, New York, N. Y. PERIODICAL PUBLISHED ANNUALLY. Class 38. The drawing is hereby amended to appear as follows:

Sweet's

298,451. *MISS PERT.* Registered Oct. 25, 1932. The H & W Company, Inc., Newark, N. J. BANDEAUX, BANDETTES, AND CORSETS. Class 39. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 and 2 of the statement; and in the printed signature to the statement, "The H & W Company, Inc." should be *The H & W Company.*

308,444. BAKER'S AND DESIGN. Registered Dec. 5, 1933. Baker Extract Company, Springfield, Mass. RHUBARB, SWEET OIL, GLYCERINE, LIQUID COLORS, ETC. Class 6. Amended as follows: In the statement, column 1, lines 10 and 11, "CAS-TOR OIL" is deleted.

324,289. PROPS. Registered May 14, 1935. The H & W Company, Inc., Newark, N. J. BRASSIERES AND CORSETS. Class 39. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "The H & W Company, Inc." should be *The H & W Company.*

329,321. M. C. P. Registered Oct. 22, 1935. Mutual Citrus Products Co., Inc., Anaheim, Calif. CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "Mutual Citrus Products Co., Inc." should be *Mutual Citrus Products Company.*

334,190. BAY SARDINES AND DESIGN. Registered Apr. 21, 1936. French Sardine Co., Inc., Terminal Island, Calif. CANNED SARDINES. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "French Sardine Co., Inc." should be *The French Sardine Company of California.*

367,961. GOLDEN GOBLET. Registered June 6, 1939. Mutual Citrus Products Co., Inc., Anaheim, Calif. FRESH CITRUS FRUITS. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "Mutual Citrus Products Co., Inc." should be *Mutual Citrus Products Company.*

374,481. PREDILECTA. Registered Jan. 9, 1940. French Sardine Co., Inc., Terminal Island, Calif. CANNED FISH. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "French Sardine Co., Inc." should be *The French Sardine Company of California.*

381,518. STAR-KIST AND DESIGN. Registered Sept. 24, 1940. French Sardine Company, Inc., Terminal Island, Calif. CANNED FISH—NAMELY, CANNED TUNA. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "French Sardine Company, Inc." should be *The French Sardine Company of California.*

382,494. OCEAN GIFT. Registered Oct. 29, 1940. Franco-Italian Packing Co., Inc., Terminal Island, Calif. CANNED FISH. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Co., Inc." should be *Franco-Italian Packing Company.*

384,554. PYRAMID TUNA FLAKES AND DESIGN. Registered Jan. 21, 1941. Franco-Italian Packing Co., Inc., Terminal Island, Calif. CANNED FISH—NAMELY, CANNED TUNA FLAKES. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Co., Inc."-should be *Franco-Italian Packing Company.*

386,565. SEA ACE. Registered Apr. 15, 1941. Franco-Italian Packing Corp., Terminal Island, Calif. FISH MEAL USED IN HEALTH RATION FOR POULTRY, ETC. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Corp." should be *Franco-Italian Packing Company.*

388,570. STAY WELL. Registered July 1, 1941. French Sardine Co., Inc., Terminal Island, Calif. CAT FOOD. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "French Sardine Co., Inc." should be *The French Sardine Company of California.*

402,099. BEV-ADE. Registered June 29, 1943. Mutual Citrus Products Co., Inc., Anaheim, Calif. POWDERED BEVERAGE BASE FOR MAKING NONALCOHOLIC BEVERAGES. Class 45. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "Mutual Citrus Products Co., Inc." should be *Mutual Citrus Products Company.*

407,947. GEM-OF-THE-SEA. Registered July 11, 1944. Franco-Italian Packing Corp., Terminal Island, Calif. CANNED FISH—NAMELY, CANNED TUNA. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Corp." should be *Franco-Italian Packing Company.*

408,701. BEV-ADE. Registered Aug. 29, 1944. Mutual Citrus Products Co., Inc., Anaheim, Calif. POWDERED FRUIT BASE FOR USE IN MAKING JELLIES, JAM, ETC. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in lines 1 and 2 of the statement; and in the printed signature to the statement, "Mutual Citrus Products Co., Inc." should be *Mutual Citrus Products Company.*

TRADE-MARK REGISTRATIONS—NEW CERTIFICATES

New Certificates issued under sections 7(c), 7(f), 7(g) of the Trade-Mark Act of 1946 for the unexpired term of the original registrations.

104,221. KNOX TWENTY AND DESIGN. Registered May 11, 1915. Knox Hat Company, Inc. HATS AND CAPS. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

170,820. VAGABOND. Registered July 24, 1923. Knox Hat Company, Inc. HATS FOR MEN, WOMEN AND CHILDREN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

176,268. QUALITY DE LUXE KNAPP-FELT AND DESIGN. Registered Nov. 20, 1923. The Crofut & Knapp Co. CAPS AND HATS OF FELT, STRAW, SILK, CLOTH, ETC. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

176,834. WANDERER. Registered Dec. 4, 1923. Dunlap & Co. HATS FOR MEN, WOMEN AND CHILDR[illegible] Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

180,056. METROPOLITAN. Registered Feb. 19, 1924. Dunlap & Co. STRAW HATS AND FELT HATS WORN BY MEN, WOMEN, AND CHILDREN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

220,944. KNAPP-FELT AND DESIGN. Registered Nov. 16, 1926. The Crofut & Knapp Co. CAPS AND HATS OF FELT, STRAW, ETC. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

234,609. CROSS COUNTRY. Registered Nov. 1, 1927. The Crofut & Knapp Co. HATS FOR MEN AND WOMEN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

246,280. MOVEO ET PROFICIO AND DESIGN. Registered Sept. 4, 1928. Knox Hat Company, Inc. HATS AND CAPS FOR MEN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

252,025. PREMIER.. Registered Jan. 22, 1929. Knox Hat Company, Inc. HATS AND CAPS FOR MEN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

260,849. KNOX. Registered Aug. 27, 1929. Knox Hat Company, Inc. FEATHER HAT ORNAMENTS; DECORATIVE HAT PIECES—NAMELY, BASE METAL PINS, ETC. Class 40. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

278,598. KNOX. Registered Dec. 23, 1930. Knox Hat Company, Inc. MEN'S LEATHER HATBOXES, LEATHER SUITCASES, ETC. Class 3. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

287,266. CHALFONT. Registered Sept. 15, 1931. The Crofut & Knapp Co. HEADWEAR—NAMELY, CAPS AND HATS FOR MEN AND WOMEN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

294,496. BERG AND DESIGN. Registered May 31, 1932. Hodshon-Berg, Incorporated. CAPS AND HATS FOR MEN AND WOMEN. Class 39. New certificate under section 7(c) issued Oct. 5, 1948, to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware.

319,923. POR-CAST VENEER. Registered Dec. 11, 1934. Elliott E. La Frienier. DENTAL GOLD AND PORCELAIN TEETH, ETC. Class 44. New certificate under section 7(c) issued Oct. 5, 1948, to Nu-Dent Porcelain Studio of California, Inc., Los Angeles, Calif., a corporation of California.

380,055. PRISMA AND DESIGN. Registered Aug. 6, 1940. Elliot E. La Frienier. PORCELAIN USED IN THE MANUFACTURE OF DENTAL RESTORATIONS. Class 44. New certificate under section 7(c) issued Oct. 5, 1948, to Nu-Dent Porcelain Studio of California, Inc., Los Angeles, Calif., a corporation of California.

383,952. PEGGY ANN. Registered Dec. 31, 1940. B. F. Mothershead. CANDIES. Class 46. New certificate under section 7(c) issued Oct. 5, 1948, to Sidney A. Inman, Des Moines, Iowa.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 95,673. Registered Mar. 3, 1914. A. B. SHUBERT, Chicago, Ill. Republished by A. B. Shubert Fur Co., Chicago, Ill., a corporation of Illinois.



The word "Shubert" per se is disclaimed apart from the mark as shown.

FOR RAW FURS.

Claims use since July 15, 1913.

Reg. No. 200,772. Registered July 7, 1925. CONSUMERS COMPANY, Chicago, Ill. Republished by Consumers Company, Chicago, Ill., a corporation of Delaware.



The words "Guaranteed Consumers Company Products" are disclaimed apart from the mark as shown. The drawing is lined to indicate the representation of the seal is red, although this particular color is not essential to the trade-mark.

FOR COAL, COKE, ICE, AND BUILDING MATERIALS—NAMELY, SAND, GRAVEL, ROUGH LIMESTONE, CRUSHED LIMESTONE AND LIMESTONE SCREENINGS.

Claims use since February 1913.

Reg. No. 252,054. Registered Jan. 22, 1929. THE CLEVELAND-CLIFFS IRON COMPANY, Cleveland, Ohio. Republished by The Cleveland-Cliffs Iron Company (1947), Cleveland, Ohio, a corporation of Ohio.

Winterking

FOR COAL.

Claims use since on or about Oct. 1, 1926.

Reg. No. 283,529. Registered June 2, 1931. THE FERRO ENGINEERING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

C & D

FOR PARTING COMPOUND—THAT IS TO SAY, A COATING APPLIED TO CERTAIN HOT TOP SURFACES TO ASSIST PARTING WHEN THE HOT TOP IS STRIPPED FROM THE INGOT.

Claims use since on or about Jan. 24, 1930.

Reg. No. 290,649. Registered Jan. 12, 1932. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

STRONGHOLD

FOR LACE LEATHER IN THE FORM OF SIDES.

Claims use since Mar. 9, 1931.

Reg. No. 302,640. Registered April 25, 1933. ED. F. MANGELSDORF & BROTHER, St. Louis, Mo. Republished by Ed. F. Mangelsdorf & Bro., Inc., St. Louis, Mo., a corporation of Missouri.



The words "Field," "Seed," and "Selected," also, "St. Louis," are disclaimed.

FOR FIELD SEEDS AND GRAIN SEEDS.

Claims use since on or about Sept. 1, 1919.

Reg. No. 316,136. Registered Aug. 14, 1934. THE CLEVELAND-CLIFFS IRON CO., Cleveland, Ohio. Republished by The Cleveland-Cliffs Iron Company, Cleveland, Ohio, a corporation of Ohio.

WINTERQUEEN

FOR COAL.

Claims use since 1933.

Reg. No. 335,131. Registered May 26, 1936. THE CLEVELAND-CLIFFS IRON CO., Cleveland, Ohio. Republished by The Cleveland-Cliffs Iron Company, Cleveland, Ohio, a corporation of Ohio.

ROBERTA

FOR COAL.
Claims use since Nov. 1, 1935.

Reg. No. 341,507. Registered Dec. 8, 1936. GODCHAUX SUGARS, INC., New Orleans, La., a corporation of New York. Republished by registrant.

Serwall

FOR POULTRY LITTER AND ANIMAL BEDDING, HORTICULTURAL MULCH AND LOW DENSITY PITH FOR EXPLOSIVES.
Claims use since June 29, 1935.

Reg. No. 378,142. Registered May 28, 1940. THE CLEVELAND CLIFFS IRON COMPANY, Cleveland, Ohio. Republished by The Cleveland-Cliffs Iron Company, Cleveland, Ohio, a corporation of Ohio.



The word "Coal" is disclaimed apart from the mark as shown.
FOR COAL.
Claims use since Sept. 10, 1935.

Reg. No. 378,143. Registered May 28, 1940. THE CLEVELAND-CLIFFS IRON COMPANY, Cleveland, Ohio. Republished by The Cleveland-Cliffs Iron Company, Cleveland, Ohio, a corporation of Ohio.

STOKEASE

FOR COAL.
Claims use since Sept. 8, 1936.

Reg. No. 408,633. Registered Aug. 22, 1944. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

CO-RO-LITE

FOR RESIN-IMPREGNATED) VEGETABLE FIBER MATERIAL IN SHEET FORM OR IN SHAPES CUT THEREFROM FOR MOLDING.
Claims use since Oct. 25, 1941.

Reg. No. 432,837. Registered Sept. 16, 1947. MONARCH LEATHER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VARSITY

FOR REAL LEATHER IN THE PIECE.
Claims use since Feb. 2, 1927.

Reg. No. 432,860. Registered Sept. 16, 1947. A. K. SALE COMPANY, Santa Cruz, Calif., a corporation of Delaware. Republished by registrant.



FOR HIDES AND LEATHER.
Claims use since Aug. 20, 1892.

Reg. No. 432,861. Registered Sept. 16, 1947. THE JOSEPH N. EISENDRATH COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ASBESTOL

FOR LEATHER ADAPTED BY A SPECIAL PROCESS TO THE MANUFACTURE OF GLOVES, SHOES AND OTHER ARTICLES OF WEARING APPAREL.
Claims use since Oct. 22, 1893.

CLASS 2

RECEPTACLES

Reg. No. 70,317. Registered Aug. 18, 1908. THE JACOB J. VOLLRATH MFG. CO., Sheboygan, Wis. Republished by The Vollrath Co., Sheboygan, Wis., a corporation of Wisconsin.

VOLLRATH

FOR ENAMELED METAL WARE CONSISTING OF BATH TUBS, BIGGINS, BOILERS, BOWLS, BUCKETS, CHAMBERS, CLOSETS, COVERS, COLANDERS, CUPS AND SAUCERS, CUSPIDORS, DIPPERS, SOAP AND VEGETABLE DISHES, FUNNELS, HAM BOILERS, KETTLES, LADLES, MUGS, PAILS, PANS, PITCHERS, PLATES, PLATTERS, POTS, SINKS, SKIMMERS, SPOONS, STRAINERS AND TRAYS.
Claims use since 1893.

Reg. No. 329,627. Registered Nov. 5, 1935. MORTON MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SAFE-WAY

FOR METAL CABINETS FOR PAPER TOILET SEAT COVERS.
Claims use since Jan. 26, 1934.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 229,365. Registered June 28, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

TANNATE

FOR HAME STRAPS AND HARNESS STRAPS (PLAIN).
Claims use since July 30, 1926.

Reg. No. 412,735. Registered Mar. 20, 1945. CAVENDISH TRADING CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

SPORTWAY

FOR HANDBAGS, WALLETS, PORTFOLIOS AND TRAVELLING CASES.
Claims use since Feb. 27, 1939.

Reg. No. 414,536. Registered June 12, 1945. CHARLES L. KING, New York, N. Y. Republished by registrant.



FOR BILLFOLDS, BRIEF CASES, TOILET CASES, CARD CASES, KEY CASES, POCKET BOOKS, WALLETS, LUGGAGE AND PORTFOLIO STRAPS.
Claims use since Dec. 22, 1944.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 108,210. Registered Jan. 18, 1916. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

FACIAL

FOR TOILET SOAPS.
Claims use since 1893.

Reg. No. 176,193. Registered Nov. 20, 1923. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

King

FOR SOAP.
Claims use since 1892.

Reg. No. 234,060. Registered Oct. 18, 1927. MARK W. ALLEN & CO., Detroit, Mich. Republished by Mark Allen Co., Detroit, Mich., a corporation of Michigan.

Prep

FOR SHAVING CREAM SOAPS, SHAVING SOAPS.
Claims use since May 6, 1927.

Reg. No. 401,517. Registered May 25, 1943. IDA JACKSON, New York, N. Y. Republished by registrant.

JACKSON'S
REVIVA

The name "Jackson's" is disclaimed apart from the mark as shown.
FOR PREPARATION FOR REMOVING SPOTS, AND LIQUOR, HEAT, WATER AND PAINT MARKS, AND FOR CLEANING FINISHED SURFACES.
Claims use since July 15, 1939.

Reg. No. 412,276. Registered Feb. 27, 1945. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CRYSCOAT

The notation "Coat" is disclaimed apart from the mark as shown.
FOR CLEANING PREPARATION INTENDED PRIMARILY FOR CLEANING METAL SURFACES.
Claims use since Aug. 10, 1944.

CLASS 5

ADHESIVES

Reg. No. 383,346. Registered Dec. 3, 1940. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



FOR ADHESIVE FRICTION TAPE.
Claims use since about 1916.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 28,564. Registered July 7, 1896. EDWARD PRITCHARD, New York, N. Y. Republished by E. Pritchard, Inc., Bridgeton, N. J., a corporation of New Jersey.

EDDY'S AMMONIA

FOR AMMONIA, CATSUP AND SAUCE.
Claims use since May 1, 1893.

Reg. No. 42,124. Registered Feb. 23, 1904. THE ABBOTT ALKALOIDAL CO., Chicago, Ill. Republished by Abbott Laboratories, North Chicago, Ill., a corporation of Illinois.

CALCIDIN

FOR REMEDIES FOR THE CURE OR ALLEVIATION OF CROUP AND OTHER NON-SPECIFIC EXUDATIVE DISEASES.
Claims use since Dec. 4, 1903.

Reg. No. 44,140. Registered Feb. 7, 1905. THE ABBOTT ALKALOIDAL CO., Chicago, Ill. Republished by Abbott Laboratories, North Chicago, Ill., a corporation of Illinois.

BILEIN

FOR REMEDIES FOR THE CURE OR ALLEVIATION OF DISEASES OR DISORDERED FUNCTIONS OF THE LIVER.
Claims use since Oct. 27, 1904.

Reg. No. 58,771. Registered Dec. 25, 1906. POTTER DRUG & CHEMICAL CORPORATION, Portland, Maine, and Boston, Mass., a corporation of Maine. Republished by registrant, present location Malden, Mass.

GENUINE SANFORD'S GINGER

FOR PREPARATION OF PURE JAMAICA GINGER COMBINED WITH CHOICE AROMATICS.
Claims use since 1883.

Reg. No. 78,497. Registered June 21, 1910. FOSTER DACK CO., Council Bluffs, Iowa, and Chicago, Ill. Republished by Foster-Dack Company, Chicago, Ill., a corporation of Illinois.

MECCA

FOR OINTMENT.
Claims use since about Jan. 10, 1898.

Reg. No. 101,782. Registered Jan. 12, 1915. THOMAS N. KENYON, Minneapolis, Minn. Republished by D. D. Kenyon, Minneapolis, Minn.

Kenthol

FOR MEDICINAL SALVE OR OINTMENT.
Claims use since Oct. 1, 1914.

Reg. No. 127,471. Registered Nov. 11, 1919. OXYGEN GAS COMPANY, Kansas City, Mo. Republished by Puritan Compressed Gas Corporation, Kansas City, Mo., a corporation of Missouri.

PURITAN MAID

FOR NITROUS OXID PREPARED ESPECIALLY FOR ANESTHETIC PURPOSES AND OXYGEN GAS PREPARED ESPECIALLY FOR MEDICAL PURPOSES.
Claims use since Sept. 15, 1914.

Reg. No. 128,858. Registered Jan. 13, 1920. SMITH & NICHOLS, INC., New York, N. Y., and Boston, Mass., a corporation of New York. Republished by registrant, present location New York, N. Y.

STAR BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR BEESWAX, STEARIC ACID, AND SPERMACETTI.
Claims use since July 20, 1917.

Reg. No. 146,322. Registered Sept. 6, 1921. PARFUMERIE HOUBIGANT, Paris, France, assignor to Houbigant, Inc. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

Premier mai

FOR PERFUMES, TOILET WATERS, FACE POWDERS, LIQUID LOTION FOR THE SKIN, SACHETS, SACHET POWDERS, AND BRILLIANTINE.
Claims use since 1908.

Reg. No. 146,323. Registered Sept. 6, 1921. PARFUMERIE HOUBIGANT, Paris, France, assignor to Houbigant, Inc. Republished by Houbigant, Inc., New York, N. Y., a corporation of New York.

L'OEILLET D'OR ROY

FOR PERFUMES, TOILET WATERS, SACHET AND SACHET POWDERS.
Claims use since 1906.

Reg. No. 147,112. Registered Oct. 4, 1921. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

HOUBIGANT

FOR PERFUMERY, TALCUM POWDERS, COSMETICS FOR BEAUTIFYING THE COMPLEXION, BATH SALTS, FACE-POWDERS, FACE CREAMS, LOTIONS FOR FACE AND HAND WASH, ROUGE, TOILET WATERS, AND COLOGNES.
Claims use since Jan. 1, 1895.

Reg. No. 148,676. Registered Nov. 22, 1921. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

CASTOLAY

FOR TOILET POWDER.
Claims use since Jan. 27, 1921.

Reg. No. 153,647. Registered Mar. 28, 1922. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

BATEEK

FOR FACE POWDER, TALCUM POWDER, AND PERFUME.
Claims use since Aug. 12, 1921.

Reg. No. 164,489. Registered Feb. 20, 1923. HOUBIGANT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FOR TALCUM POWDER AND FACE POWDER.
Claims use since Mar. 1, 1922.

Reg. No. 205,795. Registered Nov. 17, 1925. THE FOSTER-DACK CO., Chicago, Ill. Republished by Foster-Dack Company, Chicago, Ill., a corporation of Illinois.

SORBEFACIN

FOR SURGICAL DRESSING FOR WOUNDS, BURNS, SCALDS, AND AS AN APPLICATION TO ALL IRRITATED SURFACES, NONPOISONOUS.
Claims use since 1900.

Reg. No. 211,032. Registered Mar. 30, 1926. BRUNSWIG DRUG COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

ANGELUS

FOR ANTISEPTIC CONES, ANTISEPTIC POWDER, BEEF, IRON, AND WINE, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since prior to Mar. 1, 1905.

Reg. No. 260,477. Registered Aug. 27, 1929. STRAWBRIDGE & CLOTHIER, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

STRAWBRIDGE & CLOTHIER SEAL OF CONFIDENCE

FOR FLUID EXTRACT OF CASCARA; LOTION FOR TREATING CHAPPED HANDS OR LIPS AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since 1923.

Reg. No. 278,439. Registered Dec. 16, 1930. GRACE B. CARRAN, doing business as Central Petroleum Company, Cleveland, Ohio. Republished by Central Petroleum Company, Cleveland, Ohio, a corporation of Ohio.

NEVER-LITE

FOR OIL FOR THE PROTECTION OF ANIMALS FROM FLIES, MOSQUITOES, GNATS, AND OTHER SIMILAR INSECTS.
Claims use since Mar. 15, 1920.

Reg. No. 288,494. Registered Oct. 27, 1931. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

MEMOIRES
DE
PARIS

FOR PERFUMES.
Claims use since Apr. 23, 1931.

Reg. No. 301,546. Registered Mar. 7, 1933. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

SNOW WHITE

FOR HAIR BEAUTIFYING CREAM.
Claims use since Jan. 26, 1930.

Reg. No. 301,906. Registered Mar. 21, 1933. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

NALCO

FOR CHEMICALS EMPLOYED IN THE TREATMENT OF WATER, SUCH AS FOR SOFTENING, PURIFYING, DESILICALIZING, CLARIFYING, STERILIZING, AND OTHERWISE IMPROVING THE SAME.
Claims use since Mar. 11, 1932.

Reg. No. 305,543. Registered Aug. 22, 1933. JOHN H. WOODBURY, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



John H. Woodbury Inc.

FOR TOILET PREPARATIONS—NAMELY, FACIAL CREAM, FACIAL POWDER, CLEANSING CREAM, COLD CREAM, TISSUE CREAM, ALMOND-ROSE CREAM, FACIAL FRESHENER, BLACKHEAD LOTION, SKIN TONIC AND ASTRINGENT, LILAC VEGETAL, LARGE PORE LOTION, WAVE SETTING LOTION, BRILLIANTINE, HAIR GLOSS, AFTER SHAVING LOTION, SKIN BALM, LIPSTICKS, AND EAU DE QUININE.
Claims use since Jan. 1, 1891.

Reg. No. 309,971. Registered Feb. 6, 1934. ZOTOS CORPORATION, New York, N. Y. Republished by Sales Affiliates, Inc., New York, N. Y., a corporation of New York.

ZOTION

FOR HAIR WAVING LOTIONS.
Claims use since on or about Mar. 1, 1932.

Reg. No. 336,417. Registered July 7, 1936. THE BARTON SALT COMPANY, Hutchinson, Kans., a corporation of Kansas. Republished by registrant.

CAL-PHOSPHOR

FOR PREPARATION OF SALT, CALCIUM AND PHOSPHORUS FOR STOCK.
Claims use since Sept. 1, 1934.

Reg. No. 352,916. Registered Dec. 14, 1937. EL ROY NAVAL STORES, INC., Vidalia, Ga. Republished by El Roy Naval Stores Co., Inc., Vidalia, Ga., a corporation of Georgia.

PENNITRATO

FOR WOOD PRESERVATIVE AND INSECTICIDE.
Claims use since July 1, 1935.

Reg. No. 374,938. Registered Jan. 30, 1940. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

BUDWELL'S

FOR EMULSION OF COD LIVER OIL.
Claims use since 1894.

Reg. No. 375,567. Registered Feb. 20, 1940. CHARLES PARKER BROWN, Santa Fe, N. Mex. Republished by Morton Manufacturing Corporation, Lynchburg, Va., a corporation of Virginia.

CHAPEX

FOR PREPARATION USED IN THE TREATMENT OF CHAPPED HANDS, AND THE LIKE.
Claims use since Oct. 3, 1939.

Reg. No. 382,231. Registered Oct. 22, 1940. MOSES L. HEIM, New York, N. Y. Republished by registrant.

HELOZON

FOR SCALP AND HAIR TREATING PREPARATIONS, ASTRINGENTS, MOUTH AND TEETH TREATING PREPARATIONS, FACE AND BODY POWDER, LIPSTICKS, BATH OILS, BATH SALTS, MASSAGE CREAM, DEODORANTS, CORN REMOVING SUBSTANCES, TOOTH PASTE, TOOTH POWDER, BATH CRYSTALS, SHAMPOO, PERFUMES.
Claims use since February 1940.

Reg. No. 382,841. Registered Nov. 12, 1940. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

NITE
STIK

FOR PREPARATION TO BE USED ON THE LIPS AS A CONDITIONER TO KEEP THE LIPS MOIST AND SMOOTH.
Claims use since June 1, 1940.

Reg. No. 396,691. Registered July 28, 1942. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMGARD

FOR CORROSION INHIBITING COATING LIQUIDS FOR METAL SURFACES.
Claims use since Feb. 21, 1942.

Reg. No. 403,401. Registered Sept. 21, 1943. THERMOPIN LABORATORIES, INC., New York, N. Y. Republished by Matthew Products Inc., New York, N. Y., a corporation of New York.

SARONG

FOR BUBBLE BATH, EAU DE COLOGNE AND DUSTING POWDER.
Claims use since Apr. 8, 1943.

Reg. No. 405,186. Registered Jan. 11, 1944. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

FLEET'S

FOR PREPARATION FOR PREVENTION AND TREATMENT OF CHAPPED LIPS AND SKIN, AND FOR FEVER BLISTERS AND COLD SORES DUE TO EXTERNAL CAUSES.
Claims use since Jan. 1, 1890.

Reg. No. 405,187. Registered Jan. 11, 1944. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

FLEET'S
Chap Stick

FOR PREPARATION FOR THE PREVENTION AND TREATMENT OF CHAPPED LIPS AND SKIN, AND FOR FEVER BLISTERS AND COLD SORES DUE TO EXTERNAL CAUSES.
Claims use since Jan. 1, 1890.

Reg. No. 410,606. Registered Dec. 5, 1944. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

IBS

FOR MEDICATED SALVE.
Claims use since 1930.

Reg. No. 416,249. Registered Sept. 4, 1945. A. W. CURTIS, JR., Detroit, Mich. Republished by registrant.



Dr. George W. Carver

Curtis

The word "Curtis" is disclaimed apart from the mark as shown.
FOR RUBBING OIL.
Claims use since Nov. 1, 1944.

Reg. No. 418,899. Registered Jan. 15, 1946. ROBERT Z. LINDSAY, doing business as Veddersburg Co., Amsterdam, N. Y., assignor to Bernadette B. Maksel, Delanson, N. Y. Republished by registrant.



The term "Shav" is disclaimed apart from the mark as shown.
FOR AFTER SHAVING LOTION.
Claims use since Dec. 30, 1944.

Reg. No. 419,170. Registered Feb. 5, 1946. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

VOICE OF Flowers

FOR PERFUME, FACE POWDER AND TALCUM POWDER.
Claims use since May 1, 1945.

Reg. No. 420,852. Registered May 7, 1946. MORTON MANUFACTURING CORPORATION, Lynchburg, Va., a corporation of Virginia. Republished by registrant.

SNOW WHITE

FOR BLEACHING CREAM, PRESSING OIL FOR USE IN GROOMING OF THE HAIR, SACHET POWDERS, AND DEODORANT CREAM.
Claims use since 1923.

Reg. No. 428,719. Registered Apr. 1, 1947. THE DENTAL SPECIALTY MANUFACTURING CO., INC., Denver, Colo., now by change of name, Densco, Incorporated. Republished by Densco, Incorporated, Denver, Colo., a corporation of Colorado.

DENSCO

The drawing is lined for the color blue.
FOR DIAMOND INSTRUMENT CLEANER (A GUM-TURPENTINE BASE CHEMICAL SOLUTION HAVING SOLVENT PROPERTIES).
Claims use since Oct. 1, 1945.

CLASS 7

CORDAGE

Reg. No. 61,075. Registered Mar. 5, 1907. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

COLUMBIAN

FOR ROPE, CABLE, TARRED LATH AND FODDER YARNS, AND COMMERCIAL TWINES OF HARD AND SOFT FIBER.
Claims use since January 1892.

Reg. No. 65,092. Registered Sept. 10, 1907. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of Nek York. Republished by registrant.

EUREKA

FOR ROPE, CABLE, TARRED LATH AND FODDER YARNS AND COMMERCIAL TWINES OF HARD OR SOFT FIBER OTHER THAN COTTON.
Claims use since January 1895.

Reg. No. 356,482. Registered Apr. 26, 1938. AMERICAN CHAIN & CABLE COMPANY, INC., Bridgeport, Conn., a corporation of New York. Republished by registrant.

GALACCO

FOR WIRE ROPE AND WIRE STRAND.
Claims use since Nov. 20, 1937.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 55,158. Registered Aug. 7, 1906. THE MARLIN FIRE ARMS COMPANY, New Haven, Conn. Republished by The Marlin Firearms Company, New Haven, Conn., a corporation of Connecticut.

Marlin

FOR SHOTGUNS, RIFLES, REVOLVERS, AND PARTS THEREOF.
Claims use since 1870.

Reg. No. 72,755. Registered Feb. 16, 1909. THE MARLIN FIREARMS CO., New Haven, Conn. Republished by The Marlin Firearms Company, New Haven, Conn., a corporation of Connecticut.

THE SIGN OF A Marlin

FOR SHOTGUNS AND RIFLES.
Claims use since January 1908.

Reg. No. 102,390. Registered Feb. 9, 1915. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

CHARTER OAK

FOR FUSES.
Claims use since July 1, 1914.

CLASS 10

FERTILIZERS

Reg. No. 337,219. Registered Aug. 4, 1936. ARMOUR FERTILIZER WORKS, Atlanta, Ga. Republished by Armour and Company, Chicago, Ill., a corporation of Illinois.

OLD BLACK JOE

FOR FERTILIZER.
Claims use since Mar. 29, 1927.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 95,516. Registered Feb. 24, 1914. BOUTWELL MILNE & VARNUM CO., Barre, Vt. Republished by Rock of Ages Corporation, Barre, Vt., a corporation of Vermont.

ROCK OF AGES

FOR GRANITE BLOCKS AND MONUMENTAL STONES.
Claims use since Aug. 1, 1913.

Reg. No. 100,573. Registered Oct. 20, 1914. MACANDREWS & FORBES COMPANY, Camden, N. J., and New York, N. Y., a corporation of New Jersey. Republished by registrant, present location Camden, N. J.

M&F FIBERLIKE

FOR PULP-BOARD.
Claims use since Jan. 1, 1913.

Reg. No. 167,870. Registered May 8, 1923. DAHLBERT & COMPANY, INC., Chicago, Ill. Republished by The Celotex Corporation, Chicago, Ill., a corporation of Delaware.

CELOTEX

FOR COMPOSITION OF MATERIAL FOR WALL BOARDS, LININGS FOR HOUSES, PLASTER BASES, BOX MAKING MATERIAL, AND HEAT INSULATING LUMBER IN GENERAL.
Claims use since Sept. 1, 1921.

Reg. No. 233,861. Registered Oct. 11, 1927. THE FLINTKOTE COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

REXTAB

FOR MINERAL-SURFACED ASPHALT SHINGLES AND MINERAL-SURFACED ASPHALT ROOFING.
Claims use since on or about Feb. 25, 1927.

Reg. No. 283,631. Registered June 2, 1931. THE FERRO ENGINEERING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

C & D

FOR HOT TOP LININGS OF BRICK OR SIMILAR HEAT INSULATING MATERIAL.
Claims use since on or about Feb. 4, 1930.

Reg. No. 285,075. Registered July 14, 1931. WOOSTER PRODUCTS, INC., Wooster, Ohio, a corporation of Ohio. Republished by registrant.

FERROGRIT

FOR SAFETY STAIR TREADS, FLOOR PLATES, AND RAMP PLATES.
Claims use since Jan. 20, 1931.

Reg. No. 291,265. Registered Feb. 2, 1932. WOOSTER PRODUCTS, INC., Wooster, Ohio, a corporation of Ohio. Republished by registrant.

BRONZOGRIT

FOR FLOOR PLATES AND DOOR THRESHOLDS.
Claims use since Aug. 22, 1931.

Reg. No. 318,350. Registered Oct. 23, 1934. THE CLEVELAND-CLIFFS IRON CO., Cleveland, Ohio. Republished by The Cleveland-Cliffs Iron Company, Cleveland, Ohio, a corporation of Ohio.

C C C

FOR LUMBER AND RAILROAD TIES.
Claims use since 1915.

Reg. No. 329,792. Registered Nov. 12, 1935. WOOSTER PRODUCTS, INC., Wooster, Ohio, a corporation of Ohio. Republished by registrant.

NICKLOGRIT

FOR FLOOR PLATES, RAMP PLATES, AND DOOR THRESHOLDS.
Claims use since May 1, 1932.

Reg. No. 330,263. Registered Nov. 26, 1935. WOOSTER PRODUCTS, INC., Wooster, Ohio, a corporation of Ohio. Republished by registrant.

ALUMOGRIT

FOR METALLIC SAFETY STAIR TREADS, FLOOR PLATES, RAMP PLATES, AND DOOR THRESHOLDS.
Claims use since July 31, 1931.

Reg. No. 352,222. Registered Nov. 23, 1937. WOOSTER PRODUCTS, INC., Wooster, Ohio, a corporation of Ohio. Republished by registrant.

ALUMALLOY

FOR METAL MOULDINGS.
Claims use since May 1, 1937.

Reg. No. 377,982. Registered May 21, 1940. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for shading only.
FOR SEALING COMPOUND FOR USE IN CONNECTION WITH GASKET AND PIPE JOINTS.
Claims use since Aug. 24, 1931.

Reg. No. 377,983. Registered May 21, 1940. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

GARLOCK

FOR SEALING COMPOUND FOR USE IN CONNECTION WITH GASKET AND PIPE JOINTS.
Claims use since Aug. 24, 1931.

Reg. No. 403,383. Registered Sept. 21, 1943. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

KEMI KOTE

The word "Kote" is disclaimed apart from the mark as shown.
FOR TREATMENT MATERIAL FOR TREATING CEMENT, CONCRETE, AND LIKE SURFACES, SUCH AS FLOOR SURFACES OR THE LIKE, FOR HARDENING AND DUST-PROOFING PURPOSES.
Claims use since July 8, 1928.

Reg. No. 406,018. Registered Mar. 7, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PERMAJOINT

FOR PERMANENTLY ELASTIC COMPOUND FOR LEAKPROOFING AND RUSTPROOFING THREADS AND JOINTS IN METAL PIPING.
Claims use since Mar. 7, 1928.

Reg. No. 407,335. Registered May 30, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DURABILT

FOR CAULKING AND POINTING COMPOUNDS AND ROOFING AND DAMPPROOFING COMPOUNDS.
Claims use since Mar. 30, 1942.

Reg. No. 407,710. Registered June 20, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMGLAZE

FOR MASTIC COMPOUND FOR USE AS A PUTTY SUBSTITUTE IN THE GLAZING OF WINDOWS.
Claims use since June 1, 1936.

Reg. No. 408,763. Registered Aug. 29, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

BLACLASTIC

FOR PLIABLE, ELASTIC MATERIAL FOR COATING ROOFS, FOR PROTECTING METAL SURFACES AND FOR DAMP-PROOFING WALLS AND THE LIKE, THE MATERIAL BEING OF PAINT-LIKE FORM CAPABLE OF APPLICATION BY A BRUSH OR A POWER SPRAY GUN.
Claims use since Mar. 20, 1928.

Reg. No. 410,891. Registered Dec. 26, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMFLEX

FOR PROTECTIVE LIQUID COATINGS FOR METAL, MASONRY AND OTHER SURFACES, SAID COATINGS HAVING EITHER AN ASPHALTUM BASE OR A TAR BASE.
Claims use since Feb. 27, 1940.

Reg. No. 410,901. Registered Dec. 26, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMSTIK

FOR MASTIC CEMENT FOR BONDING ACOUSTICAL TILE, WALL BOARD, CORK AND THE LIKE TO SURFACES OF WOOD, PLASTER, MASONRY, OR METAL.
Claims use since Apr. 15, 1940.

Reg. No. 416,434. Registered Sept. 11, 1945. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMCAULK

FOR MASTIC COMPOUND FOR CAULKING- POINTING, AND LIKE PURPOSES.
Claims use since Mar. 15, 1945.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 70,817. Registered Aug. 18, 1908. THE JACOB J. VOLLRATH MFG. CO., Sheboygan, Wis. Republished by The Vollrath Co., Sheboygan, Wis., a corporation of Wisconsin.

VOLLRATH

FOR ENAMELED METAL WARE CONSISTING OF BATH TUBS, BIGGINS, BOILERS, BOWLS, BUCKETS, CHAMBERS, CLOSETS, COVERS, COLANDERS, CUPS AND SAUCERS, CUSPIDORS, DIPPERS, SOAP AND VEGETABLE DISHES, FUNNELS, HAM BOILERS, KETTLES, LADLES, MUGS, PAILS, PANS, PITCHERS, PLATES, PLATTERS, POTS, SINKS, SKIMMERS, SPOONS, STRAINERS AND TRAYS.
Claims use 1893.

Reg. No. 260,791. Registered Aug. 27, 1929. LYON METAL PRODUCTS, INCORPORATED, Aurora, Ill., a corporation of Illinois. Republished by registrant.

SNAP-IN

FOR FASTENERS FOR SHELF DIVIDERS AND THE LIKE.
Claims use since Oct. 18, 1928.

Reg. No. 368,446. Registered June 20, 1939. AIRCRAFT SCREW PRODUCTS COMPANY, INC., Brooklyn, N. Y. Republished by Heli-Coil Corporation, Long Island City, N. Y., a corporation of New York.

AERO-THREAD

The word "Thread" is disclaimed apart from the mark as shown.
FOR BOLTS, STUDS, NUTS, SCREWS, AND SCREW CONNECTIONS.
Claims use since Mar. 4, 1938.

Reg. No. 404,065. Registered Nov. 2, 1943. AIRCRAFT SCREW PRODUCTS COMPANY, INC., Long Island City, N. Y. Republished by Heli-Coil Corporation, Long Island City, N .Y., a corporation of New York.



The representation of the goods and the word "Thread" are disclaimed apart from the mark as shown.
FOR SCREW CONNECTIONS AND PARTS OF SCREW CONNECTIONS—NAMELY, SCREWS, BOLTS, STUDS, NUTS, THREAD-INSERTS.
Claims use since Mar. 30, 1942.

Reg. No. 408,085. Registered July 18, 1944. THE KITCHEN MAID CORPORATION, Andrews, Ind., a corporation of Indiana. Republished by registrant.

KITCHEN MAID

FOR KITCHEN SINK TOPS.
Claims use since July 1, 1932.

Reg. No. 419,476. Registered Feb. 19, 1946. AIRCRAFT SCREW PRODUCTS COMPANY, INC., Long Island City, N. Y. Republished by Heli-Coil Corporation, Long Island City, N. Y., a corporation of New York.

HELI-COIL

The word "Coil" is disclaimed apart from the mark as shown.
FOR SCREW CONNECTIONS AND PARTS OF SCREW CONNECTIONS—NAMELY, SCREWS, BOLTS, STUDS, NUTS, THREAD INSERTS AND THREAD BUSHINGS, FOR USE IN DRILLED OR THREADED HOLES.
Claims use since Nov. 20, 1942.

CLASS 15

OILS AND GREASES

Reg. No. 15,013. Registered Dec. 13, 1887. AUGUSTUS C. BUZBY, Philadelphia, Pa. Republished by Keystone Lubricating Company, Philadelphia, Pa., a corporation of Pennsylvania.

LUBRICANT
TRADE MARK.

The word "Lubricant" forms no essential feature of the mark.
FOR LUBRICANTS FOR FRICTIONAL SURFACES.
Claims use since Dec. 1, 1885.

Reg. No. 173,468. Registered Sept. 25, 1923. GRACE B. CARRAN, doing business as Central Petroleum Company, Cleveland, Ohio. Republished by Central Petroleum Company, Cleveland, Ohio, a corporation of Ohio.



FOR LUBRICATING OILS AND GREASES.
Claims use since January 1914.

Reg. No. 227,199. Registered May 3, 1927. SMITH & NICHOLS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

HYDRAULIC PRESSED

FOR CANDLES.
Claims use since May 1883.

Reg. No. 229,111. Registered June 21, 1927. SMITH & NICHOLS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CHALICE

FOR CANDLES.
Claims use since 1926.

Reg. No. 325,198. Registered June 11, 1935. MARQUETTE PETROLEUM PRODUCTS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



The words "Lubrication By" are disclaimed apart from the mark as shown.
FOR LUBRICATION OILS AND GREASES.
Claims use since Oct. 10, 1934.

Reg. No. 377,981. Registered May 21, 1940. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

GARLOCK

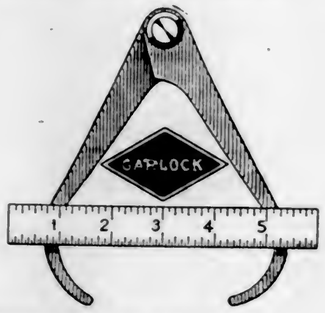
FOR LUBRICATING OILS AND GREASES.
Claims use since Jan. 12, 1932.

Reg. No. 378,035. Registered May 21, 1940. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



The hatching is for shading only.
FOR LUBRICATING GREASE FOR USE IN CONNECTION WITH PACKINGS.
Claims use since about June 1928.

Reg. No. 381,919. Registered Oct. 15, 1940. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for shading only.
FOR LUBRICATING OILS AND GREASES.
Claims use since about 1904.

Reg. No. 415,073. Registered July 10, 1945. SMITH & NICHOLS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ST. JUDE

FOR CANDLES.
Claims use since Nov. 17, 1943.

Reg. No. 415,074. Registered July 10, 1945. SMITH & NICHOLS, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR CANDLES.
Claims use since Nov. 17, 1943.

Reg. No. 418,052. Registered Nov. 27, 1945. THE DENTAL SPECIALTY MANUFACTURING CO., INC., Denver, Colo. Republished by Densco, Incorporated, Denver, Colo., a corporation of Colorado.



FOR HANDPIECE CLEANER AND LUBRICANT, AN OIL-BASE LIQUID.
Claims use since Jan. 1, 1939.

Reg. No. 424,499. Registered Oct. 8, 1946. THE DENTAL-SPECIALTY MANUFACTURING CO., INC., Denver, Colo. Republished by Densco, Incorporated, Denver, Colo., a corporation of Colorado.



The drawing is lined for the color green.
FOR HANDPIECE LUBRICANT AND CLEANER COMPRISING AN OILY-BASE LIQUID.
Claims use since Jan. 1, 1939.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 46,556. Registered Sept. 26, 1905. MAYER & LOEWENSTEIN, New York, N. Y. Republished by Clover Leaf Paint & Varnish Corporation, Long Island City, N. Y., a corporation of New York.



FOR VARNISHES, JAPANS, OIL-FINISH, AND BRONZING LIQUID.
Claims use since Feb. 7, 1891.

Reg. No. 246,553. Registered Sept. 11, 1928. ANDREW BROWN CO., INC., Los Angeles and Maywood, Calif. Republished by Andrew Brown Company, Los Angeles, Calif., a firm.



The drawing is lined for the color red.
FOR DRIED, PASTE, AND READY-MIXED PAINTS, LACQUERS, VARNISH, PAINT ENAMELS.
Claims use since Jan. 24, 1928.

Reg. No. 305,087. Registered Aug. 1, 1933. ANDREW BROWN COMPANY, Los Angeles, Calif. Republished by Andrew Brown Company, Los Angeles, Calif., a firm.



The drawing is lined for the color red.
FOR PAINT ENAMELS, VARNISHES, LACQUERS.
Claims use since May 16, 1932.

Reg. No. 344,275. Registered Mar. 16, 1937. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMLUX

FOR PAINT ENAMELS.
Claims use since Sept. 1, 1936.

Reg. No. 392,016. Registered Dec. 2, 1941. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PERMAVAR

FOR PAINT ENAMELS.
Claims use since Apr. 7, 1928.

Reg. No. 392,676. Registered Jan. 6, 1942. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DURZON

FOR PAINTS OF A VERY HEAVY CONSISTENCY OF A SEMI-PASTE-LIKE FORM FOR INTERIOR USE.
Claims use since Jan. 22, 1941.

Reg. No. 393,383. Registered Feb. 10, 1942. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DURATREM

FOR PAINTS FOR METAL, WOOD, MASONRY, AND LIKE SURFACES, THE PAINTS BEING IN READY-MIXED FORM ALTHOUGH LINSEED OIL, TURPENTINE, AND THE LIKE MAY BE ADDED, IF DESIRED.
Claims use since May 7, 1940.

Reg. No. 401,058. Registered Apr. 20, 1943. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMFLAT

FOR READY-MIXED PAINT.
Claims use since Apr. 16, 1942.

Reg. No. 407,701. Registered June 20, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DURABILT

FOR READY MIXED PAINTS.
Claims use since Nov. 5, 1943.

Reg. No. 408,181. Registered July 25, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

RAZON

FOR PAINT ENAMELS.
Claims use since Apr. 11, 1928.

Reg. No. 408,563. Registered Aug. 15, 1944. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMCOTE

FOR READY-MIXED PAINTS.
Claims use since Feb. 6, 1936.

Reg. No. 416,992. Registered Oct. 9, 1945. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMNAMEL

FOR ENAMEL PAINT.
Claims use since Mar. 9, 1945.

CLASS 19

VEHICLES

Reg. No. 146,910. Registered Sept. 20, 1921. WEST BEND EQUIPMENT CO., West Bend, Wis. Republished by West Bend Equipment Corporation, West Bend, Wis. a corporation of Wisconsin.

SPRING BEARING TRUCKS

The words "Spring Bearing Trucks" and the representation of a picture of a truck are disclaimed apart from the mark as shown.
FOR PLATFORM-TRUCKS.
Claims use since about Feb. 1, 1920.

Reg. No. 171,504. Registered Aug. 7, 1923. INTERNATIONAL MOTOR COMPANY, New York, N. Y. Republished by Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware.

SHOCK INSULATOR

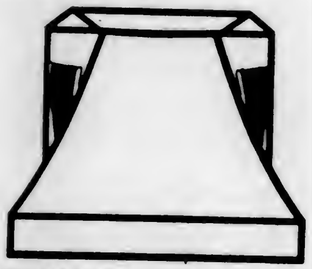
FOR METAL PARTS FOR CUSHIONED CONNECTIONS IN VEHICLES, PARTICULARLY FOR A METAL HOUSING FOR CARRYING A DEFORMABLE BLOCK IN WHICH AN END OF A VEHICLE SPRING IS CARRIED.
Claims use since about July 10, 1922.

Reg. No. 171,507. Registered Aug. 7, 1923. INTERNATIONAL MOTOR COMPANY, New York, N. Y. Republished by Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware.

SHOCK INSULATOR

FOR CUSHIONED CONNECTIONS FOR USE IN VEHICLES, PARTICULARLY FOR A DEFORMABLE BLOCK MADE OF RUBBER OR THE LIKE, IN WHICH AN END OF A VEHICLE SPRING IS CARRIED.
Claims use since about July 7, 1922.

Reg. No. 187,497. Registered Aug. 5, 1924. INTERNATIONAL MOTOR COMPANY, New York, N. Y. Republished by Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware.



FOR MOTOR TRUCKS.
Claims use since about Sept. 21, 1921.

Reg. No. 394,290. Registered Mar. 31, 1942. SCULLY SIGNAL COMPANY, Cambridge and East Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

PORCUPINE

FOR ANTISIPHONING THEFT GUARDS FOR PARTIALLY OBSTRUCTING VEHICLE TANK FILLER PIPES.
Claims use since Sept. 3, 1941.

Reg. No. 410,586. Registered Dec. 5, 1944. KOPPERS COMPANY, doing business as Bartlett Hayward Division, Baltimore, Md. Republished by Koppers Company, Inc., doing business as Bartlett Hayward Division (1944), Baltimore, Md., a corporation of Delaware.

AERO MATIC

FOR PROPELLERS, PROPELLER HUBS AND PROPELLER ASSEMBLIES.
Claims use since Mar. 5, 1942.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 96,500. Registered Apr. 21, 1914. CRESCENT BELTING AND PACKING COMPANY, Trenton, N. J. Republished by Crescent Insulated Wire and Cable Co. Inc., Trenton, N. J., a corporation of New Jersey.



FOR INSULATED WIRE.
Claims use since Oct. 1, 1892.

Reg. No. 147,827. Registered Nov. 1, 1921. WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

RIBOHM

FOR ELECTRIC RESISTANCE UNITS, RHEOSTATS, REGULATORS, AND ELECTRIC RESISTORS.
Claims use since Apr. 14, 1920.

Reg. No. 147,828. Registered Nov. 1, 1921. WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

VITROHM

FOR ELECTRIC RESISTANCE UNITS, RHEOSTATS, REGULATORS, AND ELECTRIC RESISTORS.
Claims use since Jan. 22, 1920.

Reg. No. 263,208. Registered Nov. 5, 1929. UNITED STATES ELECTRICAL MANUFACTURING COMPANY, Los Angeles, Calif. Republished by U. S. Electric Motors, Inc., Los Angeles, Calif., a corporation of California.

UNICLOSED

FOR ELECTRIC MOTORS.
Claims use since June 4, 1929.

Reg. No. 274,965. Registered Sept. 9, 1930. HAMILTON BEACH MANUFACTURING COMPANY, Racine, Wis. Republished by Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut.

DRINKMASTER

FOR ELECTRICALLY-OPERATED DRINK MIXERS.
Claims use since Mar. 29, 1930.

Reg. No. 290,519. Registered Jan. 5, 1932. YATES-AMERICAN MACHINE COMPANY, Beloit, Wis., a corporation of Delaware. Republished by registrant.

Y-A

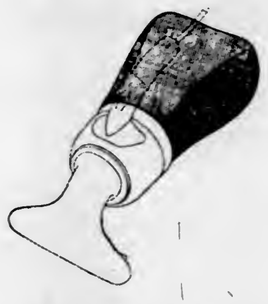
FOR ELECTRIC MOTORS.
Claims use since on or about July 10, 1931.

Reg. No. 296,972. Registered Aug. 30, 1932. THE P. A. GEIER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

ROYAL

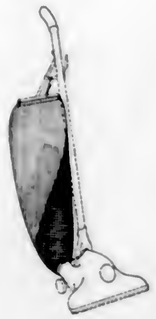
FOR ELECTRICALLY-OPERATED SUCTION CLEANERS.
Claims use since September 1908.

Reg. No. 342,473. Registered Jan. 19, 1937. THE P. A. GEIER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.



The representation of the goods is disclaimed. The drawing is lined for the colors red and black.
FOR ELECTRICALLY-OPERATED SUCTION CLEANERS.
Claims use since Jan. 4, 1936.

Reg. No. 342,513. Registered Jan. 19, 1937. THE P. A. GEIER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.



The representation of the goods is disclaimed apart from the mark as shown. The drawing is lined for the colors red and black.

FOR ELECTRICALLY OPERATED SUCTION CLEANERS AND PARTS THEREOF AND ATTACHMENTS AND ACCESSORIES THEREFOR.

Claims use since July 11, 1934.

Reg. No. 361,657. Registered Oct. 25, 1938. CRESCENT INSULATED WIRE & CABLE CO. INC., Trenton, N. J., a corporation of New Jersey. Republished by registrant.

IMPERVEX

FOR RUBBER INSULATION FOR ELECTRICAL WIRE AND CABLE AND FOR ELECTRICAL WIRE AND CABLE EMPLOYING SUCH INSULATION.

Claims use since May 10, 1938.

Reg. No. 369,779. Registered Aug. 1, 1939. THE P. A. GEIER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

Royalaire

FOR ELECTRICALLY OPERATED SUCTION CLEANERS.

Claims use since Dec. 13, 1938.

Reg. No. 399,390. Registered Jan. 5, 1943. AIRCRAFT SCREW PRODUCTS COMPANY, INCORPORATED, Long Island City, N. Y. Republished by Heli-Coil Corporation, Long Island City, N. Y., a corporation of New York.

HELI-COIL

The word "Coil" is disclaimed apart from the mark as shown.

FOR SPARK PLUG BUSHINGS.

Claims use since Mar. 13, 1942.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 252,324. Registered Feb. 5, 1929. MAY & MALONE, Chicago, Ill. Republished by The Richter & Phillips Company, Cincinnati, Ohio, a corporation of Ohio.

BIRDIE M&M

FOR GOLF BALLS.

Claims use since December 1926.

Reg. No. 345,479. Registered Apr. 27, 1937. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware.. Republished by registrant.

elik

FOR BILLIARD CHALK.

Claims use since Oct. 1, 1936.

Reg. No. 382,894. Registered Nov. 12, 1940. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware.. Republished by registrant.

BLACK DIAMOND

FOR BILLIARD AND POCKET-BILLIARD BALLS.

Claims use since May 15, 1919.

Reg. No. 406,351. Registered Mar. 28, 1944. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware.. Republished by registrant.

Blue Spot

The drawing is lined for the color blue.

FOR CAROM BILLIARD BALLS.

Claims use since Apr. 13, 1942.

Reg. No. 432,818. Registered Sept. 16, 1947. BERNARD M. WILBER, doing business as Wilber & Son, San Francisco, Calif. Republished by registrant.

WILCO

FOR LIFE SAVING EQUIPMENT—NAMELY, LIFE JACKETS, LIFE PRESERVERS, LIFE PRESERVING CUSHIONS AND RING BUOYS; AND CAMPING EQUIPMENT—NAMELY, SLEEPING BAGS PROVIDED WITH A MATTRESS, AND AIR MATTRESSES USED ON THE BEACHES AND WATER.

Claims use since Dec. 1, 1944.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 70,317. Registered Aug. 18, 1908. THE JACOB J. VOLLRATH MFG. CO., Sheboygan, Wis. Republished by The Vollrath Co., Sheboygan, Wis., a corporation of Wisconsin.

VOLLRATH

FOR ENAMELED METAL WARE CONSISTING OF BATH TUBS, BIGGINS, BOILERS, BOWLS, BUCKETS, CHAMBERS, CLOSETS, COVERS, COLANDERS, CUPS AND SAUCERS, CUSPIDORS, DIPPERS, SOAP AND VEGETABLE DISHES, FUNNELS, HAM BOILERS, KETTLES, LADLES, MUGS, PAILS, PANS, PITCHERS, PLATES, PLATTERS, POTS, SINKS, SKIMMERS, SPOONS, STRAINERS AND TRAYS.

Claims use since 1893.

Reg. No. 154,967. Registered May 16, 1922. ROBERT H. HENDERSON, Ampere, N. J. Republished by registrant, present location East Orange, N. J.

HENDERSON EZ

FOR PIPE BENDING TOOLS.

Claims use since about July 23, 1919.

Reg. No. 264,602. Registered Nov. 26, 1929. FARREL-BIRMINGHAM COMPANY, INCORPORATED, Ansonia and Derby, Conn., and Buffalo, N. Y., a corporation of Connecticut. Republished by registrant.

FARREL-BIRMINGHAM

FOR MACHINE FOR BREAKING DOWN RUBBER AND RENDERING IT PLASTIC, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION, EXCEPT, TREAD CALENDERS.

Claims use since on or about Apr. 13, 1928.

Reg. No. 285,418. Registered July 28, 1931. THE DORR COMPANY, New York, N. Y. Republished by The Dorr Company (1944), New York, N. Y., a corporation of Delaware.

DORRCO

FOR APPARATUS FOR THE TREATMENT OF SOLIDS SUSPENDED IN LIQUIDS, WHICH COMPRISE AGITATORS, THICKENERS, TRAY THICKENERS, WASHERS, ROTARY CONVEYERS, SAVEALLS, SLURRY MIXERS, CORD DIAPHRAGMS FOR PUMPS; CLARIFIERS FOR SEWAGE, WATER, AND CANE JUICE; CLASSIFIERS, BOWL CLASSIFIERS, PUMPS, ROTATING SCREENS, SAND WASHERS, DIGESTERS, SIZERS, TRACTION CLARIFIERS, EJECTORS, DETRITORS, REPULPERS, BAR SCREENS, AND CLOSED CIRCUIT GRINDING DEVICES, INCINERATORS, SEWAGE GRIT CHAMBER SCRAPERS, AND SEWAGE AERATORS.

Claims use since Nov. 13, 1922.

Reg. No. 288,283. Registered Oct. 20, 1931. HERCULES MOTORS CORPORATION, Canton, Ohio, a corporation of Ohio. Republished by registrant.



FOR INTERNAL COMBUSTION ENGINES; POWER UNITS INCLUDING INTERNAL COMBUSTION ENGINES AND ACCESSORIES—NAMELY, REDUCTION GEARS AND CLUTCHES FOR INTERNAL COMBUSTION ENGINES AND POWER UNITS.

Claims use since May 1916.

Reg. No. 288,791. Registered Nov. 3, 1931. THE FERRO ENGINEERING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

C & D

FOR HOT TOP CASINGS FOR USE ON INGOT MOLDS.

Claims use since on or about Feb. 8, 1930.

Reg. No. 288,814. Registered Nov. 3, 1931. HERCULES MOTORS CORPORATION, Canton, Ohio, a corporation of Ohio. Republished by registrant.

HERCANO

FOR INTERNAL COMBUSTION ENGINES, POWER UNITS, AND ACCESSORIES—NAMELY, REDUCTION GEARS AND CLUTCHES FOR INTERNAL COMBUSTION ENGINES AND POWER UNITS.

Claims use since on or about June 10, 1931.

Reg. No. 298,080. Registered Oct. 11, 1932. NATIONAL ALUMINATE CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

NALCO

FOR PUMPS, WATER-MOTORS AND MECHANISMS FOR PROPORTIONING REAGENTS FED TO A WATER PURIFYING SYSTEM.

Claims use since Sept. 10, 1929.

Reg. No. 347,508. Registered June 29, 1937. THE P. A. GEIER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

ROYAL

FOR FLOOR POLISHERS AND FLOOR POLISHER ATTACHMENTS FOR SUCTION CLEANERS.

Claims use since February 1926.

Reg. No. 356,073. Registered Apr. 12, 1938. NATIONAL BROACH & MACHINE CO., Detroit, Mich., a corporation of Michigan. Republished by registrant.

RED RING

FOR GEAR MANUFACTURING EQUIPMENT—NAMELY, MACHINES FOR FINISHING, SHAVING, LAPPING, AND CHECKING GEARS; BROACHING TOOLS AND MACHINES, SPLINE GRINDERS; FLAT SEAL FACE GRINDING MACHINES; GEAR TOOTH FORM GRINDERS; GEAR TOOTH SHAPER CUTTERS, FORM AND SHAVING TOOLS FOR GEARS, LAPPING TOOLS, AND HOLDERS THEREFOR.
Claims use since Apr. 26, 1924.

Reg. No. 419,109. Registered Feb. 5, 1946. AIRCRAFT SCREW PRODUCTS COMPANY, INC., Long Island City, N. Y. Republished by Heli-Coil Corporation, Long Island City, N. Y., a corporation of New York.

HELI-COIL

The word "Coil" is disclaimed apart from the mark as shown.
FOR TOOLS, APPARATUS AND MACHINES FOR USE IN CONNECTION WITH SCREW CONNECTIONS AND THEIR PARTS—NAMELY, SCREW-THREAD-TAPPING TOOLS, COILING MACHINES FOR WIRE THREAD INSERTS, TOOLS FOR INSERTING AND EXTRACTING WIRE THREAD BUSHINGS, STAKING TOOLS FOR SECURING THREAD BUSHINGS IN BOSS MEMBERS.
Claims use since Nov. 20, 1942.

Reg. No. 428,164. Registered Mar. 11, 1947. WEBSTER ELECTRIC COMPANY, Racine, Wis., a corporation of Delaware. Republished by registrant.

Thermodrive

FOR THERMOSTATICALLY CONTROLLED, VARIABLE DIAMETER V PULLEYS.
Claims use since Mar. 15, 1946.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 228,643. Registered June 7, 1927. WASMUTH-ENDICOTT COMPANY, Andrews, Ind. Republished by The Kitchen Maid Corporation, Andrews, Ind., a corporation of Indiana.

KITCHEN MAID

FOR IRONING BOARDS.
Claims use since Nov. 8, 1922.

Reg. No. 257,702. Registered June 18, 1929. TROY LAUNDRY MACHINERY COMPANY, INC., New York, N. Y. Republished by American Machine & Metals, Inc., New York, N. Y., a corporation of Delaware.

TITAN

FOR LAUNDRY WASHING MACHINES.
Claims use since Dec. 28, 1928.

Reg. No. 407,623. Registered June 13, 1944. THE KITCHEN MAID CORPORATION, Andrews, Ind., a corporation of Indiana. Republished by registrant.

KITCHEN MAID

FOR IRONING BOARDS.
Claims use since July 1, 1932.

CLASS 25

LOCKS AND SAFES

Reg. No. 87,302. Registered July 2, 1912. YORK SAFE AND LOCK CO., York, Pa. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

YORK SAFES

FOR SAFES AND VAULT DOORS.
Claims use since about January 1884.

Reg. No. 161,934. Registered Nov. 28, 1922. DIEBOLD SAFE AND LOCK COMPANY, Canton, Ohio. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

DIEBOLD

FOR FILING SAFES, FIRE-PROOF SAFES, BURGLAR-PROOF SAFES, VAULT DOORS, LOCKS, AND SAFE-DEPOSIT BOXES.
Claims use since June 25 1859.

Reg. No. 404,085. Registered Nov. 2, 1943. DIEBOLD SAFE & LOCK COMPANY, Canton, Ohio, now by change of name Diebold, Incorporated. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

DIEBOLD

FOR FILING SAFES, FIREPROOF SAFES, BURGLARPROOF SAFES, VAULT DOORS, LOCKS, SAFE-DEPOSIT BOXES, MONEY CHESTS, LEDGER SAFES, RECORD DESK SAFES, AND TELLERS' SAFETY LOCKERS.
Claims use since Oct. 5, 1922.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 347,909. Registered July 13, 1937. BACHARACH INDUSTRIAL INSTRUMENT COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

draft-rite

FOR DRAFT GAUGES.
Claims use since Oct. 26, 1935.

Reg. No. 385,376. Registered Feb. 25, 1941. SCULLY SIGNAL COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

Whisalarm

FOR LIQUID LEVEL INDICATORS FOR LIQUID FUEL TANKS AND THE LIKE.
Claims use since Aug. 26, 1936.

Reg. No. 397,328. Registered Sept. 1, 1942. SCULLY SIGNAL COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

NOZALARM

FOR LIQUID LEVEL DETECTING ALARM ATTACHMENTS FOR LIQUID SUPPLY LINE NOZZLES TO WARN OPERATOR WHEN TANK IS FULL, SAID ATTACHMENTS BEING SOLD SEPARATELY OR COMPLETE WITH NOZZLES.
Claims use since Nov. 15, 1941.

Reg. No. 421,507. Registered June 4, 1946. HALPIN CO-AIRDINATOR COMPANY, Washington, D. C., a corporation of Florida. Republished by registrant.

COAIRDINATOR

FOR CHARTS AND COMPUTING INSTRUMENTS, FOR AIRCRAFT NAVIGATION.
Claims use since July 8, 1943.

Reg. No. 423,030. Registered Aug. 20, 1946. CARDINELL PRODUCTS, Montclair, N. J., a firm. Republished by registrant.

PLOTRACTOR

The word "Plot" is disclaimed apart from the mark as shown.
FOR PROTRACTORS.
Claims use since Mar. 30, 1944.

Reg. No. 428,179. Registered Mar. 11, 1947. BACHARACH INDUSTRIAL INSTRUMENT COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

tempscribe

FOR SMALL TEMPERATURE RECORDING INSTRUMENTS.
Claims use since Mar. 20, 1946.

Reg. No. 431,719. Registered Aug. 5, 1947. NU-DELL MANUFACTURING COMPANY, Chicago, Ill., assignor to Nu-Dell Plastics Corporation, Chicago, Ill. Republished by Nu-Dell Plastics Corporation, Chicago, Ill., a corporation of Illinois.

Weather Wizard

The word "Weather" is disclaimed apart from the mark as shown.
FOR WEATHER INDICATORS IN THE FORM OF A MINIATURE HOUSE CONSTRUCTION HAVING OPENINGS IN THE FRONT WALL THEREOF FOR FIGURETTES ON A PLATFORM TO EMERGE THERETHROUGH.
Claims use since Aug. 1, 1944.

CLASS 27

HOROLOGICAL INSTRUMENTS

Reg. No. 166,589. Registered Apr. 10, 1923. BENJAMIN LAERUS, New York, N. Y. Republished by Benrus Watch Company, Inc., New York, N. Y., a corporation of New York.

BENRUS

FOR WATCHES.
Claims use since April 1922.

Reg. No. 231,774. Registered Aug. 23, 1927. SCHEIN & ENGEL Co., doing business as Banner Watch Co., New York, N. Y. Republished by The Richter & Phillips Company, Cincinnati, Ohio, a corporation of Ohio.

SENECA

FOR WATCHES, WATCH MOVEMENTS AND PARTS OF THE SAME.
Claims use since on or about Feb. 10, 1927.

Reg. No. 409,523. Registered Oct. 10, 1944. BENRUS WATCH COMPANY, New York, N. Y. Republished by Benrus Watch Company, Inc., New York, N. Y., a corporation of New York.

Precious as Time

The word "Precious" is disclaimed apart from the mark as shown.
FOR WATCHES.
Claims use since Jan. 5, 1944.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 214,411. Registered June 22, 1926. BLANCARD & Co., INC., Newark, N. J. Republished by Blancard & Co., Inc., New York, N. Y., a corporation of New York.

Lohengrin

FOR WEDDING RINGS.
Claims use since Sept. 1, 1925.

Reg. No. 251,816. Registered Jan. 15, 1929. BLANCARD & COMPANY, INC., New York, N. Y. Republished by Blancard & Co., Inc., New York, N. Y., a corporation of New York.

CINDERELLA

FOR FINGER RINGS.
Claims use since Aug. 10, 1928.

Reg. No. 383,790. Registered Dec. 24, 1940. E. M. ROSENTHAL JEWELRY Co., Washington, D. C., a corporation of the District of Columbia. Republished by registrant.

BABYFAIR

FOR CHILDREN'S JEWELRY, PARTICULARLY RINGS, LOCKETS, BRACELETS, CROSSES, PENDANTS, NECKLACES, PINS, COMBS, BRUSHES, CUPS, KNIFE, FORK AND SPOON SETS, MADE IN WHOLE OR IN PART OF PRECIOUS METAL OR PLATED WITH THE SAME.
Claims use since June 18, 1940.

Reg. No. 390,626. Registered Sept. 30, 1941. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

Mignon

FOR BRACELETS AND BRACELET AND JEWELRY CHAINS GENERALLY.
Claims use since Apr. 4, 1941.

Reg. No. 422,701. Registered Aug. 6, 1946. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

FortyNiner

FOR WATCH BRACELETS, NOT INCLUDING WATCHES.
Claims use since July 9, 1945.

Reg. No. 433,057. Registered Sept. 23, 1947. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

Golden Knight

The word "Golden" is disclaimed apart from the mark as shown.
FOR BRACELETS (NOT INCLUDING WATCHES).
Claims use since Aug. 1, 1946.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 228,776. Registered June 7, 1927. WASMUTH-ENDICOTT COMPANY, Andrews, Ind. Republished by The Kitchen Maid Corporation, Andrews, Ind., a corporation of Indiana.

KITCHEN MAID

FOR REFRIGERATORS.
Claims use since Feb. 24, 1925.

Reg. No. 401,140. Registered Apr. 27, 1943. YATES-AMERICAN MACHINE COMPANY, Beloit, Wis., a corporation of Delaware. Republished by registrant.

Lipman Automatic Refrigeration

The words "Automatic Refrigeration" are disclaimed apart from the mark as shown.
FOR REFRIGERATION APPARATUS—NAMELY, REFRIGERATORS, REFRIGERATING MACHINES AND PARTS THEREOF.
Claims use since Apr. 13, 1926.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 103,403. Registered Mar. 30, 1915. WASMUTH-ENDICOTT COMPANY, Andrews, Ind. Republished by The Kitchen Maid Corporation, Andrews, Ind., a corporation of Indiana.

KITCHEN MAID

FOR KITCHEN CABINETS.
Claims use since June 25, 1914.

Reg. No. 201,182. Registered July 21, 1925. THE DEARBORN COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DEARMAID

FOR FURNITURE—NAMELY, HOUSEHOLD TABLES, COMBINATION TABLE CABINETS, SMOKING STANDS, FERNERIES, SEWING CABINETS, TELEPHONE STANDS AND CHAIRS, STOOLS, CHAIRS AND SETTEES, COUCH HAMMOCKS, SITTING BENCHES AND MEDICINE CABINETS.
Claims use since Jan. 1, 1921.

Reg. No. 229,229. Registered June 21, 1927. WASMUTH ENDICOTT COMPANY, Andrews, Ind. Republished by The Kitchen Maid Corporation, Andrews, Ind., a corporation of Indiana.

KITCHEN MAID

FOR KITCHEN CABINETS, CHINA CABINETS, WALL CABINETS OF THE PORTABLE TYPE, TABLES SUITABLE FOR HOUSEHOLD USE, CHAIRS SUITABLE FOR HOUSEHOLD USE, BENCHES, SEATS, BROOM CLOSETS OF THE PORTABLE TYPE, STORAGE COMPARTMENTS OF THE POTABLE TYPE, CUPBOARDS, BUTLERIES, MEDICINE CABINETS OF THE PORTABLE TYPE, KITCHEN DRESSERS.
Claims use since June 25, 1914.

Reg. No. 310,941. Registered Mar. 13, 1934. THE KITCHEN MAID CORPORATION, Andrews, Ind., a corportion of Indiana. Republished by registrant.

TEMPERPREST

FOR WOOD TABLE TOPS, AND WOOD SINK TOPS AND DRAIN BOARDS WITH AND WITHOUT SPLASH BACKS AND ENDS.
Claims use since on or about Dec. 31, 1932.

Reg. No. 399,675. Registered Jan. 26, 1943. VISIBLE RECORDS EQUIPMENT COMPANY, Chicago, Ill. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

TRĀ-DEX

The notation "Tra" is disclaimed apart from the mark as shown.
FOR VISIBLE RECORD POSTING STANDS AND TRAY FILES INCLUDING SECTIONAL PARTS THEREFOR.
Claims use since on or about Nov. 1, 1940.

Reg. No. 406,133. Registered Mar. 14, 1944. DIEBOLD SAFE & LOCK COMPANY, Canton, Ohio, now by change of name Diebold, Incorporated. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

DIEBOLD

FOR LETTER AND CARD FILING CASES; FILE CASES AND CABINETS WITH INSULATED WALLS; SECTIONAL DRAWER VISIBLE FILING CASES AND BASE, CABINET, DRAWER, TOP AND HANGER PARTS THEREOF; REFERENCE PANEL VISIBLE FILING CASES AND RACK AND PANEL PARTS THEREOF; ROTARY TYPE VISIBLE FILING CASES AND CABINET AND WHEEL RACK PARTS THEREOF, AND TRAYS THEREFOR; AND CARD INDEX, RECORD, BUSINESS AND FILING CABINETS AND TRAYS.
Claims use since Oct. 5, 1922.

Reg. No. 406,270. Registered Mar. 21, 1944. DIEBOLD, INCORPORATED, Canton, Ohio, a corporation of Ohio. Republished by registrant.

CARDINEER

FOR ROTARY TYPE VISIBLE FILING CASES AND CABINET AND WHEEL RACK PARTS THEREOF, AND CARD INDEX, RECORD AND BUSINESS FILING CABINETS.
Claims use since 1938.

Reg. No. 407,449. Registered June 6, 1944. THE KITCHEN MAID CORPORATION, Andrews, Ind., a corportion of Indiana. Republished by registrant.

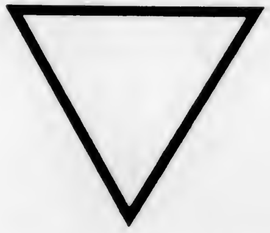
KITCHEN MAID

FOR KITCHEN CABINET BASE UNITS, KITCHEN CABINET WALL UNITS, KITCHEN BROOM STORAGE UNITS, KITCHEN SHELF UNITS, AND KITCHEN COUNTER TOPS.
Claims use since July 1, 1932.

CLASS 33

GLASSWARE

Reg. No. 43,457. Registered Oct. 4, 1904. PRESSED PRISM PLATE GLASS COMPANY, Morgantown, W. Va., a corporation of West Virginia. Republished by registrant.



FOR SLABS OR PLATES OF VITREOUS MATERIAL.
Claims use since on or about May 15, 1904.

Reg. No. 43,458. Registered Oct. 4, 1904. PRESSED PRISM PLATE GLASS COMPANY, Morgantown, W. Va., a corporation of West Virginia. Republished by registrant.

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FOR SLABS OR PLATES OF VITREOUS MATERIAL WHICH ARE USED FOR THE VARIOUS PURPOSES IN THE ART TO WHICH SLABS OR PLATES OF VITREOUS MATERIAL ARE COMMONLY APPLIED.
Claims use since on or about May 15, 1904.

Reg. No. 403,024. Registered Aug. 31, 1943. NATIONAL GLASS DISTRIBUTORS ASSOCIATION, Chicago, Ill., an unincorporated association. Republished by registrant.



The words "Auto Glass Parts Service," are disclaimed apart from the mark as shown.
FOR FLAT GLASS.
Claims use since 1936.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 101,973. Registered Jan. 19, 1915. PARAMOUNT METAL FORM DRYING COMPANY, Beaver Dam, Wis. Republished by Paramount Textile Machinery Co., Chicago, Ill., a corporation of Illinois.

PARAMOUNT

FOR HOSIERY-DRYING FORMS.
Claims use since Apr. 15, 1913.

Reg. No. 231,327. Registered Aug. 16, 1927. THE NU-WAY CORPORATION, Rock Island, Ill., a corporation of Illinois. Republished by registrant.

Nu-way

FOR LIQUID-FUEL BURNERS FOR USE IN CONNECTION WITH WARM AIR, HOT WATER, STEAM AND OTHER HEATING APPARATUS.
Claims use since Nov. 15, 1923.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 17,054. Registered Sept. 24, 1889. GREENE, TWEED & CO., New York, N. Y. Republished by Greene, Tweed & Co., New York, N. Y., a corporation of New York.

MANHATTAN.

FOR MACHINERY PACKING.
Claims use since about 1874.

Reg. No. 65,028. Registered Sept. 3, 1907. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant.



FOR LEATHER BELTING AND FABRIC BELTING.
Claims use since Feb. 25, 1907.

Reg. No. 05,667. Registered Mar. 3, 1914. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant, present location Philadelphia, Pa.



FOR FLAT LEATHER BELTING, ROUNDED LEATHER BELTING, LEATHER CORD, V-SHAPED BELTING, CUT LEATHER LACING, AND "SQUARE" LEATHER BELTING.
Claims use since May 10, 1902.

Reg. No. 118,222. Registered Aug. 21, 1917. J. E. RHOADS & SONS, Philadelphia, Pa., and Wilmington, Del., a firm. Republished by registrant.



FOR LEATHER BELTING, ROUND LEATHER BELTING, CUT LEATHER, LEATHER LACING, COMBINED LEATHER AND FABRIC BELTING, LEATHER VALVES AND LEATHER WASHERS.
Claims use since Feb. 25, 1907.

Reg. No. 228,201. Registered May 24, 1927. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



FOR VALVE LEATHERS, LEATHER VALVE WASHERS, AND LEATHER VALVE DISKS OF THE WASHER TYPE FOR PACKING PURPOSES.
Claims use since July 23, 1925.

615 O. G.—7

Reg. No. 252,430. Registered Feb. 5, 1929. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



WATERSHED

The words "Powerhold Watershed" are disclaimed apart from the mark as shown.
FOR LEATHER BELTING.
Claims use since June 1, 1928.

Reg. No. 252,431. Registered Feb. 5, 1929. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



WATERSHED

The words "Power Watershed" are disclaimed apart from the mark as shown.
FOR LEATHER BELTING.
Claims use since Oct. 25, 1927.

Reg. No. 252,432. Registered Feb. 5, 1929. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



WATERSHED

The word "Watershed" is disclaimed apart from the mark as shown.
FOR LEATHER BELTING.
Claims use since Oct. 13, 1927.

Reg. No. 252,433. Registered Feb. 5, 1929. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.

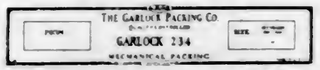


WATERSHED

The word "Watershed" is disclaimed apart from the mark as shown.

FOR LEATHER BELTING.
Claims use since Oct. 31, 1927.

Reg. No. 265,848. Registered Jan. 7, 1930. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



All of the wording except "Garlock," "The Garlock Packing Co." and "Garlock 234" is disclaimed apart from the mark as shown.

FOR PACKING AND PACKING MATERIAL MADE WHOLLY OF OR FROM VARIOUS COMBINATIONS OF ASBESTOS, RUBBER, COTTON, FLAX, COPPER, LEAD, IRON, AND BABBITT.
Claims use since Feb. 26, 1924.

Reg. No. 271,135. Registered May 27, 1930. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



FOR U LEATHERS, CUP LEATHERS, AND HAT OR FLANGE LEATHERS, THE PURPOSE OF SAID LEATHERS BEING TO ELIMINATE LEAKAGE.
Claims use since Sept. 21, 1929.

Reg. No. 291,050. Registered Jan. 26, 1932. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



FOR MACHINERY PACKING MADE OF FIBROUS MATERIAL AND RUBBER COMPOSITION.
Claims use since Aug. 13, 1931.

Reg. No. 291,999. Registered Mar. 1, 1932. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

GUARDIAN

FOR SEMI-METALLIC GASKETS.
Claims use since Oct. 22, 1931.

Reg. No. 336,030. Registered June 23, 1936. CRANDALL PACKING COMPANY, Palmyra, N. Y. Republished by The Garlock Packing Company, Palmyra, N. Y., a corporation of New York.



FOR STEAM, WATER, GAS, AIR, AND AMMONIA PACKING, CONSISTING OF A ROPE-LIKE BODY OF FIBROUS MATERIAL IMPREGNATED WITH AN UNCTUOUS SUBSTANCE.
Claims use since June 30, 1928.

Reg. No. 336,283. Registered June 30, 1936. THE SPIEGEL, MAY, STERN COMPANY, INCORPORATED, Chicago, Ill. Republished by Spiegel, Inc., Chicago, Ill., a corporation of Delaware.

ESCORT

FOR PNEUMATIC VEHICLE TIRES AND INNER TUBES THEREFOR.
Claims use since Jan. 30, 1936.

Reg. No. 353,860. Registered Jan. 18, 1938. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

BITAN

FOR LEATHER PACKINGS, CUPS, WASHERS, GASKETS AND DISCS.
Claims use since August 1936.

Reg. No. 359,590. Registered Aug. 23, 1938. RUDOLPH W. MILLER, doing business as Miller Felpax Company, Winona, Minn. Republished by Miller Felpax Corporation, Winona, Minn., a corporation of Minnesota.

FELPAX

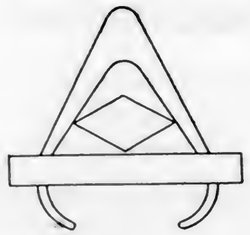
FOR LUBRICATOR FILLERS FOR JOURNAL BOXES.
Claims use since Sept. 2, 1937.

Reg. No. 372,869. Registered Nov. 14, 1939. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

GARLOCK

FOR BRAKE LINING.
Claims use since April 1930.

Reg. No. 372,870. Registered Nov. 14, 1939. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



FOR BRAKE LINING.
Claims use since April 1930.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 63,746. Registered July 9, 1907. GEO. W. GITTINS, New York, N. Y., assignor to Milton Piano Company, New York, N. Y. Republished by Kohler & Campbell, Inc., New York, N. Y., a corporation of New York.

Milton

FOR PIANOS.
Claims use since Jan. 15, 1858.

Reg. No. 78,484. Registered June 21, 1910. BEHNING PIANO COMPANY, New York, N. Y. Republished by Kohler & Campbell, Inc., New York, N. Y., a corporation of New York.

Behning

FOR PIANOS.
Claims use since 1879.

CLASS 37

PAPER AND STATIONERY

Reg. No. 31,793. Registered July 12, 1898. WHITING PAPER CO., Holyoke, Mass. Republished by Whiting & Company Incorporated, Holyoke, Mass., a corporation of Massachusetts.

TRADE BOND

FOR WRITING PAPER.
Claims use since February 1898.

Reg. No. 88,026. Registered Aug. 20, 1912. RHINELANDER PAPER COMPANY, Rhinelander, Wis. Republished by Nekoosa-Edwards Paper Company, Port Edwards, Wis., a corporation of Wisconsin.

King William

FOR WRAPPING PAPER.
Claims use since Apr. 20, 1910.

Reg. No. 198,460. Registered May 19, 1925. VISIBLE RECORDS EQUIPMENT COMPANY, Chicago, Ill. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

FLEX SITE

FOR LOOSE-LEAF RECORD BOOKS WHICH ARE ADAPTED TO BE USED FOR BUSINESS AND BOOKKEEPING RECORDS.
Claims use since Aug. 1, 1924.

Reg. No. 311,335. Registered Mar. 20, 1934. A. KIMBALL COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

KIMFLEX

FOR PRICE TAGS.
Claims use since Sept. 17, 1931.

Reg. No. 312,606. Registered May 1, 1934. A. KIMBALL COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

KIMCO

FOR PRICE TAGS.
Claims use since Feb. 8, 1928.

Reg. No. 404,119. Registered Nov. 2, 1943. DIEBOLD SAFE & LOCK COMPANY, Canton, Ohio, now by change of name Diebold, Incorporated. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.



FOR INDEX CARDS, INDEX FOLDERS, INDEX GUIDES, INDEX TABS, RECORD CARDS, SINGLE AND FOLD-OVER CARD FORMS, AND BUSINESS FORMS.
Claims use since 1938.

Reg. No. 410,202. Registered Nov. 14, 1944. DIEBOLD, INCORPORATED, Canton, Ohio, a corporation of Ohio. Republished by registrant.

Tra-dex

FOR BUSINESS, BOOKKEEPING, FILING, AND POSTING RECORD EQUIPMENT IN VISIBLE SHEET FORM—NAMELY, BUSINESS, BOOKKEEPING, INDEX AND RECORD FORMS, SHEETS AND CARDS; AND GUIDES, DIVIDERS, AND TABS THEREFOR.
Claims use since Nov. 1, 1940.

Reg. No. 410,470. Registered Nov. 28, 1944. DIEBOLD, INCORPORATED, Canton, Ohio, a corporation of Ohio. Republished by registrant.

Flex-Site

FOR BUSINESS, BOOKKEEPING, FILING, AND POSTING RECORD EQUIPMENT IN VISIBLE LOOSE LEAF FORM—NAMELY, LOOSE LEAF BOOKS AND BINDERS; BUSINESS, BOOKKEEPING, INDEX AND RECORD FORMS, SHEETS AND CARDS; AND GUIDES, DIVIDERS, AND TABS THEREFOR.
Claims use since Aug. 1, 1924.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 69,299. Registered June 2, 1908. FELIX AGNUS, TRUSTEE, Baltimore, Md. Republished by Hearst Consolidated Publications, Inc., Baltimore, Md., a corporation of Delaware.

Baltimore American.

FOR NEWSPAPER.
Claims use since Dec. 3, 1883, and prior thereto.

Reg. No. 224,902. Registered Mar. 8, 1927. DIEBOLD SAFE & LOCK COMPANY, Canton, Ohio. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.

DIEBOLD

FOR PERIODICAL PUBLICATION AND CATALOGS.
Claims use since October 1922.

Reg. No. 332,886. Registered Mar. 3, 1936. CUE PUBLISHING CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

cue

FOR WEEKLY PERIODICAL.
Claims use since Dec. 8, 1934.

Reg. No. 354,754. Registered Feb. 22, 1938. RANDOM HOUSE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

LIBRARY OF THE WORLD'S GREAT THINKERS

FOR SERIES OF BOOKS PUBLISHED FROM TIME TO TIME.
Claims use since Sept. 15, 1937.

Reg. No. 402,180. Registered July 6, 1943. THE NATIONAL HORSEMAN, Louisville, Ky., a firm. Republished by registrant.

THE NATIONAL HORSEMAN

FOR MAGAZINE.
Claims use since 1865.

Reg. No. 403,511. Registered Sept. 28, 1943. AIRCRAFT SCREW PRODUCTS COMPANY, INC., Long Island City, N. Y. Republished by Heli-Coil Corporation, Long Island City, N. Y., a corporation of New York.

THE AEROTHREADER

FOR MAGAZINE.
Claims use since Apr. 5, 1943.

Reg. No. 416,605. Registered Sept. 25, 1945. NATIONAL GLASS DISTRIBUTORS ASSOCIATION, Chicago, Ill., an unincorporated association. Republished by registrant.

NATIONAL GLASS DISTRIBUTORS ASSOCIATION
AUTO GLASS PARTS SERVICE

All the words except the word "National" are disclaimed apart from the mark as shown.
FOR PAMPHLETS UTILIZED BY THE MEMBERS OF THE ASSOCIATION IN THE SALE OF FLAT GLASS.
Claims use since 1936.

Reg. No. 431,928. Registered Aug. 12, 1947. FOOD FAIR STORES, INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

FOOD FAIR FREDDIE

FOR CARTOONS.
Claims use since October 1944.

CLASS 39

CLOTHING

Reg. No. 100,949. Registered Nov. 3, 1914. THE BLACK MANUFACTURING CO., Seattle, Wash., a corporation of Washington. Republished by registrant.

BLACK BEAR BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR OVERALLS, MACKINAWS, WATERPROOF OUTERGARMENTS, FLANNEL SHIRTS, KHAKIS, AND DUSTERS.
Claims use since October 1902.

Reg. No. 123,227. Registered Oct. 22, 1918. J. J. GROVER'S SONS, Lynn, Mass. Republished by J. J. Grover Shoe Co., Inc., Haverhill, Mass., a corporation of Massachusetts.

FOR WOMEN'S AND MISSES' BOOTS AND SHOES MADE WHOLLY OR IN PART OF LEATHER AND CLOTH.
Claims use since Apr. 7, 1916.

Reg. No. 124,527. Registered Feb. 25, 1919. WM. FILENE'S SONS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Filene's

FOR SOCKS MADE OF KNITTED MATERIALS, GLOVES MADE OF LEATHER AND OF KNITTED MATERIALS AND OF TEXTILE MATERIALS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since about May 6, 1894.

Reg. No. 205,461. Registered Nov. 10, 1925. WELLS-LAMONT MFG. CO., Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



FOR COTTON GLOVES, JERSEY GLOVES, AND LEATHER-PALM COMBINATION GLOVES.
Claims use since on or about Nov. 1, 1924.

Reg. No. 219,664. Registered Oct. 19, 1926. SAM ROSENBAUM & SONS COMPANY, doing business as Kalamazoo Pant Company, Kalamazoo, Mich. Republished by Kalamazoo Pant Company, Kalamazoo, Mich., a corporation of Michigan.

Chappies

FOR BOYS' TROUSERS.
Claims use since Mar. 1, 1925.

Reg. No. 231,029. Registered Aug. 9, 1927. SAM ROSENBAUM & SONS COMPANY, doing business as Kalamazoo Pant Company, Kalamazoo, Mich. Republished by Kalamazoo Pant Company, Kalamazoo, Mich., a corporation of Michigan.

ONE-A-JUST

FOR MEN'S, WOMEN'S AND CHILDREN'S KNICKERBOCKERS AND RIDING BREECHES.
Claims use since Feb. 1, 1924.

Reg. No. 250,184. Registered Dec. 4, 1928. HORACE L. ALLEN MFG. CO., Nashville, Tenn. Republished by Washington Manufacturing Company, Nashville, Tenn., a corporation of Tennessee.

KAPTAIN KID

FOR BOYS' AND MEN'S WORK, DRESS, AND NEGLIGEE SHIRTS.
Claims use since April 1927.

Reg. No. 251,327. Registered Jan. 1, 1929. WELLS-LAMONT MANUFACTURING CO., Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



WHITE MULE
IT'S TOUGH

The phrase "It's Tough" is disclaimed apart from the mark as shown.
FOR WORKING MEN'S GLOVES OF LEATHER FACED COTTON.
Claims use since Nov. 1, 1927.

Reg. No. 252,947. Registered Feb. 19, 1929. THOMAS MILLS, INC., High Point, N. C., a corporation of North Carolina. Republished by registrant.



RETRIEVER

FOR HOSIERY.
Claims use since Aug. 28, 1928.

Reg. No. 258,052. Registered June 25, 1929. THOMAS MILLS, INC., High Point, N. C., a corporation of North Carolina. Republished by registrant.



FOR HOSIERY.
Claims use since Oct. 22, 1928.

Reg. No. 263,690. Registered Nov. 12, 1929. THE BLACK MANUFACTURING CO., Seattle, Wash., a corporation of Washington. Republished by registrant.



FOR OVERALLS, JUMPERS, PLAY SUITS, COMBINATION SUITS AND PANTS, WORK PANTS, DRESS PANTS, DRESS AND NEGLIGEE SHIRTS FOR MEN AND BOYS, COTTON WORK SHIRTS, FLANNEL SHIRTS, OVERCOATS, RAIN-REPELLENT PANTS AND SHIRTS, ALSO MACKINAWS, STAG SHIRTS, AND BLAZERS.
Claims use since October 1902.

Reg. No. 270,126. Registered Apr. 29, 1930. A. H. SCHREIBER COMPANY, New York, N. Y. Republished by A. H. Schreiber Co., Inc., New York, N. Y., a corporation of New York.

Sylcraft

FOR LADIES UNDERWEAR.
Claims use since September 1926.

Reg. No. 272,368. Registered July 8, 1930. THOMAS MILLS, INC., High Point, N. C., a corporation of North Carolina. Republished by registrant.

GRAND PA

FOR HOSIERY.
Claims use since Nov. 15, 1929.

Reg. No. 279,695. Registered Jan. 20, 1931. THE JULIAN AND KOKENGE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant, present location Columbus, Ohio.



The words "Fits the Arch" and "Shoe" are disclaimed apart from the mark as shown.
FOR MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS OF THESE MATERIALS.
Claims use since 1908.

Reg. No. 281,444. Registered Mar. 17, 1931. THOMAS MILLS, INC., High Point, N. C., a corporation of North Carolina. Republished by registrant.

Conquest

FOR HOSIERY.
Claims use since Oct. 2, 1930.

Reg. No. 302,617. Registered Apr. 25, 1933. KIRBY, BLOCK & FISCHER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

KIRBURY

FOR BOYS' AND MEN'S CLOTHING AND FURNISHINGS AND FOR WOMEN'S, MISSES', AND CHILDREN'S WEARING APPAREL, VIZ., UNDERWEAR, HOSIERY AND LEATHER AND FABRIC GLOVES.
Claims use since Sept. 10, 1932.

Reg. No. 324,265. Registered May 14, 1935. BROOM & NEWMAN, New York, N. Y., a co-partnership. Republished by registrant.



The word "Trent" is disclaimed apart from the mark as shown.
FOR DRESS AND NEGLIGEE SHIRTS, PAJAMAS AND SHORTS.
Claims use since Sept. 8, 1932.

Reg. No. 329,587. Registered Nov. 5, 1935. S. LIEBOVITZ & SONS, INC., New York, N. Y. Republished by Kalamazoo Pant Company, Kalamazoo, Mich., a corporation of Michigan.

David Copperfield

FOR DRESS, NEGLIGEE, AND WORK SHIRTS, PAJAMAS, POLO SHIRTS, WINDBREAKERS, LUMBER JACKETS, LOUNGING ROBES, BATH ROBES, SMOKING JACKETS, NIGHT SHIRTS FOR MEN AND BOYS, AND BLOUSES, PLAY SUITS FOR CHILDREN.
Claims use since Feb. 5, 1934.

Reg. No. 339,912. Registered Oct. 27, 1936. SAM ROSENBAUM & SONS COMPANY, doing business as Kalamazoo Pant Company, Kalamazoo, Mich. Republished by Kalamazoo Pant Company, Kalamazoo, Mich., a corporation of Michigan.

David Copperfield

FOR MEN'S AND BOYS' LONG PANTS, KNICKERS, SHORTS FOR OUTER WEAR, SWEATERS AND MEN'S AND BOYS' HATS AND CAPS.
Claims use since Mar. 22, 1935.

Reg. No. 342,531. Registered Jan. 19, 1937. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

WHITE COW

FOR WORK GLOVES OF LEATHER.
Claims use since July 30, 1936.

Reg. No. 342,532. Registered Jan. 19, 1937. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BROWN MULE

FOR WORK GLOVES OF LEATHER AND COMBINED LEATHER AND FABRIC.
Claims use since July 30, 1936.

Reg. No. 350,017. Registered Sept. 14, 1937. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

ACTIVE MODERNS

FOR WOMEN'S SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.
Claims use since Mar. 10, 1937.

Reg. No. 350,868. Registered Oct. 12, 1937. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



FOR WOMEN'S, MISSES', AND FEMALE CHILDREN'S AND INFANTS' SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.
Claims use since Nov. 1, 1924.

Reg. No. 350,869. Registered Oct. 12, 1937. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



The word "Shoe" is disclaimed apart from the mark as shown.
FOR WOMEN'S, MISSES' AND FEMALE CHILDREN'S AND INFANTS' SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.
Claims use since May 1915.

Reg. No. 350,870. Registered Oct. 12, 1937. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

SELBY
ARCH PRESERVER
SHOE

The word "Shoe" is disclaimed apart from the mark as shown.

FOR WOMEN'S, MISSES' AND FEMALE CHILDREN'S AND INFANTS' SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.

Claims use since Nov. 1, 1924.

Reg. No. 350,968. Registered Oct. 12, 1937. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

ARCH
PRESERVER

FOR WOMEN'S, MISSES' AND FEMALE CHILDREN'S AND INFANTS' SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.

Claims use since May 1915.

Reg. No. 356,739. Registered May 10, 1938. M. H. RAAB-MEYERHOFF CO. INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Leisure Wear

The word "Wear" is disclaimed apart from the mark as shown.

FOR DRESS SHIRTS.

Claims use since Sept. 13, 1937.

Reg. No. 361,484. Registered Oct. 18, 1938. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Republished by National Hosiery Mills, Inc., Indianapolis, Ind., a corporation of Indiana.

Round the Clock

FOR HOSIERY.

Claims use since December 1937.

Reg. No. 362,988. Registered Dec. 6, 1938. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Republished by National Hosiery Mills, Inc., Indianapolis, Ind., a corporation of Indiana.

Morn-Noon-Nite

FOR HOSIERY.

Claims use since June 21, 1938.

Reg. No. 364,233. Registered Jan. 24, 1939. ALLIED STORES CORPORATION, Wilmington, Del., and Seattle, Wash., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

Marlene

FOR HOSIERY.

Claims use since Apr. 20, 1938.

Reg. No. 364,739. Registered Feb. 14, 1939. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Republished by National Hosiery Mills, Inc., Indianapolis, Ind., a corporation of Indiana.

Appointment
HOSIERY

The term "Hosiery" is disclaimed apart from the mark as shown.

FOR HOSIERY.

Claims use since June 1938.

Reg. No. 374,356. Registered Jan. 9, 1940. BECKER & PECK INCORPORATED, New York, N. Y. Republished by H. Becker Co., Inc., New York, N. Y., a corporation of New York.



FOR BABY BOY SUITS AND BOYS' SUITS, SUNSUITS, OVERALLS AND SKI SUITS.

Claims use since Feb. 15, 1938.

Reg. No. 386,389. Registered Apr. 8, 1941. THE SCHIFF COMPANY, Columbus, Ohio. Republished by Shoe Corporation of America, Columbus, Ohio, a corporation of Ohio.

Madison Square

The word "Madison" is disclaimed apart from the mark as shown.

FOR SHOES MADE OF LEATHER, FABRIC, RUBBER, OR COMBINATIONS THEREOF.

Claims use since Aug. 21, 1937.

Reg. No. 388,783. Registered July 8, 1941. ALLIED STORES CORPORATION, Wilmington, Del., and Seattle, Wash., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

CAMBROOKE

FOR LADIES' COATS AND SUITS.

Claims use since Jan. 10, 1941.

Reg. No. 388,972. Registered July 22, 1941. RAAB CUSTOM TAILORS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

RAAB



The drawing is lined for the color red.

FOR SUITS, WAISTCOATS, TROUSERS, AND COATS FOR THE USE OF MEN, YOUNG MEN, AND BOYS.

Claims use since Mar. 1, 1936.

Reg. No. 390,660. Registered Sept. 30, 1941. TREO COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TREO

FOR GIRDLES, CORSETS, BRASSIÈRES, PANTIES, CORSELETS, BANDEAUX, GARTER BELTS, MATERNITY BELTS, MATERNITY GIRDLES, AND FOUNDATION GARMENTS.

Claims use since Dec. 1, 1913.

Reg. No. 392,773. Registered Jan. 13, 1942. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

SELBY

FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER, OR COMBINATIONS OF THESE MATERIALS.

Claims use since 1880.

Reg No. 392,774. Registered Jan. 13, 1942. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Selby SHOES

The word "Shoes" is disclaimed apart from the mark shown.

FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER, OR COMBINATIONS OF THESE MATERIALS.

Claims use since 1880.

Reg. No. 398,273. Registered Feb. 3, 1942. WELLS LAMONT SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

MULE

FOR WORK GLOVES.

Claims use since Nov. 1, 1927.

Reg. No. 398,616. Registered Nov. 10, 1942. WELLS LAMONT SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

BROWN HORSE

FOR WORK GLOVES.

Claims use since Sept. 20, 1937.

Reg. No. 398,722. Registered Nov. 17, 1942. WELLS LAMONT SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

WHITE



OWL

FOR WORK GLOVES.

Claims use since Jan. 17, 1938.

Reg. No. 399,009. Registered Dec. 8, 1942. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



FOR WORK GLOVES.
Claims use since Nov. 15, 1940.

Reg. No. 399,687. Registered Jan. 26, 1943. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER, OR COMBINATIONS OF THESE MATERIALS.
Claims use since Apr. 15, 1942.

Reg. No. 401,523. Registered May 25, 1943. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER OR COMBINATIONS OF THESE MATERIALS.
Claims use since Apr. 15, 1942.

Reg. No. 401,564. Registered May 25, 1943. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Easy Goers

The word "Easy" is disclaimed apart from the mark as shown.
FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER OR COMBINATIONS OF THESE MATERIALS.
Claims use since Dec. 15, 1941.

Reg. No. 406,584. Registered Apr. 11, 1944. ALLIED STORES CORPORATION, Wilmington, Del., Seattle, Wash., Syracuse, N. Y., and Paterson, N. J., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

Clairborne

FOR WOMEN'S READY TO WEAR AND ACCESSORIES—NAMELY, COATS, DRESSES, SUITS, NEGLIGEES, PAJAMAS, UNDERWEAR, GLOVES OF LEATHER AND FABRIC, HATS, SHOES OF LEATHER, RUBBER AND FABRIC, HOSIERY, CORSETS, BLOUSES, RIDING BOOTS, BREECHES, JODPHURS, BATHING SUITS, BEACH ROBES, PLAY SUITS, SWEATERS AND OUTER SKIRTS.
Claims use since May 18, 1943.

Reg. No. 408,806. Registered Aug. 29, 1944. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER OR COMBINATIONS OF THESE MATERIALS.
Claims use since Apr. 15, 1942.

Reg. No. 411,083. Registered Jan. 2, 1945. FENWAY COATS, New York, N. Y. Republished by Fenway Coats, Inc., New York, N. Y., a corporation of New York.

CHILLAPACA

FOR LADIES' AND MISSES' COATS, SUITS AND COAT AND SUIT ENSEMBLES.
Claims use since May 4, 1943.

Reg. No. 414,010. Registered May 22, 1945. RHYTHM LINGERIE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

RHYTHMESE BIAS BAND

The words "Bias Band" are disclaimed apart from the mark as shown.
FOR LADIES' AND MISSES' SLIPS AND NIGHT GOWNS.
Claims use since Oct. 20, 1942.

Reg. No. 414,409. Registered June 12, 1945. A. H. SCHREIBER CO., INC., New York, N. Y., assignor to A. H. Schreiber Co., New York, N. Y. Republished by A. H. Schreiber Co., Inc., New York, N. Y., a corporation of New York.

Skintees

FOR LADIES' PANTIES.
Claims use since Feb. 15, 1931.

Reg. No. 416,227. Registered Sept. 4, 1945. FRED & CLARK HAAS, INC., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

"frë-lark"

FOR ALL TYPES OF WOMEN'S WEARING APPAREL—NAMELY, SUITS, DRESSES, COATS, SHIRTS, SWEATERS, AND BLOUSES, AND HOSIERY.
Claims use since on or about Sept. 1, 1937.

Reg. No. 432,373. Registered Sept. 2, 1947. SULLOWAY HOSIERY MILLS, Franklin, N. H., a corporation of New Hampshire. Republished by registrant.



FOR HOSIERY.
Claims use since Jan. 5, 1945.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 212,222. Registered Apr. 27, 1926. WILLIAM E. WRIGHT & SONS COMPANY, Orange, N. J., a corporation of New Jersey. Republished by registrant, present location West Warren, Mass.



FOR BIAS-FOLD TAPES AND TRIMMINGS.
Claims use since Jan. 1, 1904.

Reg. No. 232,629. Registered Sept. 13, 1927. WILLIAM E. WRIGHT & SONS COMPANY, Orange, N. J., a corporation of New Jersey. Republished by registrant, present location West Warren, Mass.



The words "Bias Fold Tape" and "It Turns Itself" are disclaimed apart from the mark as shown.
FOR BIAS-FOLD TAPES, AND TRIMMINGS OF FABRICS.
Claims use since Nov. 15, 1915.

Reg. No. 341,143. Registered Dec. 1, 1936. RUSSELL FRASER WIRE COMPANY, Maspeth, N. Y. Republished by Fraser Manufacturing Company, Inc., New York, N. Y., a corporation of New York.

Raphael

FOR RAYON CORD KNOWN AS GIMP.
Claims use since May 19, 1933.

Reg. No. 372,618. Registered Nov. 7, 1939. FRASER MANUFACTURING CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

"Raphael Brand" Wire

The words "Brand" and "Wire" are disclaimed apart from the mark as shown.

FOR COVERED WIRE FOR OBTAINING BODY AND FIRMNESS IN HATS, BAGS, AND THE LIKE.

Claims use since Apr. 18, 1939.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 39,756. Registered Feb. 10, 1903. ERNEST & HERMAN LEVY, New York, N. Y. Republished by Century Ribbon Mills, Inc., New York, N. Y., a corporation of New York.

CENTURY

FOR RIBBONS.

Claims use since Apr. 1, 1901.

Reg. No. 66,323. Registered Nov. 19, 1907. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BM

FOR COTTON PIECE GOODS.

Claims use since prior to December 1852.

Reg. No. 79,402. Registered Sept. 6, 1910. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

ARGYLE

FOR COTTON PIECE GOODS.

Claims use since before November 1878.

Reg. No. 106,845. Registered Nov. 2, 1915. DEVONSHIRE MILLS CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

ENDURO

FOR COTTON GOODS IN THE PIECE AND SILK AND COTTON GOODS IN THE PIECE.

Claims use since June 1, 1915.

Reg. No. 133,912. Registered Aug. 10, 1920. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.



FOR COTTON PIECE GOODS.

Claims use since 1853.

Reg. No. 161,531. Registered Nov. 14, 1922. ERNEST & HERMAN LEVY, INC., New York, N. Y. Republished by Century Ribbon Mills, Inc., New York, N. Y., a corporation of New York.



FOR VELVET RIBBON.

Claims use since Dec. 14, 1921.

Reg. No. 242,331. Registered May 22, 1928. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

Belle-Vue

FOR CURTAINS MADE FROM COTTON, RAYON, OR LACE OR COMBINATIONS THEREOF.

Claims use since May 19, 1927.

Reg. No. 248,668. Registered Oct. 30, 1928. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BOOTT MILLS GENUINE HARDANGER

The words "Genuine Hardanger" are disclaimed apart from the mark as shown.

FOR COTTON CLOTH OF OPEN TEXTURE IN THE PIECE.

Claims use since Feb. 14, 1928.

Reg. No. 254,468. Registered Mar. 26, 1929. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BeauRivage

FOR SCRIM IN THE PIECE AND CURTAINS MADE THEREFROM.

Claims use since Apr. 27, 1928.

Reg. No. 259,572. Registered Aug. 6, 1929. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

SUNNYWEAR

FOR COTTON PIECE GOODS.

Claims use since Jan. 8, 1929.

Reg. No. 261,257. Registered Sept. 10, 1929. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BOOTT MILLS

FOR SCRIM, CURTAINS, AND HAND AND BATH TOWELS, AND TOWELING OF COTTON AND WOOL TEXTILE MATERIAL.

Claims use since May 1927.

Reg. No. 268,387. Registered Mar. 11, 1930. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

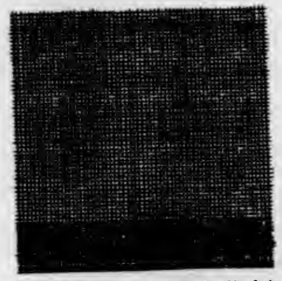


The drawing is lined for the color red.

FOR HAND TOWELS AND BATH TOWELS OF TEXTILE MATERIAL.

Claims use since Apr. 9, 1928.

Reg. No. 277,888. Registered Dec. 2, 1930. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.



The representation of the goods is disclaimed.

FOR SCRIM IN THE PIECE AND MADE INTO CURTAINS.

Claims use since Apr. 28, 1930.

Reg. No. 305,821. Registered Aug. 22, 1933. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BOOTTINET

FOR CURTAINS.

Claims use since Mar. 7, 1933.

Reg. No. 349,320. Registered Aug. 24, 1937. DEVONSHIRE MILLS COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ENDURO

FOR WIDE GOODS IN THE PIECE MADE OF YARNS COMPRISING RAYON AND COTTON, AND WIDE ELASTIC GOODS IN THE PIECE MADE OF YARNS COMPRISING RUBBER AND COTTON, RUBBER AND RAYON, AND RUBBER, COTTON, AND RAYON.

Claims use since 1927.

Reg. No. 350,129. Registered Sept. 14, 1937. CENTURY RIBBON MILLS, INC. (ERNEST & HERMAN LEVY), New York, N. Y. Republished by Century Ribbon Mills, Inc., New York, N. Y., a corporation of New York.

EXCELSIOR

FOR RIBBONS MANUFACTURED FROM SILK, COTTON, RAYON, VELVET, CHENILLE, AND OTHER TEXTILE FABRICS OF VARIOUS NATURES AND DESCRIPTIONS.
Claims use since 1920.

Reg. No. 350,130. Registered Sept. 14, 1937. CENTURY RIBBON MILLS, INC. (ERNEST & HERMAN LEVY), New York, N. Y. Republished by Century Ribbon Mills, Inc., New York, N. Y., a corporation of New York.

Princess

FOR RIBBONS, MANUFACTURED FROM SILK, COTTON, RAYON, VELVET, CHENILLE, AND OTHER TEXTILE FABRICS OF VARIOUS NATURES AND DESCRIPTIONS.
Claims use since 1920.

Reg. No. 367,582. Registered May 23, 1939. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

Sponge-Tex

The word "Sponge" is disclaimed apart from the mark as shown.
FOR TOWELS.
Claims use since Nov. 8, 1938.

Reg. No. 368,851. Registered July 4, 1939. S. M. SCHWAB JR. & CO., New York, N. Y., a corporation of New York. Republished by registrant.

Selected Vats

The word "Selected" is disclaimed apart from the mark as shown.
FOR COTTON AND CRETONNE PIECE GOODS.
Claims use since Nov. 15, 1934.

Reg. No. 374,017. Registered Dec. 26, 1939. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BOOTTUROY

FOR CORDUROY IN THE PIECE.
Claims use since Aug. 17, 1939.

Reg. No. 386,796. Registered Apr. 22, 1941. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

AB-SORB-TEX

The word "Absorb" is disclaimed apart from the mark as shown.
FOR TOWELS AND TOWELLING.
Claims use since Nov. 5, 1940.

CLASS 43

THREAD AND YARN

Reg. No. 377,172. Registered Apr. 23, 1940. FRASER MANUFACTURING CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

Hobby Brand

The word "Brand" is disclaimed apart from the mark as shown.
FOR GIMP YARN.
Claims use since Oct. 9, 1939.

Reg. No. 380,024. Registered Aug. 6, 1940. FRASER MANUFACTURING CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

Crepe D'Lure

The word "Crepe" is disclaimed apart from the mark as shown.
FOR KNITTING AND CROCHETING YARN MADE OF COTTON AND RAYON.
Claims use since Jan. 11, 1940.

Reg. No. 393,312. Registered Feb. 3, 1942. FRASER MANUFACTURING COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Raphael Brand

The word "Brand" is disclaimed apart from the mark as shown.
FOR TWISTED RAYON YARN.
Claims use since Aug. 20, 1941.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 40,918. Registered Aug. 11, 1903. GUSTAV SCHARMANN, New York, N. Y. Republished by Paul C. Scharmann, doing business under the name of Gustav Scharmann, New York, N. Y.

DAZF

FOR DENTAL BURS.
Claims use since July 15, 1891.

Reg. No. 420,678. Registered Apr. 30, 1946. THE DENTAL SPECIALTY MANUFACTURING CO., INC., Denver, Colo. Republished by Densco, Incorporated, Denver, Colo., a corporation of Colorado.

DENSCO

FOR DENTAL SEDATIVE CEMENT, ACRYLIC DENTURE MATERIAL, AND DENTURE REPAIR MATERIAL.
Claims use since Jan. 1, 1939.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 62,027. Registered Apr. 16, 1907. JACOB RIES, Shakopee, Minn. Republished by Jacob Ries Bottling Works, Inc., Shakopee, Minn., a corporation of Minnesota.



The centre medallion has a red background encircled by a narrow white band, and the monogram on said medallion also appears in white.
FOR TABLE WATERS.
Claims use since about 1886.

Reg. No. 67,402. Registered Feb. 4, 1908. JACOB RIES, Shakopee, Minn. Republished by Jacob Ries Bottling Works, Inc., Shakopee, Minn., a corporation of Minnesota.

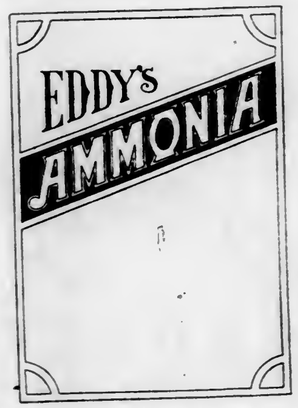
THE KING OF TABLE WATERS.

FOR TABLEWATERS.
Claims use since 1894.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 28,564. Registered July 7, 1896. EDWARD PRITCHARD, New York, N. Y. Republished by E. Pritchard, Inc., Bridgeton, N. J., a corporation of New Jersey.



FOR AMMONIA, CATSUP AND SAUCE.
Claims use since May 1, 1893.

Reg. No. 36,340. Registered Apr. 30, 1901. THE OHIO SALT CO., Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



FOR SALT.
Claims use since July 15, 1899.

Reg. No. 36,617. Registered June 18, 1901. THE OHIO SALT COMPANY, Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.



FOR SALT.
Claims use since July 15, 1899.

Reg. No. 40,387. Registered May 19, 1903. THE OHIO SALT CO., Wadsworth, Ohio. Republished by Worcester Salt Company, New York, N. Y., a corporation of Delaware.

OZONE

FOR SALT.
Claims use since Sept. 10, 1900.

Reg. No. 45,181. Registered Aug. 8, 1905. PILLSBURY-WASHBURN FLOUR MILLS CO., INC., Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's
MAGNET

FOR FLOUR MADE FROM WHEAT.
Claims use since about Jan. 1, 1873.

Reg. No. 45,744. Registered Aug. 29, 1905. PILLSBURY-WASHBURN FLOUR MILLS COMPANY, INC., Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

LINCOLN

FOR FLOUR MADE FROM WHEAT.
Claims use since on or about Mar. 19, 1880.

Reg. No. 68,024. Registered Mar. 3, 1908. SHAPLEIGH COFFEE COMPANY, Boston, Mass. Republished by Martin L. Hall Company, Boston, Mass., a corporation of Massachusetts.

VICTOR

FOR COFFEE AND TEA.
Claims use since Jan. 1, 1894.

Reg. No. 68,037. Registered Mar. 3, 1908. SHAPLEIGH COFFEE COMPANY, Boston, Mass. Republished by Martin L. Hall Company, Boston, Mass., a corporation of Massachusetts.



FOR COFFEE AND TEA.
Claims use since Nov. 1, 1888.

Reg. No. 77,287. Registered Mar. 29, 1910. BLISH MILLING COMPANY, Seymour, Ind., a corporation of Indiana. Republished by registrant.



FOR WHEAT FLOUR.
Claims use since 1890.

Reg. No. 80,637. Registered Jan. 17, 1911. BLISH MILLING COMPANY, Seymour, Ind., a corporation of Indiana. Republished by registrant.

PASSPORT

FOR WHEAT FLOUR.
Claims use since May 18, 1910.

Reg. No. 80,638. Registered Jan. 17, 1911. BLISH MILLING COMPANY, Seymour, Ind., a corporation of Indiana. Republished by registrant.

PARAPET

FOR WHEAT FLOUR.
Claims use since May 18, 1910.

Reg. No. 93,904. Registered Oct. 21, 1913. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

MASTERSTROKE

FOR WHEAT FLOUR.
Claims use since on or about Apr. 18, 1913.

Reg. No. 94,007. Registered Oct. 28, 1913. JOHN F. LALLA COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SCOUT



FOR MACARONI, SPAGHETTI, NOODLES, SARDINES IN OIL, SARDINES IN MUSTARD SAUCE, CANNED VEGETABLES, TOMATO PUREE, CANNED PORK AND BEANS, DRIED CURRANTS, SEEDED AND SEEDLESS RAISINS, ROLLED OATS, CANNED CORN SYRUP, AND CANNED FRUITS.
Claims use since Oct. 15, 1910.

Reg. No. 127,692. Registered Nov. 18, 1919. SUN HARBOR PACKING CORPORATION, San Diego, Calif. Republished by Sun Harbor Packing Company, San Diego, Calif., a corporation of California.

WARRANTY



The representation of the fish is disclaimed apart from the mark as shown.
FOR CANNED SARDINES AND CANNED TUNA.
Claims use since June 14, 1918.

Reg. No. 143,430. Registered May 31, 1921. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.



FOR FLOUR MADE FROM WHEAT.
Claims use since on or about Sept. 1, 1885.

Reg. No. 188,151. Registered Aug. 19, 1924. WESTGATE SEA PRODUCTS CO., San Diego, Calif., a corporation of California. Republished by registrant.

MORO

FOR CANNED TUNNY FISH.
Claims use since July 1922.

Reg. No. 236,895. Registered Dec. 27, 1927. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR FRESH, DRIED, AND STUFFED FRUITS, RAISINS, CANNED AND PRESERVED FRUITS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since May 1, 1877.

Reg. No. 237,507. Registered Jan. 10, 1928. JOSEY-MILLER CO., Beaumont, Tex. Republished by Josey-Miller Company, Inc., Beaumont, Tex., a corporation of Texas.

IDEAL

FOR CHICKEN FEED.
Claims use since July 1, 1924.

Reg. No. 238,737. Registered Feb. 14, 1928. THE FRENCH SARDINE COMPANY OF CALIFORNIA, Terminal Island, Calif., a corporation of California. Republished by registrant.

EATWELL

FOR CANNED FISH.
Claims use since May 14, 1927.

Reg. No. 249,808. Registered Nov. 20, 1928. WOOD FRUIT COMPANY, INC., Atwater, Calif. Republished by E. B. Wood, Atwater, Calif.

WHITE CHAIN

FOR FRESH DECIDUOUS FRUITS.
Claims use since May 1, 1928.

Reg. No. 249,809. Registered Nov. 20, 1928. WOOD FRUIT COMPANY, INC., Atwater, Calif. Republished by E. B. Wood, Atwater, Calif.

BLUE CHAIN

FOR FRESH DECIDUOUS FRUITS.
Claims use since May 1, 1928.

Reg. No. 282,157. Registered Apr. 14, 1931. M. A. REX, doing business as California Sea Food Company, San Francisco, Calif. Republished by California Sea Food Corp., Long Beach, Calif., a corporation of California.

SUNRISE

The pictorial representation of the goods is disclaimed apart from the mark as shown.
FOR CANNED TUNA FISH AND CANNED SARDINES.
Claims use since October 1929.

Reg. No. 282,745. Registered Apr. 28, 1931. WINSTON AND NEWELL COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

18-K

FOR CANNED FISH—NAMELY, CRAB MEAT, FISH BALLS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Jan. 1, 1916.

Reg. No. 283,554. Registered June 2, 1931. SWANSON BAKING COMPANY, Fitchburg, Mass., a corporation of Massachusetts. Republished by registrant.

WISDOM TOWN TALKIES

FOR CUP CAKES.
Claims use since Mar. 1, 1930.

Reg. No. 291,599. Registered Feb. 23, 1932. L. MAXCY, INC., Frostproof, Fla., a corporation of Florida. Republished by registrant.

BOULEVARD

FOR FRESH CITRUS FRUITS.
Claims use since Jan. 5, 1931.

Reg. No. 293,505. Registered Apr. 26, 1932. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

PAN KING

FOR WHEAT FLOUR.
Claims use since Dec. 26, 1928.

Reg. No. 296,114. Registered July 26, 1932. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

KORSAK

FOR FLOUR MADE FROM WHEAT.
Claims use since Jan. 28, 1932.

Reg. No. 306,600. Registered Sept. 26, 1933. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

LITE-VELVA

FOR FLOUR MADE FROM WHEAT.
Claims use since Apr. 18, 1933.

Reg. No. 320,806. Registered Jan. 8, 1935. RELIABLE GROCERY CO. INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

CO-REL

FOR CANNED FRUITS, VEGETABLES, CANNED FISH, PEANUT BUTTER, TEA, COFFEE, TABLE SYRUP, CANNED EVAPORATED MILK, TOMATO CATSUP, PREPARED MUSTARD, WHEAT FLOUR, RICE, PICKLES, SOUR GHERKINS, CANNED SHRIMP, INDIA RELISH, STRAWBERRY JELLY AND STRAWBERRY PRESERVES.
Claims use since May 15, 1934.

Reg. No. 326,648. Registered July 30, 1935. CENTRAL WISCONSIN CANNERIES, INC., Beaver Dam, Wis. Republished by Minnesota Valley Canning Company, Le Sueur, Minn.

Tem-ting

FOR CANNED PEAS.
Claims use since May 1, 1934.

Reg. No. 334,193. Registered Apr. 21, 1936. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

NORTHWESTERN BEAUTY

FOR WHEAT FLOUR.
Claims use since Oct. 30, 1935.

Reg. No. 342,948. Registered Feb. 2, 1937. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

OVEN EZE

FOR WHEAT FLOUR.
Claims use since Apr. 9, 1936.

Reg. No. 347,575. Registered June 29, 1937. ALBERS BROS. MILLING CO., Sacramento, San Francisco, Los Angeles, Oakland, Riverside, Fresno, and San Jose, Calif., and Seattle, Tacoma, and Spokane, Wash. Republished by Albers Milling Company, Los Angeles, Calif., a corporation of Oregon.

SIMILENE

FOR STOCK AND POULTRY FEEDS.
Claims use since Jan. 21, 1937.

Reg. No. 350,693. Registered Oct. 5, 1937. UNION PREMIER STORES, INC., Philadelphia, Pa., by change of name, Union Premier Food Stores, Inc. Republished by Food Fair Stores, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

FRE-MAR

FOR CANNED VEGETABLES, CANNED FRUITS, PICKLES, OLIVES, PACKAGED LEGUMES, SANDWICH SPREAD AND MAYONNAISE.
Claims use since Sept. 1, 1936.

Reg. No. 350,937. Registered Oct. 12, 1937. CENTRAL WISCONSIN CANNERIES, Beaver Dam, Wis. Republished by Minnesota Valley Canning Company, Le Sueur, Minn., a corporation of Minnesota.

SQUARE DEAL
"IS ALL ANYONE WANTS"

FOR CANNED VEGETABLES.
Claims use since 1908.

Reg. No. 351,206. Registered Oct. 19, 1937. SALERNO-MEGOWEN BISCUIT COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Salerno

The word "Finest" and the several representations of the goods are disclaimed apart from the mark as shown.
FOR CRACKERS, COOKIES, WAFERS, AND BISCUITS.
Claims use since June 10, 1937.

Reg. No. 354,823. Registered Feb. 22, 1938. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

PANCRAFT

FOR WHEAT FLOUR.
Claims use since Sept. 9, 1937.

Reg. No. 354,824. Registered Feb. 22, 1938. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

PANFUL

FOR WHEAT FLOUR.
Claims use since Sept. 9, 1937.

Reg. No. 355,525. Registered Mar. 22, 1938. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Northern Special

The word "Special" is disclaimed apart from the mark as shown.
FOR FLOUR, PARTICULARLY WHOLE WHEAT FLOUR.
Claims use since Apr. 16, 1937.

Reg. No. 361,930. Registered Nov. 8, 1938. CENTRAL WISCONSIN CANNERIES, Beaver Dam, Wis. Republished by Minnesota Valley Canning Company, Le Sueur, Minn., a corporation of Minnesota.



FOR CANNED VEGETABLES.
Claims use since 1920.

Reg. No. 364,192. Registered Jan. 24, 1939. HUNTER PACKING COMPANY, East St. Louis, Ill., a corporation of Illinois. Republished by registrant.

Thrifty

FOR DOG FOOD, POTTED MEATS, AND VIENNA SAUSAGE.
Claims use since October 1936.

Reg. No. 369,703. Registered Aug. 1, 1939. THE PICKAWAY CANNING COMPANY, Circleville, Ohio, a corporation of Ohio. Republished by registrant.

Mountain GLEN

FOR CANNED VEGETABLES.
Claims use since Aug. 31, 1938.

Reg. No. 369,951. Registered Aug. 8, 1939. THE WINORE CANNING COMPANY, Circleville, Ohio, a corporation of Ohio. Republished by registrant.

Greaties

FOR CANNED VEGETABLES.
Claims use since Feb. 15, 1939.

Reg. No. 371,060. Registered Sept. 19, 1939. CENTRAL WISCONSIN CANNERIES, Beaver Dam, Wis. Republished by Minnesota Valley Canning Company, Le Sueur, Minn., a corporation of Minnesota.

OUR FANCY

FOR CANNED VEGETABLES.
Claims use since 1908.

Reg. No. 372,482. Registered Oct. 31, 1939. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

PANCHIEF

FOR WHEAT FLOUR.
Claims use since Jan. 12, 1939.

Reg. No. 373,730. Registered Dec. 19, 1939. WESTGATE SEA PRODUCTS CO., San Diego, Calif., a corporation of California. Republished by registrant.

ALLIANCE

FOR CANNED FISH.
Claims use since 1927.

Reg. No. 374,131. Registered Jan. 2, 1940. GROWERS FRUIT COMPANY, INC., Edinburg, Tex. Republished by The H. Rouw Company, Edinburg, Tex., a corporation of Arkansas.

Editex

FOR FRESH CITRUS FRUITS AND FRESH TOMATOES.
Claims use since Sept. 1, 1936.

Reg. No. 374,196. Registered Jan. 2, 1940. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

NORTHERNER

FOR FLOUR MADE FROM WHEAT.
Claims use since Aug. 26, 1937.

Reg. No. 375,172. Registered Feb. 13, 1940. F. C. TRIPI CO. INC., also doing business as Indian Head Products Co., Buffalo, N. Y. Republished by Indian Head Products Co., Buffalo, N. Y., a corporation of New York.

INDIAN HEAD

FOR CANNED FRUITS, CANNED VEGETABLES, AND TOMATO JUICE.
Claims use since July 1920.

Reg. No. 381,567. Registered Oct. 1, 1940. WESTGATE SEA PRODUCTS CO., San Diego, Calif., a corporation of California. Republished by registrant.

ALAMO

FOR CANNED FISH.
Claims use since March 1921.

Reg. No. 383,118. Registered Nov. 26, 1940. WESTGATE SEA PRODUCTS CO., San Diego, Calif., a corporation of California. Republished by registrant.



The representation of a fish, the outline of the label, and the words "Snow White" are disclaimed apart from the mark as shown.
FOR CANNED FISH.
Claims use since Aug. 2, 1939.

Reg. No. 384,003. Registered Dec. 31, 1940. COMEX TRADING CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR OLIVE OIL.
Claims use since Oct. 18, 1934.

Reg. No. 387,716. Registered May 27, 1941. ROPER BROS., INC., Winter Garden, Fla., a corporation of Florida. Republished by registrant.



The word "Fancy," the corporate name, and the representations of the label, an orange or tangerine are disclaimed apart from the mark as shown.
FOR FRESH CITRUS FRUITS—NAMELY, ORANGES, TANGERINES, AND GRAPEFRUIT.
Claims use since Nov. 18, 1938.

Reg. No. 388,995. Registered July 22, 1941. THE H. ROUW COMPANY, Van Buren, Ark., a corporation of Arkansas. Republished by registrant.

FAMOUS

FOR FRESH FRUITS AND VEGETABLES—NAMELY, STRAWBERRIES, APPLES, ORANGES, TANGERINES, GRAPEFRUIT, LEMONS, PEACHES, GRAPES, TOMATOES, CUCUMBERS, GREEN BEANS, PEPPERS, SWEET POTATOES, SPINACH, CABBAGE, POTATOES, RADISHES, BEETS, CARROTS, TURNIPS, AND CANTALOUPES.
Claims use since June 1, 1925.

Reg. No. 392,583. Registered Jan. 6, 1942. WESTGATE SEA PRODUCTS CO., San Diego, Calif., a corporation of California. Republished by registrant.

BITS-O-SEA

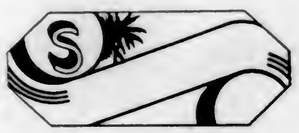
FOR CANNED FISH—NAMELY, CANNED TUNA.
Claims use since July 11, 1940.

Reg. No. 392,650. Registered Jan. 6, 1942. STANFORD FRUIT GROWERS, INC., Lake Alfred, Fla., a corporation of Florida. Republished by registrant.

KING ALBERT

FOR FRESH CITRUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, TANGERINES, AND LIMES; AND CANNED CITRUS FRUITS.
Claims use since Dec. 1, 1939.

Reg. No. 393,393. Registered Feb. 10, 1942. STANFORD FRUIT GROWERS, INC., Lake Alfred, Fla., a corporation of Florida. Republished by registrant.



FOR FRESH CITRUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, TANGERINES, AND LIMES.
Claims use since Nov. 1, 1939.

Reg. No. 395,215. Registered May 19, 1942. WESTGATE SEA PRODUCTS CO., San Diego, Calif., a corporation of California. Republished by registrant.



The representation of a fish is disclaimed apart from the mark as shown.
FOR CANNED FISH.
Claims use since Oct. 18, 1924.

Reg. No. 395,769. Registered June 9, 1942. STANFORD FRUIT GROWERS, INC., Lake Alfred, Fla., a corporation of Florida. Republished by registrant.



FOR FRESH CITRUS FRUITS.
Claims use since Sept. 1, 1939.

Reg. No. 395,892. Registered June 16, 1942. STANFORD FRUIT GROWERS, INC, Lake Alfred, Fla., a corporation of Florida. Republished by registrant.



FOR FRESH CITRUS FRUITS.
Claims use since Sept. 1, 1939.

Reg. No. 398,634. Registered Nov. 10, 1942. VONHIFF-DRAYER COMPANY, Baltimore, Md., a corporation of Maryland. Republished by registrant.

Miss America

The word "America" is disclaimed apart from the mark as shown.
FOR CANDIES.
Claims use since Mar. 1, 1920.

Reg. No. 399,679. Registered Jan. 26, 1943. GEORGE M. VAN KIRK, Davie, Fla. Republished by registrant.



FOR CITRUS FRUIT.
Claims use since Feb. 9, 1942.

Reg. No. 406,700. Registered Apr. 18, 1944. JOHN C. MORGAN CO., INC., Traverse City, Mich., a corporation of Michigan. Republished by registrant.

"Morgan"

FOR APPLE JUICE.
Claims use since September 1937.

Reg. No. 421,428. Registered June 4, 1946. F. C. TRIPI COMPANY, INC., doing business as Indian Head Products Co., Buffalo, N. Y. Republished by Indian Head Products Co. Inc., Buffalo, N. Y., a corporation of New York.

INDIAN HEAD

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED GRAPE-FRUIT JUICE, CANNED ORANGE JUICE, CANNED PINEAPPLE JUICE, CANNED TOMATO JUICE, CANNED ORANGE AND GRAPEFRUIT JUICE, CANNED FISH, TOMATO PASTE, COFFEE, TEA, PEANUT BUTTER, AND CATSUP.
Claims use since July 1920.

CLASS 47

WINES

Reg. No. 311,754. Registered Apr. 3, 1934. B. C. COMPANY, LTD., New York, N. Y. Republished by Gordon-O'Neill Company, Jersey City, N. J., a firm.

B C



FOR WINES.
Claims use since Nov. 17, 1933.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 415,068. Registered July 10, 1945. FIRST CARAMEL MALTING CORPORATION, Paterson, N. J., a corporation of New Jersey. Republished by registrant.

CARA-LITE

The word "Lite" is disclaimed apart from the mark as shown.
FOR LIGHT MALT USED AS AN AID IN MAKING BEER.
Claims use since September 1944.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 310,695. Registered Mar. 6, 1934. UNITED DISTILLERS LIMITED, Vancouver, British Columbia, Canada. Republished by United Distillers (of Canada) Ltd., Vancouver, British Columbia, Canada, a corporation of the Dominion of Canada.

YankeeDoodle

FOR WHISKEY, GIN AND RUM.
Claims use since Feb. 1, 1932.

Reg. No. 350,969. Registered Oct. 12, 1937. B. C. COMPANY LTD., New York, N. Y., assignor to Gordon O'Neill Co., Inc. Republished by Gordon-O'Neill Company, Jersey City, N. J., a firm.



FOR WHISKEY, GIN, RUM, BRANDY, COGNAC AND ALCOHOLIC CORDIALS.
Claims use since July 7, 1936.

Reg. No. 362,754. Registered Nov. 29, 1938. CHARTREUSE CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

CHARTREUSE

FOR LIQUEURS.
Claims use since Jan. 1, 1870.

Reg. No. 418,251. Registered Dec. 11, 1945. LE SAGE COMPANY, Dallas, Tex. Republished by Le Sage Company, Dallas, Tex., a corporation of Texas.

OLD KICKAPOO

The word "Old" is disclaimed apart from the mark as shown.
FOR WHISKEY.
Claims use since Mar. 8, 1945.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 95,516. Registered Feb. 24, 1914. BOUTWELL MILNE & VARNUM CO., Barre, Vt. Republished by Rock of Ages Corporation, Barre, Vt., a corporation of Vermont.

ROCK OF AGES

FOR GRANITE BLOCKS AND MONUMENTAL STONES.

Claims use since Aug. 1, 1913.

Reg. No. 197,643. Registered Apr. 21, 1925. THE BURKHARDT COMPANY, INC., Detroit, Mich. Republished by The Burkhardt Company, Detroit, Mich., a corporation of Michigan.

BurkArt

FOR IMITATION LEATHER.

Claims use since about January 1923.

REISSUES

OCTOBER 5, 1948

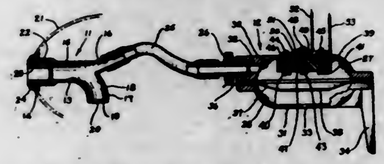
23,042

STALL WARNING DEVICE

Ralph H. Upson, Minneapolis, Minn.

Original No. 2,406,719, dated August 27, 1946, Serial No. 513,241, December 7, 1943. Application for reissue August 25, 1947, Serial No. 770,362

12 Claims. (Cl. 200—83)



1. In an airplane angle-of-attack indicator, a conduit having an open end adapted for engagement with the leading edge of an airplane wing, a rigid casing communicating with the conduit, a flexible slack impervious diaphragm supported by the casing and dividing the casing into separate compartments, means carried by the casing for actuating a signal, and means carried by the diaphragm for operating said actuating means, said diaphragm being dependent upon its gravitational weight to maintain the means carried by the diaphragm normally out of actuating relationship, the communication between said casing and conduit being directed to one compartment whereby a reduced air pressure at the open end of said conduit functions to actuate the diaphragm.

23,043

MANUFACTURE OF HYDRATED POLYSILICATE

Walter F. Wegst, Wyandotte, Mich., and John H. Wills, Chester, Pa., assignors to Philadelphia Quartz Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Original No. 2,179,806, dated November 14, 1939, Serial No. 111,556, November 18, 1936. Application for reissue September 25, 1945, Serial No. 618,591

8 Claims. (Cl. 23—110)

1. A crystalline product composed of fine crystals whose elongation is γ, extinction parallel and wherein α equals $1.463 \pm .003$, and γ equals $1.483 \pm .003$; said crystals having a molecular ratio of Na_2O to SiO_2 of from 1:4.3 to 1:4.5 and containing approximately 2 to 4 molecules of water.

PATENTS

GRANTED OCTOBER 5, 1948

2,450,405
MINERAL OIL COMPOSITION AND IMPROVING AGENT THEREOF
Henry G. Berger, Thomas T. Noland, and Everett W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application December 23, 1943, Serial No. 515,418
13 Claims. (Cl. 252—46.6)

1. An improved mineral oil composition comprising a mineral oil fraction having in admixture therewith a minor proportion, sufficient to enhance the stability of said mineral oil fraction, of a stable, oil-soluble, phosphorus- and sulfur-containing reaction product obtained by reaction of phosphorus pentasulfide and a thermal cycle stock at a temperature between about 125° C. and about 200° C. for a relatively short reaction time whereupon a stable, oil-soluble product is obtained, said cycle stock being characterized by an olefin content of from about 3 per cent to about 7 per cent and an aromatic content of from about 40 per cent to about 60 per cent, and the said phosphorus pentasulfide representing from about 1 per cent to about 8 per cent by weight of the said cycle stock.

2,450,406
PROCESS FOR OBTAINING THIOSEMICARBAZIDE
Louis L. Bambas, Grosse Pointe Woods, Mich., assignor to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
No Drawing. Application November 5, 1945, Serial No. 626,909
8 Claims. (Cl. 260—552)

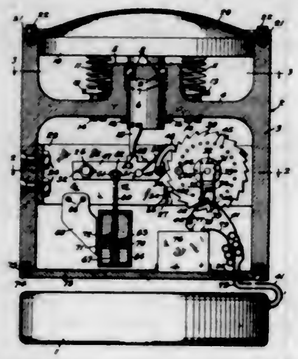
1. Process for obtaining thiosemicarbazide of the formula,

$$NH_2NH-\overset{S}{\overset{\|}{C}}-NH_2$$

which comprises reacting neutral hydrazine sulfate with an alkali metal thiocyanate in aqueous solution, removing the alkali metal sulfate so formed, rearranging the intermediate thiocyanic acid salt of hydrazine in admixture with a solvent selected from the class consisting of water-miscible alcohols, lower alkoxy substituted water-miscible alcohols and water-miscible ethers until the residual solution contains less than about 15% of water, heating said residual solution to rearrange said intermediate thiocyanic acid salt of hydrazine, cooling the solution and separating the crystalline thiosemicarbazide from said solution.

2,450,407
MINE
James E. Bartgis, Jr., Frederick, Md.
Application July 30, 1943, Serial No. 496,843
9 Claims. (Cl. 102—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

3. A land mine comprising a depressible member adapted to be directly depressed by the pressure engendered by the passage of a vehicle thereover and returning to an undepressed position after depression thereof, an explosive; and means mechanically and directly actuated from the motion of said depressible member, for detonating



said explosive upon the occurrence of a predetermined plurality of depressions of said depressible member.

2,450,408
TEXTILE FIBER DRAFTING ELEMENT
John W. Baymiller, Manheim Township, Lancaster County, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application September 16, 1943, Serial No. 502,553
6 Claims. (Cl. 19—131)



1. A lap-resistant textile fiber drafting element having a fiber working surface comprising the reaction product of a free halogen and a vulcanized synthetic polymerization product of an open-chain aliphatic conjugated diene, said polymerization product having carbon to carbon double bonds, said fiber working surface being characterized by its lap resistance.

2,450,409
ROLL COVER FOR TEXTILE FIBER DRAFTING
John W. Baymiller, Manheim Township, Lancaster County, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application December 11, 1945, Serial No. 634,230
19 Claims. (Cl. 19—143)

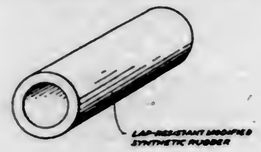
1. A lap-resistant roll cover for textile fiber drafting having a working surface made of a vulcanized rubber-like butadiene acrylonitrile copolymer, having uniformly dispersed therein as the

dispersed phase between about 40 and 60 parts of glue to 100 parts of the butadiene acrylonitrile



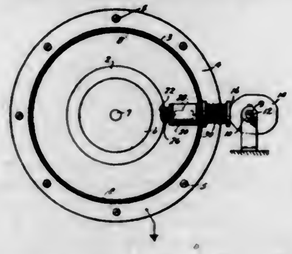
copolymer, whereby the roll cover is rendered lap-resistant.

2,450,410
ROLL COVER FOR TEXTILE FIBER DRAFTING
John W. Baymiller, Manheim Township, Lancaster County, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application February 27, 1946, Serial No. 650,609
19 Claims. (Cl. 19—143)



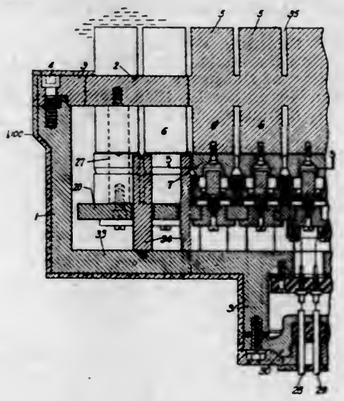
1. A lap-resistant roll cover for textile fiber drafting having a working surface made of a vulcanized oil-resistant resilient non-thermoplastic somewhat water vapor permeable synthetic rubber which is normally non-resistant to lapping up, having uniformly dispersed therein as the dispersed phase an effective amount of the reaction product resulting from the digestion in water dispersion of a protein and a water-ionizable modifying agent which does not deleteriously affect the protein or the synthetic rubber and combines with the protein to produce a compatible water-soluble digestion product which is readily dispersible in the synthetic rubber, whereby the roll cover is rendered lap-resistant.

2,450,411
PLATE TRIMMER CONTROL
Albert O. Behnke, Dayton, Ohio, and Charles Kriegel, Wharton, Tex.
Application December 5, 1945, Serial No. 633,033
6 Claims. (Cl. 315—3)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In combination with an air cooled vacuum tube having plate cooling fins which tend to resonate at a frequency in the band of operating frequencies of the tube, a device for permitting normal operation of said tube throughout its operating band, said device comprising a grounded reactance means movably mounted adjacent said cooling fins to selectively connect said cooling fins to ground through said reactance means to shift the resonant frequency of said cooling fins thereby enabling said tube to operate through its entire frequency band.

2,450,412
DEVICE FOR TRANSMITTING AND RECEIVING COMPRESSIONAL ENERGY
Hugo Benioff, Pasadena, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Application November 20, 1942, Serial No. 466,535
8 Claims. (Cl. 177—386)

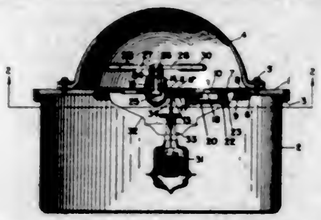


1. A device for transmitting and receiving compressional energy comprising a casing having a radiating member at one side thereof with the external surface in acoustic relationship with the sound-propagating medium and the interior surface shielded therefrom, said radiating member comprising a heavy plate with elements aligned and projecting at right angles to the surface of the plate and forming longitudinal resonant vibratable elements in which the plate contains the nodal plane, and a second resonant vibrator for translating acoustic energy into electrical energy, or vice versa, attached at one end of said first resonant vibratable element, said second resonant vibrating element comprising a longitudinal resonant magnetostrictive shell attached at the end of said first vibrating element, a plate member supported from said radiating member, a permanent magnet positioned within said magnetostrictive shell and an energizing coil surrounding said shell and means suspended by said plate supporting both said permanent magnet and said coil.

2,450,413
SPARK TRANSMITTER
Hugo Benioff, Pasadena, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Application February 7, 1946, Serial No. 646,080
7 Claims. (Cl. 250—17)

1. An ultra high frequency spark transmitter comprising an oscillatory circuit having a pair

of opposed plates with discharge electrodes opposed to one another and an antenna system having an input loop one arm of which has a portion adjacent the discharge electrodes.

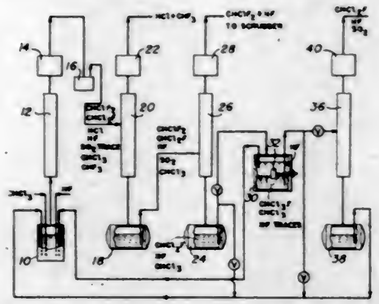


2,450,414

DISTILLATION PROCESS FOR SEPARATING PRODUCTS OF CHLOROFORM FLUORINATION

Anthony F. Benning, Woodstown, N. J., assignor to Kinetic Chemicals, Inc., Wilmington, Del., a corporation of Delaware

Application November 14, 1946, Serial No. 709,879
6 Claims. (Cl. 202—51)



4. The process of separating valuable components from a reaction mixture comprising HCl, HF, $CHClF_2$ and $CHCl_2F$, of the character of that obtained by the reaction of HF on $CHCl_3$, which comprises the steps of subjecting the reaction mixture to anhydrous fractional distillation under pressures of about 100 pounds per square inch gauge and at about −50° C. to about −40° C. to distill off the HCl as substantially pure anhydrous hydrogen chloride, then subjecting the remaining mixture to a further anhydrous fractional distillation under pressures of about 50 pounds per square inch gauge and at about −5° C. to about 0° C. to distill off a mixture comprising substantially the monochlorodifluoromethane and part of the hydrogen fluoride.

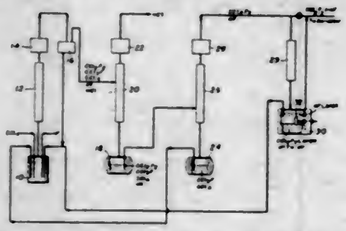
2,450,415

DISTILLATION PROCESS FOR SEPARATING PRODUCTS OF CARBON TETRACHLORIDE FLUORINATION

Anthony F. Benning, Woodstown, N. J., assignor to Kinetic Chemicals, Inc., Wilmington, Del., a corporation of Delaware

Application November 19, 1946, Serial No. 710,890
9 Claims. (Cl. 202—51)

1. The process of separating valuable components from a reaction mixture comprising HCl, HF, CCl_2F_2 and CCl_3F, of the character of that obtained by the reaction of HF on CCl_4, which comprises the steps of subjecting the reaction mixture to anhydrous fractional distillation under pressures of from about 40 to about 200 pounds per square inch gauge and at temperatures of from about −63° C. to about −20° C., adjusted to the pressures to distill off the HCl as substantially pure anhydrous hydrogen chloride, then subjecting the remaining mixture to a further anhydrous fractional distillation under pressures of from about 0 to about 100 pounds per square inch gauge and at temperatures of from about



−36° C. to about +32° C., adjusted to the pressures to distill off a mixture comprising substantially the dichlorodifluoromethane and the hydrogen fluoride, condensing the distilled mixture, settling the condensed mixture until it forms a layer of substantially anhydrous hydrogen fluoride containing a minor proportion of dissolved dichlorodifluoromethane and a layer of dichlorodifluoromethane containing a small proportion of dissolved HF, and then separating the layers.

2,450,416

PROCESS FOR POLYMERIZING BUTADIENE IN AQUEOUS EMULSION IN THE PRESENCE OF AN ALKALI METAL SALT OF HYDROXYTETRAHYDROABIETIC ACID

Joseph N. Borglin, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 17, 1944, Serial No. 540,888
7 Claims. (Cl. 260—27)

1. The process which comprises polymerizing in aqueous emulsion a conjugated butadiene hydrocarbon in the presence of an alkali metal salt of hydroxytetrahydroabietic acid.

2,450,417

UNIVERSAL RAY OR BEAM REFLECTING DEVICE

Romeo A. Bossi, Newton Center, Mass.

Application May 19, 1944, Serial No. 536,400
23 Claims. (Cl. 9—8)



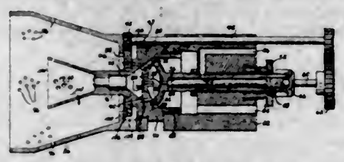
8. A maritime self-positioning reflecting buoy comprising a group of similar reentrant trihedral reflecting units with their inner apices symmetrically positioned with respect to a common center and having floats at all of their remote apices forming a triangular base support irrespective of the rotative position of the reflector with respect to said center.

2,450,418

OIL BURNER

Delphis C. Breault, Lowell, Mass.

Application July 13, 1943, Serial No. 494,484
9 Claims. (Cl. 299—140)



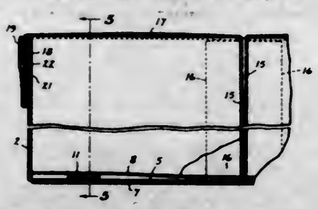
1. A process of atomizing liquid fuel which comprises introducing a stream of liquid into a closed chamber, introducing into the chamber from the opposite direction a plurality of jets of gas arranged about a common axis coincident with the stream of liquid, and introducing a central jet of gas in direct opposition to the stream of liquid whereby the gas and liquid impinge and the liquid is atomized, and passing the atomized liquid from the chamber through the outer gas jets.

2,450,419

COMPARTMENTED CONTAINER

John H. Cassidy and Reed M. Grunden, Sandusky, Ohio, assignors to The Hinde & Dauch Paper Company, Sandusky, Ohio, a corporation of Ohio

Application May 18, 1943, Serial No. 487,472
6 Claims. (Cl. 229—15)



1. A container having side and end walls, a pair of supporting flaps hinged to the bottom edge of each end wall and adapted to occupy horizontal positions between the lower edges of the side walls with the flaps of each pair adjacent opposite side walls, a foldable bottom extension hinged to each side wall and having an interior flap folded against the top faces of the adjacent supporting flaps with its free edge contiguous to the side wall to form a section of the container bottom, a pair of interior flaps hinged to the top edge of each side wall and adapted to be folded against the interior of the side wall with their free edges engaging the top face of an interior bottom flap adjacent its free edge, and a partition having opposite side edge portions disposed between the interior flaps of opposite side walls, said partition having anchoring flanges at its opposite side edges underlying interior side wall flaps.

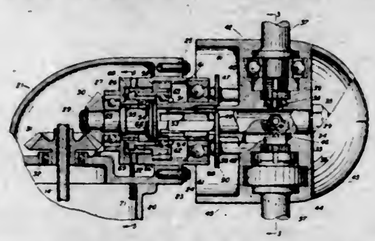
2,450,420

VARIABLE PITCH IMPELLER

Cranmore W. Cline, United States Navy, Jacksonville, Fla.

Application September 13, 1946, Serial No. 696,970
2 Claims. (Cl. 170—163)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. A variable pitch impeller including, a rotatable shaft, a hub mounted on the shaft and having a plurality of radial sockets, a blade having its root rotatably mounted in each socket, gear teeth carried by the root of each blade, gear racks reciprocably mounted in the hub in meshing engagement with the gear teeth for adjusting the pitch of the blades, a member slidably mounted on said shaft and fixed against rotation, the member having connection with the gear racks for reciprocating the same, a worm gear rotatably mounted on said shaft and having screw-threaded



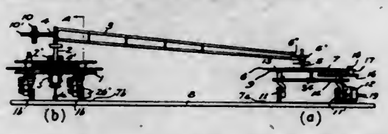
connection with said member, a worm drive for imparting rotation to the worm gear so as to slide said member and actuate said gear racks, a control mechanism having a pair of rotatable drums, the drums having operative connection with said shaft and worm drive, respectively, and idler means adapted to operatively connect the rollers whereby rotation of said shaft is transmitted to said worm drive for effecting adjustment of the blade pitch.

2,450,421

APPARATUS FOR SIMULATING WIND EFFECTS IN AVIATION GROUND TRAINERS

Carl J. Crane, Dayton, Ohio

Application May 8, 1940, Serial No. 334,002
10 Claims. (Cl. 346—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In combination, a supporting surface, a carriage adapted to be propelled over said surface at a velocity proportional to the assumed air speed of an aircraft and directionally controlled in accordance with the instant heading of an associated ground trainer, a tracer device supported by said carriage and movable therewith, a second carriage movable over said surface at a velocity proportional to the velocity of an assumed wind, means for steering said second carraige in the direction of said assumed wind, and a record chart carried by said second carriage and movable therewith, said record chart being adapted to have a record impressed thereon by said tracing device representing the ground track of said assumed aircraft flight.

2,450,422

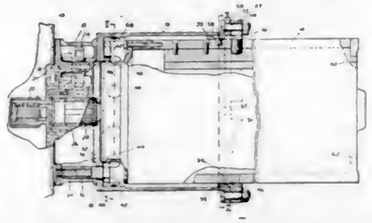
DYNAMOELECTRIC MACHINE MOUNT

William J. Elks, United States Navy

Application January 12, 1945, Serial No. 572,504
8 Claims. (Cl. 171—252)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In the combination of a driving element with a driven element removably coupled thereto;

means associated with one of said elements and cooperable with the other element to insure alignment of said other element with said one element upon assembly of said other element with said one element, said means including a rigidly fixed frame peripherally spaced from said removable



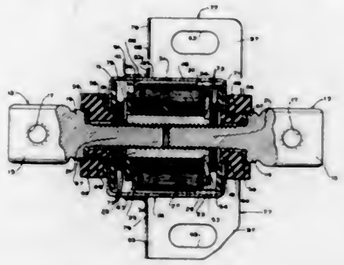
element and having axial and radial aligning surfaces cooperating with corresponding axial and radial surfaces on lugs at spaced intervals about the middle of said removable element, and cooperating peripheral surfaces between said frame and the inner end of said removable element.

2,450,423

TERMINAL STRUCTURE

John W. Fraser, Detroit, Mich., and Louis Gordon, Eatontown, N. J.

Application August 1, 1944, Serial No. 547,622
4 Claims. (Cl. 174—77)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A casing-terminal structure for a capacitor comprising a metallic housing surrounding said capacitor, said housing including two cylindrical housing caps provided with non-circular openings at their outer ends, said caps being of like diameter and facing each other, and said caps and openings being coaxial; a cylindrical cup of an outside diameter to form a snug slidable fit within both housing caps; an electrical terminal extending through each of said openings and provided with non-circular shoulders; means to lock said terminals against relative longitudinal movement; a resilient gasket means interposed between the outer end of each of the housing caps and the associated terminal to make a moistureproof seal between the said housing cap and the said terminal, each of said gasket means being provided with a non-circular projection adapted to engage the non-circular opening in one of the housing caps aforesaid and with a non-circular recess adapted to engage the non-circular shoulders on one of the electrical terminals aforesaid.

2,450,424

MOLDABLE REACTION PRODUCTS OF SULFUR DIOXIDE AND OLEFINS

Frederick E. Frey, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware

No Drawing. Application February 10, 1942, Serial No. 430,294
5 Claims. (Cl. 260—94.5)

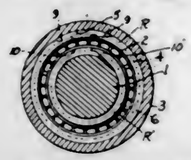
1. The process of producing a molded product comprising a reaction product of sulfur dioxide and 2-butene which comprises forming a resinous reaction product of approximately equimolecular proportions of 2-butene and sulfur dioxide containing sufficient chemically uncombined sulfur dioxide to yield a substantially plastic mass and containing some of the 2-butene in unreacted condition, intimately admixing the resinous product with the uncombined sulfur dioxide and unreacted 2-butene and a catalyst consisting of lithium nitrate for promoting the reaction of 2-butene and sulfur dioxide, and thereafter subjecting the resulting mixture to molding conditions effecting the setting thereof.

2,450,425

RETAINING RING

Frank D. Frisby, St. Louis, Mo., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo., a corporation of Missouri

Application May 3, 1945, Serial No. 591,669
7 Claims. (Cl. 85—8.5)



7. A retaining ring comprising two similar annular coils formed from a continuous winding, said coils lying in adjacent parallel planes in intimate relation and connected by an offset portion, the ends of the coils being in spaced relation and lying within the outer and inner margins of the ring, and having suitable recessed formations to permit reception of a tool.

2,450,426

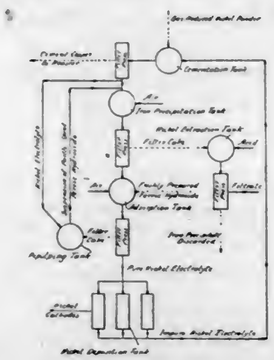
ELECTROLYTIC REFINING OF NICKEL

Anton Martin Gronningsaeter, New York, N. Y., and Bertin G. Hommeren, Kristiansand S., Norway, assignors to Falconbridge Nickel Mines, Limited, Toronto, Ontario, Canada, a corporation of Canada

Application May 19, 1944, Serial No. 536,402
2 Claims. (Cl. 204—112)

1. In the electrolytic refining of nickel, in which the impure nickel electrolyte, containing a limited amount of iron in solution, coming from the electrolytic cell is subjected to cementation and neutralization with nickel until the electrolyte is only slightly acid to remove the greater part of such impurities as copper and arsenic; the solids are separated from the electrolyte; the electrolyte is aerated to precipitate practically all of the iron as ferric hydroxide, which carries with it a substantial amount of the impurities lead, arsenic and copper; the electrolyte before it is aerated contains substantially no more iron in solution than can be precipitated solely by the aeration; and the acidity of the electrolyte is insufficient to dissolve the ferric hydroxide so formed: the

improvement which comprises subjecting the purified nickel electrolyte to the additional purifying action of ferric hydroxide especially prepared outside of the electrolyte by wet precipitation, the ferric hydroxide being introduced while still wet from the precipitation into the electrolyte in amount sufficient to adsorb thereon a sub-



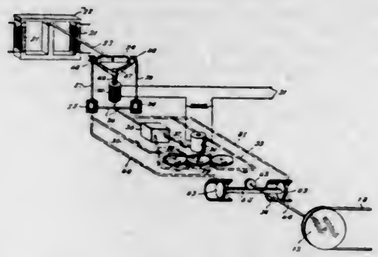
stantial amount of the remaining impurities lead, arsenic and copper, the acidity of the electrolyte being insufficient to dissolve the ferric hydroxide, separating the ferric hydroxide and its adsorbed residual impurities from the electrolyte, and subjecting the electrolyte thus purified to electrolysis to produce nickel cathodes of high purity.

2,450,427

SERVO UNITS FOR AUTOMATIC PILOTS

Percy Halpert, Hempstead, N. Y., assignor to The Sperry Corporation, a corporation of Delaware

Original application May 15, 1942, Serial No. 443,146, now Patent No. 2,392,381, January 8, 1946. Divided and this application December 18, 1945, Serial No. 635,710
5 Claims. (Cl. 60—52)



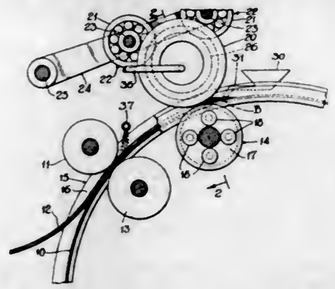
5. An automatic pilot for aircraft having a fluid servo unit supplied by a motor driven, continuously operating, pump and operated through two fluid circuits controlled by differentially movable valves mounted on a rocker arm, a torque motor for moving the valves by way of the rocker arm from a central position to unbalance the fluid circuits, automatic means for controlling said torque motor, a normally ineffective spring for positively centralizing the rocker arm of the valves, a motor circuit, and a solenoid, situated in said motor circuit, operable to render said spring effective when said circuit is opened.

2,450,428

STRIP FORMING APPARATUS

Clarence W. Hazelett, Greenwich, Conn.

Application March 23, 1944, Serial No. 527,704
13 Claims. (Cl. 22—57.3)



3. In a combination of the class described, a pair of cooling members having cooling surfaces, means mounting said cooling members for movement whereby said surfaces approach one another for the passage of metal therebetween to form continuous metal strip, said metal moving from a bath of metal contained by said surfaces, the ends of said cooling members tapering upwardly and toward one another while remaining out of contact so that the cooling surfaces thereof contain the side ends of the bath of metal through said upward tapering rather than by end dams, and with the edges of the side ends of the bath of metal and the strip out of contact with an end cooling or containing surface, the said cooling surfaces including said upwardly tapering ends functioning as complementary opposed cooling surfaces for the opposed upper and lower surfaces of the metal strip passing therebetween from said bath as well as the containing surfaces for said bath.

2,450,429

ELECTRICAL CORD

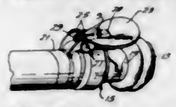
George E. Henning, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application August 4, 1944, Serial No. 548,099
7 Claims. (Cl. 174—113)



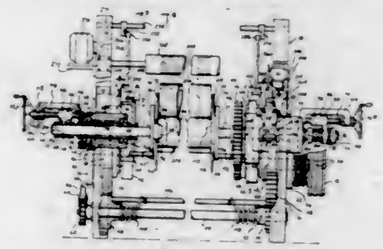
7. An electrical cord, which comprises a plurality of fine cotton threads stranded together, each thread extending in the same direction as and having substantially the same lay as the other threads, a conductor enclosed in a covering of insulated material served around the stay cord in the same direction as and with approximately the same lay as that of the threads, a second conductor enclosed in a second covering of insulating material served around the stay cord parallel with the first-mentioned conductor and covering and in the same direction as and with approximately the same lay as that of the threads, said lays of the coverings and the threads serving to prevent cutting of the coverings by the threads, and a jacket of weatherproofing material enclosing said coverings and said stay cord.

2,450,430
OXYGEN CONNECTION LOCKING MEMBER
James L. Hight, Dayton, Ohio
Application July 3, 1946, Serial No. 681,276
4 Claims. (Cl. 285—173)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a standard low pressure oxygen mask, a hose connection comprising a male connection member attached to a mask hose and a female mating member attached to the end of the supply hose, a spring pressed latch provided on said female mating member which is pivoted at one side thereof and provided with extending arms which are pivotally mounted on a pin forming an aperture bounded by said latch, said latch arms, and said pin, a generally U-shaped locking member secured to said mask hose, a projecting element on said locking member adapted to fit in said latch aperture, a bearing surface on said latch which bears against said projecting element of said locking member under the action of said latch spring whereby said connection members are positively locked in a coupled position.

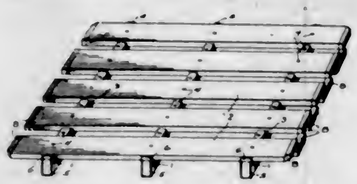
2,450,431
BEAMING OR WARPING MACHINE
Fritz Lambach, Tenafly, N. J.
Application June 17, 1946, Serial No. 677,297
23 Claims. (Cl. 28—32)



1. A beaming or warping machine comprising: a drive for rotating a beam, a support swingably mounted on the machine, lifting means associated with said swingable support for lifting same from a lower beam receiving position into an upper operative position, a pair of spaced beam engaging means rotatably arranged in said swingable support, each of said beam engaging means being shiftable in the direction of the longitudinal axis of a beam placed between same, adjusting means associated with each of said beam engaging means for setting same in engagement with such a beam, and coupling means associated with at least one of said beam engaging means for coupling same with said drive when the support is in its upper operative position.

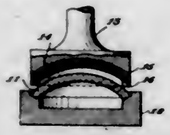
2,450,432
PALLET
Harry Lehrman, Brooklyn, N. Y.
Application September 26, 1944, Serial No. 555,861
5 Claims. (Cl. 248—120)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A pallet comprising a plurality of wooden stringers formed with transverse notches in at least one face thereof, the notches at the ends of the series extending to the ends of the stringers, metal collars encircling and binding the ends of the stringers, a flange extending from each



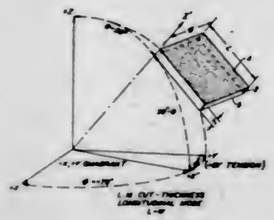
collar to form one wall of the notch at the respective end of the stringer, a series of planks extending transversely of the stringers and seated in the series of notches, and means for securing the planks within the notches.

2,450,433
LENS POLISHING
Frederick G. Leeman, Ann Arbor, Mich., assignor to Argus, Incorporated, Ann Arbor, Mich., a corporation of Michigan
Application December 2, 1944, Serial No. 566,306
2 Claims. (Cl. 51—305)



1. An article of manufacture comprising a body of pitch or like solidified binder material containing a uniform dispersal of cerium oxide particles.

2,450,434
PIEZOELECTRIC CRYSTAL APPARATUS
Warren P. Mason, West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 4, 1946, Serial No. 659,469
15 Claims. (Cl. 171—327)

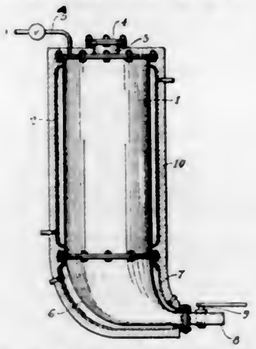


1. Crystal apparatus comprising an ethylene diamine tartrate crystal element of high electromechanical coupling having major faces, the normal to said major faces lying in a plane which is disposed substantially 70 degrees from the +X axis and 20 degrees from the +Y axis as measured in the XY plane, said normal being inclined at an angle of substantially 50 degrees with respect to the +Z axis.

2,450,435
POLYMERS OF VINYL CHLORIDE PLASTICIZED WITH A DIOCTYL PHTHALATE AND LIQUID PETROLATUM
Addeline J. McGillicuddy, Spokane, Wash., assignor of one-fifth to Bennett H. Levenson, Washington, D. C., and two-fifths to Frank L. Towne or Blanche Towne, his wife, Spokane, Wash.
No Drawing. Application April 6, 1944, Serial No. 529,813
6 Claims. (Cl. 260—31.8)

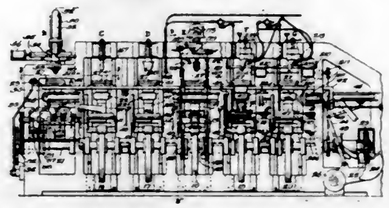
4. A resinous composition comprising a polymer of vinyl chloride and a plasticizer mixture consisting of a dioctyl phthalate and liquid petrolatum, the content of said liquid petrolatum being in the range of 10% to 30% of said plasticizer mixture.

2,450,436
MANUFACTURE OF CELLULAR THERMOPLASTIC PRODUCTS
Otis Ray McIntire, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
Application July 26, 1947, Serial No. 763,989
12 Claims. (Cl. 18—48)



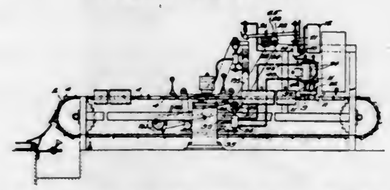
1. In a method for the production of a substantially uniform solid cellular thermoplastic article which is composed of individual closed cells having thin walls of a solid thermoplastic polymer, the smallest linear dimension of which article is at least 2 inches, the steps which consist in charging a vessel with a solid thermoplastic polymer, also introducing into the vessel a normally gaseous agent capable of being dissolved by the polymer so that the polymer and the normally gaseous agent are in contact with one another, subjecting the mixture to superatmospheric pressure while at a temperature within the range of from room temperature to below the critical temperature of said agent for a time sufficient to form a gel of the polymer, which gel is capable of flowing, the normally gaseous agent having been introduced and dissolved in the polymer gel in amount such as to be vaporized substantially completely upon release of the pressure with resultant swelling and cooling, due principally to the heat of vaporization of said agent, of the polymer to form a cellular mass which, when formed, is at a temperature within the range of between —30° C. and ten degrees above the heat distortion temperature of the polymer, and opening an outlet, having an aperture of minimum cross sectional area corresponding to that of a circle of at least three-fourths inch diameter, near the bottom of the vessel so as to cause the gel to flow from the vessel and form the cellular product.

2,450,437
METHOD AND APPARATUS FOR MANUFACTURING POTTERY WARE
William J. Miller, Swissvale, Pa., assignor to Miller Pottery Engineering Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 16, 1942, Serial No. 443,226
36 Claims. (Cl. 25—22)



14. In combination, means for advancing pugs of clay to a severing zone, a severing means for cutting off slices or charges of clay therefrom and means operable on the lead end face of the pug to puddle and smooth the end of the pug being severed.

2,450,438
APPARATUS FOR APPLYING LIQUID SIZE TO POTTERY WARE
William J. Miller, Swissvale, Pa., assignor to Miller Pottery Engineering Company, Swissvale, Pa., a corporation of Pennsylvania
Original application August 21, 1941, Serial No. 407,733. Divided and this application December 10, 1942, Serial No. 468,514
2 Claims. (Cl. 91—12)

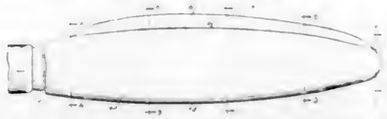


1. Apparatus for applying decalcomania size to fired potteryware and the like comprising, in combination, a ware support, a size applying member thereabove, means for moving said support and said member relative to one another to effect a size applying operation, a source of size supply, a pump having a piston for delivering size from the source of supply to said member, means for varying the stroke of the pump piston to thereby vary the amount of size delivered by the pump, and a drive for co-ordinating the operation of said first named means and said pump.

2,450,439
METHOD OF CLEANING DRIED ZIRCONIA GEL PRODUCTION EQUIPMENT
Thomas H. Milliken, Jr., Rose Valley, Pa., assignor to Houdry Process Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 26, 1945, Serial No. 601,722
8 Claims. (Cl. 134—13)

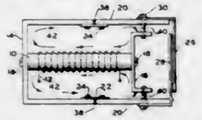
1. The method of cleaning equipment which has been employed in contact with a zirconia gel during the drying of said gel which comprises washing said equipment with a caustic alkali solution containing at least one gram of dissolved silica therein per 100 cc. of solution at a temperature below 70° C.

2,450,440
PROPELLER BLADE CONSTRUCTION
Roscoe H. Mills, Dayton, Ohio
Application December 19, 1944, Serial No. 568,914
3 Claims. (Cl. 170—159)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a basic propeller blade construction having the cross-sections thereof of airfoil section terminating in a trailing edge, means for increasing the blade area and altering the pitch distribution, comprising a thin rigid metal plate secured to the basic blade such that the plate extends beyond the said basic blade trailing edge to increase the blade area, and the said plate extending radially over at least the working section of the blade, and the plane of the plate at any point being warped angularly away from the plane containing the extended mean camber line curves of the blade sections at that point, the angle of warpage changing progressively from the shank end of the blade to the tip to thereby alter the aerodynamic properties of the sections and to alter the distribution of pitch from that of the basic blade.

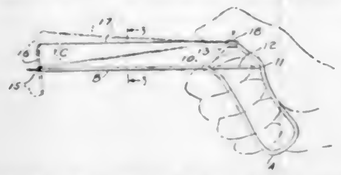
2,450,441
NONPOSITIONAL LINE SIGNAL
Jay G. Mitchell, Eatontown, N. J., assignor to the United States of America as represented by the Secretary of War
Application October 2, 1945, Serial No. 619,913
4 Claims. (Cl. 177—329)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



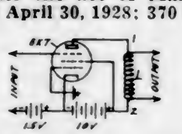
1. A non-positional signal device comprising electromagnet means, armature means actuated upon the energization of said electromagnet means by a signal current and indicating means comprising a pair of shutters mounted in constant parallel relationship on said armature means, at least one of said shutters being actuatable by said armature means.

2,450,442
CARD SEPARATING DEVICE
Carl R. Nyman, Washington, D. C.
Application February 12, 1945, Serial No. 577,395
4 Claims. (Cl. 129—16.1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. A device for sorting or classifying perforated record cards and the like, according to the size of the engaged perforations in the cards, said device comprising: a first elongated member shaped into the form of a pistol-grip; a second elongated member extending across and secured at spaced points to said pistol-grip to brace the same and also extending from said pistol-grip at a point intermediate the ends thereof to form a substantially straight needle adapted to have the outer end thereof passed through aligned perforations or openings in a stack of cards or the like, said needle being of oblong cross-section and being laterally flexible; and a third elongated member secured adjacent one end thereof to the upper portion of said pistol-grip, having a first longitudinal section extending outwardly from said pistol-grip for a distance corresponding substantially to the length of said needle, and having a second longitudinal section extending at an angle from said first section and toward said needle, said second section terminating in a hook-shaped part for engaging said needle adjacent the outer end thereof, said third member being oblong in cross-section and having a 90 degree twist therein between said first and second sections thereof, said first section being resilient in a plane passing through said needle.



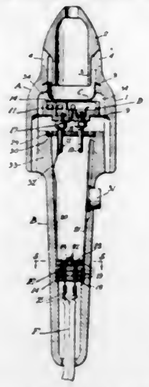
2,450,443
LIMITER
Stanley R. Rich, New York, N. Y.
Application June 5, 1944, Serial No. 538,801
5 Claims. (Cl. 178—44)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



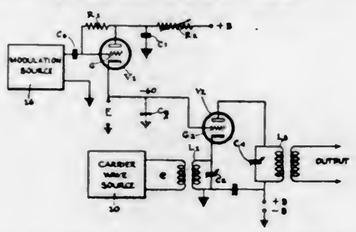
5. A method of limiting the intensity of a current wave by means of a pentode vacuum tube having the usual elements, comprising the steps of applying to the suppressor grid of said tube a small negative bias, applying to the plate and to the screen grid a low positive bias, grounding the number one grid and cathode, and applying to the suppressor grid a fluctuating signal voltage that swings the suppressor grid alternately positive and negative the plate current being substantially constant while said suppressor grid is positive.

2,450,444
ELECTRIC VAPORIZER
Joseph Robinson, New York, N. Y.
Original application May 25, 1942, Serial No. 444,360. Divided and this application June 21, 1944, Serial No. 541,321
3 Claims. (Cl. 128—192)

1. An electric vaporizer comprising in combination, an elongated hollow handle, an electric cord and pressure actuated switch assembly in said handle, a heater-container-applicator unit into the bottom of which said handle removably projects to support said unit and to bring said switch and electric cord assembly into circuit with said heater, said heater-container-applicator unit including a base and being adapted to be carried by said handle for use thereon or to be removed therefrom as a unit and transported and used independently thereof, said heater and container being insulated by said base, means for permanently locking said heater and container in said base with the heater engaging the bottom of said container, said locking means having direct engagement with said base, and a nasal part mounted on said base above said container for directing the vapors, said nasal part being removable from said base to permit access to said container while the container remains in said base.

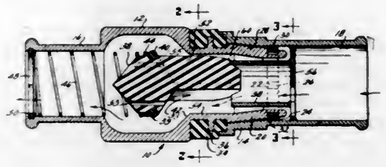


2,450,445
MODULATION
Charles A. Rosencrans, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 18, 1944, Serial No. 518,700
10 Claims. (Cl. 179—171.5)



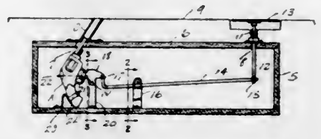
1. In a modulation system, an electron discharge radio frequency amplifier tube having a control grid, and means for modulating the potential on said control grid including, a source of modulating potentials, a modulator tube having a control grid and output electrodes including an anode and a cathode between which an electron discharge takes place, a coupling between said source of modulation potentials and the control grid of the modulator tube, a circuit including a source of direct current potential connecting the output electrodes of said modulator tube between which said discharge takes place, to the control grid and cathode of the amplifier tube to apply to the control grid of said amplifier a controllable negative bias, a resistance in a direct current circuit between the anode of the modulator tube and the control grid of said modulator tube to set up on the control grid zero bias in the presence of zero modulating potentials, and an impedance in series in said circuit including said direct current source for relating the bias on said grid of said amplifier tube to zero bias on said modulator tube grid.

2,450,446
OXYGEN WARNING DEVICE
Earl V. Rupp, Dayton, Ohio
Application December 12, 1946, Serial No. 715,785
4 Claims. (Cl. 284—18)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



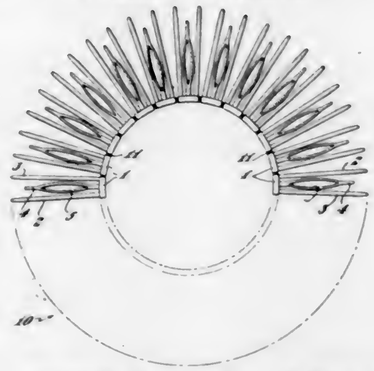
1. A slip joint of the character described which comprises a housing in two main separable parts, the first part adapted for connection to an oxygen mask and the second adapted for connection to a source of oxygen supply, detent means to hold the two parts assembled but allow them to pull apart upon application of predetermined opposite forces, valve means in the mask part, means in the supply part adapted when the two parts are assembled to prop the valve means open, and means to permit a predetermined leakage past the valve when it is closed.

2,450,447
GUN FIRING MECHANISM
Charles H. Samuel, San Francisco, Calif.
Application June 11, 1945, Serial No. 598,797
1 Claim. (Cl. 89—1)



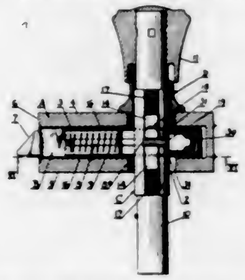
The combination with a firearm having a barrel, a trigger and a slotted trigger guard, of means for housing and concealing the firearm, said housing means comprising a box-like structure, a lid for said structure having spaced openings therein, an inclined tube connected to the lid of the housing and positioned above one of the lid openings and constructed and arranged to receive therein the barrel of the firearm, a vertical tube positioned on said lid and overlying the other of said openings, a trip plate positioned above said last mentioned tube, mechanism connected to said plate and the firearm trigger to discharge the firearm upon the application of pressure to said plate, said mechanism comprising a plunger rod secured at one end to said plate and extending through one of the lid openings, an elongated rod connected to the opposite end of said plunger rod, a bracket positioned on the base of said housing to support said rod, a yoke element pivotally mounted on the base of the housing and movable under the influence of said elongated rod to actuate the trigger of a firearm, and a pin carried by said yoke and arranged to contact the trigger of the firearm, whereby upon the application of pressure to said plate a projectile will be emitted through said inclined tube and will be directed toward the operator of said trip plate.

2,450,448
METHOD OF MAKING HAIR RETAINERS
Lester T. Sawyer, Leominster, Mass.
Application February 21, 1946, Serial No. 649,306
7 Claims. (Cl. 18—47.5)



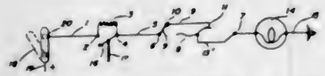
5. The method of manufacturing hairpins and the like hair-retaining articles each having a closed end or back adjoining a plurality of hair-engaging teeth including alternate teeth having offset portions engaging the adjacent teeth, which method comprises molding from a suitable plastic material a plurality of such articles in the form of a substantially flat annular member wherein the backs of such articles collectively define the inner periphery of said annular member and their teeth extend approximately radially in out-of-contact relation with each other with their outer ends circumferentially spaced so as collectively to define the outer periphery of said annular member, temporarily plasticizing said annular member, applying the plasticized annular member about a cylindrical member so as to convert said annular member into a generally cylindrical crown-like member wherein said out-of-contact teeth are closed in to bring the teeth having offset portions into engagement with adjacent teeth, and thereafter severing from said crown-like member the individual hair-retaining articles.

2,450,449
DOOR LOCK
Walter R. Schlage, Burlingame, Calif.; Anna Schlage, executrix of said Walter R. Schlage, deceased, assignor to Schlage Lock Company, San Francisco, Calif., a corporation of California
Application November 21, 1945, Serial No. 629,955
6 Claims. (Cl. 292—337)



1. In a door lock having a tubular spindle housing extending therethrough and said spindle housing having a length sufficient to extend beyond opposite faces of a door in which a lock is mounted, a plurality of raised surfaces formed on the exterior surface of the spindle housing and extending from end to end thereof, said raised surfaces being spaced apart circumferentially and said raised surfaces being threaded at each end of the spindle housing, a pair of escutcheon plates each having a hub threaded to permit the escutcheon plates to be screwed on the respective ends of the spindle housing, and an extension on each hub to guide the threaded portion of each hub into position to align and engage the threaded ends of the spindle housing.

2,450,450
SUPERVISORY INDICATING CIRCUIT
Joseph Schmidinger, Lake George, N. Y.
Application May 8, 1945, Serial No. 592,667
3 Claims. (Cl. 177—311)



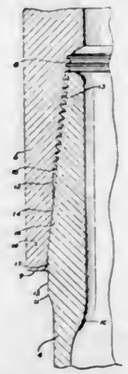
1. A guard circuit comprising in combination a resistor, a normally closed flasher switch and a signal lamp all connected in series across a voltage supply, said resistance, switch and lamp being so proportioned relative to the voltage supply that the current through the circuit is insufficient to operate said switch but is sufficient to cause said lamp to glow dimly and thereby indicate both a normal guarded condition and an unimpaired circuit, and means independent of said resistor and responsive to a condition to be guarded for shunting said resistor when the guarded condition departs from normal to increase the current through the switch and lamp sufficiently for operation of the switch with consequent flashing of the lamp, the lamp glowing brightly during the on periods.

2,450,451
POLYMERIZATION OF ETHYLENE
Louis Schmerling, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application May 31, 1946, Serial No. 673,610
17 Claims. (Cl. 260—94)

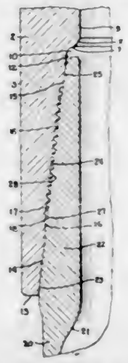
2. A process for producing polymers from ethylene which comprises subjecting ethylene to the action of an organic peroxide polymerization catalyst at a pressure above about 15 atmospheres, a temperature of from about the decomposition temperature of the catalyst to about 150° C. higher than said decomposition temperature, and in the presence of a saturated hydrocarbon diluent containing at least three carbon atoms and a metal selected from the group consisting of magnesium, zinc, cadmium, and mercury.

2,450,452
SEAL GRIP TOOL JOINT
Floyd L. Scott, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Delaware
Application July 29, 1944, Serial No. 547,187
9 Claims. (Cl. 285—146)

1. In a drill stem connection, a tapered pipe end having a threaded portion to engage a tool joint socket, the threaded portion extending over approximately one half the length of the tapered portion, the remainder being smooth and unthreaded, and having a taper which inclines inwardly toward the joint axis and in substantial alignment with the taper of the roots of the thread on the pipe end, a joint socket threaded to engage said pipe end and having a smooth unthreaded area extending a material distance beyond the threaded portion to contact and form a seal with said smooth area upon said pipe, there being a substantially cylindrical surface in said socket between the root of the outermost thread of the threaded portion and the remainder of the unthreaded area.

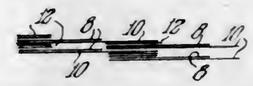


2,450,453
DOUBLE SEAL GRIP TOOL JOINT
Milos Emanuel Boehm, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Delaware
Application July 24, 1945, Serial No. 606,836
6 Claims. (Cl. 285—146)



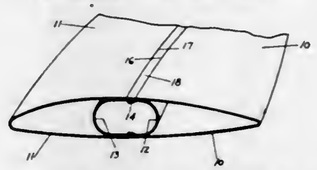
3. In a pipe and tool joint pin and socket connection including a socket in the tool joint, said socket having a uniformly tapered inner peripheral surface with spaced smooth end portions and a threaded intermediate area, the crests of the threads of said area being substantially on the line of said taper, a pin end on the pipe, said pin having a uniformly tapered peripheral surface with smooth end portions and an intermediate threaded area, the roots of the threads of said area being substantially on the line of said taper, said smooth tapered surfaces and said threaded areas being complementary so as to provide a threaded connection having a seal at both the inside and the outside ends thereof.

2,450,454
BUFFING WHEEL
Sheldon S. Smith, Springfield, Mass.
Application September 18, 1947, Serial No. 774,794
2 Claims. (Cl. 51—193)



1. A buffing wheel comprising in combination, superposed and centrally secured together layers of circumferentially arranged flexible sections, each of said sections including a folded disc having a forward two ply portion with a forward folded edge and an intermediate four ply section with a forward folded edge angularly and rearwardly disposed relative to the first edge and a rear eight ply portion with a forward folded edge angularly and rearwardly disposed relative to the second-named edge, the two ply portions of the sections of each layer superposed on the eight ply portions of adjacent sections and the eight ply portions of the sections of one layer superposed over the corresponding portions of the sections of the layer therebelow.

2,450,455
HOLLOW PROPELLER BLADE
Carl J. Snyder, Detroit, Mich.
Application September 13, 1944, Serial No. 553,876
6 Claims. (Cl. 170—159)



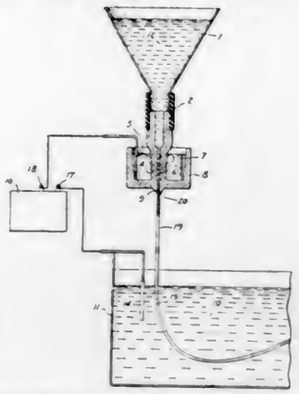
6. A propeller blade comprising a U-shaped sheet metal blade section with its bight portion constituting the trailing edge of the blade, a second U-shaped sheet metal blade section with its bight portion constituting the leading edge of the blade, a channel shaped elongated sheet metal member between the legs of each blade section, the sides of the channels having interfacial contact with the legs of the sections, the edges of the channels extending beyond the edges of the blade sections, the two sections being disposed in facing relation with the extending edge portions of one channel overlapping the edges of the other channel and in interfacial contact, the edges of the blade sections lying in facing relation and spaced apart, and a weld metal filler between the spaced edges for uniting edges of the blade sections and the edges of the channels.

2,450,456
CONCENTRATED APPLE JUICE AND MILK MODIFIER
Huston St. Clair, Tazewell, Va., assignor to Ridgewood Inc., Winchester, Va., a corporation of Virginia
No Drawing. Application May 3, 1945, Serial No. 591,849
10 Claims. (Cl. 99—54)

1. A cow's milk modifier comprising the concentrates, partially neutralized natural juice of fresh apples having a pH of not less than about 4.5 and not more than about 5.5 as determined by the glass electrode pH meter, the concentrated

juice being a viscous fluid readily soluble in cold cow's milk and having a density of not less than about 68° Brix and not more than about 75° Brix.

2,450,457
PROCESS AND APPARATUS FOR COAGULATING A COAGULABLE FLUID
Theodore A. Te Grotenhuis, Olmsted Falls, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application November 9, 1945, Serial No. 627,646
10 Claims. (Cl. 18—12)

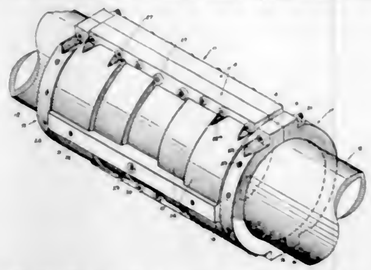


1. A process of coagulating an unfrothed coagulable fluid into permanent form, comprising forming the fluid into a fluid stream of the approximate shape desired in the article to be formed, contacting a shaped portion of said stream with a porous material containing a conductive fluid therein, causing said stream to flow relative to said porous material, and while said stream of fluid is flowing passing an electric current in series through said conductive fluid and said coagulable fluid to cause said coagulable fluid to coagulate in the shape of said stream whereby gases due to electrolysis are not evolved in contact with said coagulable fluid to cause deformation in the surface thereof.

8. Apparatus for gelling a fluid stream of heat-coagulable, electrically conductive fluid into a desired shape, comprising a porous wall of non-conductive material containing a solution of an electrolyte, means for forming a fluid stream of said coagulable fluid and for causing said fluid to flow relative to and bearing against said wall to make contact with the electrolyte in said wall, means for making electrical connection with the electrolyte in said wall, connecting means spaced along said stream in said wall for making electrical connection with said stream, and means for passing an electric current between said connecting means and said wall.

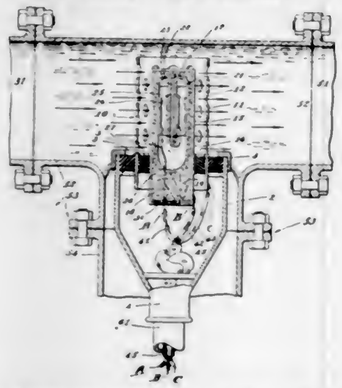
2,450,458
EXPANSION COUPLING
George J. Thompson, George L. Koester, Jr., and James B. Fullman, United States Navy
Application July 9, 1945, Serial No. 604,005
6 Claims. (Cl. 285—162)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An expansion coupling comprising a pair of mating longitudinal coupling sections, a gland at one end of said coupling adapted to fit within said coupling sections, said gland comprising a pair of mating gland sections, a wedge-shaped projection formed externally on said gland, a wedge-shaped projection formed internally on said coupling sections with a portion of said projection formed on one of said mating coupling sections and a portion of said projection formed



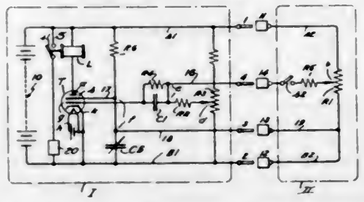
on the other of said coupling sections so that when the longitudinal coupling sections are in assembled relation said portions complement each other to form a single continuous projection, said gland projection being arranged for screwing action relative to said coupling projection to effect longitudinal alignment of said mating longitudinal coupling sections.

2,450,459
ELECTRODE SYSTEM
Elihu Craig Thomson, Boston, Mass., assignor to Photoswitch, Incorporated, Cambridge, Mass., a corporation of Massachusetts
Application January 13, 1944, Serial No. 518,128
3 Claims. (Cl. 175—183)



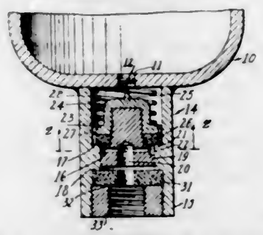
1. An electrode system for measuring the conductivity of fluid of varying temperature, comprising in combination with a holder a probe unit insulated from and supported by said holder, said unit including an outer guard electrode adapted to pass said fluid, a container electrode located within said guard electrode and insulated therefrom, a sealed vessel of insulating material secured in said container electrode and being filled with material of known electrical characteristics, a first electrode located in said vessel and means for electrically connecting said electrode to said container electrode through a wall of said vessel, a second electrode located in said vessel and spaced from said first electrode, and an electrical conductor connected to said second electrode and leading through said vessel and outside of said container electrode.

2,450,460
ELECTRONIC TIMING APPARATUS
E. Craig Thomson, Boston, Mass., assignor to Photoswitch, Incorporated, Cambridge, Mass., a corporation of Massachusetts
Application August 23, 1944, Serial No. 550,808
4 Claims. (Cl. 250—27)



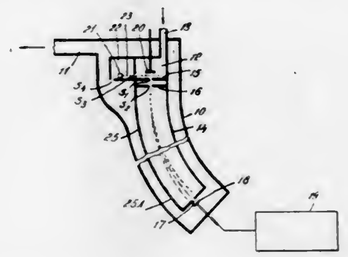
1. In electric timing apparatus the combination of: a controlled unit comprising a current source; an electron discharge device having two control electrodes and an output circuit connected to the respective terminals of said source; four connector contacts; connections from said terminals to a first and a second of said connector contacts; a blocking network including a resistor and a capacitor connected in series between said terminals, a connection from a tap intermediate said resistor and said capacitor to one of said electrodes and a connection from said tap to a third one of said connector contacts; and a timing network including a voltage-apportioning means having an adjustable tap and being connected across said terminals, a capacitor and a resistor connected in series between said adjustable tap and the second electrode, a resistor in parallel to said capacitor and a connection from said adjustable tap to the fourth connector contact; with a setting unit comprising four contact receptacles; a potential-apportioning means whose ends are connected to a first and second of said contact receptacles and which has an adjustable tap; a connection from a third of said contact receptacles to one end of said second apportioning means; and a normally open switch connected in series between said second tap and said fourth contact receptacle; said connector contacts being adapted for connection with and substantially simultaneous separation from correspondingly numbered ones of said contact receptacles.

2,450,461
DIAPHRAGM PUNCTURING VALVE STRUCTURE
Robert S. Wallach, Madison, N. J., assignor to Associated Development and Research Corporation, New York, N. Y., a corporation of New York
Application October 4, 1945, Serial No. 620,357
4 Claims. (Cl. 222—7)



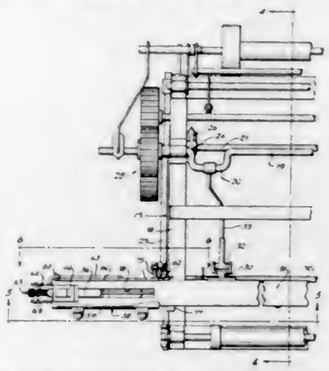
3. A valve comprising a tubular housing having a concentric inwardly extending cylindrical sleeve provided intermediate the ends thereof, an end of said sleeve forming valve seating means; a valve member within said housing and guided for axial movement by engagement with said cylindrical sleeve and the wall of said housing above said sleeve, said valve member having flow passages communicating between the interior of said housing and the discharge end thereof; a valve disc carried by said valve member for cooperation with said valve seat; means for normally urging said valve member into seating relationship; an annular coupling member disposed within said housing at the outflow end thereof; and a flexible, annular disc secured within said housing between the inner end of said coupling in engagement with the lower end of said cylindrical sleeve and extending across the end wall of said coupling, said annular disc being immediately adjacent the lower end of said valve means and having an axial passage communicating with said valve passage, whereby upon distorting the annular disc in the direction of said valve member as by a tubular conduit inserted into said coupling member and engaging the surface of said disc the latter will press against the underside of said valve member to move it into unseated position while sealingly engaging the end of said tubular conduit.

2,450,462
MASS SPECTROMETRY
Harold W. Washburn, Pasadena, Calif., assignor to Consolidated Engineering Corporation, Pasadena, Calif., a corporation of California
Application November 4, 1943, Serial No. 508,923
4 Claims. (Cl. 250—41.9)



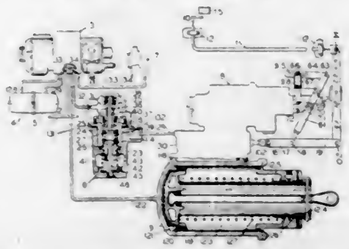
1. In a mass spectrometer having an ionization chamber, a sample chamber, means for introducing a material to be analyzed into the ionization chamber from the sample chamber, means for shooting an electron beam against molecules of the material in the ionization chamber, an analyzer connected to the ionization chamber through a restricted passage, and means for expelling ions formed from the material from the ionization chamber into the analyzer, the combination which comprises an electron producer chamber, means disposed in that chamber for producing an electron beam, a conduit connected between the electron producer chamber and the ionization chamber for admitting the beam to the latter, said conduit acting to restrict the flow of gas from the ionization chamber to the electron producer chamber, and a pump for evacuating the electron producer chamber, the ionization chamber and the analyzer, said pump being connected to the electron producer chamber and the analyzer so that gas is drawn from the ionization chamber into both the electron producer chamber and the analyzer.

2,450,463
PICK MOTION FOR LOOMS
William H. West, Montgomery, Ala., assignor to The Alabama Textile Engineering Company, Inc., Montgomery, Ala., a corporation of Alabama
Application August 28, 1945, Serial No. 613,143
9 Claims. (Cl. 139—145)



9. A pick motion for a loom which includes an oscillating lay, a normally expanded shuttle box adjacent one end of the lay, a picker movable longitudinally through the shuttle box, means actuated by the impact of a shuttle against the picker to contact the shuttle box and bind the shuttle therein, and means carried by the lay and actuated by the impact of the shuttle against the picker to latch the picker in retracted position.

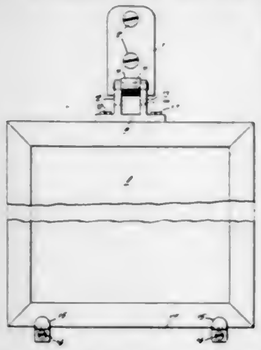
2,450,464
LOAD COMPENSATING BRAKE
Arthur J. Bent, Penn Township, Allegheny County, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application January 31, 1946, Serial No. 644,446
44 Claims. (Cl. 303—22)



1. A fluid pressure control mechanism comprising a casing having a chamber to which fluid under pressure may be supplied and in which the pressure of fluid may be varied to effect the control of a device to be controlled, valve means operative to admit fluid under pressure to said chamber, a control element operatively engaging said valve means and being responsive to a control fluid pressure to admit fluid under pressure to said chamber, means subject to the pressure of fluid in said chamber and operative to actuate said valve means to cut off the supply of fluid to the chamber when the force of the means exceeds the actuating force of said control element, said control element being movable relative to said valve means to different positions to produce different actuating forces on said valve means in response to a given control fluid pressure, and means operative to move said control element relative to said valve means.

29. A variable control mechanism comprising a control element having a normal position and movable therefrom to various other positions of adjustment, resilient means constantly urging said control element toward its normal position, power means operative to move said control element out of said normal position to one of said various other positions of adjustment against the opposing force of said resilient means, a locking means for locking said control element in its adjusted position against movement in a direction toward its normal position, and means operative by said power means to render said locking means ineffective prior to the movement of said control element and to render said locking means effective at all other times.

2,450,465
ADJUSTABLE HANGER FOR FRAMES
David Harris Bratburd, Bayside, N. Y.
Application June 9, 1945, Serial No. 598,511
3 Claims. (Cl. 24?—28)

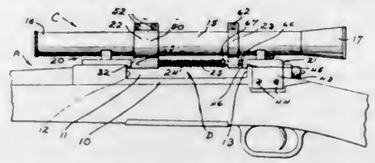


1. An adjustable hanger for frames and the like comprising a base plate adapted to be fixed to a wall and flat against the same, a block bearing against said plate and having a horizontal threaded opening at right angles to said plate, a screw passing from the back of said plate and into said opening, a hole in said block intersecting said opening at right angles thereto, a hanger adapted to be secured to the top of a frame, a horizontal pivot pin in said hole and held therein by the end of said screw, said hanger being mounted on said pin, screw being a pivot about which said block apted to swivel.

2,450,466
TELESCOPE MOUNTING FOR GUNS
Richard Carlson, Hamilton, Mont.
Application January 6, 1947, Serial No. 720,336
6 Claims. (Cl. 33—50)

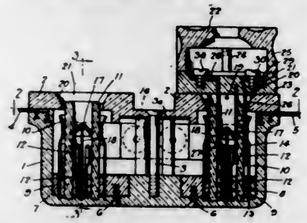
1. In a telescope mounting for a gun, a forward V-base; a rearward V-base, each base having a bolt-receiving recess, with said recesses facing one another; a forward clamp means for the telescope to retain said telescope within the V of the forward V base, including a portion provided with a forwardly extending bolt, constructed and arranged to slide into and out of the recess in said forward V-base, when the telescope is disposed upon said V-base, and a socket facing the recess

in said rearward V-base; a rearward clamp means for said telescope to retain said telescope within the V of the rearward V-base, including a portion provided with a bore; a plunger with one end section extending into said socket and the other



end section extending through said bore and into the recess of said rearward V-base; said plunger having an enlargement disposed intermediate said portions; and an expansion spring with one end bearing against said first portion and its other end bearing against said enlargement.

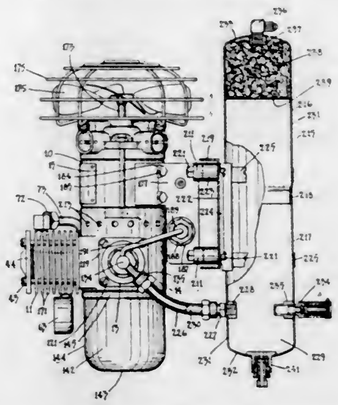
2,450,467
POLARIZED HOUSE WIRING RECEPTACLE AND PLUG
Charles L. Clark, Brockway, Pa.
Application October 26, 1945, Serial No. 624,642
5 Claims. (Cl. 173—330)



1. A polarized house wiring receptacle for use with wall plates and outlet boxes, comprising a body and a cover for the body, the cover formed with plug sockets, plugs to be fitted in said sockets, a pair of spaced concentric cylindrical conductors in each plug, terminal blocks in said body adjacent the lower inner ends thereof, positive and negative terminals in said blocks adapted to receive and engage the cylindrical conductors on the plugs, a cylindrical tubular insulating tube set in each block intermediate of said positive and negative terminals, wiring contact posts connected with the positive and negative terminals, the cylindrical conductors of each plug fitting respectively inside and outside of the insulating tube and between tube and the positive and negative terminals, a conical rubber member over the terminal within the tube to prevent explosion of air and gas when an electric circuit is broken by withdrawing a plug and a pin carried by each terminal block for mounting said rubber member within said insulating tube in spaced relation thereto.

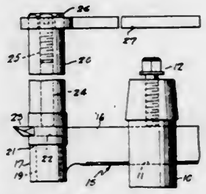
2,450,468
MOTOR-DRIVEN COMPRESSOR
Richard T. Cornelius, Minneapolis, Minn.
Application October 1, 1943, Serial No. 504,556
11 Claims. (Cl. 230—182)

2. A multiple stage compressor comprising a case, a motor mounted on the upper end of the case and having an armature shaft extending into said case, a crank attached to said armature shaft and disposed within said case, a plurality of compressor units carried by said case and disposed radially with reference thereto and operating at different pressures, means for operating all of said compressor units from said crank, a conduit having a reach extending upwardly from the discharge of a lower pressure compressor unit and another reach inclining downwardly toward



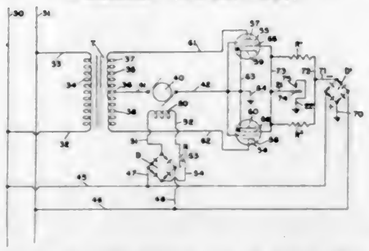
the intake of a higher pressure compressor unit, the intake of said higher pressure compressor unit being disposed at the uppermost portion thereof to cause condensation collected in said last-named reach to flow by gravity into the higher pressure compressor unit.

2,450,469
RADIUS TOOL
Anthony E. De Martin, Derby, Conn.
Application July 25, 1945, Serial No. 606,923
3 Claims. (Cl. 29—98)



1. A tool of the character described comprising a support including a shank so shaped as to be adapted to be mounted and clamped in the tool post of a machine tool and provided with a transversely extending cylindrical bearing at one end, a supporting shaft member provided with a cylindrical bearing portion mounted in the first bearing for turning movements therein and a shoulder to rest on said first bearing, said shaft member being adapted to be reversed in said first bearing, means for mounting a cutting bit in the shaft member for adjustment toward and from the axis of said bearing, the respective ends of the first bearing being at different levels with respect to the adjacent edge of the shank so that when the shaft member is reversed in this bearing the cutting bit will be at a different level with respect to the shank than before the reversal, and a handle for slowly turning said member to swing the cutting end of the bit in an arc about the axis of the bearing during the cutting operation.

2,450,470
ELECTRONICALLY CONTROLLED MOTOR-DRIVEN LOOM LETOFF
Raymond F. Dion, Leominster, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application July 26, 1946, Serial No. 686,297
4 Claims. (Cl. 139—110)



1. In letoff mechanism for a loom having a warp beam operatively connected to a motor which when running causes the beam to turn to deliver warp for the weaving process, said motor having an armature and a field coil, the latter being energized during loom operation, electronic circuit means for the armature including two electronic tubes each having a plate, a grid, and a grounded cathode, a transformer winding excited by alternating current and having a center tap connected to one side of the armature and having one side of the winding connected to one of said plates and the other side of the winding connected to the other of said plates, said electronic circuit means including a common connection between the cathodes and the other side of the armature and tending normally to cause electric current to flow through said tubes and armature, a source of direct current the positive side of which is grounded, a contact which is closed and grounded when the warp tension attains a given maximum and is open when the warp tension is less than said given maximum, and grid control circuit means including said source of direct current and contact normally effective when the latter is open to enable the grids to prevent flow of electric current through the tubes to prevent operation of the armature and effective when said contact is closed to alter the grids in such manner that current derived from said winding can flow through said tubes and armature to energize the latter.

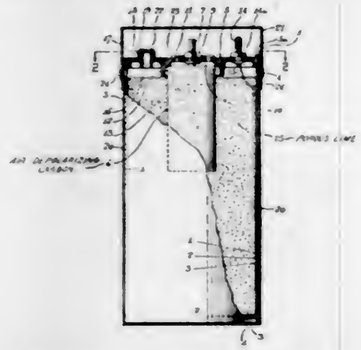
2,450,471
NECKTIE FORMING DEVICE
Jess J. Dorkin, Brooklyn, N. Y.
Application February 19, 1947, Serial No. 729,447
2 Claims. (Cl. 2—153)



1. In a necktie knot former, the combination with a tie of the four-in-hand type, of a pin element detachably engaging a doubled-over portion of the tie that passes through the knot in forming the same, and a handle member extending from the pin element to a point below the knot to withdraw the pin element from the tie after the knot has been formed.

2. In a necktie knot former, the combination with a tie of the four-in-hand type, of a pin element detachably engaging a double-over portion of the tie that passes through the knot in forming the same, and a handle member suspended by a flexible cord from the pin element and hanging loosely below the knot to withdraw the pin element from the tie after the knot has been formed.

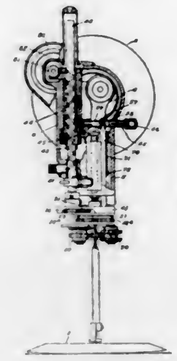
2,450,472
ALKALINE PRIMARY BATTERY
Le Roy S. Dunham, East Orange, and Ernest O. Jegge, Glen Ridge, N. J., assignors to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application March 15, 1947, Serial No. 734,956
10 Claims. (Cl. 136—164)



5. In a primary battery including a container: the combination of cathode and zinc anode elements in said container, a mass of porous, granular lime filling said container substantially to the top of said electrodes, said lime including a minor proportion of a hard, permanent material tending to give physical strength and permanence to the granules thereof, and a caustic alkaline electrolyte solution contained in said granular lime mass and having a solution strength of the order of 5 normal.

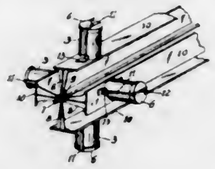
2,450,473
ABRADING DEVICE
Hector E. Goldie, Montreal, Quebec, Canada, assignor to Rubenstein Bros. Company, Montreal, Quebec, Canada, a corporation of Quebec
Application April 5, 1946, Serial No. 659,778
In Canada January 23, 1946
7 Claims. (Cl. 51—249)

1. An apparatus of the type described, comprising, a single motor, a straight knife reciprocable by said motor, a rod having a helically double-threaded keyway in its peripheral surface adapted for rotation and reciprocation parallel to the knife, a follower adapted to engage the thread on said rod for causing reciprocation of said rod on its rotation, a carriage mounted on the rod, rotatable abrading means mounted on said carriage and rotatable by said rod, a driven element connected to said rod for rotating it, a driving element connected to said motor, a clutch between said driven element and said driving element, said rod being positively driven from the motor when the clutch is engaged thereby to cause outward and return sharpening movements of the abrading means in a sharpening



cycle and rotating sharpening movements of the abrading means, manual means for causing engagement of said clutch, and means operated by contact with said carriage in its return movement for causing disengagement of said clutch.

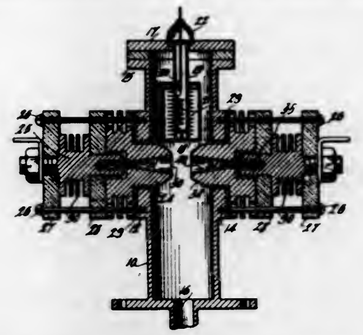
2,450,474
METHOD OF MAKING PRACTICE GOLF BALLS
Walter Grobner, Wallington, N. J., assignor to Botany Worsted Mills, a corporation of New Jersey
Application November 4, 1944, Serial No. 561,911
3 Claims. (Cl. 28—72.3)



1. A method of making a practice golf ball which consists in the steps of forming a body of wool in rough ball shape, and then tumbling the rough ball in a container in the presence of a felting liquid and beater balls until the fibres of the ball are felted both interiorly and exteriorly and the initial diameter of the ball is substantially reduced.

2,450,475
GAS DISCHARGE OSCILLATOR
Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application February 28, 1946, Serial No. 650,955
19 Claims. (Cl. 250—27.5)

1. A gas discharge device including an evacuated casing adapted to contain an ionizable gas, a thermionic cathode, a pair of first anodes each having an aperture therethrough, a pair of second anodes, one in back of the aperture in each of said first anodes, means for establishing an arc discharge between each of said first anodes and said cathode, means for alternately establishing an arc discharge from said cathode to one of said second anodes.

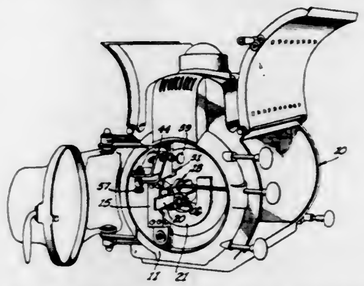


2,450,476
ONE-PIECE WOODEN BODY PENCIL
Carl C. Harris, Orange, Mass.
Application June 9, 1944, Serial No. 539,543
3 Claims. (Cl. 120—83)



1. A pencil comprising an integral straight wooden body of uniform cross sectional area having an axially burned bore of small diameter provided with a thinly charred wall and a graphitic lead filling said bore firmly united to said charred wall.

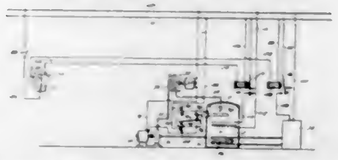
2,450,477
CARBON ALIGNMENT DEVICE FOR ARC LAMPS
Harold I. Huff, Los Angeles, Calif.
Application December 5, 1946, Serial No. 714,251
6 Claims. (Cl. 176—41)



1. In an apparatus for laterally adjusting one of a pair of axially aligned carbons for an arc lamp, the adjustable carbon being carried on a support member movably mounted on a frame, the combination of a pair of spaced stationary elements fixed on the frame and projecting through spaced apertures provided in the support member, means providing a slot at one of the apertures adapted to cooperate with the first stationary element to permit linear movement of the movable member in one direction relative to the frame, primary adjusting means associated

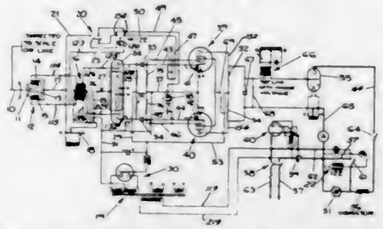
with the second stationary element adapted to move the support member linearly in said direction, and secondary adjusting means associated with said second stationary element adapted to swing the support member in an arc about the first stationary element.

2,450,478
AUTOMATIC ELECTRIC FLUID HEATING AND COOLING SYSTEM
Paul A. Johnson, Kansas City, Mo.
Application June 12, 1944, Serial No. 539,965
5 Claims. (Cl. 257—3)



3. In an air temperature regulating system a fluid container; a heat exchanger including a coil and a motor driven fan and having supply and return connections with said container, an electric heater immersed in the fluid within said container; an electric refrigerator having a cooling unit immersed in the fluid within said container; an electrically driven pump in one of said connections between the heat exchanger and container, whereby fluid from said container is forced through said heat exchange coil; and an electric circuit controlled by the differential of temperature in the room being regulated whereby the heating coil and the refrigerator are selectively operated to maintain the temperature of said room within certain predetermined limits.

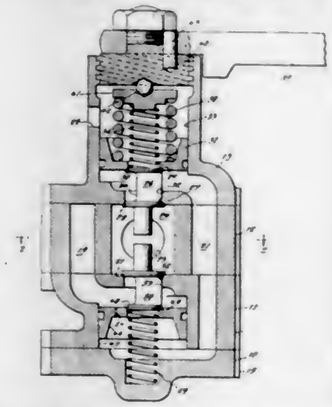
2,450,479
ELECTRICAL CONTROL CIRCUIT FOR INDICATING MOVEMENTS OF POSITION INDICATORS
James Robert Lindsay, Bexley, Ohio, assignor to The Jeffrey Company, a corporation of Ohio
Application August 16, 1944, Serial No. 549,739
3 Claims. (Cl. 250—27)



1. A control system for an electronic tube including a magnetic pick-up device operable in response to heavy and light conditions of an indicator, and switch means for temporarily disabling the light side of said pick-up.

2. A control circuit including a condition indicator adapted to indicate a normal condition and opposite abnormal conditions such as heavy and light, an electrical pick-up device of the reactance type operative variably as determined by said condition indicator, amplifier means connected to and controlled by said pick-up device and providing an output alternating current voltage varying in amount and direction as said indicator moves to opposite sides of its normal position, a condenser connected to said amplifier to receive a charge in either of reverse directions as determined by the condition indicator, a pair of resistors connected in series across said condenser, combination rectifier amplifiers connected to the output of said amplifier and energized by said output voltage and including means effective to control the charge on said condenser and to produce a direct current voltage in the output circuits of said rectifier amplifiers under the control of said condenser and also including means to short circuit said resistors successively in response to the alternating current voltage across them, an electronic tube, and means responsive to said produced direct current voltage for controlling the current output of said electronic tube.

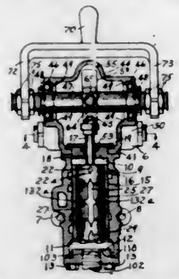
2,450,480
VALVE
John W. Marsh, Alexandria, Va.
Application May 30, 1945, Serial No. 596,637
14 Claims. (Cl. 303—55)



1. In a fluid pressure control valve, the combination of a housing having an inlet port, an outlet port, an exhaust port, and a control chamber, a double-seated valve provided with a first seat forming a closure between said inlet and outlet ports, a second seat forming a closure between the outlet port and the control chamber, a fluid pressure actuated element positioned between said outlet port and said control chamber for controlling movement of the double-seated valve, the housing having an opening between the inlet port and the control chamber, and a manually controllable valve for closing such opening and for exhausting fluid from the control chamber.

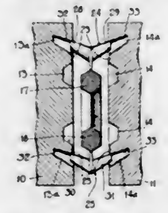
2,450,481
DUPLEX CONTROL VALVE DEVICE
Harry C. May, East McKeesport, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application July 31, 1943, Serial No. 496,868
12 Claims. (Cl. 251—4)

8. A control valve device comprising a casing having fluid pressure conducting control passages therein, a valve mounted in said casing for operation to control the flow of fluid through said control passages, said valve being rotatable for controlling the flow of fluid through certain of said control passages and being shiftable axially for controlling the flow of fluid through other of said control passages, a member rotatably mounted on said casing, a shaft carried by said member for end for end rotary movement relative to said casing and for rotary movement about its axis relative to the member, means operative in response



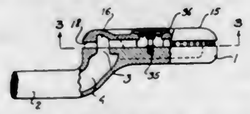
to the end for end rotation of said shaft for rotating said valve and operative in response to the rotation of the shaft about its axis for shifting said valve axially, and means for actuating said shaft.

2,450,482
METHOD OF FORMING AND EJECTING DIE CASTINGS
Louis H. Morin, Bronx, N. Y., assignor of one-half to Davis Marinsky, Bronx, N. Y.
Application August 5, 1944, Serial No. 548,259
5 Claims. (Cl. 18—55)



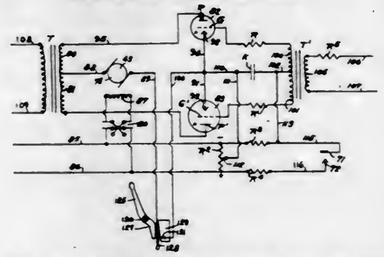
1. The method of forming and ejecting die castings, which comprises forming in cavities on adjacent surfaces of relatively movable dies a die cast body comprising a product part and integral ejector portions, shaping that part of the die cavities forming the ejector portions in such manner as to form oppositely extending and angularly arranged ejector pins on said portions with common surfaces of the ejector pins of both ejector portions in parallel relationship to each other, and camming the whole die cast body out of the cavities of both die parts by means of the ejector portions by moving the die parts in engagement with a surface of each ejector portion and at an angle thereto.

2,450,483
GAS BURNER
Ervin H. Mueller, Grosse Pointe, Mich.
Application June 4, 1945, Serial No. 597,520
9 Claims. (Cl. 158—116)



1. A gas burner comprising, a body member, a cap member, the body member haing a channel defined by inner and outer annular walls, a cross member extending across the space within the inner wall, the tops of the walls and the cross member presenting contact surfaces, the cap member having a channel defined by inner and outer annular walls, a cross member extending across the space within the inner wall, one of the cross members having a passage therein leading into the central portion of its cross member and which passage is defined on opposite sides by walls, the tops of the walls of the cap member presenting contact surfaces, the cap being inverted and disposed on the body member with the said surfaces of the walls contacting so that the channels align and form a passage for gaseous fuel and so that the passage in the cross member of the cap member is closed for conducting gaseous fuel, outlet ports in one of the outer walls for the issuance of flame supporting gas and outlet ports in the center portion of the cap cross member for the issuance of flame supporting gas.

2,450,484
LETOFF FOR LOOMS
Albert Palmer and Victor F. Sepavich, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application May 10, 1945, Serial No. 592,986
26 Claims. (Cl. 139—110)

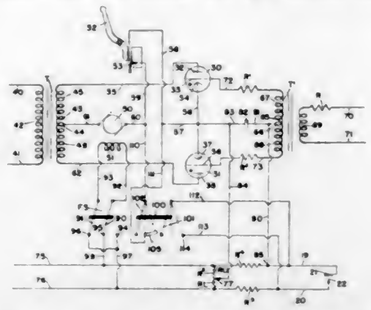


6. In a letoff mechanism for a loom having a beam which turns to supply warp the tension of which increases when the beam turns too slowly to supply the warp needed for the weaving operation, a motor operatively connected to the beam to cause turning of the beam to supply warp when the motor is running, an electronic tube including a grid, electric circuit means including the tube and motor, primary electric controller means for the grid operative under normal conditions to maintain the grid in such electric condition as to permit an amount of current to flow in said electric circuit means sufficient only to cause the motor to turn the warp beam at too slow a rate to supply the warp required for weaving, an indicator responsive to warp tension and closing a contact when the warp tension increases to a given point, and secondary electric controller means including the contact and grid and operative when the contact is closed to alter the electric condition of the grid so that more current flows through said tube with resultant increase in the rate of turning of the motor.

2,450,485
CONTROL MEANS FOR MOTOR-DRIVEN LETOFFS
Albert Palmer and Victor F. Sepavich, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application July 26, 1946, Serial No. 686,291
5 Claims. (Cl. 139—110)

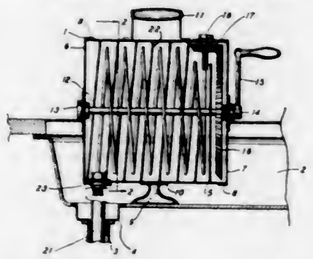
5. In letoff mechanism for a loom having a warp beam operatively connected to a motor

which when running effects turning of the beam, operating electric circuit means for the motor, a control circuit means for the operating electric circuit means which when in one condition causes the operating electric circuit means to effect running of the motor and when in another condition prevents said operating electric circuit means



from causing running of the motor, said operating electric circuit means normally being inoperative during loom stoppage, and normally open manual switch means effective when closed during loom stoppage to cause said control circuit means to be in said one condition thereof to cause said operating electric circuit means to effect running of the motor.

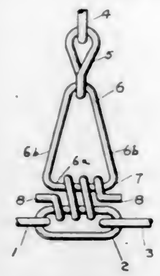
2,450,486
PLUMBER'S SNAKE AND FEEDING DEVICE THEREFOR
Clarence J. Perry, Los Angeles, Calif.
Application October 8, 1945, Serial No. 620,967
5 Claims. (Cl. 15—104.30)



2. In a device for opening drains and the like, a housing having an annular wall with disc-like sides, a helical partition in the housing forming a helically shaped chamber, a hand operable means having a gear fixed thereto, a pinion gear at one end of the chamber in mesh with the first mentioned gear, and an outlet at another end of the chamber having a bore, an elongated flexible shaft in the helical chamber having one end thereof fixed to the pinion gear and the other end passing through the bore of the outlet.

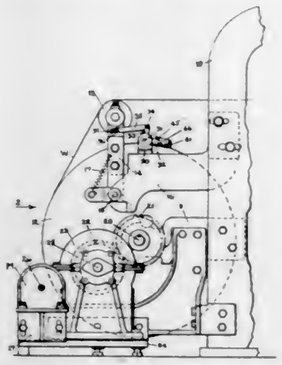
2,450,487
TIRE CHAIN
Elmer Schaber, Cold Spring, Ky.
Application April 12, 1945, Serial No. 587,940
3 Claims. (Cl. 152—242)

3. In a tire chain a cross chain attachment comprising an end cross chain link of triangular formation having two long limbs and a shorter limb, and an attaching helix of a diameter to engage around said end link and a link of a side chain, said helix being formed with extended ends which are out of engagement with either



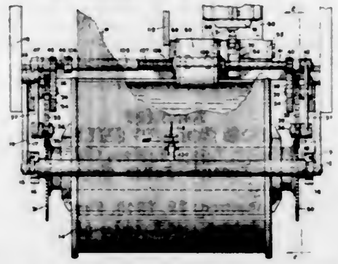
link, but which give the helix an overall length greater than that of the shorter limb of the cross chain end link, for the purpose described.

2,450,488
TWO-SPEED MOTOR DRIVE FOR LOOM LETOFFS
Robert S. Schedin, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application June 30, 1945, Serial No. 602,433
16 Claims. (Cl. 139—110)



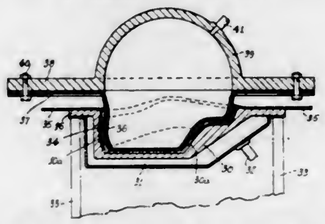
1. In a letoff mechanism for a loom having a warp beam rotatable to supply warp which extends over a whip roll mounted to move forwardly and rearwardly when the tension of the warp increases and decreases, respectively, an electric motor running continuously during loom operation and having a rotor operatively connected to the beam and causing the latter to turn in a direction to supply warp when the rotor is turning, field coil means for the rotor, electric means controlled by the whip roll and normally operative when the whip roll is in a rearward position to cause said field means to be relatively strong and cooperate with said rotor to turn the warp beam at a rate too slow to supply the warp required for the weaving operation, and said electric means effective when the whip roll moves forwardly to a given position to cause said field means to be relatively weak and cooperate with said rotor to turn the warp beam at an increased rate of speed to supply more warp than that required for the weaving operation.

2,450,489
LETOFF FOR LOOMS
Victor F. Sepavich and Clarence R. Kronoff, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application July 26, 1946, Serial No. 686,294
50 Claims. (Cl. 139—110)



1. In a loom having a warp beam supplying warp which passes over a whip roll and the tension of which varies during loom operation, a normally idle electric motor, driving connections between the motor and the beam causing the latter to turn in a direction to reduce warp tension when the motor is running, a controller operatively related to part of the warp independently of the whip roll and responsive to changes in warp tension and having a contact which is closed when the warp tension reaches a given maximum, and electric means controlled by the contact causing the motor to run when said contact is closed.

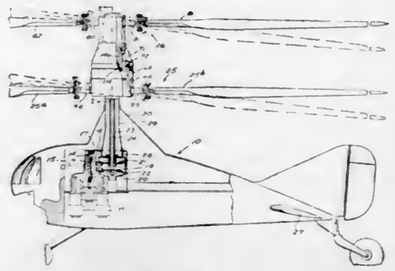
2,450,490
METHOD AND APPARATUS FOR MOLDING SHOE UPPERS
Barney Shinberg and Hymen Shrager, Westerly, R. I.
Application September 15, 1947, Serial No. 774,164
6 Claims. (Cl. 12—97)



2. A device for forming shoe uppers comprising in combination a female die member having a shoe-shaped cavity, means for heating said die member, a hollow flexible last-shaped saddle as a male die member insertable into said cavity, and means to force the walls of said male die member against a shoe-upper blank being worked on between the dies.

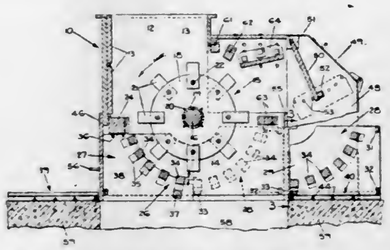
2,450,491
HELICOPTER
Nicholas N. Solovioff and Nelson G. Kling, Great Neck, N. Y., assignors to Airex Manufacturing Company, Inc., Long Island City, N. Y., a corporation of New York
Application May 3, 1943, Serial No. 485,410
17 Claims. (Cl. 244—17)

1. In rotor construction for a helicopter, in combination, a support, rotatable driving means carried by said support, a gimbal ring pivotally secured to said driving means, a housing pivotally secured to said ring, the pivotal axes of said housing and said ring being at right angles, a rotor



blade rockably mounted on said housing, and a control mechanism connected to said gimbal ring and to said rotor blade for rocking said blade when said housing pivots about its axis.

2,450,492
REMOVABLE SCREEN STRUCTURE FOR ROTARY BEATER MILLS
Robert W. Stevenson, Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company, a corporation of Ohio
Application May 20, 1944, Serial No. 536,544
8 Claims. (Cl. 241—89)

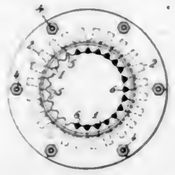


8. A rack adapted to carry cross screen bars of a crusher screen having rectangular end bearing portions including a pair of spaced end plates, means permanently interconnecting said end plates, said end plates each having a plurality of rectangular openings formed therein substantially upon the arc of a circle, the openings in each end plate aligning with corresponding openings in the other end plate for receiving the rectangular end bearing portions of cross section bars whereby the cross screen bars carried by said rack are removable therefrom by endwise movement transverse of said end plates.

2,450,493
TURBINE ROTOR AND ITS METHOD OF MANUFACTURE
René Strub, La Chaux-de-Fonds, Switzerland
Application September 26, 1944, Serial No. 555,800
In Switzerland February 25, 1944
5 Claims. (Cl. 253—39)

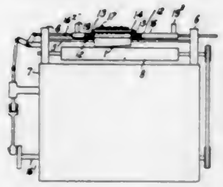
2. A built-up turbo-machine rotor including at least one blade carrier member and an annular blade assembly for each such carrier member consisting of a plurality of separate blades joined to one another by welds bonded to the roots of said blades only, each of said assemblies being ma-

chined on its inner circumference to fit closely on the periphery of the carrier with which it is



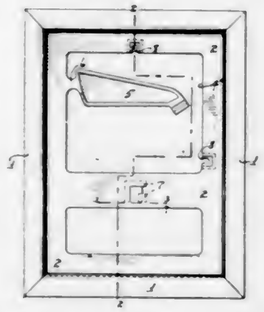
associated and joined to that carrier by welding overlying the interblade welds.

2,450,494
INKING APPARATUS FOR PRINTING MACHINES
William Gibson Thomlinson, Glasgow, Scotland
Application September 10, 1946, Serial No. 695,973
In Great Britain September 18, 1945
4 Claims. (Cl. 101—348)



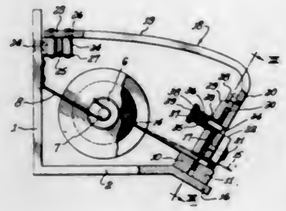
1. In a printing machine having at least one main inking roller disposed widthwise of the machine, ink distributing mechanism comprising at least one auxiliary roller adapted to make line contact with said main inking roller, means to tilt said auxiliary roller relatively to the surface of said main inking roller so that only one end of said auxiliary roller remains in contact with said main inking roller, means to move the tilted auxiliary roller in steps widthwise of the machine, and means to reverse the direction of movement of said auxiliary roller when its travel in one direction has been completed.

2,450,495
EASEL
Henry Ullmann, New York, N. Y.
Application October 10, 1946, Serial No. 702,542
1 Claim. (Cl. 248—35)



An easel made of molded material and consisting of a marginal frame and a depressed back wall having an opening, the margins of the opening being formed with slots located at right angles to the other and formed in hanger receiving areas projected rearwardly of the major plane of the back wall, the back wall also carrying an outwardly projected easel head receiving member having two openings, one at right angles to the other, and with overhanging walls at each opening, in combination with an easel support having a winged head adapted to enter either of said openings for support of the easel from either one of two positions.

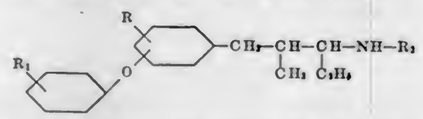
2,450,496
DISPENSER FOR ROLLED SHEET MATERIAL
Arlie E. Whiteley, Los Angeles, Calif., assignor of one-half to Joseph John Capitan, East Los Angeles, Calif.
Application February 18, 1946, Serial No. 648,361
4 Claims. (Cl. 242—55.4)



1. In a dispenser for rolled sheet material including means for supporting a roll of said material and having a slotted guideway across which the end of said material issuing from said roll may be drawn, the combination of: a carriage mounted for movement along said guideway, said carriage having formed therein a slot aligned with the slot in said guideway; an apertured cutter in said carriage slot; a pivot on said carriage intersecting said slot and passing through the aperture in said cutter to pivotally mount said cutter in said slot; and stop means in said slot disposed on opposite sides of said cutter to limit the extent of pivotal movement of said cutter.

2,450,497
PHENOXYPHENYL PROPYL AMINES
Robert Biedermann, Basel, Switzerland, assignor to J. R. Geigy A.-G., Basel, Switzerland, a Swiss firm
No Drawing. Application May 7, 1946, Serial No. 667,999. In Switzerland May 8, 1945
4 Claims. (Cl. 260—570.8)

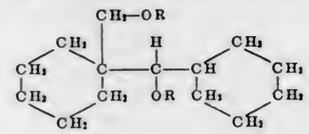
1. An araliphatic amine of the formula



wherein R represents a member selected from the group consisting of hydrogen and methoxy, R_1 represents a member selected from the group consisting of hydrogen, methyl and methoxy, and R_2 represents a member selected from the group consisting of methyl and ethyl.
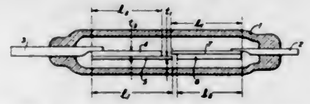
2,450,498
ETHERS OF 1-METHYLOLCYCLOHEXYL-CYCLOHEXYL-CARBINOL
Joseph E. Bludworth, Corpus Christi, Tex., and Donald P. Easter, Washington, D. C., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Original application January 22, 1944, Serial No. 519,352, now Patent No. 2,410,007, dated October 29, 1946. Divided and this application July 18, 1946, Serial No. 684,542
2 Claims. (Cl. 260—611)

1. Compounds of the following general formula:



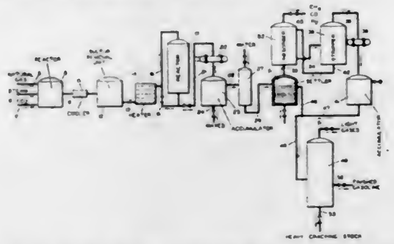
wherein R is a member of the group consisting of alkyl, and monocyclic aryl radicals.

2,450,499
CIRCUIT MAKER AND BREAKER
John T. L. Brown, Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 21, 1945, Serial No. 617,864
2 Claims. (Cl. 200—90)



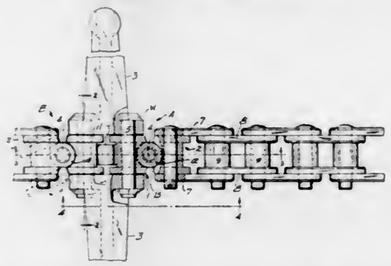
1. A sealed reed contact device having a compound reed constructed of two reeds commonly secured at one end and having natural periods of vibration in the ratio of two to one.

2,450,500
SYNTHESIS OF HYDROCARBONS
Alfred Clark, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application September 5, 1945, Serial No. 614,578
7 Claims. (Cl. 260—449.6)



6. A process for the synthesis of normally liquid hydrocarbons which comprises passing a gaseous mixture comprising hydrogen and carbon monoxide through an elongated reaction zone of between about ¾ inch and about 3 inches in cross-section under reaction conditions in the presence of a series of hydrocarbon synthesis catalysts selected from the group consisting of cobalt, cobalt-thoria, nickel-thoria, iron, and sintered iron and selected and arranged in separate zones across the line of gas flow in the order corresponding with the ascending order of temperature at which said selected catalysts inherently exhibit optimum activity in the synthesis of said hydrocarbons, maintaining progressively increasing temperatures along the line of gas flow through said reaction zone substantially corresponding to said temperatures of optimum activity for each catalyst by utilizing heat of reaction generated along said line of flow, maintaining thermal conditions within said reaction zone intermediate adiabatic and isothermal, withdrawing an effluent containing said hydrocarbons from said reaction zone, and recovering said hydrocarbons.

2,450,501
CONVEYER CHAIN
John L. Clarkson, Nashville, Ill.
Application April 4, 1945, Serial No. 586,559
7 Claims. (Cl. 198—176)



1. In a conveyor chain universal joint structure, two units arranged end to end, each comprising a pair of elements pivotally connected to swivel in one plane, adjacent elements of the two units being spaced apart to receive a sprocket tooth between them, a pair of members extending along the outer sides of and pivotally connected to the adjacent ends of said spaced elements to swivel transversely of said plane and forming the sole connection between said units, at least one of said members comprising a conveyor flight having an arm extending outwardly from the chain.

2,450,502
NONHIDE CUTTING FLESHING TOOL
Charles W. Culdice, Wentworth, Wis.
Application November 6, 1946, Serial No. 708,150
1 Claim. (Cl. 69—20)



A hand tool for fleshing pelts, comprising a block having a cut out center portion to form a substantially V-shaped frame, the rear edge of said frame being curved to form hand holds at each outer end of said frame, means secured to said legs for the bracing thereof, a wire passing through the legs of the frame and the bracing means thereon, one end of the wire being threaded, and a threaded nut engaging the threaded end of the wire for tightening purposes.

2,450,503
METHOD OF FORMING PLASTIC COATING COMPOSITIONS ON SURFACES
Folsom E. Drummond, Westfield, N. J., assignor to Chemical Developments Corporation, Dayton, Ohio, a corporation of Ohio
No Drawing. Original application March 11, 1941, Serial No. 382,776. Divided and this application March 8, 1947, Serial No. 733,429
4 Claims. (Cl. 117—106)

1. A method of providing a surface with a tough resinous coating comprising atomizing styrene, atomizing stannic chloride, intimately mixing the styrene and stannic chloride mists obtained, depositing the mixed spray on the article to be coated, and allowing it to air dry.

2,450,504
SCREW DRIVER HAVING REMOVABLE RATCHET GRIP
Ernest G. Farson, Xenia, Ohio
Application October 17, 1944, Serial No. 559,018
1 Claim. (Cl. 145—61)

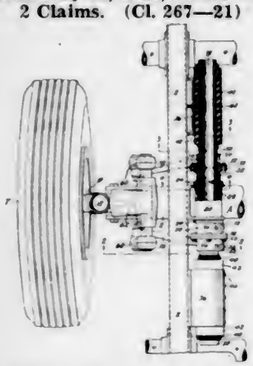


In a screwdriver having a handle and a shank projecting from one end of the handle, a flat plate secured on the opposite end of the handle and having a plurality of angularly spaced apart lugs upstanding from the side thereof opposite the handle, and a hollow cap fitted over the plate attached end of the handle and having an end wall provided on its inner surface with a plurality of angularly spaced apart, beveled ratchet teeth engageable with said plate lugs to restrain said cap against rotation in one direction relative to said handle.

2,450,505
DRY-CLEANING EMULSION
John R. Fisher, Jr., Dayton, Ohio, assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio, a corporation of Ohio
No Drawing. Application May 31, 1946, Serial No. 673,605
2 Claims. (Cl. 252—161)

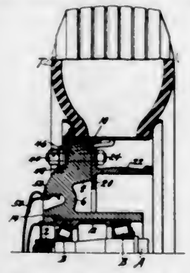
2. A dry-cleaning emulsion consisting of 50 parts by volume of carbon tetrachloride; 50 parts by volume of water; 5 parts by volume of a water-soluble emulsifying agent; and 5 parts by volume of benzylated lauryl alcohol.

2,450,506
VEHICLE SUSPENSION
Howard A. Flogaus, Wallingford, Pa., assignor to A C F-Brill Motors Company, New York, N. Y., a corporation of Delaware
Application July 27, 1943, Serial No. 496,278
2 Claims. (Cl. 267—21)



1. The combination with a vehicle frame and supporting axle, a bearing bracket secured to the vehicle frame, a cylindrical member mounted in said bearing bracket for rotational movement relative thereto, coupling means fixed on said cylindrical member and acting as thrust collars preventing endwise movement of the cylindrical member relative to said bearing bracket, support brackets secured to the vehicle frame fore and aft of said bearing bracket, resilient units secured to said support brackets and each including cylindrical means disposed substantially in alignment with said first named cylindrical member, radius arms connected to said cylindrical means and also connected to said coupling means and supporting axle to resiliently support the vehicle through torsional shear action of said resilient units.

2,450,507
VEHICLE WHEEL
Howard A. Flogaus, Wallingford, Pa., assignor to A C F-Brill Motors Company, New York, N. Y., a corporation of Delaware
Application July 27, 1943, Serial No. 496,279
6 Claims. (Cl. 301—6)



1. In a one piece wheel, a hub, a rim, spaced lugs projecting outwardly from said rim and adapted to directly receive a demountable tire retaining rim and hold the same in spaced relation to said rim, and a substantially imperforate plate joining said hub and rim, said hub, rim, plate, and the spaced outwardly projecting lugs being formed of a light weight material having a specific gravity of less than one-half that of iron and a thermal conductivity of more than three times that of iron.

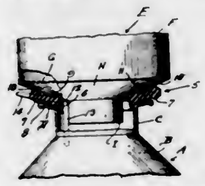
2,450,508
TIN PLATE TREATMENT
Charles E. Glock, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
No Drawing. Original application September 12, 1945, Serial No. 615,916. Divided and this application March 29, 1948, Serial No. 17,809
2 Claims. (Cl. 204—28)

1. In the method of treating a continuous strip of tin plate in a line wherein the tin coating is electrolytically deposited and then flow brightened, the steps of treating such bright finished tin plate to render the same resistant to the action of food acids and sulphur stains comprising subjecting the surface of the flow brightened tin plate to a light rubbing action which does not deteriorate the flow brightened finish, then subjecting the brightened tin plate to an aqueous acid electrolytic bath in which the tin plate is the cathode for from about three to about ten seconds, the bath being maintained at a temperature between about 170° F. and 200° F. and the current density at the cathode being about ten amperes per square foot to about 100 amperes per square foot, the bath consisting essentially of about 0.25% to 5.0% chromic acid and not more than about 0.01% SO_4 radical.

2,450,509
TIN PLATE TREATMENT
Charles E. Glock, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
No Drawing. Application September 12, 1945, Serial No. 615,916
2 Claims. (Cl. 204—28)

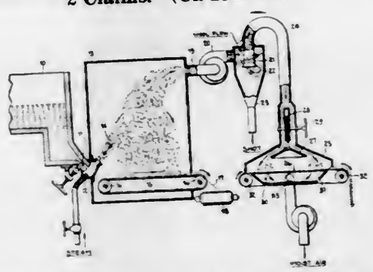
1. In the method of treating a continuous strip of tin plate in a line wherein the tin coating is electrolytically deposited and then flow brightened, the steps of treating such bright finished tin plate to render the same resistant to the action of food acids and sulphur stains comprising subjecting the surface of the flow brightened tin plate to a light rubbing action which does not deteriorate the flow brightened finish, then subjecting the brightened tin plate to an aqueous alkaline electrolytic bath in which the tin plate is the cathode for from about three to about ten seconds, the bath being maintained at a temperature between about 170° F. and 200° F. and the current density at the cathode being about ten amperes per square foot to about 100 amperes per square foot, the bath consisting essentially of about .3% to 2.0% sodium dichromate and about 1.5% to 6% trisodium phosphate.

2,450,510
MILK CAN STRAINER ACCOMMODATING ATTACHMENT
Peter P. Hanson, Pocahontas, Iowa
Application January 7, 1946, Serial No. 639,627
2 Claims. (Cl. 210—155)



1. A rubber gasket ring adapted to be interposed between a conventional type milk strainer and an associated milk can and comprising a ring having on its inner peripheral edge a depending endless lip adapted to telescope into the interior of the milk can neck, the under side of said ring, adjacent the outer peripheral edge of the ring, being provided with a V-shaped rib adapted to fit down tight against the outer marginal edge of the usual bead on the flange of the milk can neck, the upper surface of said ring being provided with an inner annular rib and a radially spaced complemental outer V-shaped upstanding marginal rib, said ribs being spaced apart to provide a channelway therebetween and said ribs being adapted to seat a portion of the strainer while retaining a predetermined area thereof away from contact with said ring.

2,450,511
APPARATUS FOR DIVERTING MINERAL WOOL FROM BLOW ROOMS
Harold R. Harner, Ralph L. Lindemuth, and Alton L. Jones, Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio, a corporation of Ohio
Application January 24, 1945, Serial No. 574,412
2 Claims. (Cl. 154—27)

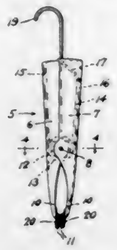


1. In combination with a mineral wool blow room, an apparatus connected to an elevated point in one of the walls of said room, said apparatus comprising suction means for exhausting a portion of the wool contents of the blow room into the apparatus, pneumatic centrifugal means for purifying the wool of shot, pipe means for delivering the so purified wool to a conveyor, distributing means at the delivery end of said pipe for distributing the wool uniformly on the said conveyor, a foraminous conveyor positioned below said distributing means adapted to receive wool deposited thereon by the distributing means and to form a continuous strip of wool and suction means arranged on the under side of said conveyor to suck continuously the air from the stream of wool being deposited on the upper conveyor surface through the conveyor belt whereby to speed strip formation.

2,450,512
GARMENT HANGER
William F. Helwig, West Allis, Wis.
Application January 23, 1946, Serial No. 642,913
1 Claim. (Cl. 223—96)

A trouser hanger comprising, opposed substantially U-shape body members having inturned upper ends of different lengths, a spacer between certain portions of the body members, a pivotal pin passing through aligned apertures in the body members and spacer and retaining the same together, substantially U-shape arms formed on the body members below the pivotal pin thereof, jaws secured to the lower ends of said arms in opposed relation to one another, padding secured

to the inner opposed surfaces of the jaws, a coil spring having its convolutions loosely surrounding the periphery of the spacer with one end thereof extending through a hole in the longer inturned end of the adjacent body member and

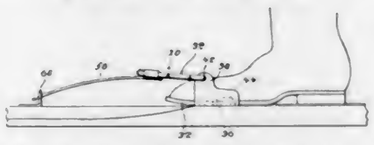


its opposed end bearing against the inner surface of the other body member, and a hook formed on the outer end of that end of the coil spring extending through the aforesaid hole in the inturned end of the body member.

2,450,513
SOREL CEMENT
Dean S. Hubbell, Sharpsburg, Pa., assignor to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application June 29, 1945, Serial No. 602,398
3 Claims. (Cl. 106—106)

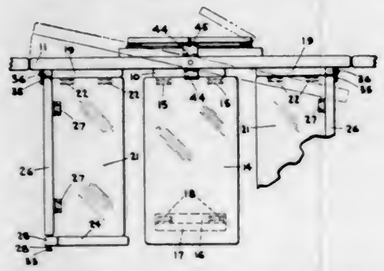
1. A cementitious material possessing superior water resistance and strength comprising a magnesium oxychloride cement containing a finely divided cupreous powder, the major portion of whose particles are of a size of the order of a few microns, said cupreous powder comprising essentially metallic copper particles having protective cuprous oxide films thereon and a substantial proportion of cuprous oxide, said cupreous powder being present in an amount substantially less than the amount of the cement.

2,450,514
SKI BINDING
Karl G. Humlegard, Washington, D. C.
Application July 27, 1945, Serial No. 607,391
2 Claims. (Cl. 280—11.35)



1. In a ski, the combination of a pair of toe irons adjustably secured to the face of the ski for receiving a shoe sole and each having an upright side flange and a base plate, said flanges having pivot apertures with axes converging in a rearwardly direction of the ski, a plurality of upstanding spaced pins secured to each base plate and adapted to fit within cooperative openings of a shoe sole to positively retain the same against slippage relative to the base plate, a wire member for releasably retaining said shoe sole against said pins and said base plates, said wire member including a substantially U-shaped bight portion, arm elements diverging therefrom rearwardly of the ski, supporting portions extending from said arm elements parallel to said toe iron flanges, pivot portions extending at right angles from said supporting portions and rotatably mounted in said pivot apertures and shoe sole engaging portions extending from said pivot portions in a plane parallel to said supporting portions and adapted to engage the shoe sole to retain the same interlocked with said upstanding pins, a substantially T-shaped means having its aligned transverse cross arms curved around said bight portion and its central leg terminating in a semi-cylindrical groove directed away from the face of the ski, a substantially U-shaped spring wire element for yieldingly rotating the wire member, said spring wire element having its bight portion located in said semi-cylindrical groove and its legs passing under the arms of said T-shaped means and said bight portion, a bracket secured to said ski and having an aperture for receiving and anchoring the terminal portions of the legs of said spring.

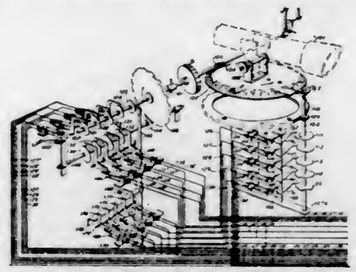
2,450,515
FOLDING BREAKFAST NOOK
Opees V. Kendall, Elkhart, Ind.
Application July 16, 1946, Serial No. 683,896
5 Claims. (Cl. 155—123)



5. A piece of furniture hingedly connected with a partition or the like and having a leg pivotally attached to it, said leg being adapted to swing by gravity in and out of furniture supporting position, when the piece of furniture is moved in or out of operative position, wherein the piece of furniture is a table and a spring clip on the partition adapted to engage and hold the table top in folded position, a bench seat pivotally connected with the partition, a bench back hingedly fastened to the seat and a bench leg fastened to the free end of the seat by hinges and extending upwardly to form a back end, the partition being supported pivotally about a vertical axis.

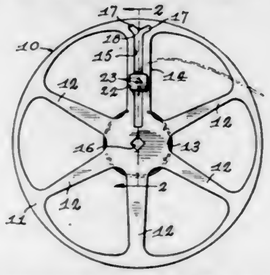
2,450,516
TELEMETRIC DATA TRANSMISSION SYSTEM
Fullerton S. Kinkead, deceased, late of New York, N. Y., by Rita Smith Kinkead, administratrix, Trudeau, N. Y., and Walter A. Phelps, Madison, and Edward M. Smith, Montclair, N. J., and Fred J. Singer, Rockville Centre, N. Y., and Lawrence E. Melhuish, Glen Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 11, 1944, Serial No. 517,824
7 Claims. (Cl. 177—351)

2. In a data transmission system, a transmission circuit, five separate independent alternating current conducting channels in said circuit corresponding to five elements of a permutation code, means connected to said circuit for translating any numeral in one place in a multidigit number into alternating current signal elements in accordance with combinations in said five-element code requiring for transmission changes in the conditions of four of said channels only while



said fifth channel remains unchanged in one of two possible conditions and means for translating combined digits in two other places in said number into single code combinations requiring changes in the conditions of all of said five channels.

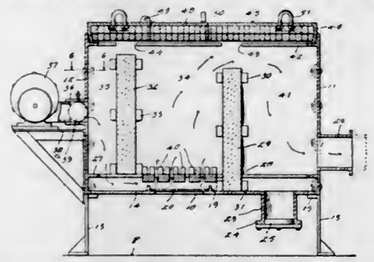
2,450,517
MOTION-PICTURE FILM REEL
Aubrey Koppel, Montreal, Quebec, Canada
Application January 10, 1946, Serial No. 640,262
7 Claims. (Cl. 242—70)



1. A film reel comprising side flanges and a core, a radially disposed slot in each flange having a bifurcated outer extremity, a stay in marginal engagement with each slot, cross members joining the stays, the whole slidable in the slots and film clamping means pivotally attached to the cross members and means to open and close the film clamping means.

2,450,518
AIR HEATER FOR CASTINGS
Alexander M. Lister, Philadelphia, Pa.
Application March 18, 1944, Serial No. 527,066
5 Claims. (Cl. 263—19)

1. An air heating furnace of the character stated, comprising a rectangular structure having side, end and bottom walls and a removable top wall closing the top of the structure, means for introducing air through one end wall, means for carrying off air from the structure at the other end wall, a flange encircling the interior of the structure adjacent to the bottom wall and carried by the end and side walls, said flange in the side wall portions having oppositely positioned breaks therein, a pair of transversely extending fire resistant walls within the structure, one of said walls being adjacent to the air outlet and extending downwardly through the said breaks in the flange and resting upon the bottom wall, the other one of the transverse walls being supported upon the opposite side wall portions of the flange adjacent the end wall having the air admission means therein, the space between said transverse walls forming a fire box, a grate



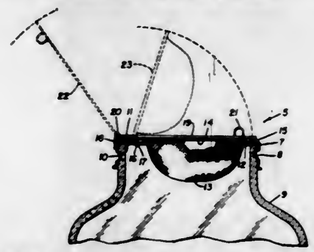
structure supported in spaced relation with the bottom wall in the lower part of said fire box, and said transverse walls being maintained for vertical sliding movement to facilitate removal through the top of the structure when the top wall is removed.

2,450,519
BELT CONNECTOR
Julius A. Luther, Cincinnati, Ohio
Application March 24, 1944, Serial No. 527,888
1 Claim. (Cl. 24—31)



A belt connector, as an article of manufacture, consisting of a pair of cylindrical close coiled spring elements, separably coupled by several coils at the terminal of one element of reduced cylindrical dimension forming a stud for a threading engagement into an end of the second element, the coils of the stud having an outside diameter greater than the inside diameter of the coils of the second element cooperating therewith for a coupling union, and the belt joining end of each element, respectively having an end convolution of eccentric form to extend beyond the circumference of the adjoining convolutions for a self-initiating and impinging engagement upon the belt in effecting the union by relative rotative and advancing movements of the belt and connector element.

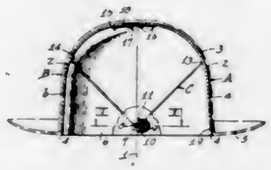
2,450,520
STRAINER CAP
Gerald W. Maddux, Huntington, W. Va.
Application December 6, 1946, Serial No. 714,418
1 Claim. (Cl. 210—155)



A strainer cap comprising in combination, an annular cap member adapted for positioning on

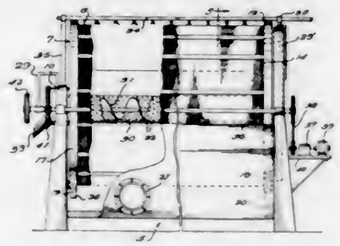
a receptacle and including a circular opening, a substantially semi-spherical screen positioned in said opening, a wire rod secured at the edge of said screen and constituting a marginal rim, a U-shaped finger piece formed medially the length of said rod, the end portions of said rod forming a pair of hinge pintles and being rotatably attached to said cap member, a cover also hinged to said member, said cover being registrable with said screen, and a handle provided on said cover.

2,450,521
ADJUSTABLE HAT FORM
August Moebes, Vallejo, Calif.
Application April 2, 1946, Serial No. 658,991
4 Claims. (Cl. 223—84)



4. An adjustable hat form adapted for use in cleaning hats of different sizes and having the general configuration of a hat crown; the form comprising two sections abuttable together along a medial vertical plane; the form sections having smooth exterior surfaces and being made for insertion into the crown of a hat to prevent the latter from folding inwardly under pressure of a brush or the like used in cleaning the outer surface of the crown; a rod pivotally securing the form sections together adjacent to the bottoms of the form sections; the latter being arranged to have limited separation with respect to each other on the rod; a spring coiled around the rod and having its opposite ends bearing against the inner surfaces of the form sections intermediate the heights of the latter; the spring being arranged for urging the form sections to move away from each other and snugly bear against opposing portions of the hat crown; and means limiting the separation of the tops of the form sections relative to one another.

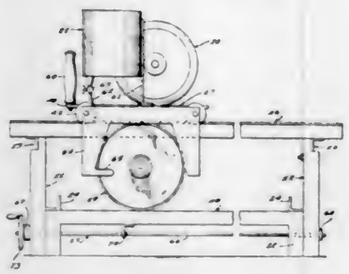
2,450,522
LIQUID CLARIFIER
James P. North, Green Bay, Wis.
Application July 3, 1946, Serial No. 681,315
2 Claims. (Cl. 210—199)



1. In a liquid clarifier, a drum comprising a foraminous body having longitudinal radially disposed vanes on the inside thereof, an imperforate disk closing one end of the body and having a central cylindrical discharge neck rigid therewith, an annulus at the other end of the body, said disk and said annulus being concentric with the axis of and of a diameter greater than said body, and tie bolts connecting said disk and said annulus and disposed about said body, in combination with rollers engaging the peripheries of the disk and the annulus to rotatably support the drum, a driven shaft journaled at one side of the drum, and a chain gearing between said shaft and said neck.

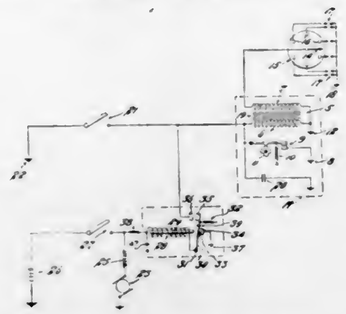
2. In a liquid clarifier, a drum comprising a foraminous body having longitudinal radially disposed vanes on the inside thereof, an imperforate disk closing one end of the body and having a central cylindrical discharge neck rigid therewith, an annulus at the other end of the body, said disk and said annulus being concentric with the axis of and of a diameter greater than said body, and tie bolts connecting said disk and said annulus and disposed about said body, in combination with rollers engaging the peripheries of the disk and the annulus to rotatably support the drum, a driven shaft journaled at one side of the drum, a chain gearing between said shaft and said neck, a tank carrying said rollers and within which the lower half of said tank revolves, said tank having a bearing at one end in which said neck is journaled, a stationary perforated trough supported axially of the drum and communicating at one end with said neck, a rotatable conveyor screw in said trough having a shaft projecting outwardly through said neck, and a chain gearing between said drive shaft and the projecting end of the shaft of said conveyor screw.

2,450,523
PORTABLE TILE CUTTER
Charles F. Parker, Culver City, Calif.
Application April 18, 1947, Serial No. 742,411
2 Claims. (Cl. 125—14)



1. A portable tile cutting machine comprising a rigid table of light weight material; a trackway above and substantially parallel to said table; means adjustably supporting said trackway from said table; manually operable adjusting means operatively associated with said supporting means to vary the distance between said trackway and said table; a carriage having wheels supported on said trackway; a bracket adjustably secured to a depending carriage portion; a shaft journalled on said bracket; a motor mounted on said carriage; a belt drive between said motor and said shaft; means adjustably connecting said shaft carrying brackets to said depending platform portions whereby said shaft may be moved to adjust the tension of said shaft driving belt; and a cutting disc fixed on one end portion of said shaft.

2,450,524
STARTING AND IGNITION SYSTEM
Charles W. Root, Sidney, N. Y., assignor to Bendix Aviation Corporation, New York, N. Y., a corporation of Delaware
Application June 8, 1944, Serial No. 539,335
11 Claims. (Cl. 123—179)



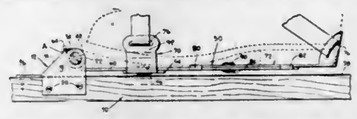
1. In an ignition system for an internal combustion engine, a magneto generator having an ignition coil comprising a primary winding, a circuit breaker connected across said winding, means for periodically opening said circuit breaker, a source of electrical energy, a motor, a solenoid comprising an induction coil, means including a switch connecting said motor and one end of said induction coil to said source, an armature movable by said solenoid when the latter is energized by said source, a pair of contacts movable with said armature, means connecting said contacts with the other end of said induction coil, a stationary contact connected to ground and adapted to be engaged by one of said movable contacts, resilient means for normally holding said last-named contacts in engagement to close a circuit containing said induction coil and said source, a second stationary contact engageable by the other of said movable contacts when said armature is electromagnetically attracted by said solenoid, and means for connecting said second stationary contact to the ungrounded end of said primary winding.

2,450,525
PREPARATION OF MACARONI PRODUCTS
René Samson, Montreal, Quebec, Canada
No Drawing. Application August 4, 1945, Serial No. 609,015
In Canada July 13, 1943
1 Claim. (Cl. 99—85)

In a process for manufacturing macaroni, spaghetti and the like uncooked alimentary pastes, for the purpose of controlling the cooking time of said pastes, the step of adding to the semolina flour used in such manufacture an aqueous solution of a colloid from the group consisting of pectin, algin and gelatin, the percentage of solid colloid to the semolina flour being comprised between 1% to 5%.

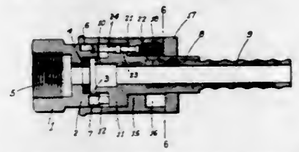
2,450,526
SKI BINDING
John Henry Schleder, Los Angeles, Calif.
Application July 31, 1944, Serial No. 547,369
1 Claim. (Cl. 280—11.35)

A ski binding comprising: anchorage means adapted to be secured to the body of a ski, and providing an ear extending upwardly from each side of the ski; a forwardly extending bracing part extending from substantially the top of said ears to the ski body; a spindle extending between and removably secured in ears in spaced relation to said ski body; bearing elements positioned on said spindle and abutting the inwardly facing surfaces of said ears; one of said bearing elements having a cylindrical bearing surface and a peripheral flange of greater diameter than said bearing surface and provided with a plurality of openings; a foot plate having the toe end formed to provide a cylindrical housing mounted on and guided for swinging movement by said bearing elements and inwardly facing surface of one of



said ears and the side of the peripheral flange on one of said bearing elements; a coiled spring surrounding said spindle and within the cylindrical housing, one end of said spring engaging in and bearing against said housing and the other end of said spring engaging with bearing element having a peripheral flange; a removable pin adapted to be placed in said openings and engaged by the wall thereof; and an abutment formed on said anchorage means and acting to hold said peripheral flange when said spring has been placed under a desired tension, said bracing part tending to deflect and prevent snow from packing underneath said foot plate.

2,450,527
SEMIAUTOMATIC COUPLING
Vernon C. Smith, Stockton, and Paul E. Bohn, Angels Camp, Calif., assignors to P. & V. Quicklocking Co., Stockton, Calif., a corporation of California
Application October 27, 1945, Serial No. 624,966
5 Claims. (Cl. 285—177)

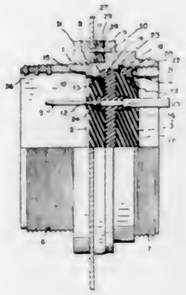


1. In a coupling which includes male and female members, a sleeve included with and turnable on the female member, means between the sleeve and male member and functioning upon relative rotation of the sleeve from a predetermined position to engage and hold the members in coupled connection subsequent to an initial engagement of the members with each other, and a spring tending to so rotate the sleeve; means to hold the sleeve against movement from such position and so that the spring is loaded, and means functioning upon such initial engagement of the members to release the holding means.

2,450,528
ELECTRICAL CONNECTOR
Edward A. Sprigg, Toledo, Ohio, assignor to H. H. Buggie & Company, Toledo, Ohio, a corporation of Ohio
Application December 18, 1944, Serial No. 568,720
7 Claims. (Cl. 174—77)

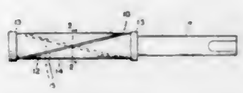
1. An electrical connector comprising a shell, a body within said shell having a hole extending

therethrough longitudinally of said shell, a sealing device within said shell comprising a pressure plate and a yieldable sealing member bonded to said plate, said sealing member having a body portion at one side of the plate and an annular flange portion encircling said plate and terminating in an annular enlargement, an elec-



trical contact extending within the hole in said body and through said pressure plate and sealing member and bonded around its periphery to said sealing member, and means within said shell exerting pressure upon said enlargement to hold said sealing member against said body and to displace said sealing member into tight engagement with said shell.

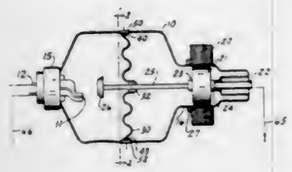
2,450,529
METHOD OF MAKING ELECTRICAL SOCKET CONNECTIONS
Edward A. Sprigg, Toledo, Ohio, assignor to H. H. Buggie & Company, Toledo, Ohio, a corporation of Ohio
Application January 22, 1945, Serial No. 573,853
2 Claims. (Cl. 29—155.55)



2. The method of making a spring metal electrical connector socket comprising forming a bore in the socket having a diameter somewhat greater than the external diameter of the contact pin to be engaged in the socket, cutting opposite sides of the socket to form slots extending in planes diagonally disposed with respect to each other, and reducing the internal diameter of the bore by twisting the slotted portion of the socket beyond the elastic limit of the metal to set the metal to said reduced diameter.

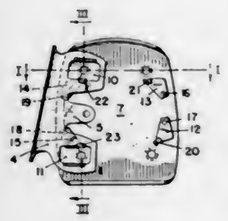
2,450,530
X-RAY RECTIFYING MECHANISM
David Sussin, South Fort Mitchell, Ky., assignor to The Kelley-Koett Manufacturing Company, Covington, Ky., a corporation of Ohio
Application March 21, 1945, Serial No. 583,949
14 Claims. (Cl. 250—101)

1. An X-ray tube comprising a high vacuum container, a filament therein, means for effecting controlled heating of said filament, a target, mechanical rectifying means for the high voltage current comprising movable contractors mounted within said container, and means operable from



the outside of said container for causing rectifying movement of said rectifying means.

2,450,531
SKI BINDING
Frank Georg Tappé, Oslo, Norway
Application October 15, 1945, Serial No. 622,401
In Norway May 3, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires May 3, 1964
1 Claim. (Cl. 280—11.35)

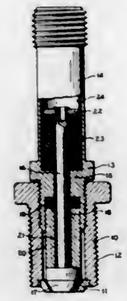


A ski binding, comprising angularly shaped side irons adapted to rest with one leg on the top of the ski or on a mounting plate attached thereto, and a cover plate adapted to rest on top of the side irons and to lock the same to the top of the ski or the mounting plate by means of screws adapted to pass through the said elements and into the ski, means attached to the under-side of the cover plate adapted to engage the side irons and adjustably attach the same to the cover plate, said means consisting in hook formed springs adapted to grip over the edge of the side iron.

2,450,532
INSULATING MEANS AND METHOD OF MAKING THE SAME
Tullio Tognola, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Original application July 9, 1940, Serial No. 344,506. Divided and this application March 30, 1942, Serial No. 436,831
7 Claims. (Cl. 174—209)

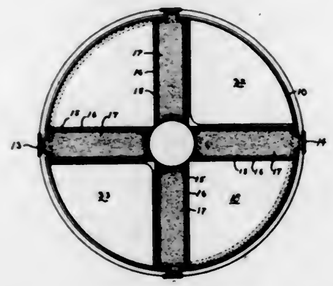
1. The method of making electrical insulators which includes the steps of mixing powdered electrical insulating material, such as ceramic material, and metallic powder in a dry state, dampening said powdered mixture, separately placing said mixture and a quantity of dampened

insulating powder in different portions of a mold, compressing the contents of said mold, and bak-



ing the contents of said mold until the same is dried.

2,450,533
ADSORPTION APPARATUS
Edmund M. Velten, Dayton, Ohio, assignor to Chemical Developments Corporation, Dayton, Ohio, a corporation of Ohio
Application December 4, 1944, Serial No. 566,625
In Canada August 7, 1943
2 Claims. (Cl. 183—4.3)

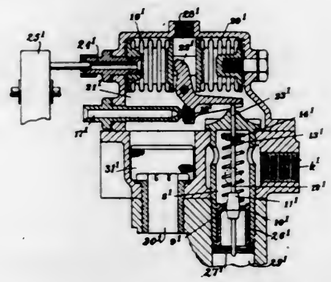


2. In an adsorber a cylindrical body or casing, a closed cylindrical member of relatively smaller diameter concentrically disposed within said casing, four equidistantly spaced beds extending radially from the outer periphery of said cylindrical member of smaller diameter to the inner periphery of said casing, a distributing plate forming the bottom support for said beds, said plate having two diametrically opposite apertures permitting flow of fluids therethrough, a distributing plate resting adjacent the top portion of said beds, said plate having two diametrically opposite apertures thereon for the flow of fluids therethrough, inlet and outlet connections on opposite ends of said adsorber adapted to cooperate with said distributing plates for the flow of fluids through said beds, the apertures in said first mentioned distributing plate and the apertures in said second mentioned distributing plate being contraposed, whereby fluids passing through the apertures of one of said distributing plates are caused to flow through said beds before passing through the apertures of the other distributing plate.

2,450,534
EMULSION PRINTING INKS
Andries Voet, New York, N. Y., assignor, by mesne assignments, to J. M. Huber Corporation, New York, N. Y., a corporation of New Jersey
No Drawing. Application August 4, 1945, Serial No. 609,014
13 Claims. (Cl. 106—28)

1. A printing ink comprising a stable dispersion of coloring matter consisting substantially of vehicle-insoluble pigment in a vehicle composed essentially of water emulsified in water-immiscible ink vehicle liquid with a long-chain nonaromatic amine containing a linear hydrocarbon chain of at least 15 carbon atoms and having at least 18 carbon atoms attached to a nitrogen atom through carbon bonds, said ink being of the water-in-oil emulsion type and having a yield value and a rate of flow substantially as good as those of an ink composed of the same amounts and kinds of coloring matter and water-immiscible ink vehicle liquid only.

2,450,535
MEANS FOR AUTOMATICALLY CONTROLLING THE SUPPLY OF LIQUID FUEL TO A PRIME MOVER
Ernest Ansley Watson, Gibbet Hill, Coventry, and Richard Joseph Ifield, Ealing, London, England, assignors to Joseph Lucas Limited, Birmingham, England
Application February 7, 1944, Serial No. 521,470
In Great Britain December 16, 1942
3 Claims. (Cl. 158—36.3)



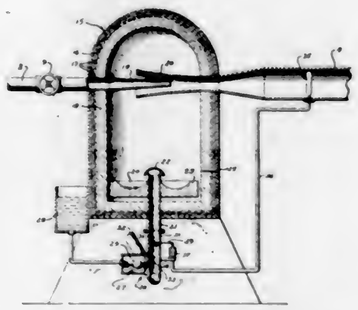
1. Means for automatically controlling the supply of liquid fuel from a pump to a prime mover having associated with it a blower for supplying the air required for combustion of the fuel, comprising the combination of a chamber through which the liquid fuel can flow, from the pump to the prime mover, an annulus slidably mounted in the chamber, a tapered plug arranged in the chamber coaxially with the annulus and forming with the latter a variable orifice for controlling the flow of fuel through the chamber, the annulus and plug being such that their relative positions and consequently the area of the orifice are dependent on the difference of fluid pressure at the opposite sides of the orifice, an axially movable stem on which the plug is provided, a loading spring associated with both the annulus and plug, a lever adapted to be moved by and to impart movement to the stem, means for actuating the lever in response to blower-air pressure, and means operable by the lever for controlling the flow of fuel to the said chamber.

2,450,536
ANIMAL TRAP
Samuel Albert Whitbread, Sydney, New South Wales, Australia, assignor to Anthony Louison, Sydney, New South Wales, Australia
Application March 20, 1944, Serial No. 527,228
In Australia May 18, 1943
6 Claims. (Cl. 43—92)



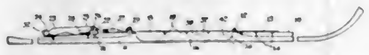
1. In an animal trap of the character described and including a trap base, openable and closable jaws mounted thereon, and a pad hinge-leaf pivotally mounted relative to said base: a catch assembly comprising an upstanding part of said base which is disposed within the space bounded by the jaws of the trap when in open position and which has an upright slot therein, a catch which is pivotally connected by one end to said hingle-leaf and whereof the free end is adapted to obstruct a trap jaw while projecting through said slot and in contact with the said upstanding part at the upper end of said slot, and means interposed between said upstanding part and the aforesaid one end of said catch and arranged under and in substantial alinement with said catch, said means constituting a limit of movement for said catch and being engageable with the latter while the catch is still in said slot, whereby said free end is constrained to remain within said slot for any position of said catch.

2,450,537
APPARATUS FOR EXTINGUISHING FIRES
Hilding V. Williamson, Chicago, Ill., assignor to Cardox Corporation, Chicago, Ill., a corporation of Illinois
Application August 17, 1945, Serial No. 611,009
11 Claims. (Cl. 169—11)



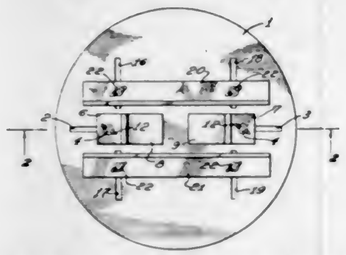
7. A heater for elevating the temperature of carbon dioxide being delivered through a conduit from a carbon dioxide container to a place of use, said heater comprising a shell having insulated walls, an aspirator jet therein including an inlet nozzle and an outlet Venturi for connection into the conduit with the nozzle disposed to receive carbon dioxide from the container, a duct extending into the interior of said shell, and means for delivering a combustible fuel to said duct for combustion inside the shell.

2,450,538
FOLDING SKI
John Paul Beaudin, Montreal, Quebec, Canada
Application October 19, 1946, Serial No. 704,517
6 Claims. (Cl. 280—11.13)



2. A folding ski comprising separable front and rear ski sections adapted to be slidably moved into and out of interlocking engagement, a hinge member including a hinge plate rigidly secured to one ski section and a guide plate having one end hingedly connected to said hinge plate, said remaining ski section being slidably connected to said guide plate, and adjustment means adapted to slide said last mentioned ski section into and out of interlocking engagement with the other ski section.

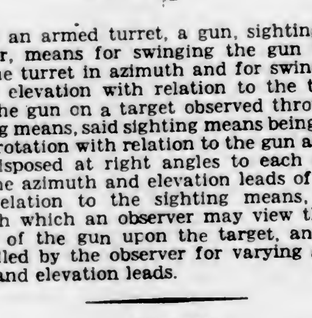
2,450,539
DOLLY WHEEL PLATE
Joseph L. Brock, Arcadia, Calif.
Application July 22, 1947, Serial No. 763,290
2 Claims. (Cl. 188—32)



1. A wheel clamp including a circular base having a pair of longitudinal diametrically aligned perforations therein and two pairs of parallel longitudinal perforations perpendicular to the aforenamed perforations and symmetrically positioned intermediate in the center of the base and the periphery thereof, a pair of wheel blocks having perforations at the outer ends thereof, bolts seated in said diametrically aligned perforations and extending through the perforations of the blocks for the purpose of clamping the blocks in adjusted position on the base, a pair of angle bars having perforations therethrough for registration with said sets of perpendicular perforations, and bolts seated in the latter and extending through the perforations of said bars to lock the bars in properly adjusted position relative to the wheel blocks.

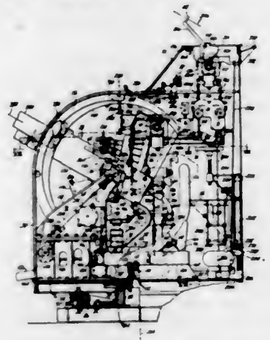
2,450,540
BOMB RACK MAGAZINE WITH RELEASE MECHANISM
Joseph C. Cantley, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application May 31, 1944, Serial No. 538,108
9 Claims. (Cl. 89—1.5)

1. An aircraft flare magazine comprising means for supporting a plurality of flares in superposed relation, means urging said supporting means into inoperative positions, latches for holding said supporting means in operative positions, a latch release shaft, means carried by said shaft for causing successive release of said latches in response to successive turning movements of said shaft, means for operating said shaft, and means carried by said shaft for maintaining said latches



in inoperative positions until said shaft has returned to an initial position.

2,450,541
ARMED TURRET
Ernest E. Chase, Ernest S. Nokes, and Frank E. Stratton, Beverly, and William V. Goodhue, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application March 27, 1945, Serial No. 585,150
8 Claims. (Cl. 89—41)



1. In an armed turret, a gun, sighting means therefor, means for swinging the gun together with the turret in azimuth and for swinging the gun in elevation with relation to the turret to train the gun on a target observed through said sighting means, said sighting means being mounted for rotation with relation to the gun about two axes disposed at right angles to each other to vary the azimuth and elevation leads of the gun with relation to the sighting means, a sight through which an observer may view the effect of fire of the gun upon the target, and means controlled by the observer for varying said azimuth and elevation leads.

2,450,542
HAIR CURLER
Elizabeth Eppich, Cleveland, Ohio
Application January 29, 1946, Serial No. 644,050
6 Claims. (Cl. 132—40)

3. A hair dressing device comprising an elongated body having an outer surface about which hair may be curled, a hair retaining arm disposed wholly outside said body surface, means at one end of the body pivotally mounting the arm at one end for swinging movement in a plane disposed wholly outside of said outer surface, the other end of said arm being free, the arm being swingable to and from a hair retaining position

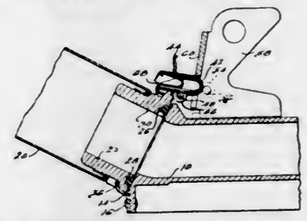


in which the arm parallels the body in closely overlying relation thereto but is disposed wholly outside said body surface, and said mounting means being movable on the body to carry the arm about the body while keeping the arm in hair retaining position.

2,450,543
HERBICIDAL COMPOSITION
Albert L. Flenner, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 22, 1945, Serial No. 584,251
3 Claims. (Cl. 167—45)

3. A composition of matter, useful as a plant regulant herbicide, consisting predominantly of 5 to 25 parts by weight of 2,4-dichlorophenoxyacetic acid, 2 to 10 parts by weight of a dispersing agent, and the balance a mutual solvent for the 2,4-dichlorophenoxyacetic acid and the dispersing agent consisting of a mixture of cyclohexanone and hydrogenated naphtha.

2,450,544
BAG COUPLING
Charles F. Foley, Bloomington, Ill., assignor to Eureka Williams Corporation, a corporation of Michigan
Application November 27, 1945, Serial No. 631,051
6 Claims. (Cl. 285—173)



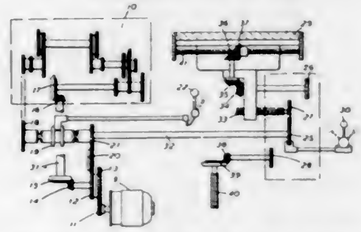
1. In a bag coupling for a suction cleaner in which the cleaner is provided with an outlet and a face surrounding the outlet, a hollow coupling member having a gasket around the opening therethrough and which gasket is arranged to be seated on said face, said cleaner having a clip positioned below said outlet and a pivoted latch member having a sloping forward face positioned above said outlet, said coupling member having a seat arranged for cooperation with said clip, said clip being cooperable with said seat for locating one side of said coupling member relative to said outlet whereby said coupling member is rockable on said clip, said coupling member having a shoulder aligned with said forward face and arranged to be engaged and held by said pivoted latch when said coupling member is rocked on said clip to position said gasket in sealing relationship with said face, and a release by means of which pressure may be applied to said pivoted latch for disengaging the same from said shoulder.

2,450,545
BATON
Harry K. Foster, Pittsburgh, Pa.
Application September 12, 1946, Serial No. 696,455
9 Claims. (Cl. 84—477)



1. A baton provided with a straight twirling pin extending at right angles to and in the plane of its longitudinal center.

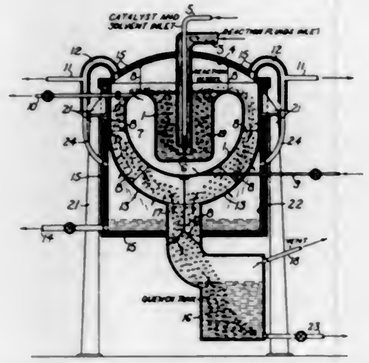
2,450,546
MILLING MACHINE CONTROL GEAR
Jack Frye, Broomfield, Abbotts Langley, England
Application August 13, 1945, Serial No. 610,575
In Great Britain December 3, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 3, 1963
13 Claims. (Cl. 90—21)



1. Milling machine driving and control gear comprising a driving motor for the milling spindle, a reversing switch for selectively controlling the direction of running of said motor, a second electric motor for adjusting the work table of the machine, a shaft adapted to be driven by said motor at high or low speed according to the setting of a control member, means for selectively coupling said shaft to driving means for raising and lowering the work table, or traversing the work table laterally, or moving the work table to and fro parallel to the milling spindle, and a common control switch for both of said motors having a neutral position in which both motors are at rest, two extreme lateral positions in which the spindle motor and the second motor run in opposite directions to traverse the table in opposite directions, and two other lateral positions intermediate between the neutral position and the extreme lateral positions in which the second motor does not run but the spindle motor runs, so that traverse of the work is stopped before the milling cutter ceases to rotate.

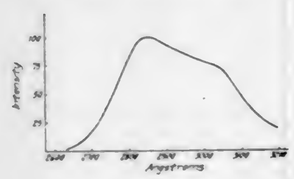
2,450,547
CONTINUOUS PROCESS FOR MAKING SOLID POLYMER
Peter J. Gaylor, Union County, N. J.
Original application December 8, 1941, Serial No. 422,137. Divided and this application May 6, 1944, Serial No. 534,445
4 Claims. (Cl. 260—93)

1. In the continuous process for producing a dispersed solid polymer, the particles of which tend to coalesce during removal from the reactor, said polymer being obtained by polymerizing a polymerizable raw material in liquid phase at low temperature ranging from 0° C. to —100° C., with an active halide catalyst of the Friedel Crafts type and forming a discrete dispersion of solid polymer in liquid, the improvement comprising



continuously screening said polymer immediately after reaction while it is still at low temperature, to separate it from the liquid.

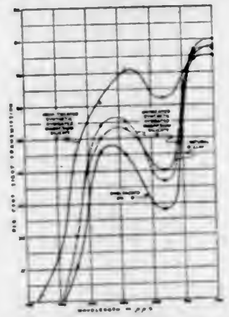
2,450,548
ERYTHEMAL PHOSPHOR
Jacob H. Gisolf, Ferdinand A. Kröger, and Jan Bakker, Eindhoven, Netherlands, assignors to General Electric Company, Inc., Schenectady, N. Y.
Application February 26, 1943, Serial No. 477,327
In the Netherlands June 16, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires June 16, 1961
4 Claims. (Cl. 176—122)



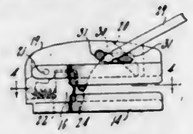
4. An ultraviolet generator embodying a source of short-wave ultraviolet radiation and a fluorescent layer comprising cerium fluoride in which the cerium is present in trivalent form and characterized by resulting radiation in the erythemal ultraviolet when excited by the short-wave ultraviolet radiation.

2,450,549
DECOLORIZING VEGETABLE OILS WITH FERRIC SALTS AND SILICATES
Alexander Greentree, Paulsboro, N. J., assignor, by mesne assignments, to Lyle Caldwell, Los Angeles, Calif.
Application November 24, 1944, Serial No. 564,977
4 Claims. (Cl. 260—428)

2. In a method of decolorizing vegetable oil, the step which comprises contacting such an oil with a decolorizing composition prepared by treating particles of hydrated magnesium silicate adsorbent material with a water-soluble ferric salt in aqueous solution to cause said ferric salt to become intimately associated with the particles of said material and then drying the treated material, said composition containing from about 0.5% to about 10% of iron on a dry weight basis.



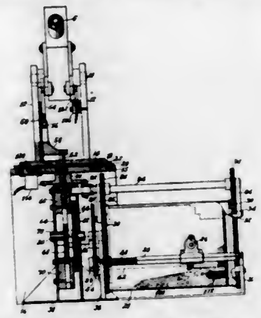
2,450,550
LOCKING SLIDER FOR SLIDE FASTENERS
John B. Griffin, Oakville, and Albert W. Hagan, Stratford, Conn., assignors to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application July 26, 1945, Serial No. 607,240
5 Claims. (Cl. 24—205.14)



1. A locking slider for engaging and disengaging the elements of separable fasteners, comprising a body having top and bottom wings, a pair of spaced ribs integral with said top wing and extending substantially the length thereof, said ribs forming a channel therebetween which is open at its top, a locking arm pivoted on said body and positioned in said channel, a locking projection on said arm adapted to engage the fastener elements, resilient means acting upon said arm for urging said projection into engagement with said elements, a pull tab, said ribs having laterally aligned elongated slots therein which are encompassed by said ribs for retaining one end of said pull tab on said slider, said end of said pull tab being slidably and pivotally mounted in said slots and adapted to exert a camming action on said locking arm to disengage said locking projection from said elements and to actuate said slider.

2,450,551
FIRE CONTROL MECHANISM FOR GUNS
Joseph Harrington, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application July 18, 1944, Serial No. 545,465
3 Claims. (Cl. 89—134)

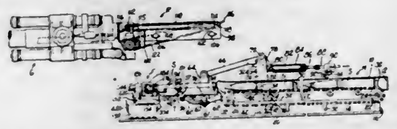
1. In combination, a gun, means mounting said gun for movement in azimuth and elevation, a photoelectric cell, a light source therefor, means operative in response to movement of the gun into a predetermined position for varying the intensity of light from the source to the photoelectric cell and operative in response to movement of the gun into another predetermined position for increasingly varying the intensity of light from the source to the photoelectric cell, means controlled by said cell in response to the variation of light thereto for preventing firing of the gun, and means controlled by said cell in response to an increased variation of intensity of light thereto for locking the gun against movement in certain directions.



2,450,552
CONTROLLING POLYMERIZATION OF POLYHYDRIC ALCOHOL ESTERS OF ALPHA-OLEFINIC DICARBOXYLIC ACIDS WITH ETHYLENIC MONOMERS
Everett C. Hurdis, Passaic, N. J., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application December 30, 1944, Serial No. 570,764
5 Claims. (Cl. 260—45.3)

1. In a method of controlling the oil phase gelling and polymerization of a polymerizable mix comprising a liquid polyhydric alcohol ester of an alpha-olefinic dicarboxylic acid, and a liquid monomeric unsaturated polymerizable compound in which the unsaturation is due to a single terminal ethylenic group which is attached to a negative radical, and in which the said ester is soluble and with which ester it is copolymerizable in the presence of a peroxy polymerization catalyst, said catalyst also being present, that improvement which consists in the step of adding a small but effective amount of a promoter of gelation which is a polyamino compound selected from the class consisting of ethylene polyamines and propylene polyamines, each containing at least one terminal primary amino group, and the N-ylidene derivatives of the foregoing polyamines obtained from their reaction with aldehydes.

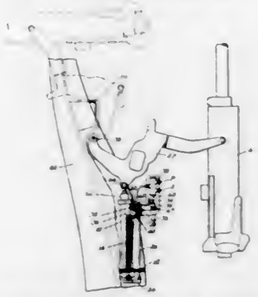
2,450,553
FUSE SETTING MECHANISM FOR GUNS
Bernhardt Jorgensen, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application June 18, 1943, Serial No. 491,353
11 Claims. (Cl. 89—6.5)



4. In combination, means for feeding shells in tandem fuse-setting means positioned to receive the nose of the leading shell and arranged to set

the fuse of the shell while the shell is held motionless, said fuse-setting means including means arranged to be engaged by the nose of the leading shell for interrupting the operation of the feeding means.

2,450,554
INSTRUMENT POSITIONING DEVICE
Jacob C. Jorgensen, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application September 20, 1944, Serial No. 555,023
8 Claims. (Cl. 89—41)



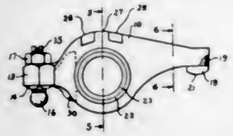
3. In combination with a gun mounted to swing upon a horizontal pivot into and away from a stowed or an operative position, a device arranged to move the gun about its pivot, said device comprising a support, a fluid pressure motor resiliently mounted with respect to said support, a power actuated portion of said motor being connected to said gun, valve means arranged to control the passage of fluid to and from said fluid pressure motor to effect the movement of the gun with power, and means operated by an initial bodily movement of the motor and gun to actuate the valve thereby extending the initial movement of the gun by said power movement, said latter means having stop means for closing said valve to limit the extent of the power movement.

2,450,555
EXTRACTION OF RUTIN
Harold Freeman Koones, Clifton, N. J., assignor to S. B. Penick & Company, New York, N. Y., a corporation of Delaware
No Drawing. Application May 20, 1947, Serial No. 749,355
5 Claims. (Cl. 260—210)

1. An improvement in the production of rutin from plant materials containing it which comprises treating the crude material with water in the presence of a water-soluble borate whereby a portion of the crude material including the rutin is dissolved and adding enough water-soluble borate to bring the pH of the solution up to from about 7.0 to about 10.0, removing impurities from the solution in the pH range from about 10.0 to about 5.0, and adjusting the pH of the purified solution to a pH range of from about 4.0 to about 1.0 whereupon purified rutin crystallizes from the solution.

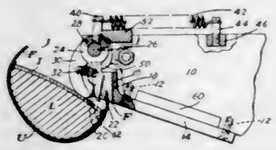
2,450,556
ENGINE ROCKER ARM
James M. Leake, Monroe, Mich.
Application February 19, 1945, Serial No. 578,657
2 Claims. (Cl. 74—519)

1. An engine rocker arm comprising a sheet metal arm member, said arm member comprising spaced side walls, a partial cylindrical wall portion at one end of said arm member, a hollow partial prism wall portion at the other end of said arm member and an upper wall integral with said side walls, said partial cylindrical wall portion and said hollow partial prism wall portion at the upper edges thereof; a hub intermediate the ends of said arm member; a fixed contacting bearing secured in said partial cylindrical wall por-



tion; an internally threaded member secured in said partial prism wall portion; an adjustable contacting bearing provided with a threaded stem portion adjustably secured in said internally threaded member, said internally threaded member secured in said partial prism portion intermediate said upper wall and said adjustable contacting bearing; and a hollow member extending from said hub to an aperture in said upper wall.

2,450,557
LASTING DEVICE
Lloyd G. Miller, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application May 17, 1946, Serial No. 670,505
16 Claims. (Cl. 12—9)

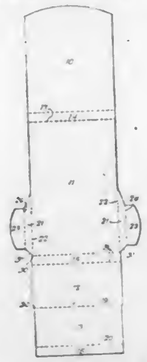


1. A device for use in lasting a shoe having, in combination, a gripper comprising a pair of jaws, means for closing the jaws on the lasting margin of the upper of a shoe, and a fixed wiper positioned adjacent to the gripper for laying the lasting margin of the upper against the shoe bottom as the shoe is moved away from the gripper to tension the upper by pulling it out of the gripper.

2,450,558
SINGLE BLANK CONTAINER FOR PAPER SHEETS
Oscar H. Ogren, Rockford, Ill.
Application September 20, 1944, Serial No. 554,901
10 Claims. (Cl. 229—16)

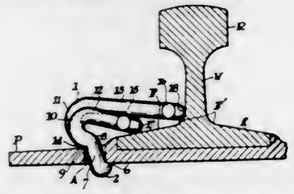
1. A container of the kind described formed from a single piece of sheet material without necessity for gumming of any portions and comprising a back, narrow side and bottom portions adapted to be folded forwardly from the side and bottom edges of said back to provide side and bottom walls for a pocket on the lower front portion of said back, the side portions having their lower edges inclined upwardly relative to the bottom of the back wall, the bottom portion being of greater transverse width than the side portions and adapted to cover the inclined lower edges of the side portions, a lower end portion integral with the bottom portion adapted to be folded upwardly from the outer edge of said narrow bottom portion, said lower end portion be-

ing adapted to be folded upon itself to provide a double thickness front wall for the pocket adapted to receive between its walls side edge flaps on the side walls for retaining the side, bottom, and front walls of said pocket in assembled



relationship, and side edge flaps on the outer edges of said narrow side portions and adapted to be folded inwardly and entered between the walls of the double thickness front wall of said pocket.

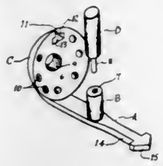
2,450,559
RAILROAD RAIL CLAMP
Louis R. Parsons, Macomb, Ill., assignor of one-fifth to W. W. Holland, Macomb, Ill.
Application August 4, 1947, Serial No. 765,880
5 Claims. (Cl. 238—349)



1. A railroad rail fastener comprising a unitary member formed from a length of stock that is centrally bent upon itself in U-shape to provide a tang including the U-bend and arms extending therefrom, said tang being adapted for insertion in an aperture in a tie plate, the U-bend including a portion for hooking under the tie plate at the bottom of the aperture, the arms including bends forming spring loops and corresponding bearing portions for engaging the top wall of the aperture, said arms extending freely from said spring loop bends toward the rail at angles in the neighborhood of right angles relative to the tang and being of a length to resiliently and frictionally engage the rail to exert a multiple pressure thereon.

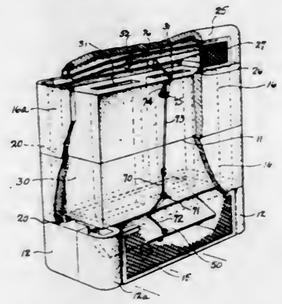
2,450,560
HAIR CURLER
Dorothy B. Redward and Carl J. Peterson, Seattle, Wash.
Application June 30, 1947, Serial No. 758,158
2 Claims. (Cl. 132—40)

1. A device for forming curls of hair on the head, comprising, a flexible band, a cylinder mounted upon the band at right angles therewith for receiving and retaining coils of hair thereon, a cap provided with a concave face mounted on one end of the band and normally at right angles therewith in spaced relation from the cylinder for binding coils of hair in position around the cylinder, said cap having a socket centrally therethrough for disposal around the



top of the cylinder in slidable position, said cap having a notch in the rim thereof opposite the band for receiving and latching the outer end of the band for maintaining the cap in closed position over the hair until the curl is set.

2,450,561
HEATING PLANT
Seymon Ria, Seattle, Wash.
Application October 1, 1946, Serial No. 700,439
4 Claims. (Cl. 219—38)



1. A heating plant of the character described comprising a heat insulated housing forming a stack-like enclosure having an air inlet at its lower end and an outlet at its upper end and through which an air stream may be caused to flow, a body of heat-absorbing material supported in said housing and extending from its lower end substantially to the height thereof, and so related to the housing walls as to provide vertical air passageways between the body surfaces and the housing walls for direct upflow of air from the inlet to said outlet, means for electrically heating said body of material, doors arranged within the housing to tightly close said passageways at upper and lower ends of said body of heat-absorbing material and thermostatically controlled means for actuating the doors between open and closed positions.

2,450,562
COVERING STRIP FOR ROOFS AND SIDINGS
William B. Robinson, Sayville, and George E. Swenson, Hastings on Hudson, N. Y.; Jessie C. Robinson, executrix of said William B. Robinson, deceased, assignor to Maxime C. Fidao and George Link, Jr., as trustees
Application February 1, 1946, Serial No. 644,768
12 Claims. (Cl. 108—13)

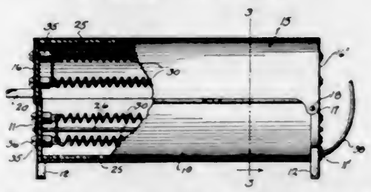
1. A covering strip for roofs and sidings, comprising a plurality of diverging elongated rigid

members having their upper edges bevelled and in contact, longitudinally extending bevelled



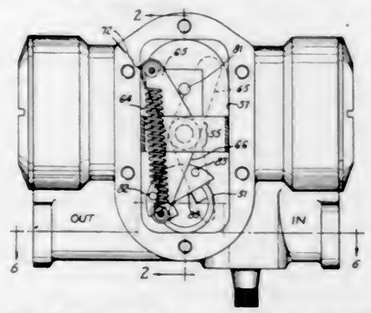
members between said elongated members and spaced from each other.

2,450,563
ROASTER
Anton F. Rommel, Tacoma, Wash.
Application January 12, 1946, Serial No. 640,812
2 Claims. (Cl. 219—19)



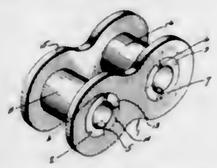
1. A roaster of the character described comprising a cylindrical, heat insulated housing with closure at its opposite ends and made up of upper and lower semi-cylindrical sections, hingedly joined at their ends to permit the upper section to be moved between closed and open positions, spaced rods extended between the end walls of the lower section for the support thereon of an article to be roasted substantially in the longitudinal center of the housing, a plurality of resistance elements extending lengthwise of the housing parallel with and at equally spaced intervals about the center line of the housing and spaced inwardly from the housing walls, and means supporting said resistance elements from the end walls of the housing and whereby the elements of the upper section will move therewith in its movements between open and closed positions.

2,450,564
FLUID OPERATED MOTOR WITH PISTON ACTUATED DISTRIBUTING VALVE AND MANUALLY ACTUATED PARKING VALVE
Columbus R. Sacchini, Willoughby, Ohio, assignor to The Marquette Metal Products Company, Cleveland, Ohio, a corporation of Ohio
Application October 2, 1944, Serial No. 556,853
9 Claims. (Cl. 121—164)



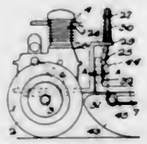
1. In a fluid operated motor of the type having a reciprocatable piston means, a rotatable valve means for controlling the operation of the piston means, a snap action toggle mechanism including spring-connected coaxially pivoted toggle arms operatively interconnecting said valve means and said piston for driving said valve means with alternate rotary motion upon reciprocation of said piston, one of the toggle arms acting against circumferentially spaced abutments on the rotary valve means to turn the latter, said one toggle arm and the valve being brought respectively to arrested zero moment arm positions solely by mutual contact.

2,450,565
TRANSMISSION CHAIN LINK
Richard L. Saifyrd, Hartford, Conn., assignor to The Whitney Chain & Mfg. Co., Hartford, Conn., a corporation of Connecticut
Application June 25, 1946, Serial No. 679,156
3 Claims. (Cl. 74—250)



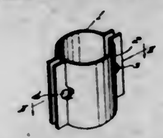
1. A transmission chain link comprising a pair of link plates having bushing openings adjacent their ends, each opening being of circular outline interrupted by two radially inwardly directed ears located less than 180° apart and equally spaced on each side of that point of a bushing opening which is nearest to the companion bushing opening in the same link plate, and a pair of sheet stock bushings curled to cylindrical form to fit said openings, and dovetail recesses in the ends of the bushings adapted to register with the said ears and to locate the meeting edges of the curled bushings substantially midway between the said ears, the recess entrances being narrower than the said ears and the relative hardness of the bushings and ears being such that the material of the ears will swell and interlock with the recesses when the bushings are forced into the plate openings.

2,450,566
MOTOR SLED
Martin Schmid, Lucerne, Switzerland
Application August 19, 1942, Serial No. 455,371
In Switzerland July 24, 1941
4 Claims. (Cl. 180—6)



1. A motor driven sled, comprising, in combination, a front sled member, a coupling plate on the rear of the sled, a separate motor chassis mounted behind the sled, a coupling plate on the motor chassis, coupling means associated with the coupling plates of the sled and chassis and cooperating to effect coupling the sled and the motor chassis, and a rotatable coupling plate rotatably secured to the sled coupling plate and secured to the motor chassis-coupling plate by spring members.

2,450,567
FLASK
Jacob D. Schwartz, Pittsburgh, Pa.
Application November 19, 1946, Serial No. 710,935
2 Claims. (Cl. 22—97)



2. A flask for casting metal, comprising a hollow tubular body for holding investment material therein, formed of two or more sections joined loosely together in axial planes of said tubular body, the joined ends of said sections terminating in outwardly extending flanges and joining means extending through said flanges joining said sections loosely together whereby the sections may be separated with respect to each other to increase the diameter of the flask and thereby accommodate expansion of the contained investment material.

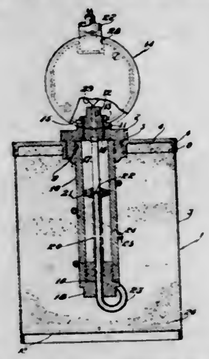
2,450,568
SHIRT HOLD-DOWN DEVICE
Frank R. Sinopoli, San Diego, Calif.
Application November 25, 1946, Serial No. 712,079
8 Claims. (Cl. 2—323)



1. The combination with overlapping portions of a shirt and trousers of a U-shaped hook member adapted to be placed intermediate the overlapping portions of said shirt, a button connecting said overlapping portions, said hook engageable with the thread connecting said button to the innermost overlapping portion of said shirt adjacent the upper edge of said trousers, a strap in connection with said hook member, a second hook member having a U-shaped offset portion in connection with said strap adapted to extend around the edge of the outermost overlapping portion of said shirt, a trouser button, said second-mentioned hook member provided with a hook portion integral with said U-shaped offset portion adapted to be positioned at the front side of the overlapping portions of said shirt and engage said trouser button at the inner side of said trousers substantially below the upper edge thereof.

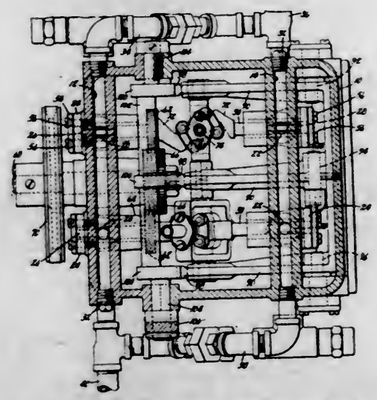
2,450,569
FIRE EXTINGUISHER
Norman J. Thompson, Newton, Mass., assignor to Factory Mutual Research Corporation, Boston, Mass., a corporation of Massachusetts
Application June 28, 1946, Serial No. 680,261
2 Claims. (Cl. 169—28)

1. A fire extinguisher comprising a frangible container, a fire-extinguishing agent within the container, an explosive resistant casing formed with an opening and disposed within the agent, a flexible explosive cord wound exteriorly about and supported by the casing and comprising an extension through the opening into said casing,



a detonator within the casing and contigous to said extension responsive to the passage of electric current for detonating the cord, the fragments of the detonator being retained within the casing on detonation.

2,450,570
VARIABLE DISPLACEMENT PUMP
Laurence E. Topham, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application October 2, 1943, Serial No. 504,755
3 Claims. (Cl. 103—38)



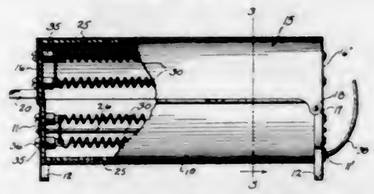
1. A pump comprising a pump cylinder, fluid passages extending from the side walls of the cylinder, a crank shaft, a piston carried at the end of the crank shaft and being positioned in the cylinder between the fluid passages, the piston having an open-ended chamber extending longitudinally of the pump cylinder and an elongated valve port extending through the side wall of the chamber, means for continuously rotating the crank shaft and piston, a crank on the crank shaft, means operable from the crank itself to effect reciprocation of the shaft and piston whereby the valve port is successively brought into alinement with the fluid passages during reciprocatory and rotary movements of the piston and means associated with the crank for varying the length of stroke of the piston.

members having their upper edges bevelled and in contact, longitudinally extending bevelled



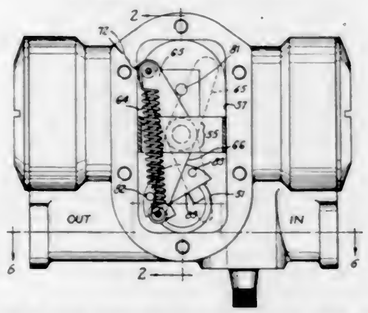
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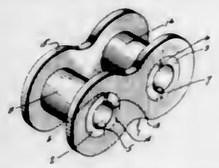
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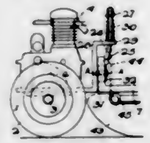
1. In a fluid operated motor of the type having a reciprocatable piston means, a rotatable valve means for controlling the operation of the piston means, a snap action toggle mechanism including spring-connected coaxially pivoted toggle arms operatively interconnecting said valve means and said piston for driving said valve means with alternate rotary motion upon reciprocation of said piston, one of the toggle arms acting against circumferentially spaced abutments on the rotary valve means to turn the latter, said one toggle arm and the valve being brought respectively to arrested zero moment arm positions solely by mutual contact.

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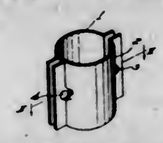
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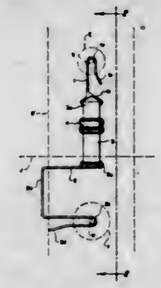
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Application November 19, 1946, Serial No. 710,935
2 Claims. (Cl. 22—97)



2. A flask for casting metal, comprising a hollow tubular body for holding investment material therein, formed of two or more sections joined loosely together in axial planes of said tubular body, the joined ends of said sections terminating in outwardly extending flanges and joining means extending through said flanges joining said sections loosely together whereby the sections may be separated with respect to each other to increase the diameter of the flask and thereby accommodate expansion of the contained investment material.

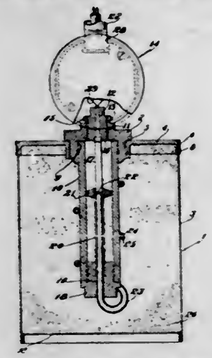
2,450,568
SHIRT HOLD-DOWN DEVICE
Frank R. Sinopoli, San Diego, Calif.
Application November 25, 1946, Serial No. 712,079
8 Claims. (Cl. 2—323)



1. The combination with overlapping portions of a shirt and trousers of a U-shaped hook member adapted to be placed intermediate the overlapping portions of said shirt, a button connecting said overlapping portions, said hook engageable with the thread connecting said button to the innermost overlapping portion of said shirt adjacent the upper edge of said trousers, a strap in connection with said hook member, a second hook member having a U-shaped offset portion in connection with said strap adapted to extend around the edge of the outermost overlapping portion of said shirt, a trouser button, said second-mentioned hook member provided with a hook portion integral with said U-shaped offset portion adapted to be positioned at the front side of the overlapping portions of said shirt and engage said trouser button at the inner side of said trousers substantially below the upper edge thereof.

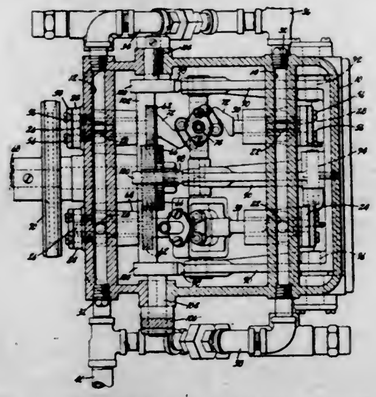
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2 Claims. (Cl. 169—28)

1. A fire extinguisher comprising a frangible container, a fire-extinguishing agent within the container, an explosive resistant casing formed with an opening and disposed within the agent, a flexible explosive cord wound exteriorly about and supported by the casing and comprising an extension through the opening into said casing,



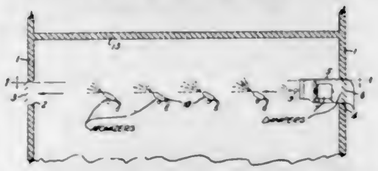
a detonator within the casing and contigous to said extension responsive to the passage of electric current for detonating the cord, the fragments of the detonator being retained within the casing on detonation.

2,450,570
VARIABLE DISPLACEMENT PUMP
Laurence E. Topham, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application October 2, 1943, Serial No. 504,755
3 Claims. (Cl. 103—38)



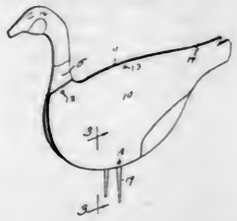
1. A pump comprising a pump cylinder, fluid passages extending from the side walls of the cylinder, a crank shaft, a piston carried at the end of the crank shaft and being positioned in the cylinder between the fluid passages, the piston having an open-ended chamber extending longitudinally of the pump cylinder and an elongated valve port extending through the side wall of the chamber, means for continuously rotating the crank shaft and piston, a crank on the crank shaft, means operable from the crank itself to effect reciprocation of the shaft and piston whereby the valve port is successively brought into alinement with the fluid passages during reciprocatory and rotary movements of the piston and means associated with the crank for varying the length of stroke of the piston.

2,450,571
DUCTLESS SYSTEM
Agnew H. Bahnson, Jr., Winston-Salem, N. C.
Application April 21, 1945, Serial No. 589,519
2 Claims. (Cl. 98—30)



1. A system for ventilating and humidifying the atmosphere in a closed space, said space having opposed vertical walls, means in one of said walls immediately above the working zone in said space for introducing a current of air in a horizontal direction toward the opposite wall, means in the opposite wall at the same level for discharging air from said space and means at said level intermediate said walls for atomizing water into said space.

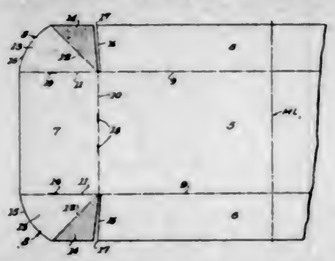
2,450,572
DECOY
Virgil Ballard, Caldwell, Idaho
Application March 5, 1946, Serial No. 652,067
1 Claim. (Cl. 43—3)



A decoy consisting of two flexible body members, united along the back thereof by means of rivets, one of said rivets passing through the neck portion of the decoy, a head having a neck attached to said neck supporting rivet, said head and neck being adapted to swing downwardly between the body members to a concealed position, legs pivoted to said body members on the adjacent sides thereof, adapted to be swung upwardly toward a concealed position when not in use, and a brace hinged on one leg member and adapted to be moved to a position against the other body member when the lower portion of said body members are in a spread position.

2,450,573
FOLDING BOX
Earl Barber, Los Angeles, Calif., assignor to Angelus Paper Box Company, Los Angeles, Calif., a corporation of California
Application May 13, 1946, Serial No. 669,395
5 Claims. (Cl. 229—41)

5. A blank for a foldable carton comprising a bottom, sides and ends integrally connected to the bottom along fold lines, a tab integrally connected to each side of each end, an oblique fold in each tab adapting the tabs to be double folded and dividing each tab in triangular portions, adhesive means on one triangular portion of each tab for connection to a related portion of the sides, and slits formed in the fold lines between the bottom and the ends and between the ends and the tabs thereon, the end outer corners of each side projecting in an angular direction toward



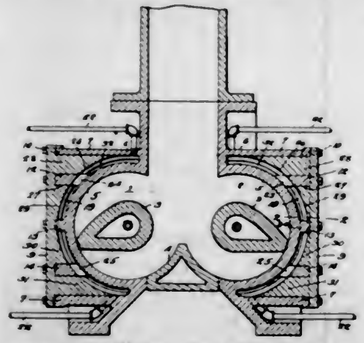
each end to extend beyond the fold line defining the end and bottom to normally extend into the slits to lock the carton in both folded and unfolded condition.

2,450,574
DRAFT OPERATED ANGLING MECHANISM FOR DISK HARROWS
John T. Bibb, San Luis Rey, Calif.
Application March 31, 1945, Serial No. 585,857
6 Claims. (Cl. 55—83)



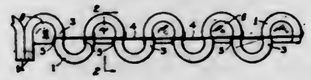
1. A harrow having front and rear harrow trucks connected together so that the angular relationship between the trucks may be varied, a tongue mounted for up and down swinging movement upon the front truck, a drawbar operatively connected to the tongue and means connecting the drawbar to the rear truck whereby on adjusting the vertical position of the tongue the angular relationship between the trucks may be varied.

2,450,575
MEANS FOR WORKING RUBBER
Stewart Bolling, Cleveland, Ohio
Application July 13, 1945, Serial No. 604,746
2 Claims. (Cl. 18—2)



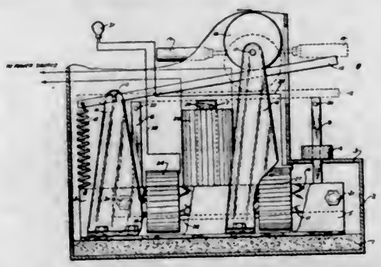
1. A machine of the class described including a working cylinder having an arcuate wall, a box like extension on and extending outwardly from said wall, the extension including parallel upper and lower walls and parallel side walls, said upper and lower walls and side walls having flush outer edges, spaced longitudinal ribs, defining longitudinal channels, on the cylinder wall disposed parallel to, and having their outer edges flush with the outer edges of, the upper and lower walls of the extension, there being a passage at one end of each rib providing communication between adjacent channels, each passage being oppositely disposed relative to the next adjacent passage, spaced arcuate fins on the cylinder wall extending transversely across each channel, a cover plate removably connected to the outer edges of the upper and lower walls and side walls of the extension, said plate having an arcuate inner surface spaced from, and concentric with, the cylinder wall, the plate having longitudinal slots wherein the longitudinal ribs are received, and transverse arcuate fins on the inner surface of the plate disposed alternately to the fins of the cylinder wall.

2,450,576
BELTING
Harry Brammer, Leeds, England
Application July 18, 1944, Serial No. 545,476
In Great Britain July 16, 1943
9 Claims. (Cl. 74—236)



1. Power transmission belting comprising a plurality of hollow semi-cylindrical portions of flexible sheet material arranged side by side with their axes parallel to form a strip, said portions presenting successions of convex surfaces of said semi-cylindrical portions on two opposite sides of said strip, alined openings in the end edges of said semi-cylindrical portions, and fastening means seated in said openings, said fastening means each comprising a rectilinear portion extending longitudinally of said strip through walls of at least two contiguous semi-cylindrical portions.

2,450,577
ELECTRICAL COIL TESTER
Anthony G. Brown, Lakewood, Ohio, assignor, by mesne assignments, to Jack & Heints Precision Industries, Inc., Cleveland, Ohio, a corporation of Delaware
Application March 22, 1944, Serial No. 527,530
1 Claim. (Cl. 175—183)



A coil tester comprising a laminated iron core having a central exciting leg and a pair of end legs forming a divided magnetic circuit, a stationary upright and a laminated armature pivoted thereto adjacent one of said end legs, spring means biasing said armature out of engagement with all of said legs manually operable cam means bearing upon said armature between said end legs for moving said armature into engagement with all of said legs to establish iron paths for said magnetic circuits, an exciting coil on said central leg for producing an alternating flux in said magnetic circuits, a pair of balance coils on said end legs connected in opposition, the cores of the coils being substantially in the form of a capital "E" whereby said armature is adapted to engage the cores of all three legs to close the magnetic circuit and a neon lamp connected in series with the coils which are connected in opposition with said balance coils, said balance coils being unbalanced only to such an extent that the difference in the voltages thereof is less than the ignition voltage of said lamp so that upon energization of said exciting coil ignition of said lamp is prevented in the absence of a short circuited turn in a coil to be tested and cause the ignition of said lamp when said test coil contains at least one short circuited turn.

2,450,578
PREPARATION OF AQUEOUS DISPERSIONS OF SYNTHETIC RUBBERS
Charles F. Brown, Bethany, W. Va., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application January 29, 1947, Serial No. 725,171
20 Claims. (Cl. 260—23.7)

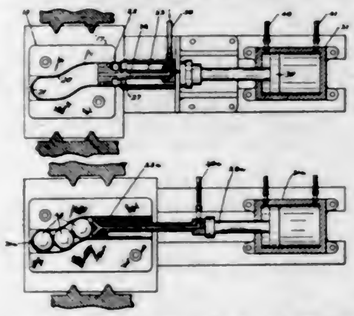
1. The method of preparing an aqueous dispersion of synthetic rubber selected from the group consisting of polymers of butadienes-1,3 selected from the group consisting of butadiene-1,3, methyl-2-butadiene-1,3, chloro-2-butadiene-1,3, piperylene, and 2,3-dimethyl-butadiene-1,3, and copolymers of such butadienes-1,3 with up to 70% by weight of the copolymer of compounds which contain a single $CH_2{=}C<$ group and are copolymerizable therewith, which comprises mixing with such synthetic rubber a heat-reaction product, at a temperature in the range of between about 180° C. and 300° C., of a mix containing rosin, an alkanolamine, an alkylene glycol and a dimerized acid of a vegetable drying oil, and also a hydrophilic colloidal dispersing agent selected from the group consisting of soaps, proteins, solubilized casein and colloidal clay, and adding water until an inversion of phase takes place.

2,450,579
PREPARATION OF AQUEOUS DISPERSIONS OF SYNTHETIC RUBBERS
Charles F. Brown, Bethany, W. Va., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application January 29, 1947, Serial No. 725,172
16 Claims. (Cl. 260—23.5)

1. The method of preparing an aqueous dispersion of synthetic resin selected from the group consisting of polyisobutylene, and copolymers of isobutylene with up to 15% by weight of the copolymer of a conjugated diene selected from the group consisting of butadiene-1,3 and isoprene, which comprises mixing with such synthetic resin a heat-reaction product, at a temperature in the range of between about 180° C. and 300° C., of a mix containing rosin, an alkanolamine, an alkylene glycol and a dimerized acid of a vegetable drying oil, and also mixing with the synthetic resin a hydrophilic colloidal dispersing agent selected from the group consisting of soaps, pro-

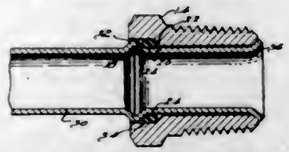
teins, solubilized casein and colloidal clay, and adding water until an inversion of phase takes place.

2,450,580
TUBE BENDER
John E. Conzelman, Jr., San Diego, Calif., assignor to Solar Aircraft Company, San Diego, Calif., a corporation of California
Application March 24, 1945, Serial No. 584,507
2 Claims. (Cl. 153—48)



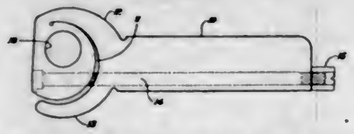
1. Apparatus for bending a tubular member having a closed end, said apparatus comprising: a die defining a tubular hole of the desired configuration into which the closed end of said member is insertable; piston means adapted to seal within said member in sliding relation therewith; means for supporting said piston in stationary relation within the entrance of said hole in said die; means for applying fluid under pressure from an external source within said tubular member between the closed end thereof and said piston means, whereby said fluid under pressure develops a force against the closed end of said member urging the member longitudinally into the hole of said die while simultaneously urging the sidewall of the tubular member against the die; means for advancing said piston means into said die with said tubular member; and means insertable in said tube for transmitting longitudinal force mechanically from said piston means to the closed end of said member.

2,450,581
SWIVEL CONNECTION
Norman M. Couty, Detroit, Mich., assignor, by mesne assignments, to The Flex-O-Tube Company, Chicago, Ill., a corporation of Illinois
Application March 28, 1945, Serial No. 585,215
3 Claims. (Cl. 285—97.5)



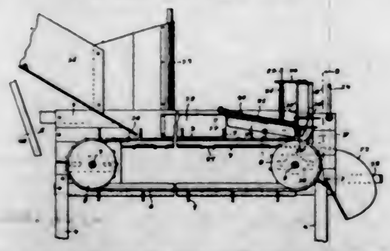
1. A swivel coupling of the character described comprising a pair of swivelly related concentric tubular members the inner of said tubular members being formed from tubular stock and having the wall thereof spaced from its end deformed into an annular radially outwardly projecting rib, the outer of said tubular members being formed with a counterbore the inner end of which is formed with a wall surface converging toward the inner of the tubular members, the counterbore being of a depth to overlap the rib and afford a substantially enclosed chamber between the rib and said inner converging wall of the counterbore, said rib being formed at its inner side to converge with respect to the wall of the counterbore, and a sealing gasket of smaller cross-sectional area than the chamber within said counterbore and permitting relatively easing swivelling of the members, said gasket being of resilient pliability and deflectable by opposite axial pressure differentials to move into wedging relationship with the respective converging surfaces at the ends of the chamber.

2,450,582
SPRING TYPE TOOLHOLDER
Lyof Martin Coyle, Babakin, Western Australia, Australia
Application April 20, 1945, Serial No. 589,351
In Australia December 10, 1943
Section 1, Public Law 690, August 8, 1946.
Patent expires December 10, 1963
4 Claims. (Cl. 29—97.5)



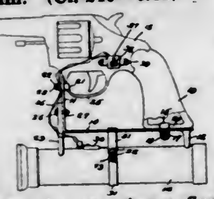
1. A tool holder of the spring type comprising in combination a head portion formed therewith and having an opening therein, said holder having a curved slot formed therein that commences near the forward end of said head portion and extending in substantially a semi-circular form to above and forward of the opening formed therein whereby said head portion will be resiliently connected to said holder, a mounting extending through the opening within said head portion and frictionally held to the latter, a cheek for holding the cutting tool forming a part of said mounting and extended so as to engage against a fixed part of said holder as well as said resiliently connected head portion and means for holding the cutting tool in said frictionally held mounting.

2,450,583
SEED POTATO CUTTER, INCLUDING AN ENDLESS CONVEYER FEEDING TO A STATIONARY CUTTER
Alva H. Crozier, Cheyenne, Wyo.
Application February 14, 1946, Serial No. 647,452
2 Claims. (Cl. 146—163)



1. A seed potato cutter comprising the combination of a supporting structure, a horizontally arranged trough on said structure and having a discharge end, an endless conveyor on said structure and having a flight operating in said trough and provided with a plurality of split pusher elements, a hopper for feeding potatoes onto the conveyor for engagement by said split pusher elements, a control gate carried by said hopper, flexible guide plates secured to the supporting structure within the trough, spring means between the guide plates and the supporting structure for yieldably converging the ends of the guide plates toward each other and adjacent the endless conveyor for directing potatoes from the hopper onto the conveyor, a cutting mechanism, means carried by the supporting structure for maintaining said cutting mechanism above and adjacent the endless conveyor and adjacent the discharge end of the trough and within the latter whereby potatoes carried by said conveyor are forced by the split pusher elements through said cutting mechanism for severing the potatoes into a plurality of parts, said cutting mechanism including a plurality of vertically and horizontally arranged and relatively spaced blades having cutting edges facing the potatoes moved by the conveyor, said vertically arranged blade being straddled by said split pusher elements as the same move past said blade, and means above the endless conveyor for guiding the potatoes carried by the conveyor into engagement with the cutting edges of the blades.

2,450,584
FLASHLIGHT ATTACHMENT FOR SMALL ARMS
Lysander H. Dodge, Huntington Beach, Calif.
Application April 16, 1947, Serial No. 741,764
1 Claim. (Cl. 240—6.41)



In an attachment for securing a flashlight to a gun, an L-shaped frame having an upwardly extended forward end, a clamp for securing the upwardly extended forward end to the trigger guard of the gun and the other end of the frame being secured to the stock of the gun, a separable band secured to the L-shaped frame intermediate the ends of the frame, said band being secured to the flashlight, a forward supporting member adjustably mounted on said upwardly extended end of the frame, said forward member having an arcuate shaped edge engaging the curved edge of the flashlight, a supporting member at the rear end of the frame engaging the flashlight, said supporting members holding the flashlight against lateral movement when the gun is aimed, a switch on said gun, and electrical connections between said switch and the flashlight whereby the flashlight may be operated illuminating the target at which the gun is pointed.

2,450,585
SULFONATION PROCESS
Edmond L. d'Ouville, Chicago, Ill., and Donald E. Burney, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application May 27, 1943, Serial No. 488,702
4 Claims. (Cl. 260—505)

1. The process of sulfonating a mixture of alkyl aromatic hydrocarbons which yields both preferentially water-soluble and preferentially oil-soluble alkyl aromatic sulfonic acids upon nonselective sulfonation, which comprises contacting said mixture with at least 20 volume percent, based on said mixture, of sulfuric acid having an initial strength between about 88 and about 98 weight percent of sulfuric acid at a temperature between about 50° F. and about 150° F. for a period of at least one hour to effect substantial preferential sulfonation of alkyl aromatic hydrocarbons whose sulfonic acids are preferentially water-soluble, separating preferentially water-soluble alkyl aromatic sulfonic acids from the sulfonation reaction mixture, separating residual alkyl aromatic hydrocarbons from the sulfonation reaction mixture, and sulfonating said residual alkyl aromatic hydrocarbons with fuming sulfuric acid to produce preferentially oil-soluble alkyl aromatic sulfonic acids.

2,450,586
PROCESS FOR SACCHARIFYING PLANT MATERIALS
John W. Dunning and Elbert C. Lathrop, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application October 31, 1944, Serial No. 561,248
7 Claims. (Cl. 127—37)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a process for the saccharification of plant material, the steps which include the progressive degradation of its cellulosic content in a plurality of successive stages which comprise treating said material with 1 to 6 percent sulfuric acid at a temperature of from 100° to 121° C. whereby pentosans are converted to pentoses and furfural and the cellulose is mildly degraded, drying the residue containing entrained sulfuric acid free of pentoses to further degrade the cellulose molecules, mixing the dried residue with 0.15 to 0.55 part of about 80 to 87 percent sulfuric acid at a temperature below substantially 40° C. whereby a free-flowing powder is obtained which upon hydrolysis will yield about 60 percent dextrose, subjecting said powder to mechanical mastication so as to develop continuously-changing directional pressures above substantially 100 pounds per square inch for a period not in excess of 10 minutes and at a temperature not in excess of substantially 45° C. to convert it into a stiff plastic mass whereby the molecules are still further degraded, said mastication being arrested at a point just short of the formation of substantial amounts of dextrose.

2,450,587
POULTRY BIT
Theodore M. Elgersma, Fresno, Calif., assignor of one-half to Alta May Elgersma, Fresno, Calif.
Application April 18, 1945, Serial No. 588,901
1 Claim. (Cl. 119—97)

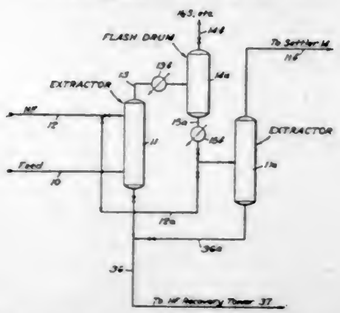
A bit for poultry comprising a wire member having substantially the form of a hollow square



including a bottom bar, side bars and a top bar, said bottom bar being adapted for insertion trans-

versely under the upper beak of the poultry and with the top bar extending transversely above the beak, inwardly projecting tongues on the side bars adapted to enter the nostrils of the beak, and an eye formed at the upper end of one of said side bars adapted for receiving one end of the top bar, said end of the top bar being bendable alongside said eye to prevent retraction of the top bar from the eye.

2,450,588
DESULFURIZATION OF OILS
Bernard L. Evering, Chicago, Ill., Arthur P. Lien, Hammond, Ind., and James M. Page, Jr., Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application May 19, 1945, Serial No. 594,610
4 Claims. (Cl. 196—31)



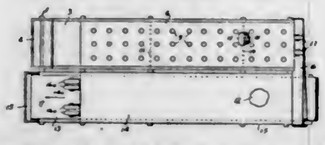
1. The method of selectively desulfurizing a non-viscous aromatic-containing hydrocarbon oil comprising contacting said oil with a solvent consisting of liquid anhydrous hydrogen fluoride at a temperature within the range of about 300° F. to about 400° F., flashing off any hydrocarbon gases and hydrogen sulfide resulting from the conversion of sulfur compounds in said oil, cooling the flashed mixture of hydrocarbons and hydrogen fluoride to a temperature of from about 0° F. to about 212° F., contacting the cooled mixture with additional liquid anhydrous hydrogen fluoride while maintaining a pressure sufficient to maintain the solvent and hydrocarbon oil in the liquid phase, permitting the mixture of said oil and liquid hydrogen fluoride to stratify into an aromatic-containing raffinate phase substantially free of sulfur and a sulfur-containing extract phase, separating said phases and removing the hydrogen fluoride from said phases.

2,450,589
TOP-STIFFENING TIE BAR FOR OPEN-TOP TRUCKS
Joseph M. Falk and Charles T. Falk, Kansas City, Mo.
Application May 28, 1945, Serial No. 596,134
2 Claims. (Cl. 296—40)



1. The combination in an open-top truck, of an opposite pair of upright posts at the sides of the truck, provided at their inner sides with upwardly-facing shoulders, and an arch resting on said shoulders and abutting endwise against said posts, the arch at each end having a longitudinal channel in its under side, and provided in the side walls of the channel with opposite inverted arcuate slots, a lever having a head within and pivoted to the side walls of the channel axially of the opposite slots, a U-shaped clip fitting around the outer edge and the sides of the respective post and longitudinally of and against the opposite sides of the arch, and a cross-pin extending through said clip, said slots and through the head of the lever eccentrically of the pivotal point thereof; said lever being adapted to be swung from a pendent position upward until wholly with said channel, and in such movement cause the cross-pin to move in said slots and pull the clip inward to clamp the post and arch firmly together and said cross-pin to attain a position in said slots past center as respects the pivotal point of said lever.

2,450,590
FRUIT DRIER
Frank C. Gullo, Cupertino, Calif.
Application February 18, 1946, Serial No. 648,214
1 Claim. (Cl. 34—66)



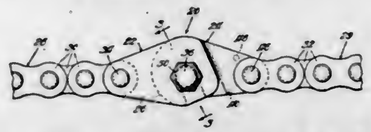
A machine for drying fruit comprising, a pair of side by side parallel tunnels, one tunnel having a bottom wall, a vertically adjustable top wall, a battery of infra-red lamps depending from said top wall and having a conveyor in its bottom to carry fruit therethrough, the other being a cooling tunnel having top, side and bottom walls with a conveyor on its bottom wall to carry fruit in the opposite direction to the movement of the fruit in the first tunnel, blowers arranged at the discharge end of each tunnel to blow air therethrough in the direction opposite to the movement of the fruit, and means operative to transfer the fruit from the discharge end of the first tunnel to the receiving end of the second tunnel, said means comprising a transversely arranged belt disposed below the level of one belt and overlying the other belt and gradually assuming a laterally inclined position as it passes from one belt to the other.

2,450,591
DENTAL IMPRESSION ACCESSORY
Roy E. Hawkinson, Bloomfield Hills, Mich.
Application May 29, 1946, Serial No. 672,971
7 Claims. (Cl. 32—63)



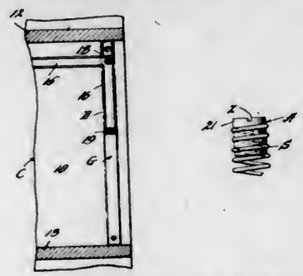
1. A dental matrix comprising a relatively thin plate adapted to be formed to the contour of a tooth or any portion thereof, an upstanding rib rigidly secured thereto, a transversely extending head portion at the upper end of said rib, said rib mounted at an angle of less than 90° to the plane of said plate whereby to prevent said head from contacting the gum portion surrounding said tooth.

2,450,592
STAMPED CHAIN CONNECTOR
Robert J. Howison, Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y., a corporation of New York
Application November 30, 1942, Serial No. 467,314
4 Claims. (Cl. 74—258)



1. A laminated connector comprising yoke and hook mating parts each formed of a plurality of blanks, means releasably retaining said yoke and hook parts together, means substantially eliminating articulation between said yoke and hook parts, said means comprising a bar through the laminations on said hook part and retained in said position, and bar engaging recesses in the laminations of said yoke, the arrangement being such that the bar engages said recesses when the yoke and hook means are together, the yoke and hook means having means attaching each of them to devices to be connected.

2,450,593
DISAPPEARING DOOR STRUCTURE
William T. Hormes, Catonsville, Md.
Application August 25, 1944, Serial No. 551,168
4 Claims. (Cl. 20—19)

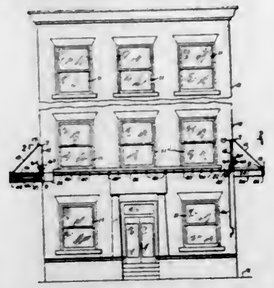


1. In a door structure for a cabinet having an open front, a door for covering said front, guide tracks supported one at each side of said cabinet, spaced upper and lower guide members projecting laterally from each of the side edges of said door and normally engaging the guide tracks, a fixed abutment adjacent to each guide track, a helical counterbalancing spring located one on each side of said open front, the lower end of each spring resting upon its respective fixed abutment with the upper end of each spring located in the path of movement of a laterally projecting guide member as the door is moved to closed position so that when contacted by the lower guide members as the door is moved to closed position the weight of the door will compress the springs, and a body at said upper end of each spring, means whereby said bodies may be adjusted axially with respect to said springs, said bodies adapted to be engaged by the lower laterally projecting guide members for varying the extent of reactive compressibility of the springs for counter-balancing purposes, so that any inherent difference in the counterbalancing resiliency of the respective springs may be equalized.

2,450,594
ORGANO-SILOXANES AND METHODS OF PREPARING THEM
James Franklin Hyde, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application January 15, 1944, Serial No. 518,371
2 Claims. (Cl. 260—46.5)

1. A copolymeric organo-siloxane comprising organo-silicon units which correspond to the formulae $CH_3SiO_{3/2}$ and $RSiO_{3/2}$ respectively, where R is an alkyl radical having from twelve to eighteen carbon atoms, said units being joined together by the oxygen atoms of said units.

2,450,595
FIRE NET FOR BUILDINGS
Alex Jones, Lyman, S. C.
Application April 21, 1947, Serial No. 742,893
7 Claims. (Cl. 227—45)

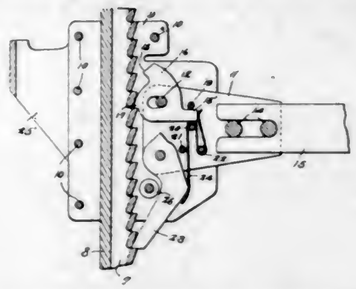


1. A fire escape apparatus for a building comprising an outwardly projecting beam adjacent each corner of the building, a pair of spaced supporting means extending from one beam to the other, a housing adjacent one beam, a net slidably mounted at spaced intervals along its side edges on said supporting means and said net being adapted to be moved backwardly into folds within the housing, one end of the net being secured to the beam adjacent the housing, a pair of cables having one end secured to the free end of the net, a motor driven shaft associated with the beam remote from the housing, an electric motor for driving said shaft, said shaft having a pair of drums thereon to which the other ends of said cables attached to the free end of the net are attached, whereby when the motor is energized the cables will be wound around the drums to withdraw the net from the housing and extend it along the two spaced supports and into which net persons occupying floors above the net may jump.

2,450,596
REVERSIBLE RACK AND PAWL JACK
Achille Kais, Detroit, Mich.
Application July 13, 1944, Serial No. 544,677
1 Claim. (Cl. 254—111)

A lifting jack comprising a rack bar, a housing mounted for movement longitudinally of the rack bar, an operating head pivotally mounted within the housing, a pivot pin on which the operating head is mounted, said pivot pin being disposed eccentrically of the rocking head, a sliding pawl mounted on the head and having an elongated opening in which said pivot pin is located, said sliding pawl having a tail piece, spaced pins on the rocking head between which the tail piece moves and is held against pivotal movement, a

lifting pawl mounted on the rocking head and adapted to engage the teeth of the rack bar lifting the housing upon downward pivotal movement of



the rocking head, means for urging the pawls towards the rack bar, and a lever for rocking the operating head, whereby said pawls are alternately operated.

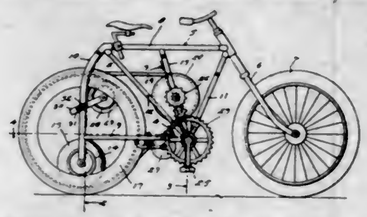
2,450,597
EARTHWORM DISGORGING DEVICE
John B. Karnowski, Detroit, Mich.
Application January 12, 1944, Serial No. 517,971
13 Claims. (Cl. 47—1.3)



1. The combination with an electrode, of an insulating element encompassing a portion of said electrode, a movable casing extending over the uninsulated portion of said electrode and movable over said insulating element to expose the uninsulated portion of said electrode, and a spring surrounding said electrode and disposed between said element and casing for urging said casing over the uninsulated portion of said electrode.

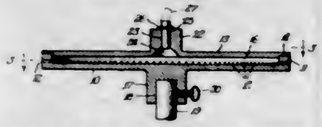
2,450,598
BICYCLE
Cornelius W. Kerr, Panama City, Fla.
Application December 20, 1944, Serial No. 569,060
2 Claims. (Cl. 280—261)

1. A drive mechanism for bicycles comprising a wheel having a circumferential external groove, a manually operated propulsion unit including a belt disposed over the wheel and in the groove, said wheel having a circumferential inner groove upper and lower wheels engaging the inner groove of the wheel to prevent displacement of



the latter, a frame for supporting the wheels and the propulsion means.

2,450,599
SPRAYER FOR DEHYDRATING APPARATUS
Stella A. Kloda, Chicago, Ill.
Application June 30, 1945, Serial No. 602,524
1 Claim. (Cl. 299—63)

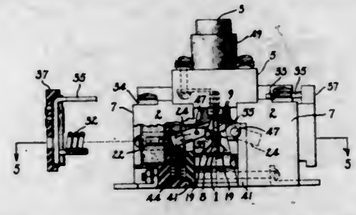


An apparatus for dehydrating liquids, comprising a tray having an annular upstanding flange with circumferentially disposed openings therethrough and integrally formed on the outer periphery of said tray, a closure for said tray seated upon said flange and cooperating with the tray to form a chamber in open communication with the openings in said flange, a shoulder on the periphery of the closure abutting the inside of said flange, means to detachably affix the closure to said flange, an upstanding projection formed integral with said closure having an annular central opening therein, said opening terminating in an inverted cone in open communication with the chamber, a pipe slidably inserted into the annular central opening in the upstanding projection, a collar formed on said annular pipe adapted to rest on the upstanding projection, said pipe terminating substantially at the base of the inverted cone and being adapted to remain stationary while the cover rotates and to be removably inserted into the annular central opening of the upstanding projection, and means to rotate the tray and cover independently from the pipe and collar for discharging liquid from the tray by centrifugal force.

2,450,600
OVERLOAD PROTECTIVE DEVICE
Clarence W. Kuhn, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application May 9, 1945, Serial No. 592,846
6 Claims. (Cl. 200—124)

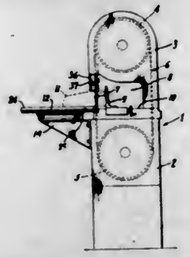
6. In a circuit controller, in combination, a pivoted contact blade biased to rotate in one direction toward a given extreme position, a stationary contact having spreadable spring contact parts for yieldingly engaging said blade on opposite sides upon biased movement thereof into said extreme position, said spring contact parts having stationary stops associated therewith for limiting to a very narrow range play thereof under shock when said blade is disposed therebetween, and an overload device associated with said blade and responsive to effect movement thereof out of

engagement with said spring contact fingers, said overload device being operatively connected to said blade through the medium of a pivoted op-



erating lever, and said blade and said operating lever being balanced upon their associated pivots to render the same non-rotative under the action of shock transmitted thereto through said pivots.

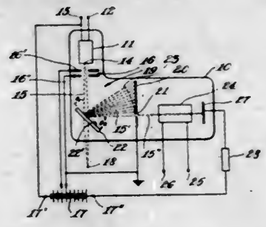
2,450,601
RECIPROCATING CARRIAGE FOR ENDLESS BAND MEAT CUTTING MACHINES
William Lasar, Los Angeles, Calif.
Application February 24, 1945, Serial No. 579,618
1 Claim. (Cl. 146—88)



In a meat cutting machine, a cutter supported in a relatively fixed position, a table support formed from a single piece of rectangular sheet metal and having its opposite sides turned upwardly and downwardly to form two parallel rounded track surfaces, a movable table having wheels on the lower surface thereof adapted to ride on said track, and a pan formed from said sheet metal table by turning up the other two edges of said table support, at least one of the ends of said last two edges being shortened to provide an outlet at the shortened portion.

2,450,602
THERMIONIC DISCHARGE TUBE WITH ELECTRONIC VELOCITY FILTER
Andres Levialdi, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application August 17, 1944, Serial No. 549,889
11 Claims. (Cl. 315—19)

1. A thermionic discharge tube comprising an evacuated envelope containing means for generating a beam of electrons, electrode means for accelerating and directing said electron beam to a diffraction element having a substantially regular lattice structure to produce a diffracted beam of electrons dispersed in accordance with the respective velocities thereof, a diaphragm provided with an aperture and located in the path of the diffracted electron beam to produce an emergent beam of substantially monokinetic electrons the velocity of which is determined by the glancing angles of the incident beam and said monokinetic electrons with respect to the diffracting surface of said diffraction element, said accelerating electrode and said apertured diaphragm being electrically interconnected to form a substantially equipotential space including said diffraction ele-



ment, means to vary the initial velocity of said accelerated electron beam to vary the velocity of said emergent monokinetic electron beam, and a target electrode to collect the said monokinetic electron beam.

2,450,603
METHOD OF DETERMINING A SLUDGE INDEX FOR ENGINE OILS
Edmond P. Lomasney, Bayside, Long Island, N. Y., assignor, by mesne assignments, to Ralph L. Faber, Los Angeles, Calif.
No Drawing. Application February 3, 1945, Serial No. 576,159
4 Claims. (Cl. 73—64)

3. The method of determining detergency and/or a sludge index for oils which includes diluting a test sample of the oil with a solvent such as naphtha and centrifuging, and thereafter adding to the diluted sample water and aniline and again centrifuging and noting the amount of precipitate effected.

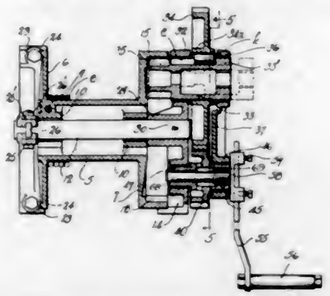
2,450,604
TREATMENT OF LIQUID YEAST PRODUCTS
Ben Maizel, Chicago, Ill., assignor to Vico Products Company, Chicago, Ill.
No Drawing. Application September 20, 1945, Serial No. 617,667
10 Claims. (Cl. 99—97)

10. In a method of removing undesired flavoring constituents from plasmolyzed yeast products in the liquid state, derived from brewer's yeast, the steps which comprise agitating said liquid yeast products with a normally solid higher molecular weight fatty acid partial ester of an aliphatic polyhydroxy substance, said agitation being effected at a temperature sufficiently elevated so that said ester is in a molten state, then allowing the mass to stand substantially quiescent while cooling, and then, after said ester has solidified, removing said ester with such undesired flavoring constituents as it has absorbed from the liquid yeast products.

2,450,605
HOIST
Sidney S. McIntyre, Sedro-Woolley, Wash.
Application November 8, 1943, Serial No. 509,367
5 Claims. (Cl. 254—187)

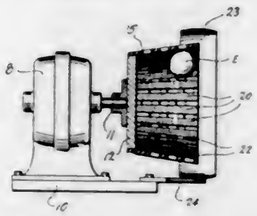
1. A hoist of the character described comprising, a main frame structure including opposite end pedestals and a cross shaft mounted thereby, a cable winding drum revoluble on the cross shaft having an end flange and a driving gear on said flange coaxial of the shaft, an extension frame

member removably fixed to the end pedestal that is adjacent said driving gear and spaced outwardly therefrom, a second gear wheel located between said extension frame member and its supporting pedestal, having hub portions at its opposite sides revolubly mounted in the pedestal and extension frame, a gear pinion integral with the hub portion of the said second gear wheel in driving mesh with the first mentioned gear wheel, a plurality of pinion gears of different diameter



located between the extension frame and its supporting pedestal, and having hub portions at opposite sides revoluble in bearings in the extension frame and supporting pedestal; said pinion gears being in driving mesh with the said second gear wheel and said second gear wheel and said plurality of pinion gears each having hub portions exposed through the bearings in the extension frame and a hand crank selectively applicable to any of said portions for the transmission of power to the cable drum.

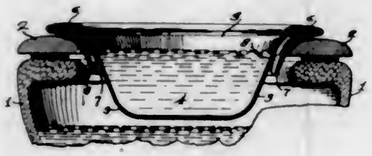
2,450,606
EGG CLEANER
Edward T. Molitor, Seattle, Wash.
Application July 23, 1945, Serial No. 606,512
2 Claims. (Cl. 51—73)



1. An egg cleaner comprising a hollow frustroconical body of resilient flexible material, open at its larger end and having a wall closing its smaller end, a motor having its driving shaft fixed to the said closing wall coaxially of the body and pieces of abrasive material applied to the inside surface of said body and there being openings through the body wall not covered by said pieces of material.

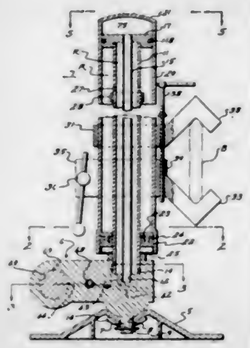
2,450,607
SITZ BATH
Sheffield F. Oliver, Auburn, Calif.
Application February 11, 1946, Serial No. 646,915
3 Claims. (Cl. 4—6)

1. A sitz bath comprising a basin arranged to sit within an opening in a toilet seat; and a ring having an annular depending flange arranged to be seated within said opening and having spaced means for supporting said basin with the rim



thereof in annular spaced relation with said flange.

2,450,608
HYDRAULIC BUMPER JACK
Herbert E. Page, Alhambra, Calif.
Application December 5, 1944, Serial No. 566,664
4 Claims. (Cl. 254—93)

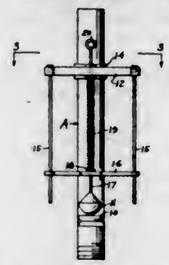


1. In a hydraulic bumper jack, a body carrying an upright cylinder, a piston secured to the top end portion of said cylinder, an outer cylinder slidably mounted on the first-named cylinder for axial movement relative thereto and forming with the first-named cylinder a fluid reservoir, the outer cylinder having an end wall defining with the piston a pressure chamber, pressure-generating means in the body, valve-controlled means providing communication between the reservoir and pressure-generating means, second valve-controlled means providing communication between the pressure-generating means and the pressure chamber, third valve-controlled means for releasing fluid from the pressure chamber to the reservoir, and bumper-engaging means slidably adjustably mounted on the outer cylinder.

2,450,609
SPRING TYPE GUIDE FOR COMMODE TANKS
Louis E. Phelps, Shreveport, La.
Application September 13, 1945, Serial No. 616,009
2 Claims. (Cl. 4—57)

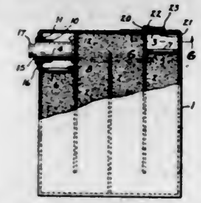
1. A guide of the kind described, comprising a head, a clamping bracket fastening the head to an overflow pipe within a flush tank, guide rods depending from the head, a saddle piece slidable on the rods, a flush valve having a stem slidable

through the head and adjustably connected to the saddle piece for directing the valve to its seat,



and a tensioning spring interposed between the head and saddle piece for action on the latter.

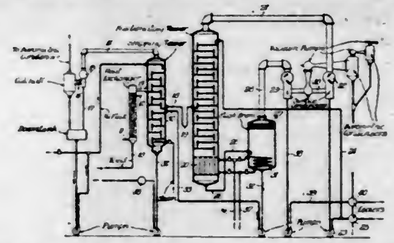
2,450,610
AIR FILTER
Edwin G. Pierce, Cleveland, Ohio
Application January 8, 1944, Serial No. 517,491
1 Claim. (Cl. 128—147)



Apparatus of the class described comprising a rectangularly-shaped canister having an inlet port adjacent one end thereof and an opening adjacent the other end, a plurality of baffles arranged in staggered relation to provide a circuitous channel for receiving an air-purifying material and with one of said baffles being arranged to form a wall opposite said opening, a tubular mouthpiece mounted in said opening to form a close sliding fit, the inner end of which mouthpiece engages said wall to seal its inner orifice when the mouthpiece is forced inwardly into engagement with said wall, means for maintaining said air-purifying material in spaced relation to said mouthpiece and said mouthpiece being of sufficient length to extend through said opening with its outer end arranged in proximity to the outer surface of said canister and being movable outwardly from said wall to provide an outlet passage therethrough for the purified air from said canister.

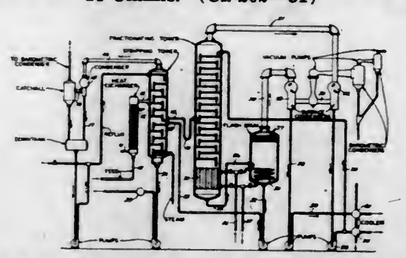
2,450,611
DISTILLATION APPARATUS FOR TREATING FATTY ACID CONTAINING STOCK
Ralph H. Potts, La Grange, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
Continuation of application Serial No. 424,434, December 26, 1941, which is a division of application Serial No. 298,722, October 9, 1939. This application February 10, 1945, Serial No. 577,246
11 Claims. (Cl. 202—154)

1. In apparatus of the class set forth, a tube heater through which fresh charging stock may be passed, a stripping and fractionating tower, means for passing the stock from said tube heater into said tower, a second fractionating tower, a flash drum, means for returning bottoms from said flash drum to an intermediate portion of said first tower, means for introducing steam into said first tower, communicating pipes between said first and second tower permitting stock to



flow by pressure difference from said first tower into said second tower, and communicating pipes between said second tower and said flash drum permitting stock to flow from said second tower into said flash drum by pressure difference.

2,450,612
DISTILLATION OF FATTY ACID STOCK BY FRACTIONATION AND FLASH STEPS
Ralph H. Potts, La Grange, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
Application December 16, 1941, Serial No. 424,434, which is a division of application Serial No. 298,722, October 9, 1939. Divided and this application February 10, 1945, Serial No. 577,247
13 Claims. (Cl. 202—51)

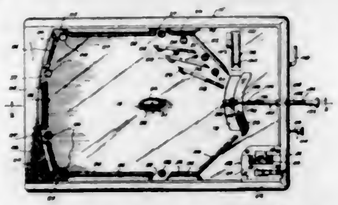


4. A method of obtaining fatty acids of improved color and odor from fatty acid stock containing unwanted components having higher and lower boiling temperature ranges than said fatty acids by two successive stages of treatment, comprising continuously fractionating the fatty acid stock with the application of heat and under reduced pressure to remove the lowest of the lower boiling components, and thereafter continuously distilling the fatty acids from which said lowest boiling components have been removed so as to vaporize the fatty acids at a temperature lower than that to which fatty acids were heated during the fractionation, to remove the fatty acids from the higher boiling components.

2,450,613
MECHANICAL POOL TABLE
Felix Radinsky, Olympia, Wash.
Application July 19, 1944, Serial No. 545,583
2 Claims. (Cl. 273—11)

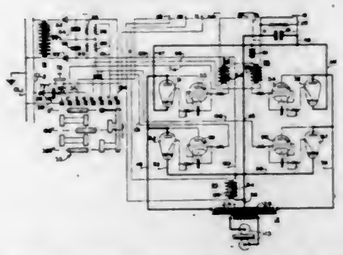
1. In a mechanical pool table, the combination of a bed inclined from the horizontal, an arcuate gate arranged at the lower end of the bed for passing balls therethrough, means arranged within said gate for supporting a ball thereon in a ball impelling position, pivotally mounted

elevating means for moving a ball from a position beneath the bed to a position from which it will be conveyed by gravity from the elevating means directly onto said supporting means, means for yieldably urging said supporting means into a position for preventing a ball from



rolling thereupon from the bed, means for moving said supporting means along said arcuate gate thereby to spot the ball on the bed, and a ball impelling means movable independently of the ball supporting means behind the ball in the spotted position thereof and aimed in an intended line of travel of the ball.

2,450,614
WELDING SYSTEM
Robert L. Ringer, Jr., Warren, and Clyde E. Smith, Port Homer, Ohio, assignors to The Taylor-Winfield Corporation, Warren, Ohio, a corporation of Ohio
Application December 4, 1942, Serial No. 467,854
22 Claims. (Cl. 219—4)

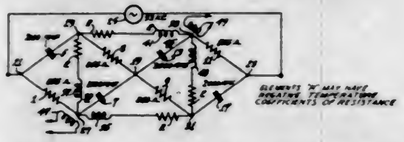


1. An electrical system comprising a capacitor, means comprising a controllable rectifier to charge said capacitor, an inductive load circuit, means to discharge said capacitor through said circuit, means operative upon actuation of said means to discharge to control said rectifier in such manner that the output thereof is interrupted, and means operative in response to the reversal of polarity in said circuit to re-establish conduction in said rectifier.

2,450,615
METHOD OF REDUCING SCALD DEVELOPMENT ON FRUIT
Harold A. Schomer, Cedar Lane, Md., assignor to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application July 19, 1946, Serial No. 684,913
11 Claims. (Cl. 99—156)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

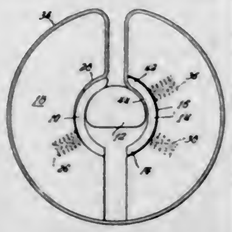
1. The method of reducing the development of scald on fruit during cold storage comprising maintaining the fruit in contact with a plant hormone during the storage period.

2,450,616
ELECTRICAL NETWORKS FOR PHASE SHIFTERS
Stuart W. Seeley, Roslyn Heights, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application August 5, 1944, Serial No. 548,183
8 Claims. (Cl. 172—238)



1. An electrical network for converting a single phase current to a quadrature phase current consisting of four resistive elements and four reactive elements of similar sign, said elements being connected in a symmetrical arrangement to form two Wheatstone bridges in which the reactive elements are in opposite arms, a series connection between said Wheatstone bridges whereby said single phase current may be applied to the input arms of said bridges in series, and four terminals connected to the output arms of said bridges for deriving therefrom said quadrature phase currents.

2,450,617
BUFFING DRUM
Joseph Leigh Smith, Glen Ellyn, Ill.
Application January 25, 1946, Serial No. 643,300
10 Claims. (Cl. 51—194)

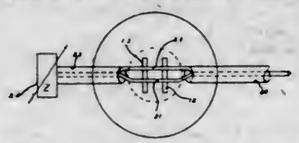


1. A buffing drum comprising a cylinder, an arbor mounted axially on one side of said cylinder, a transverse passageway diametrically through said cylinder, a cylindrical chamber axially positioned in said cylinder, a pair of shoes each in the shape of a cylindrical segment and one positioned adjacent the chamber wall on one side of the passageway and the other positioned adjacent the chamber wall on the other side of the passageway, and a semi-cylindrical locking element axially positioned in the chamber and having its outer surface engageable with the inner surface of the shoes.

2,450,618
INDICATING DEVICE
Louis D. Smullin, Arlington, and Jerome B. Wiesner, Boston, Mass., assignors, by mesne assignments, to the United States of America
Application May 18, 1944, Serial No. 536,212
2 Claims. (Cl. 250—158)

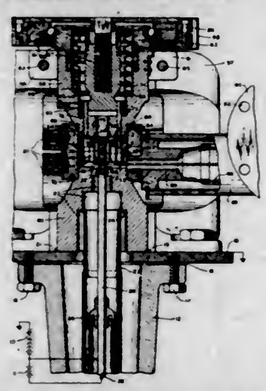
1. A cathode ray tube having an electron gun, a pair of deflecting plates adapted to have a periodic sweep voltage applied thereto and a fluorescent screen, said tube also including means impressing a beam deflecting force perpendicular

to the beam deflecting force of said plates, said means comprising an open two-wire transmission line disposed within said cathode ray tube, said



line lying in a plane normal to the tube axis and adapted to have flowing therein high frequency currents.

2,450,619
TUNABLE MAGNETRON
Simon Sonkin, New York, N. Y., assignor to the United States of America as represented by the Secretary of War
Application October 19, 1945, Serial No. 623,424
7 Claim. (Cl. 250—27.5)



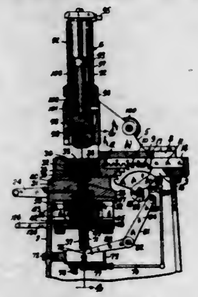
1. An ultra-high frequency magnetron including an anode, a pole piece mounted in spaced relationship with respect to said anode, a plurality of metallic members mounted within said pole piece, mechanically instrumentalities for lowering said members from their normal positions within said pole piece into positions producting varying degrees of coupling between said members and said anode to vary the operating frequency of said anode, said pole piece having a well for housing said instrumentalities.

2,450,620
LOCKET
Gunther E. Speicher, Washington, D. C.
Application May 10, 1945, Serial No. 592,983
3 Claims. (Cl. 63—18)



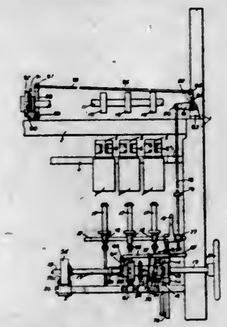
1. A device of the character described comprising similar contoured component parts made of a transparent material having circular cavities formed in the inner medial portions thereof, a conical socket formed in one of said cavities, a jewel having the conical portion thereof seated in said socket, the bottom of said second cavity contacting the face of said jewel thereby retaining said jewel in said socket and means for fastening said parts together as a unit.

2,450,621
FORGING MACHINE
Wade H. Wineman, Michigan City, Ind., assignor to Joy Manufacturing Company, a corporation of Pennsylvania
Application April 11, 1944, Serial No. 530,509
27 Claims. (Cl. 76—5)



24. In a forging machine, in combination, die means, a rotatable work holder having a connection to which an article to be forged is adapted to be coupled for holding the article in forging position with respect to said die means, means for rotating said holder with respect to the forged article while the latter remains stationary as regards rotation with respect to said die means for at least partially uncoupling said holder-connection from the article while the article remains supported by the holder, and means for moving said work holder axially relative to said die means to release the forged article from the latter.

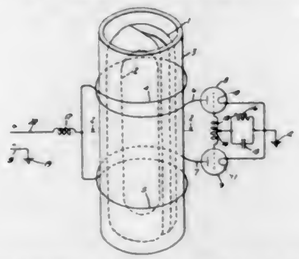
2,450,622
CENTRIFUGAL SPINNING, TWISTING, AND ANALOGOUS MACHINE
Frank Wright, Haworth, England, assignor to Prince-Smith & Stells Limited, Keighley, England, a British company
Application December 13, 1946, Serial No. 716,118
In Great Britain December 17, 1945
8 Claims. (Cl. 57—34)



1. An electrically driven centrifugal spinning, twisting or analogous machine, including delivery

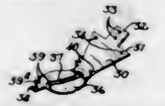
means to deliver yarn to a series of rotary yarn holders, a vertically reciprocable front carriage, an actuating shaft for said front carriage, a series of bobbins supported by said front carriage to receive yarn from said yarn holders, electromechanical control mechanism in circuit with an electric power supply, said control mechanism being common to said yarn delivery means and said front carriage and being operable in the event of a breakage of the electric power circuit, retaining means normally holding said front carriage in its lowermost position, said retaining means being releasable by said control mechanism, and a motor connected to said actuating shaft to elevate said front carriage when released from said retaining means to cause the bobbins to be inserted into said yarn holders whereby the unwinding of the filament spun therein is automatically initiated.

2,450,623
HIGH-FREQUENCY INDUCTION HEATING SYSTEM
Harold W. Anderson, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application October 20, 1944, Serial No. 559,531
3 Claims. (Cl. 219—47)



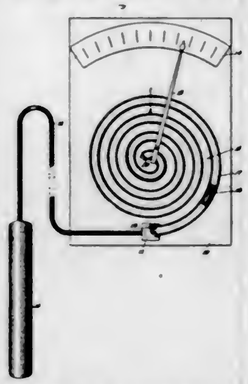
1. High frequency heating apparatus comprising two helical induction heating coils wound in the same direction, means supporting said coils in end-to-end adjacent relation, electric discharge device oscillation generator means connected to the inner adjacent ends of said coils, a connection electrically connecting together the outer ends of said coils thereby to form a high frequency oscillation circuit including said generator means and said coils in series with one another for the flow of high frequency current therethrough whereby said coils produce cumulative magnetic fields and an electric field having its greatest density adjacent the inner ends of said coils for the heating of an article inserted into said coils, a choke coil, and connections for supplying direct current to said generator means through said choke coil.

2,450,624
ARCH STEEL SHANK
Frank Aquilino, New York, N. Y.
Application April 22, 1946, Serial No. 663,849
3 Claims. (Cl. 36—76)



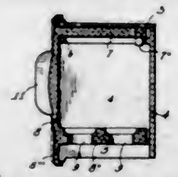
3. A reinforcement member for the shank of a shoe comprising a plate portion, an integral tongue extending from one end of said plate and being bowed to conform to the shape of the shank, a reinforce rib formed centrally of said tongue and extending into said plate portion, said plate portion being substantially as wide as said tongue and constituting a lateral support member for attachment to the sole of a shoe at the heel portion thereof, means for attaching said member to the sole of a shoe with the tongue underlying said shank portion including side and end prongs cooperating to prevent displacement of said member and said tongue being substantially oval in shape to provide lateral support at the arch portion of the shoe.

2,450,625
FLUID-PRESSURE-RESPONSIVE ELEMENT
John W. Beecher, Waterbury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application November 30, 1944, Serial No. 565,962
6 Claims. (Cl. 73—418)



5. A Bourdon spring comprising a curved tubular member of non-circular cross-section, and a further tubular member having its principal portion surrounded thereby and displaced therefrom to provide a sealed chamber therebetween, said further tubular member being closed at one extremity and protruding at the opposite extremity beyond an extremity of the first-named tubular member and open to the atmosphere.

2,450,626
TOOTHBRUSH HOLDER
David Bellock, New York, N. Y.
Application March 21, 1945, Serial No. 583,997
2 Claims. (Cl. 312—112.5)

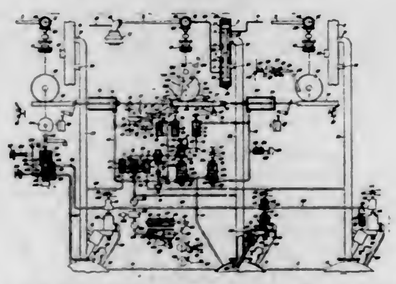


1. A toothbrush holder comprising a casing having side walls, a rear wall, and a top wall, the casing being of integral construction, and the top wall having a centrally located depending thickened area formed with a horizontal guide aperture the walls of which afford supporting means, a toothbrush carrier having a front wall carrying near its top a slide bar entering the said aperture of the casing and supported by the walls of the said horizontal guide aperture, said front wall also being provided near its base with a tray apertured for the reception of toothbrushes, said tray being projected rearwardly of the front wall, the tray and slide bar being integral with the front wall, said slide bar slidingly engaging the top wall of the casing in the movement of the carrier relatively to the casing.

2,450,627
MANUFACTURE OF TETRABASIC ACIDS
Herman S. Bloch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application March 23, 1945, Serial No. 584,505
13 Claims. (Cl. 260—514)

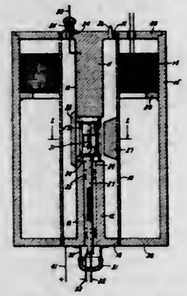
1. A process for manufacturing a tetrabasic acid which comprises heating at a temperature of from about 100 to about 350° C. in the presence of an aqueous alkaline reagent the adduct of a dienophilic dibasic acidic compound and a cyclic polyolefinic hydrocarbon containing isolated unsaturation and at least some conjugated unsaturation, and acidifying the polymer product formed in the said seating step to form said tetrabasic acid.

2,450,628
CIRCUIT BREAKER OPERATING SYSTEM
Alexander C. Boisseau, Lansdowne, Benjamin S. Beall, Upper Darby, Edward J. Frank, Springfield, and Roger W. Lowery, Aldan, Pa., assignors to General Electric Company, a corporation of New York
Application November 30, 1944, Serial No. 565,834
9 Claims. (Cl. 200—81.4)



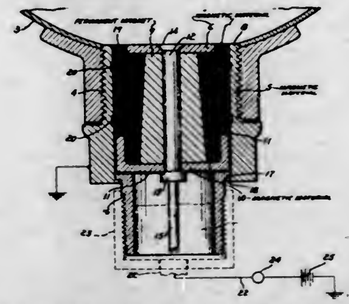
1. In a multipole circuit breaker having serially connected interrupting and isolating contacts for each pole thereof, means including a first fluid motor for each pair of interrupting contacts, a source of fluid under pressure, means including a conduit for each pole of said circuit breaker for connecting said source with each of said fluid motors to open said interrupting contacts, a second fluid motor for opening said isolating contacts, means including a valve for controlling the supply of fluid between said source and said second fluid motor, fluid operated means for operating said valve, fluid conducting means connected to said fluid operated means and having a separate connection to atmosphere for each of said conduits, and separate means associated with each conduit and responsive to a predetermined fluid pressure therein for shutting off the separate connection to atmosphere for the associated conduit and for establishing a connection between the associated conduit and said fluid operated means.

2,450,629
ULTRA HIGH FREQUENCY MAGNETRON GENERATOR
Ralph J. Bondley, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application March 14, 1944, Serial No. 526,432
6 Claims. (Cl. 250—27.5)



1. An ultra high frequency generator comprising a section of concentric transmission line having a tubular outer conductor and a centrally disposed inner conductor, spaced conductive means connected between said conductors forming therewith a cavity resonator, said inner conductor comprising a pair of magnetic members having ends within said resonator in spaced relation and of opposite magnetic polarity, a thermally emissive cathode disposed between said ends, an anode disposed between said cathode and said outer conductor comprising a conductive member connected to said outer conductor and a conductive segment connected between said ends, said segment being spaced diametrically across said cathode from said conductive member, means connected to said generator whereby an electron discharge may be established between said anode and cathode, and means forming a part of said generator and including said magnetic members for rotating the electrons of said discharge to excite said cavity resonator and produce traveling electromagnetic waves on said line, the wave length of said waves being determined by the spacing between said conductive means.

2,450,630
SIGNAL PLUG FOR ENGINE FAILURE WARNING SYSTEMS
Edmund W. Bourne, Jr., Utica, N. Y.
Application August 1, 1947, Serial No. 765,363
3 Claims. (Cl. 200—52)



1. A signal plug for an engine failure warning system comprising a screw shell for engagement in a crank case drain opening or the like, said

screw shell being of magnetic material, a permanent magnet mounted in fixed relation in said screw shell and electrically insulated therefrom, an electrode disc at the inner end of said permanent magnet separated from the screw shell by a magnetic gap, the outer end of said permanent magnet being electrically insulated from but in magnetically coupled relation with said magnetic screw shell and a terminal at the outer end of said screw shell electrically connected with said electrode at the inner end of said permanent magnet and including a terminal pin extending inwardly through said permanent magnet to said electrode, a magnetic head at the outer end of said permanent magnet and providing the magnetic coupling between the outer end of the permanent magnet and the screw shell, said terminal pin being riveted to hold said electrode to the inner end of the permanent magnet and said magnetic head to the outer end of the same and said riveted pin having a terminal extension at the outer end of the same for connection with an external warning or signal circuit.

2,450,631
GARMENT
Ernest Buchler, Sunnyside, Long Island, N. Y., assignor to Arkay Infants Wear, Inc., New York, N. Y., a corporation of New York
Application April 2, 1948, Serial No. 18,641
6 Claims. (Cl. 2—80)



1. In an infant's garment, a relatively wide waistband composed of front and rear parts joined along their sides and being made from one-directionally expansible material, such as knitted fabric, a skirt portion depending from the lower edge of the waistband and being composed of front and rear parts joined along their sides and having leg portions provided with tubular leg collars, said leg portions terminating at their lower ends in overlapping crotch flaps provided with fastening means for holding the flaps in their overlapping, closed position, a moisture-proof lining composed of front and rear parts provided at the interior of the skirt portion, the upper edges of the lining parts being secured to the lower edge of the waistband, the sides of the lining being jointly united with the sides of the skirt material, and the lower edges of the lining parts being joined with the upper edges of the leg collars and of the flaps.

2,450,632
PRODUCTION OF NITRILES
Hamilton P. Caldwell, Jr., and Harold D. Chapman, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application January 16, 1946, Serial No. 641,640
12 Claims. (Cl. 260—465)

1. A process for the production of aromatic nitriles, which comprises contacting an aromatic hydrocarbon containing at least seven and up to eleven, inclusive, carbon atoms per molecule, and having at least one nuclear hydrogen replaced by a univalent, aliphatic, non-acetylenic hydrocarbon radical, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 850° F. and about 1250° F., in the presence of a catalyst comprising a molybdenum oxide.

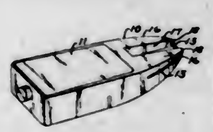
2,450,633
COMPOUNDED OIL
James O. Clayton, Berkeley, Calif., assignor to California Research Corporation, San Francisco, Calif., a corporation of Delaware
No Drawing. Application October 31, 1944, Serial No. 561,317
6 Claims. (Cl. 252—33.2)

4. A petroleum lubricating oil comprising a major proportion of a petroleum oil of lubricating viscosity, about 0.1 to 5% by weight based on finished oil of an oil-soluble alkaline earth metal high molecular weight aliphatic type alkaryl sulfonate and about 0.1 to 2% by weight based on finished oil of an oil-soluble zinc dithiocarbamate.

2,450,634
PRODUCTION OF THIODIHYDRACRYLIC ACIDS
Russell T. Dean, Stamford, and Edwin O. Hook, Darien, Conn., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application August 29, 1942, Serial No. 456,712
3 Claims. (Cl. 260—537)

1. The process of preparing β,β'-thiodipropionic acid which comprises reacting at atmospheric pressures acrylic acid in aqueous solution with sodium sulfide under alkaline conditions and in the absence of stabilizing agents and treating the reaction product with sulfuric acid to liberate the free thiodipropionic acid.

2,450,635
SANITARY DENTAL FLOSS HOLDER
Joseph E. Dembenski, Nanticoke, Pa.
Application February 23, 1946, Serial No. 649,497
6 Claims. (Cl. 132—92.1)



1. A dental floss dispenser comprising a casing having a chamber defined by a front wall, a rear wall, side walls, a bottom wall and a top wall having an opening, a cover detachably closing said opening, two spaced lugs projecting forwardly from said front wall and having aligned transverse orifices at their front end and orifices in their sides opening into said chamber through said front wall, a rotatable shaft extending longitudinally in said chamber and journalled in said front and rear walls and projecting through said rear wall, a knob on said shaft exteriorly of said rear wall for turning said shaft, new dental floss wound on a portion of said shaft adjacent one end thereof and used dental floss wound on said shaft adjacent the other end thereof, means for guiding a web of said floss between said new and used portions through said orifices and across said space between said lugs, and means for guiding the rewinding of said floss back on the used floss portion of said shaft so as to evenly wind the used floss on said used floss portion of the shaft.

2,450,636
PRODUCTION OF NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application January 31, 1946, Serial No. 644,658
9 Claims. (Cl. 260—465)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting a cycloparaffinic hydrocarbon selected from the group consisting of dimethyl cyclohexane, methyl cyclohexane, and methyl decalin, with ammonia, in vapor phase, at temperatures falling within the range varying between about 925° F. and about 1075° F., in the presence of a catalyst comprising a molybdenum oxide.

2,450,637
PRODUCTION OF NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application February 1, 1946, Serial No. 645,012
12 Claims. (Cl. 260—465.3)

1. A process for the production of nitriles having at least two carbon atoms, which comprises reacting an olefinic hydrocarbon containing up to about ten carbon atoms, with ammonia, in vapor phase, at temperatures varying between about 850° F. and about 1075° F., in the presence of a molybdenum oxide.

2,450,638
PRODUCTION OF NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application February 1, 1946, Serial No. 645,013
12 Claims. (Cl. 260—465.3)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting a paraffinic hydrocarbon containing at least two and up to about ten carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 925° F. and about 1075° F., in the presence of a catalyst comprising a molybdenum oxide.

2,450,639
PRODUCTION OF AROMATIC NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application February 20, 1946, Serial No. 649,118
11 Claims. (Cl. 260—465)

1. A process for the production of aromatic nitriles, which comprises contacting an aromatic hydrocarbon having at least one nuclear hydrogen replaced by a univalent, aliphatic, non-acetylenic hydrocarbon radical, and containing at least seven and up to eleven, inclusive, carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 850° F. and about 1250° F., in the presence of a catalyst comprising a vanadium oxide.

2,450,640
PRODUCTION OF NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application March 9, 1946, Serial No. 653,435
9 Claims. (Cl. 260—465)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting a cycloparaffinic hydrocarbon selected from the group consisting of dimethyl cyclohexane, methyl cyclohexane, methyl cyclopentane, and methyl decalin, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 925° F. and about 1075° F., in the presence of a catalyst comprising a vanadium oxide.

2,450,641
PRODUCTION OF NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application May 24, 1946, Serial No. 672,154
12 Claims. (Cl. 260—465.3)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting a paraffinic hydrocarbon containing at least two and up to about ten carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 925° F. and about 1075° F., in the presence of a catalyst comprising a vanadium oxide.

2,450,642
PRODUCTION OF NITRILES
William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application May 24, 1946, Serial No. 672,155
9 Claims. (Cl. 260—465.3)

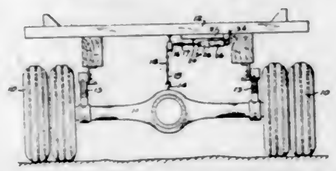
1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting an olefinic hydrocarbon containing up to about ten carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 850° F. and about 1075° F., in the presence of a catalyst comprising a vanadium oxide.

2,450,643
SHOE MACHINE
Anton E. Diessel, St. Louis, Mo., assignor to International Shoe Company, St. Louis, Mo., a corporation of Delaware
Application October 29, 1945, Serial No. 625,287
7 Claims. (Cl. 12—1)



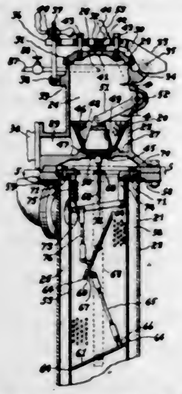
1. In a machine for forming closed slip-last uppers having a box toe insert formed and adhered by the application of heat, comprising a base, a forepart-forming member insertable in the forepart of the upper and conforming to the inner contour thereof and having a longitudinal recess extending to the toe end of said member, a heating element removably insertable in said recess in said forming member, means for exerting a stretching force on said upper when mounted on said forming member to conform the upper thereto and to set said box toe insert, a wiping device movable across the toe section of the upper adjacent to the toe portion of said forepart-forming member, and mechanical means for moving said wiping device vertically in respect of forepart-forming member.

2,450,644
MAXIMUM LOAD INDICATING GAUGE
Jack D. Donaldson, Tacoma, Wash.
Application December 9, 1946, Serial No. 714,966
5 Claims. (Cl. 265—42)



2. In an apparatus of the class described comprising a supporting structure, a frame supported from said structure by spring means and adapted to carry a load; in combination with a tension means mounted on said frame; a cable secured to said supporting structure and to said tension means and passing vertically upward from said supporting means to said frame, whereby variations in the load applied to said frame will cause said tension means to move; a container; a flexible sleeve extension to said container, said sleeve extension being secured to and moved by the movements of said tension means; a fluid filling said container and said sleeve; and means to indicate the liquid displaced from said container by the load applied to said frame.

2,450,645
METHOD OF FREEZING FOOD
Frank B. Doyle, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y., a corporation of New Jersey
Original application October 28, 1943, Serial No. 507,993. Divided and this application November 15, 1944, Serial No. 563,595
3 Claims. (Cl. 99—192)



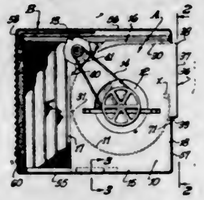
1. The method of processing food in two zones which comprises subjecting the food to a blanching medium in one zone, utilizing such blanching medium for expelling air from said one zone, next subjecting the food in said one zone to a vacuum, maintaining a vacuum in the other zone, interconnecting the zones, transferring the food to said other zone, cutting-off communication between the zones, and continuing subjecting the food to a vacuum for freezing the food.

2,450,646
METHOD OF MAKING METHYL HYDROXY-ISOPROPYL KETONE
Robert R. Dreisbach and George Beal Heusted, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
No Drawing. Application September 15, 1941, Serial No. 410,894
3 Claims. (Cl. 260—594)

1. In a method of making methyl beta-hydroxy-isopropyl ketone, the steps which consist in heating to a reaction temperature between 75° and 85° C. for not more than 2 hours a mixture comprising methyl ethyl ketone, an aqueous formaldehyde solution of at least 30 per cent concentration, sodium hydroxide, and sodium carbonate, which mixture contains betwen 0.0015 and 0.008 chemical equivalent of alkali and between 0.2 and 0.7 molecular equivalent of formaldehyde per mole of methyl ethyl ketone and between 0.5 and 1.5 chemical equivalent of the sodium carbonate per mole of sodium hydroxide, and thereafter treating the mixture with sufficient acid to neutralize the alkali and separating the methyl beta-hydroxy-isopropyl ketone product.

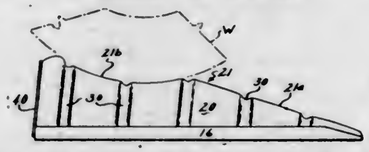
2,450,647
BLOWER
Bryant Essick, Los Angeles, Calif.
Application January 16, 1945, Serial No. 572,997
10 Claims. (Cl. 230—117)

7. A blower including spaced substantially rectangular side plates, a curved body, having ends, joined between the side plates and forming a rotor chamber with an outlet opening between said ends, a rotor in the chamber, and a motor



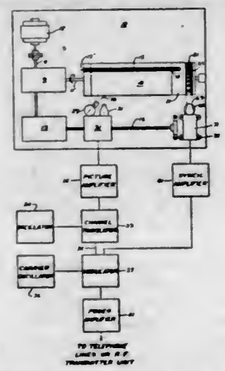
for driving the rotor mounted at the exterior of the chamber.

2,450,648
VEHICLE LIFT
Joseph Felzer, Los Angeles, Calif.
Application December 22, 1945, Serial No. 636,906
2 Claims. (Cl. 254—88)



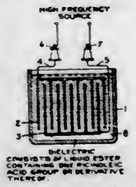
1. A drive-on type vehicle lift comprising a base member having a bottom wall and upright side walls, a U-shaped body having side walls secured between the side walls of the base and having a top wall inclining from the front end of the base to a point substantially midway between its ends and thence curving downwardly, upwardly and downwardly, a door swingably mounted on the rear end of the base in position to close the rear end of the body, and a leaf spring latch secured to the door and having a curved free end resiliently engageable under the rear end of the body top wall.

2,450,649
FACSIMILE SYNCHRONIZING SYSTEM
William G. H. Finch, Newtown, Conn.
Application February 16, 1944, Serial No. 522,601
10 Claims. (Cl. 178—69.5)



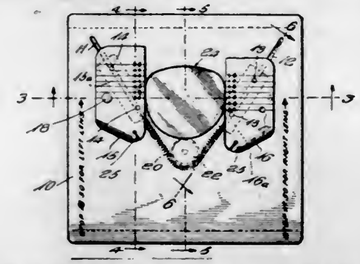
1. In a facsimile system, a transmitter, said transmitter comprising means for scanning a line of an image and generating corresponding picture currents and means operable during the scanning of said image line to generate a synchronizing signal having a characteristic varying linearly with the proportion of said image line scanned.

2,450,650
ELECTRIC CAPACITOR
Ralph G. Flowers and Leola Wills Flowers, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
Application December 13, 1945, Serial No. 634,699
1 Claim. (Cl. 175—41)



An electric capacitor comprising the combination of a container, spaced cooperating armatures therein, and a dielectric material consisting of ethylene glycol monomethyl ether acetyl ricinoleate.

2,450,651
LENS MARKING GAUGE
Carl W. Focht, South Williamsport, Pa., assignor of one-half to The Valley National Bank of Phoenix, Phoenix, Ariz., a National Banking Association
Application May 10, 1945, Serial No. 593,001
2 Claims. (Cl. 33—174)

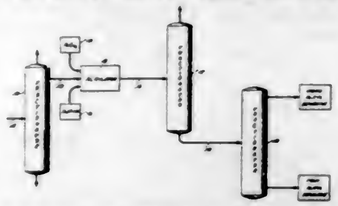


1. In a lens marking gauge, a base, blocks movably mounted thereon having approximately parallel edges and graduations on their surfaces near the said edges, means for guiding the blocks divergently during their movement toward the upper edge of the base, means for selectively holding either of the blocks in a predetermined position while the other is movable with relation to it, a flexible band having a looped portion between the said blocks and having its ends connected to said blocks whereby the band may partially embrace the edges of a lens interposed between the blocks, and means for exerting a pull on the blocks against the action of pressure tending to move the blocks toward the upper edge of the base.

2,450,652
ALKYL BENZENES
Alfred W. Francis, Woodbury, and Carleton H. Schlesman, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application July 20, 1944, Serial No. 545,885
10 Claims. (Cl. 260—671)

1. The process of obtaining alkyl benzenes substantially free of non-aromatic hydrocarbons

from a petroleum oil comprising a substantial amount of benzene and a substantial amount of non-aromatic hydrocarbons wherein the boiling points of the benzene and the non-aromatic hydrocarbons are so close together that they cannot be separated feasibly by conventional fractional distillation, which process comprises distilling the oil to prepare a fraction boiling below about 90°



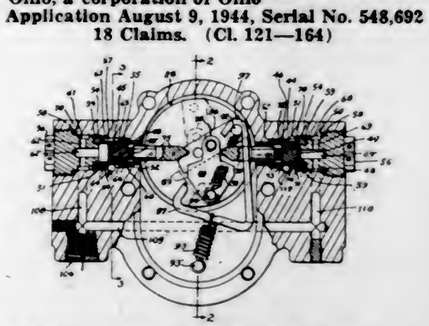
C., subjecting the fraction to selective alkylation with a single normally gaseous olefin in the presence of aluminum chloride so as to alkylate only the benzene, and then fractionally distilling the mixture formed by said alkylation step to produce a fraction reduced in benzene content boiling below 90° C. and a fraction boiling above 90° C. which consists of alkyl benzenes substantially free of non-aromatic hydrocarbons.

2,450,653

RECIPROCATING EXPANSIBLE CHAMBER WINDSHIELD WIPER MOTOR WITH SHAFT OPERATED SNAP ACTION DISTRIBUTING VALVE PLUNGERS

John H. Galley, Los Angeles, Calif., and Leroy J. Carey, Cleveland, Ohio, assignors to The Marquette Metal Products Company, Cleveland, Ohio, a corporation of Ohio

Application August 9, 1944, Serial No. 548,692
18 Claims. (Cl. 121—164)



8. The combination with a fluid motor having a piston and cylinder assembly, a pair of reciprocatable valves for controlling the operation of the piston, a single push rod arranged for operating both said valves and formed with spaced shoulders, a cam between said shoulders arranged for movement to and through a dead center position with a snap action, and means driven by said piston for moving said cam, of means for holding said cam against one of said shoulders substantially until the dead center position is reached.

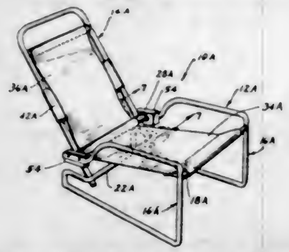
12. A fluid operated motor comprising a cylinder, a piston reciprocatable within said cylinder, a snap action mechanism driven by said piston, a push rod actuated by said snap action mechanism, and valve means including a pair of reciprocating valve plungers and cooperating valve sleeves in which the plungers are moved alternately in one direction by said push rod and in the other direction by fluid pressure force for controlling the flow of fluid to said cylinder.

2,450,654

AUTOMATIC ADJUSTABLE CHAIR

Harold Gleitsman, New Rochelle, and Daniel Hoenig, St. Albans, N. Y.; said Hoenig assignor to said Gleitsman

Application August 17, 1945, Serial No. 611,048
16 Claims. (Cl. 155—119)



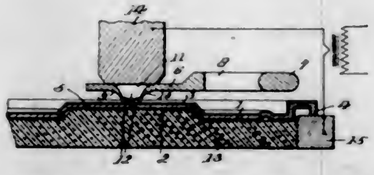
16. An automatically adjustable chair comprising a seat frame having laterally spaced parts provided with horizontal grooves therein at the rear portions thereof, said grooves extending longitudinally of said parts, respectively, and having convexly curved lower edges, a back frame having portions at a lower part thereof slidably and pivotally engaging said parts of the seat frame in said grooves on said edges, means anchored at the front thereof to the forward part of said seat frame, extending rearwardly from said forward part and connected to a lower part of said back frame and movable therewith in the sliding and pivotal movements thereof on said seat frame, and fulcrum means on said seat frame on which said back frame has a pivotal engagement below said connecting means, said back frame being movable toward the forward ends of said grooves by the force of the weight of the user of the chair applied downwardly on said connecting means when seated on the chair, the rear movement of said back frame being releasably opposed by said convexly curved edges of said grooves.

2,450,655

METHOD OF SPOT WELDING METAL KEYS TO METAL CAN ENDS

Norman H. Goldsworthy, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application November 16, 1944, Serial No. 563,705
2 Claims. (Cl. 219—10)



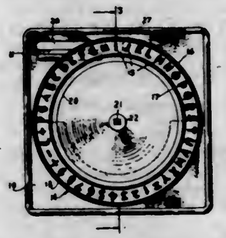
1. The method of spot welding a metal key to a sheet metal container end having a metal core and a protective coating of lacquer on its inner face, the core of metal of the container end being bare at the edge thereof, piercing the end of the key so as to provide an opening surrounded by a torn ragged edge projecting from the face of the key, assembling the parts to be joined so that the ragged edge contacts with the outer face of the can end inwardly from the edge thereof, contacting the key with one of the electrodes of a welding unit and contacting the bare edge of the metal core at a point distant from the key with the other electrode of the welding unit, passing a welding current from one electrode to the other through the key and metal core so as to avoid disturbance of the lacquer on the inner face of the container end and simultaneously applying a follow-up pressure to the electrode contacting with the key whereby the ragged projecting edge is progressively fused with the metal core of the container end.

2,450,656

PRINTING APPLIANCE

John Pinkney Gowland, Woking, England

Application August 19, 1946, Serial No. 691,577
In Great Britain May 4, 1945
3 Claims. (Cl. 101—3)



1. A hand printing appliance comprising a baseplate having a printing aperture formed therein of size sufficient to receive at a time only a single one of the hereinafter mentioned printing characters and having a portion forming a window extending from said aperture to permit characters printed one after another in a line through said aperture on to a surface underlying said baseplate to be viewed through said window, an embossable printing disc rotatably and detachably mounted at its centre on said baseplate and having a peripheral marginal portion overlying said printing aperture and an adjacent part of said window, at least said marginal portion of said disc being transparent to render said part of said window visible through said disc, said marginal portion bearing an annular row of embossed printing characters which overlies said printing aperture and said characters of which appear in negative relief on the under face of said disc adjacent said baseplate and in positive intaglio in the upper face of said disc, an inking pad on said baseplate beneath said row of printing characters, said disc being supported on said baseplate with said row of characters normally out of contact with the underlying surface of said baseplate, and at least said marginal portion of said disc possessing sufficient inherent resiliency to permit depression of a selected printing character thereon through said printing aperture into position for printing and to automatically return said character to normal inoperative position after depression.

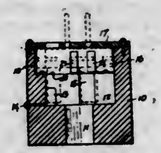
2,450,657

ELECTRIC PLUG

Max M. Guernsey, Stellacoom, Wash.

Application May 13, 1947, Serial No. 747,613
4 Claims. (Cl. 173—361)

4. An electric plug, comprising a plug body; a chamber in the end thereof; a plurality of fixed plates mounted in said chamber, to which a plurality of wires are secured; an invertible insert member in said chamber; means to limit the position of said insert member in said chamber; a plurality of contact prongs extending from the upper and lower sides of said insert member; a plurality of side plates centrally mounted on the sides of said insert member, certain of said side plates being electrically connected to said prongs,



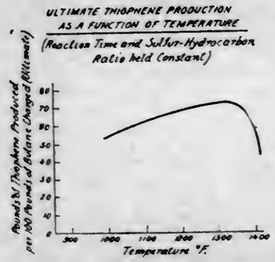
said side plates being adapted to contact said fixed plates, whereby the relative contact between said fixed plates and the side plates, and the exposed prongs, are changed when the said insert member is inverted.

2,450,658

PRODUCTION OF THIOPHENE

Rowland C. Hansford and Herbert E. Rasmussen, Woodbury, N. J., and Claude G. Myers, Bryn Mawr, Pa., and Alexander N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

Application September 28, 1944, Serial No. 556,150
20 Claims. (Cl. 260—329)



1. A process for producing thiophene, which comprises separately preheating sulfur and hydrocarbon material selected from the group consisting of normal butane, normal butenes and butadienes, to temperatures such that combining said sulfur and said hydrocarbon material will give a reaction mixture having a temperature varying between 850° F. and about 1400° F., mixing the preheated sulfur and the preheated hydrocarbon material, reacting said preheated sulfur with said preheated hydrocarbon material at temperatures varying between 850° F. and about 1400° F. for a period of time of not more than about one second to yield a thiophene-containing mixture, and reducing the temperature of said thiophene-containing mixture to less than 850° F.

2,450,659

SULFUR AND HYDROCARBON REACTIONS AND PRODUCTS

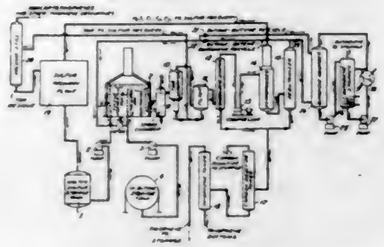
Rowland C. Hansford, Herbert E. Rasmussen, and Alexander N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

Application August 27, 1946, Serial No. 693,176
In Great Britain November 29, 1945
15 Claims. (Cl. 260—329)

1. The process for producing valuable organic compounds from normal C_4-hydrocarbons, which comprises separately preheating sulfur and a

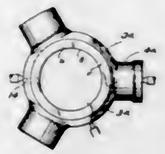
C_4-hydrocarbon selected from the group consisting of normal butane, normal butenes, and butadienes, to temperatures such that combining said sulfur and said hydrocarbon will give a reaction mixture having a temperature varying between 850° F. and about 1400° F.; mixing the preheated sulfur and the preheated hydrocarbon; reacting said preheated sulfur with said preheated hydrocarbon at a reaction temperature varying between about 850° F. and about 1400° F. to yield a mixture containing said organic compounds; and immediately reducing the temperature of the mixture containing said organic compounds to a temperature of less than 850° F.

12. The tar obtained by the process which comprises separately preheating sulfur and a C_4-hy-



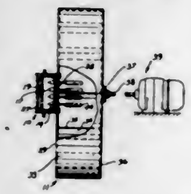
drocarbon selected from the group consisting of normal butane, normal butenes, and butadienes, to temperatures such that combining said sulfur and said hydrocarbon will give a reaction mixture having a temperature varying between about 850° F. and about 1400° F.; mixing the preheated sulfur and the preheated hydrocarbon; reacting said preheated sulfur with said preheated hydrocarbon at a reaction temperature varying between 850° F. and about 1400° F. to yield a mixture containing said tar; immediately reducing the temperature of the mixture containing said tar to a temperature of less than 850° F.; and separating the tar from said mixture.

2,450,660
METHOD OF FORMING PROPELLER HUBS
Gordon W. Hardy, Euclid, Ohio, assignor to The Marquette Metal Products Company, Cleveland, Ohio, a corporation of Ohio
Application November 15, 1945, Serial No. 628,771
6 Claims. (Cl. 29—156.8)



6. In a method of forming a propeller hub adapted to support three blades, the procedure comprises starting with a generally flat forged steel blank with three equally spaced arm portions and a connecting central body portion, boring a generally spherical cavity in the central portion and centrally of the blank so that the spherical limits of the cavity terminate between the side walls of the blank, and additionally through-boring and turning the blank around the spherical cavity and on each side of the blank to form inturned concentric flanges for mounting the finished hub, mounting the blank on a rotary support, centeringly engaging the inner limits of the flanges and, while so mounted, forming six equally angularly spaced centering sockets all of which are coaxial with the arm portions and which are diametrally aligned in pairs across the center point of the spherical cavity, three of the centering sockets entering the cavity at spherical surface portions thereof, mounting the blank successively in three positions for rotation about coacting pairs of centering sockets and, in each position, turning one of the arm portions of the blank generally cylindrically and an adjacent one third portion of the connecting portion spherically, axially boring the arms at their outer ends to receive the blades, heat treating the hub thus formed to harden it, reforming and flush-pin-gaging the centering sockets which intercept the outer spherical surface with reference to the spherical surface of the cavity, and finally surface finishing the spherical and cylindrical external surfaces while using the centering sockets and the blade receiving bores of the arms for rotarily supporting the hub.

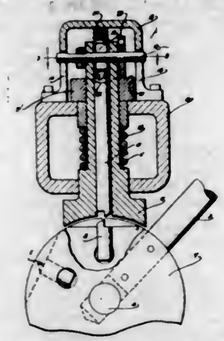
2,450,661
CONFECTIONERY COATING APPARATUS
John George Herrmann, Baldwin, N. Y., assignor to Conveyor and Machinery Manufacturers, Inc., New York, N. Y., a corporation of New York
Application June 4, 1948, Serial No. 31,195
14 Claims. (Cl. 107—1)



14. In an apparatus for covering, with a coating of solid particles, a group of confections and the like, a movable container for the coating material, a support on the container for mounting the confections within the container, and means for moving said container and said group of confections as a unit, whereby the coating material will be deposited upon the confections.

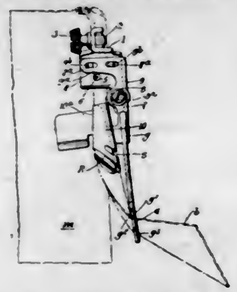
2,450,662
IMPACT TESTING MACHINE
Richard U. Hofmann, Rye, N. Y., assignor, by mesne assignments, to The Baldwin Locomotive Works, a corporation of Pennsylvania
Application February 26, 1945, Serial No. 579,804
4 Claims. (Cl. 73—101)

1. A comb'ned pendulum release and brake mechanism for a pendulum impact testing machine of the type having a brake surface and a latching element comprising, in combination, a latch bolt element adapted to engage the latching element to hold the pendulum in a raised position and to be released to allow the pendulum to move through its impact stroke, a brake shoe element adapted to engage the brake surface to bring the pendulum to rest after a testing operation, mechanism for effecting a predetermined sequence of operation of said elements, means for operating said mechanism, said latch bolt and brake shoe elements being arranged substantially concentric to each other and extending away from said brake surface, and the sequence



mechanism being disposed at the outer end of said concentrically arranged elements.

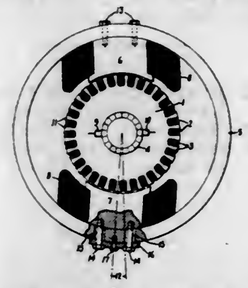
2,450,663
BINDING ATTACHMENT FOR SEWING MACHINES
Theodore J. Horwath, Newark, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application December 27, 1945, Serial No. 637,328
4 Claims. (Cl. 112—137)



1. In a binding attachment for sewing machines having a supporting member adapted to be secured to the presser-bar of the machine, a binder-supporting arm mounted on said member and adjustable laterally thereof, and a binder-head carried by said supporting arm and provided with a plurality of binding-receiving openings; the improvement which comprises the provision of a plate-supporting member having one end secured upon said supporting arm and its opposite end off-set laterally, a plate pivotally secured to the off-set portion of said plate-supporting member and provided on opposite sides of the pivot with binding guiding slots of different lengths, one of said slots being of arcuate form, said plate being adapted to be turned relative to its supporting member selectively to align said slots with the respective binding-receiving openings in said binder-head to guide binding strips thereto.

2,450,664
DYNAMOELECTRIC MACHINE
Ray D. Jones, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application October 18, 1946, Serial No. 704,233
7 Claims. (Cl. 171—252)

1. A commutating dynamoelectric machine including a rotatable armature member provided with a commutator and having a core of magnetic material and winding slots therein with a winding in said slots, and a stationary field member having salient pole pieces of magnetic material arranged with the center lines of adjacent pole pieces of opposite polarity spaced substantially one-half armature slot pitch different from



180 electrical degrees apart, said pole pieces being arranged to provide normal excitation to said machine and to induce substantially equal and opposite alternating current components of voltage in said armature whereby commutator ripple caused by said slots passing said pole pieces is reduced.

2,450,665
CONCAVE HYDROPLANE HULL
William B. Jutte, Los Angeles, Calif.
Application January 8, 1945, Serial No. 571,808
5 Claims. (Cl. 115—11)



1. A watercraft having a double concave hull of which one extends substantially from the stem to the stern of said craft with a downwardly facing concavity which decreases in height in a direction from the stem towards the stern, the other of said concave hulls being housed in and arranged under the bows of said first hull and extending from the stem to and terminating substantially amidship, the vertical sides of said other hull becoming increasingly concave in a direction aft from the bow.

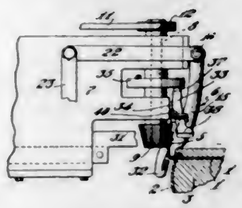
2,450,666
FOOTWEAR AND METHOD OF MAKING IT
Jacob S. Kamborian, West Newton, Mass.
Application March 18, 1944, Serial No. 527,101
4 Claims. (Cl. 12—142)



1. That method of making shoes which comprises as steps providing an upper and a sock lining, turning the margin of the sock lining downwardly and disposing it in contact with the inner surface of the lower margin of the upper, and uniting said margins by stitches to form a rib, providing a welt strip, sewing one margin of the welt strip against the outer surface of

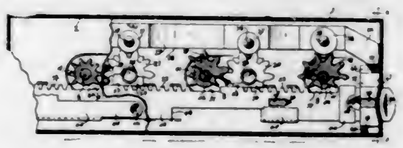
the lower margin of the upper by stitches which pass through the rib, introducing a last into the upper, filling the cavity defined by the sock lining and rib, thereby to provide a level bottom surface, turning the free margin of the welt strip outwardly so that its under surface is substantially in the plane of said level bottom surface, laying an outer sole upon said level surface, and permanently uniting the outer sole and welt strip.

2,450,667
METHOD OF AND APPARATUS FOR USE IN LASTING FOOTWEAR
Jacob S. Kamborian, West Newton, Mass.
Application September 13, 1945, Serial No. 615,966
26 Claims. (Cl. 12—1)



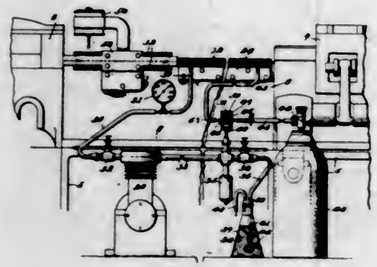
8. In a machine of the class described adapted to operate upon shoes having the lasting margin turned down away from the sole of the shoe, means for up-turning the lasting margin, said up-turning means including a plow which intermittently engages and turns up the lasting margin, means for gripping the margin so turned up by the plow, said gripping means including a roller and a drive shaft for said roller, means for wiping the lasting margin in over the bottom surface of the sole, a hammer for intermittently impacting the wiped-in margin against the sole, a pivotally mounted member carrying the plow at one end and the hammer at the other end, and means carried by said shaft for actuating said member to cause the plow and hammer to act alternately upon the margin.

2,450,668
CALCULATOR
Elmer G. Kesling, Bloomfield, Mo.
Application May 22, 1944, Serial No. 536,842
13 Claims. (Cl. 235—74)



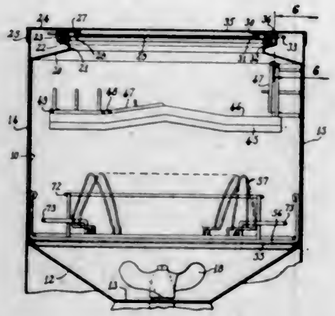
1. A calculating mechanism comprising a plurality of operative dials, means co-acting between said dials for effecting accumulation, a single spring operated detent mounted for resiliently holding all of said dials, a reset bar mounted for longitudinal movements for returning said dials to zero position as required, and means co-acting between said reset bar and said detent for releasing said dials during said resetting movement.

2,450,669
APPARATUS FOR DEOXIDIZING METAL SHEET EDGE PORTIONS
Alfred L. Kronquest, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application August 18, 1942, Serial No. 455,240
7 Claims. (Cl. 134—64)



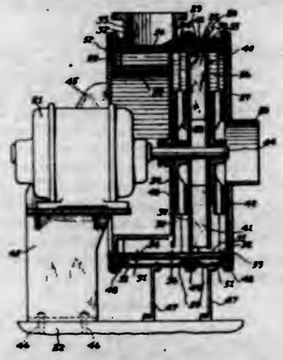
3. In apparatus of the character described metal sheet supporting ways, means for feeding sheets along said ways, means forming an elongated chamber paralleling said ways at one side and having a longitudinal slot through which sheet edge portions may project into and travel along in and through said chamber to be cleansed therein, means for wetting edge portions of the sheets which are to pass through said chamber, and means for directing hydrogen chloride gas into said chamber for deoxidizing sheet edge portions passing therethrough.

2,450,670
MULTIPLE CLOSURE FOR DISHWASHING MACHINES
Lawrence A. Loeb, New Haven, Conn.
Application February 22, 1944, Serial No. 523,440
4 Claims. (Cl. 220—29)



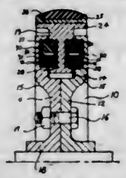
1. A dish washing machine comprising a tank and a hinged cover for the tank, said cover comprising a pair of frame members of open rectangular form and a panel of transparent material clamped between said members at its edges and closing the opening within said members, said members being L-shaped in cross section and each having a depending flange, the flange of the upper being disposed in parallel spaced relation to the flange of the lower, and sealing strips between said flanges.

2,450,671
CASING FOR PUMPS
Isidor R. Loss, Rowayton, Conn., assignor to Ingersoll-Rand Company, New York, N. Y., a corporation of New Jersey
Application December 19, 1946, Serial No. 717,240
2 Claims. (Cl. 230—130)



1. A casing for pumps, comprising hollow casing sections arranged in end-to-end fashion, covers for the ends of the casing, a diaphragm having its marginal portion lying between the opposed ends of the casing sections to divide the interior of the casing into pumping chambers, sealing members to encircle the covers and the diaphragm and having portions covering the marginal portions of the side surfaces of the diaphragm and the covers to seat against the ends of the casing sections, and adjustable means for pressing the ends of the casing sections in sealing engagement with the sealing members.

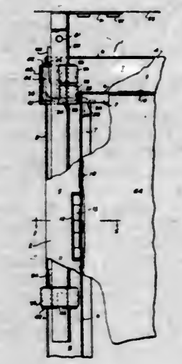
2,450,672
RESILIENT WHEEL
James Matthew MacLean, Vancouver, British Columbia, Canada
Application June 23, 1942, Serial No. 448,122
5 Claims. (Cl. 152—41)



1. A resilient connection between two parts disposed and movable in substantially parallel planes and having circular recesses therein normally in axial alinement, comprising a cup rotatably mounted in one recess, a disc freely positioned on the bottom of the cup, and a shock-absorbing element extending into the recess of one part and into the cup against its disc within the recess of the other part.

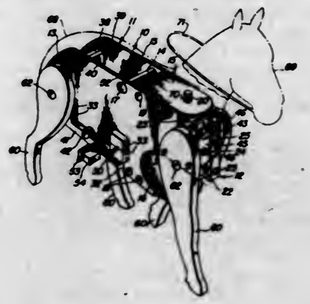
2,450,673
DOOR FRAME
Ronald R. Magaw, Canton, and Karl H. Miller, North Canton, Ohio, assignors to Diebold, Incorporated, Canton, Ohio, a corporation of Ohio
Application September 16, 1944, Serial No. 554,442
9 Claims. (Cl. 189—36)

1. In a knock-down, sheet metal door frame having side and top jamb members of channel shape, a connection construction for the corner joint abutting edges of the members including, tubular clip means at the top of each side jamb member, tubular clip means at each end of the top jamb member, said tubular clip means each having spaced flat portions permanently secured



to the jamb member channel flanges within the channel, the clip means at each corner joint being tubularly aligned, and a tubular socket member telescoped within and interlocked with said aligned clip means.

2,450,674
MECHANICAL WALKING ANIMAL
Frank A. Manfredi, Gary, Ind.
Application March 18, 1946, Serial No. 655,172
12 Claims. (Cl. 280—1.17)



1. A mechanical walking animal comprising in combination, a hollow body, a forward shaft, an intermediate shaft and a rear shaft, said shafts being rotatably journalled in the sides of said body and protruding therefrom, an axially off-set portion medially the length of each of said shafts defining an inner crank, a pitman connecting said cranks, an outer crank at each of the protruding ends of said shafts, legs movably connected to said body and formed in the inner surfaces thereof with recessed slots, the outer cranks on said forward and rear shafts slidably and rotatably engaging said slots, foot

pedals on the outer cranks of said intermediate shaft, and steering means associated with the forward of said legs.

2,450,675
PRODUCTION OF NITRILES
Milton M. Marisic, Northfield, Ill., and William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application August 29, 1946, Serial No. 693,810
9 Claims. (Cl. 260—465.3)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting an olefinic hydrocarbon containing up to about ten carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 850° F. and about 1075° F., in the presence of catalytic oxides obtained by treating a heteropoly compound containing an acid anhydride molecule selected from the group consisting of MoO_3, WO_3, and V_2O_5, at a temperature and for a period of time sufficient to decompose said heteropoly compound.

2,450,676
PRODUCTION OF NITRILES
Milton M. Marisic, Northfield, Ill., and William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application August 29, 1946, Serial No. 693,811
9 Claims. (Cl. 260—465.3)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting a paraffinic hydrocarbon containing at least two and up to about ten carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 925° F. and about 1075° F., in the presence of catalytic oxides obtained by treating a heteropoly compound containing an acid anhydride molecule selected from the group consisting of MoO_3, WO_3, and V_2O_5, at a temperature and for a period of time sufficient to decompose said heteropoly compound.

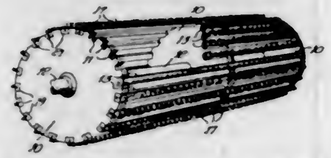
2,450,677
PRODUCTION OF AROMATIC NITRILES
Milton M. Marisic, Northfield, Ill., and William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application October 29, 1946, Serial No. 706,516
11 Claims. (Cl. 260—465)

1. A process for the production of aromatic nitriles, which comprises contacting an aromatic hydrocarbon having at least one nuclear hydrogen replaced by a univalent, aliphatic, non-acetylenic hydrocarbon radical, and containing at least seven and up to eleven, inclusive, carbon atoms per molecule, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 850° F. and about 1250° F., in the presence of catalytic oxides obtained by treating a heteropoly compound containing an acid anhydride molecule selected from the group consisting of MoO_3, WO_3, and V_2O_5, at a temperature and for a period of time sufficient to decompose said heteropoly compound.

2,450,678
PRODUCTION OF NITRILES
Milton M. Marisic, Northfield, Ill., and William I. Denton, Woodbury, and Richard B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application March 26, 1947, Serial No. 737,425
6 Claims. (Cl. 260—465)

1. A process for the production of nitriles having at least two carbon atoms per molecule, which comprises contacting a cycloparaffinic hydrocarbon selected from the group consisting of methyl cyclohexane, dimethyl cyclohexane, and methyl decalin, with ammonia, in gaseous phase, at temperatures falling within the range varying between about 925° F. and about 1075° F., in the presence of catalytic oxides obtained by treating a heteropoly compound containing the acid anhydride molecule MoO_3, at a temperature and for a period of time sufficient to decompose said heteropoly compound.

2,450,679
GIN BRUSH
Earl C. May, Dallas, Tex.
Application May 3, 1946, Serial No. 666,874
2 Claims. (Cl. 19—60)



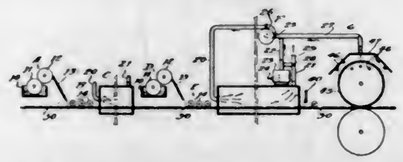
2. In a rotary gin brush having spaced apart heads, each provided with circumferentially spaced recesses in its perimeter, channels lying in said recesses and having inwardly turned, confronting flanges, defining an elongated housing of substantially rectangular cross-section, a tongue protruding from each end of each channel, brush sticks slidably disposed in said channels, said tongue being turned upwardly against the ends of said brush stick to hold the latter in co-axial relationship therewith.

2,450,680
GAS BURNER
Ervin H. Mueller, Grosse Pointe, Mich.
Application July 10, 1944, Serial No. 544,214
6 Claims. (Cl. 158—116)



1. A gas burner comprising a body having a fuel supply chamber for an inner burner section and a fuel supply chamber for an outer burner section which extends circumferentially around the inner burner chamber with a space therebetween, an outer cap in the form of a ring disposed over the outer burner chamber, an inner cap disposed over the inner chamber, the caps and the burner body having contacting surfaces some of which are grooved to provide burner ports leading from the respective fuel chambers, means for securing the inner cap to the body and means underlying the inner cap and having spaced elements extending across the space between the inner and outer burner sections and connecting with the outer cap for holding the outer cap on the body.

2,450,681
APPARATUS FOR COATING FIBER INSULATION BOARD
Carl G. Muench, Glenview, Ill., assignor to The Celotex Corporation, Chicago, Ill., a corporation of Delaware
Application October 4, 1943, Serial No. 504,849
1 Claim. (Cl. 91—55)



In an apparatus for applying a surface finish on fiber insulation board the combination comprising means for applying a fluid coating over the surface of a sheet of fiber insulation board, means for drying said fluid coating, means for applying a second fluid coating over the surface of the first fluid coating, means for drying such second fluid coating, means for supplying moisture to the surface of said second coating and heated ironing means for smoothing and ironing said surface coating applied to the fiber insulation board and a conveyor in operative relation with respect to said various means for conveying the fiber insulation board being treated successively through the said plurality of means operating thereon.

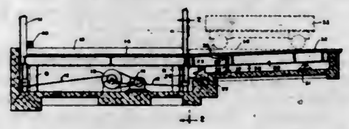
2,450,682
POLYMERS OF AN UNSATURATED ALKYD RESIN AND AN UNSATURATED HALOGENATED COMPOUND AND METHOD OF PRODUCING SAME
Birger W. Nordlander, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application April 30, 1946, Serial No. 666,203
10 Claims. (Cl. 260—45.4)

1. A product comprising an interpolymer of a diallyl ester of a nuclearly chlorinated phthalic acid and an unsaturated alkyd resin, the allyl residues of the diallyl ester being unsubstituted, and the two ingredients comprising the interpolymer being compatible and copolymerizable.

2,450,683
REFINING OF SUGAR
Ernest E. Pittman, Elizabethtown, Ky.
No Drawing. Application December 12, 1945, Serial No. 634,618
10 Claims. (Cl. 127—46)

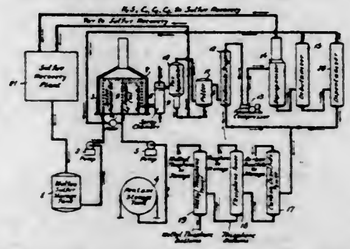
1. A process for refining sucrose solutions containing, as impurities, organic acids, which process comprises dispersing in a sucrose solution a refining agent comprising finely divided particles of conjointly prefused lime and clay, the quantity of lime present being greater than that required to neutralize the organic acids present, heating the dispersion to a temperature between about 175° F. and 205° F., whereby to form reaction products by reaction between the lime and the organic acids without appreciable inversion of sucrose to glucose, and separating said reaction products with the particles of the refining agent.

2,450,684
LOADING PLATFORM
William H. Rambo, Portland, Oreg.
Application July 16, 1945, Serial No. 605,354
7 Claims. (Cl. 214—126)



1. In an elevator loading apparatus, the combination comprising an elevator having a floor including a pair of spaced apart vehicle tracks thereupon, a loading platform provided adjacent said elevator including a pair of spaced apart vehicle tracks thereupon, said loading platform being pivotally mounted at the end remote from said elevator, a collapsible bracket means connected to the end of said loading platform adjacent said elevator, said bracket means in the operative position supporting said loading platform in a substantially horizontal position, said bracket means in the collapsed condition permitting downward movement of the end of said loading platform adjacent said elevator to a lower limit position, an operating lever operatively connected to said bracket means, means secured to said elevator in one direction for causing collapse of said bracket means, means for arresting movement of said elevator in said one direction in a position corresponding with the lowered position of said loading platform whereby a vehicle supported on the tracks of said loading platform is permitted to roll therefrom onto said tracks on said elevator, and means on said elevator operatively engaging with said lever upon movement of said elevator in the opposite direction for restoring said bracket means to the operative position and said loading platform to the horizontal condition.

2,450,685
PRODUCTION OF ALKYL DERIVATIVES OF THIOPHENE
Herbert E. Rasmussen and Rowland C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application September 29, 1944, Serial No. 556,438
20 Claims. (Cl. 260—329)



1. A process for producing methyl thiophene, which comprises separately preheating sulfur and hydrocarbon material selected from the group consisting of pentanes, pentenes and pentadienes,

having at least four carbon atoms in a straight chain, to temperatures such that combining said sulfur and said hydrocarbon material will give a reaction mixture having a temperature varying between 850° F. and about 1300° F., mixing the preheated sulfur and the preheated hydrocarbon material, reacting said preheated sulfur with said preheated hydrocarbon material at temperatures varying between 850° F. and about 1300° F. for a period of time of not more than about one second to yield a methyl thiophene-containing mixture, and reducing the temperature of said methyl thiophene-containing mixture to less than 850° F.

2,450,686
PRODUCTION OF METHYL THIOPHENE
Herbert E. Rasmussen and Rowland C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application June 27, 1945, Serial No. 601,759
11 Claims. (Cl. 260—329)

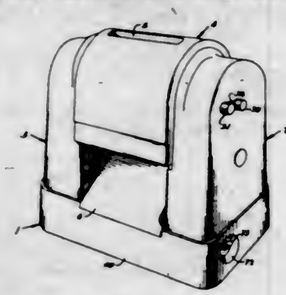
1. A process for producing methyl thiophene, which comprises separately preheating sulfur and a hydrocarbon selected from the group consisting of pentanes, pentenes, and pentadienes, having at least four carbon atoms in a straight chain, to temperatures such that combining said sulfur and said hydrocarbon will give a reaction mixture having a temperature varying between about 850° F. and about 1300° F.; mixing the preheated sulfur and the preheated hydrocarbon; reacting said preheated sulfur with said preheated hydrocarbon at a reaction temperature varying between 850° F. and about 1300° F., to a produce a methyl thiophene-containing mixture; and reducing the temperature of said methyl thiophene-containing mixture to less than 850° F.

2,450,687
PRODUCTION OF DIMETHYL AND ETHYL THIOPHENES
Herbert E. Rasmussen and Rowland C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Original application June 27, 1945, Serial No. 601,759. Divided and this application August 17, 1946, Serial No. 691,372
11 Claims. (Cl. 260—329)

1. A process for producing dimethyl thiophene and ethyl thiophene, which comprises separately preheating sulfur and a hydrocarbon selected from the group consisting of hexanes, hexenes, and hexadienes, having at least four carbon atoms in a straight chain, to temperatures such that combining said sulfur and said hydrocarbon will give a reaction mixture having a temperature varying between about 850° F. and about 1300° F.; mixing the preheated sulfur and the preheated hydrocarbon; reacting said preheated sulfur with said preheated hydrocarbon at a reaction temperature varying between 850° F. and about 1300° F. to produce a dimethyl thiophene and ethyl thiophene-containing mixture; and reducing the temperature of said dimethyl thiophene and ethyl thiophene-containing mixture to less than 850° F.

2,450,688
MEAT TENDERIZING MACHINE
Grant M. Richard, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a corporation of New Jersey
Application October 11, 1944, Serial No. 558,138
7 Claims. (Cl. 17—26)

1. In a device for tenderizing meat, in combination, a cast unitary housing comprising a pair of hollow tower portions forming the ends, said tower portions being joined by a low front wall and a higher rear wall, ledges on the opposed faces of said towers extending downwardly from the top of the rear wall to the top of the front wall, a removable tray carried on said ledges, a motor in the space between said walls and under said tray mounted on a hinge allowing it to



swing from an operating position within said housing to an accessible position exterior of said housing, bearings in said towers, a pair of knife-carrying arbors in the space between said towers carried by said bearings, and drive means between said arbors and said motor including gears in one of said towers and a belt from the motor to a pulley in the other of said towers.

2,450,689
SUPPORT FOR HAMMOCKS
Paul Richmond, Pontiac, Mich.
Application June 26, 1946, Serial No. 679,437
1 Claim. (Cl. 5—129)

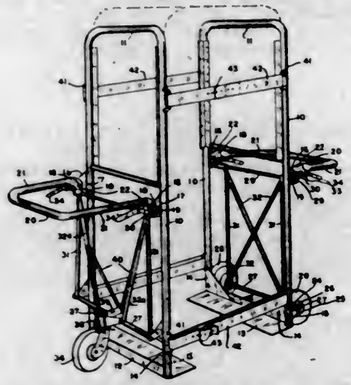


A hammock support comprising a frame including a pair of elongated side members having intermediate straight ground engaging portions and terminal risers inclining upwardly therefrom at an obtuse angle and provided with obtuse angled terminals adapted to be secured together side by side in pairs, and removable slip on keepers for securing said pairs of terminals together comprising tubular sockets fitting at one end over said pairs of terminals and having the other ends thereof longitudinally slotted to form tongues for attaching the hammock thereto.

2,450,690
TRUCK FOR HANDLING ELECTRIC REFRIGERATORS AND THE LIKE
Jack B. Robins, Colorado Springs, Colo., assignor to Aircraft Mechanics Inc., Colorado Springs, Colo., a corporation of Colorado
Application December 17, 1946, Serial No. 716,725
3 Claims. (Cl. 280—44)

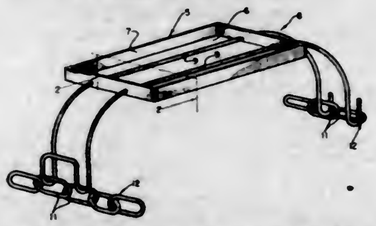
1. A truck comprising an elongated frame closed at the top and open at the bottom, a load supporting plate connecting the lower ends and projecting laterally therefrom, an axle positioned near the bottom of the frame, at least one wheel carried by the axle, means connecting the axle

with the frame to permit it to move a limited distance in the direction of the frame, a handle pivoted to the frame at a point above the axle, a pusher frame connected at its lower end with the axle, the upper end of the pusher frame having a transverse bar, means constraining the bar to move in an arcuate path substantially con-



centric with the pivot handle, means comprising a portion of the handle for moving the bar in a downward direction, means for holding the bar in its lowermost position, and means comprising a lever pivoted to the handle for engaging the bar to move it from its lowermost to a higher position.

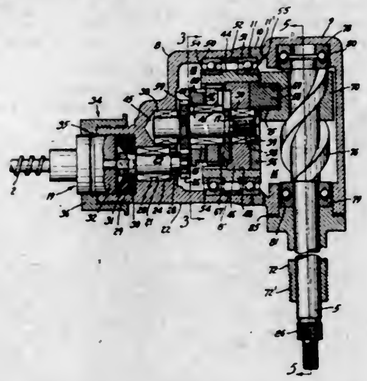
2,450,691
NONSKID DEVICE
Clyde E. Russell, Massillon, Ohio
Application June 5, 1947, Serial No. 752,621
3 Claims. (Cl. 152—225)



3. An anti-skid device for vehicle wheels, comprising a traction cleat, chains on opposite sides of the wheel, an attaching member for the cleat in the form of a single length of wire rod bent into substantially U-shape, and having opposed parallel portions thereof trained through openings in the cleat, the extremities of said parallel portions being bent upwardly through links of the chains on both sides of the tire.

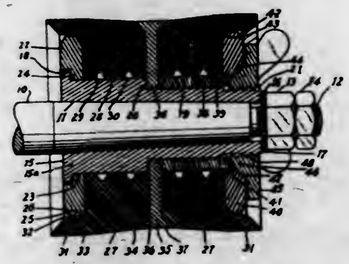
2,450,692
MOTION CONVERTER MECHANISM
Columbus R. Sacchini, Euclid, and Lorain N. Vandervoort, Cleveland, Ohio, assignors to The Marquette Metal Products Company, Cleveland, Ohio, a corporation of Ohio
Application March 22, 1943, Serial No. 479,972
2 Claims. (Cl. 74—70)

2. In a motion converter mechanism comprising a housing, a continuously rotating driving member, an eccentric crank pin driven by the driving member, a crosshead in the housing driven by said crank pin with a to and fro motion, an output shaft having a high pitch helical drive thread connection with the crosshead operative to oscillate the shaft, a bearing member for the



shaft on the housing, and means connecting the bearing member to the housing and extending inside the housing and slidably engaging the crosshead in a manner to prevent rotation thereof about the axis of the output shaft.

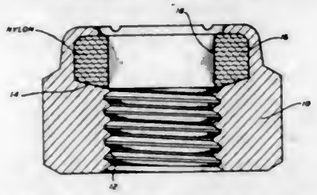
2,450,693
PISTON ASSEMBLY AND RING
William G. Sanders, Houston, Tex.; Edna Sanders executrix of said William G. Sanders, deceased
Application October 29, 1945, Serial No. 625,183
7 Claims. (Cl. 309—23)



5. A piston comprising in combination with a piston rod, a piston body removably mounted on said rod, locking means carried by the piston rod for locking said body on said piston rod, the outside diameter of said body being greater than that of said locking means, said body having an annular flange at one end thereof, a piston assembly mounted on said body comprising a plurality of separable elements including a pair of resilient sealing members, a reinforcing plate between said sealing members, said reinforcing plate having peripheral flanges tapering outwardly from the opposite faces of said plate, a pair of end plates enclosing said resilient sealing members and said reinforcing plate therebetween, each of said sealing members having a peripheral lip extending over and concentric with the edge of the adjacent end plate and having a peripherally scarfed surface on the heel thereof complementing the adjacent tapered surface of the flange on the reinforcing plate, and a clamping member mounted on the opposite end of said body and

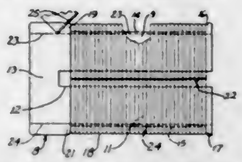
adapted to compressively clamp said piston assembly against said annular flange, said piston assembly and the separable elements thereof all being removable from said body without removal of said locking means from said piston rod.

2,450,694
SELF-LOCKING NUT
John A. Sauer, Elizabeth, N. J., assignor to Elastic Stop Nut Corporation of America, Union, N. J., a corporation of New Jersey
Application January 21, 1944, Serial No. 519,135
5 Claims. (Cl. 151—7)



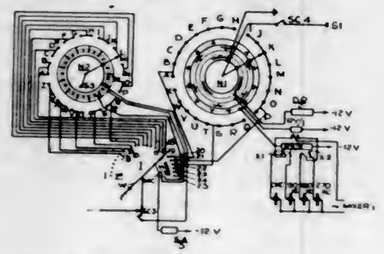
1. A threaded fastening device comprising means providing a threaded portion for engagement with a threaded element having a complementary thread, means providing a recess in said device for locking material and a body of locking material comprising a synthetic linear superpolymer of a diamine and a dibasic acid in said recess, said body including a portion projecting laterally relative to the axis of said threaded portion past the root diameter of the thread thereof to provide a surface located to be traversed and engaged by said complementary thread to cause displacement of said locking material due to the impression of a thread therein by said complementary thread when said device and element are threaded together, said body of locking material being substantially confined between the walls of said recess and the thread of the element causing said displacement, whereby to create and maintain compressive pressure within said body of locking material to cause the same to grip said complementary thread due to said pressure.

2,450,695
PROCESS FOR MAKING YARN ARTICLES
Anne Siefert, Chicago, and Jalmer M. Laiho, Skokie, Ill.
Application September 4, 1945, Serial No. 614,120
2 Claims. (Cl. 112—262)



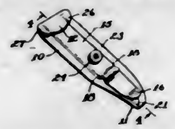
2. The process for making yarn articles, which comprises taking a U-shaped form having two similar substantially parallel arms which are joined together at one end by a yoke portion, winding a plurality of layers of turns of yarn so that each turn goes around both of said arms, stitching all of said layers of turns of yarn to each other on a line running through the center of the space between said arms, taking other similar forms which are wound with yarn and stitched and sewing the stitching of each to one or more points on the stitching of the others in some preconceived arrangement, severing each of the turns of yarn by cutting along the outer edges of the two arms of each form thereby to form cylindrical shapes of tufted yarn which are joined together, removing each of the forms regardless of the degree of complication of the arrangement by pulling them longitudinally from the stitching so the tufted yarn passes out between the open ends of the arms of the form, and finally joining any other desired points on the lines of stitching or attaching accessory trimmings by sewing to the lines of stitching of the tufted yarn.

2,450,696
APPARATUS FOR TUNING VARIABLE ELECTRICAL OSCILLATORS
Luis Charles Stenning, London, England, assignor to The General Electric Company Limited, London, England
Application February 12, 1946, Serial No. 647,004
In Great Britain January 22, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires January 22, 1965
11 Claims. (Cl. 250—36)



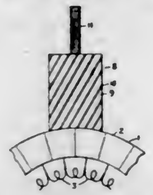
1. Apparatus for tuning a variable electrical oscillator including driving means capable of varying continuously in the same direction the frequency of the oscillator, means for generating alternatively a first set of standard frequencies spaced at minor intervals, to one of which the variable oscillator has to be tuned, and a second set of standard frequencies spaced at major intervals, an automatic selector switch including a wiper, a plurality of studs and electrically actuable wiper moving means, means responsive to coincidences between the frequency of the variable oscillator and said standard frequencies for applying to the automatic selector switch, on the occasion of each such coincidence, a pulse serving to move its wiper one step, changeover means associated with the automatic selector switch for causing the second set of standard frequencies to be replaced by the first set when the wiper reaches a predetermined stud of the automatic selector switch, means for varying at the will of an operator the number of steps that the wiper must take under the control of the coincidences before it reaches the said predetermined stud, and stopping means adapted to be associated at the will of the operator with different studs of the automatic selector switch and serving to put the driving means out of action when the wiper reaches the stud with which the stopping means are associated, wherein the said stopping means are associated with positioning means adapted to set the frequency of the variable oscillator at the will of the operator either to a value f_m+D or to a value f_m-D, where f_m is a frequency determined by the stud of the automatic selector switch with which the stopping means is associated and D is substantially a constant independent of f_m, and comprising a plurality of heterodyning oscillators each adapted effectively to vary at the will of the operator the said frequency f_m each by a different amount and the appropriate one of which is arranged to be automatically selected by the stopping means.

2,450,697
POCKETKNIFE
Austin F. Teigen, Moorhead, Minn.
Application July 15, 1947, Serial No. 760,984
5 Claims. (Cl. 30—155)



1. A knife comprising an elongated bottom plate having its front end turned obliquely downward and having its rear end folded upwardly and inwardly to provide an overlying lug; an elongated top plate lying longitudinally upon said bottom plate and having its front end turned obliquely upward into forwardly diverging relation with said downwardly turned front end of said bottom plate, the rear end of said top plate being disposed under said overlying lug; a blade interposed between said top and bottom plates and secured to said top plate, the front end of said blade being disposed between the forwardly diverging front ends of said top and bottom plates; and a pivot connecting said top plate with said bottom plate, said pivot being located between the ends of said top and bottom plates in a position to allow reversal of said top plate to a position in which the front end of said blade will underlie said lug and said upwardly directed front end of said top plate will overlie said lug.

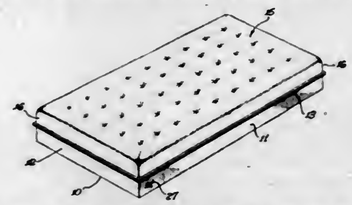
2,450,698
BRUSH FOR DYNAMOELECTRIC MACHINES
Charles A. Thomas, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application June 26, 1947, Serial No. 757,080
3 Claims. (Cl. 171—228)



1. A brush for dynamoelectric machines having a plurality of segments of conductive material, and a plurality of layers of rectifying material interspaced between said segments for passing current through said brush in only one direction whereby the short-circuit current under said brush is limited.

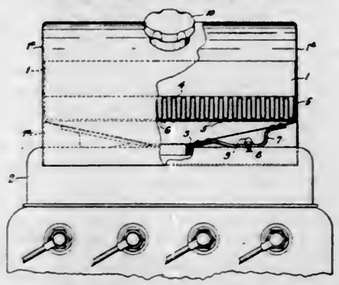
2,450,699
AIR MATTRESS CONSTRUCTION
Harry O. Veach, Los Angeles, Calif.
Application August 26, 1946, Serial No. 693,053
3 Claims. (Cl. 5—348)

3. A pneumatic mattress having a self-sustaining bottom capable of being supported by its end portions, comprising: a relatively rigid, self-sustaining bottom; a top portion composed of a pliant, impervious sheet material having downwardly extending sides, means for connecting the lower marginal edges of said downwardly extending, pliant sides to marginal edges of said bottom to form an air-tight seal therebetween, said connecting means being located appreciably below the level of the major portion of said top, said top



and bottom portions cooperating to form an air-tight chamber; inlet means carried by one of said portions for supplying and retaining air in said chamber with the pliant top in spaced relation to the rigid bottom and above marginal edges of such bottom; and a plurality of spaced, non-elastic but pliant connectors attached to the inner surfaces of the bottom and the pliant top.

2,450,700
OIL REFILLING DEVICE
Cecil Gordon Vokes and Arthur Henry Fowler, Guildford, England, assignors to Vokes Limited, Guildford, Surrey, England
Application August 2, 1944, Serial No. 547,749
In Great Britain June 15, 1943
3 Claims. (Cl. 184—105)



1. A lubricating means for supplying oil to an engine to build up the volume of engine-carried oil to a desired quantity, including a container to receive a build-up oil charge, means for connecting the container to the engine to cause the heat developed in the engine to heat the charge in the container, a communication between the container and engine for oil passage, and a filter in the container of a character to prevent filter passage of the conventional viscous oil delivered and afford such filter-passage following the heating of the oil in the container.

2,450,701
VIBRATION DAMPENER
Nils Erik Wahlberg and Floyd F. Kishline, Kenosha, Wis., assignors to Nash-Kelvinator Corporation, Kenosha, Wis., a corporation of Maryland
Application July 11, 1941, Serial No. 401,982
13 Claims. (Cl. 74—574)

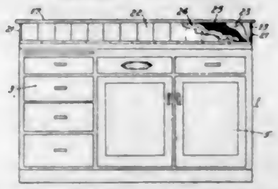
1. A vibration dampener comprising a flanged hub member having an outside diameter and an

inertia member having an internal diameter and a flat face, said diameters and the flat faces of said flange and inertia member being joined together by a deformable insulating sleeve, said in-



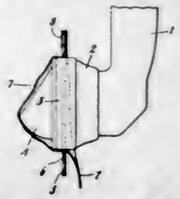
sulating sleeve being stressed by forces applied axially of the axis of rotation of said dampener, and securing means holding said members together and exerting said forces.

2,450,702
KITCHEN CABINET
Garland E. Watts, El Cerrito, Calif.
Application February 3, 1945, Serial No. 575,966
2 Claims. (Cl. 4—187)



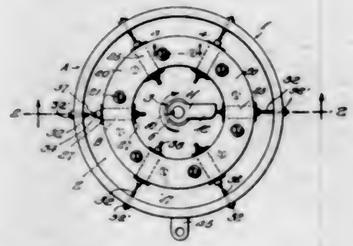
1. As an article of manufacture, a unitary preformed kitchen cabinet or the like including a pair of side walls, a back wall, a drainboard, a sink supported at the edge of said drainboard, said drainboard being positioned above said side walls, a drainboard panel foundation extending upwardly from the rear edge of the drainboard and the sink, a layer of tile covering said drainboard, a vertical layer of tile covering the drainboard foundation, and a top covering extending over the upper edges of the drainboard panel foundation and the vertical layer of tile to impart stability thereto, the parts being constructed and arranged so that the tiled cabinet is formed as a complete unit prior to being installed.

2,450,703
SANITARY SHIELD FOR TELEPHONE TRANSMITTERS
Ivan Vernon Welsbrod, Douglaston, N. Y., assignor to Alexander A. Sackey, New York, N. Y.
Application October 12, 1946, Serial No. 703,086
6 Claims. (Cl. 179—185)



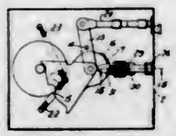
1. A sanitary shield for the mouthpiece of a voice transmitter, comprising a thin sheet of tissue paper of a size to completely extend across the open end of such a mouthpiece and to encase a portion of the outer lateral wall thereof; and an apertured support member, formed of a sheet of relatively stiff material, associated with said pliable sheet, the aperture in the support member being of a size to snugly receive the open end of the mouthpiece of a voice transmitter when the same is so encased by said pliable sheet and to firmly maintain the latter in position on said mouthpiece.

2,450,704
DISTRIBUTOR MECHANISM
Armond Williams, East Haven, and Otto E. Meyer, Sr., North Haven, Conn.
Application November 30, 1944, Serial No. 565,974
8 Claims. (Cl. 200—27)



1. A distributor mechanism for use in an ignition system for an internal combustion engine, comprising a pair of axially aligned normally spaced contacts, one being movable and the other stationary, a recoil mechanism in connection with the movable contact, said mechanism embodying a dual spring construction including aligned springs successively coacting with each other and with said movable contact in both directions of its movement to effect substantial instantaneous engagement and disengagement of the contacts, a rotary cam, and means for rotating said cam.

2,450,705
SWITCH MECHANISM
Floyd C. Williams, St. Louis County, Mo., assignor to Frank Adam Electric Company, St. Louis, Mo., a corporation of Missouri
Application September 7, 1944, Serial No. 552,996
2 Claims. (Cl. 200—50)

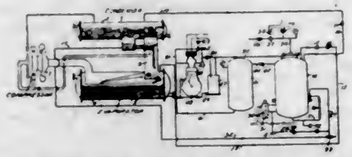


1. An interlock for an enclosure having a door for housing an operating apparatus having an operating handle movable to active and inactive positions, comprising a control member pivoted to move with said handle, a locking member for said handle pivoted independently of said control member, means connecting said members whereby pivotal movement of one causes pivotal movement of the other, means engageable by said door when closed operating to shift the pivot of said locking member to move the same to unlocking position, a door latch self-biased to latching position, means adapted to bias said latch to unlatching position, and means connected with said locking member operating to overcome the latter bias of said latch when said handle is in active position.

2,450,706
METHYLATION OF METHYL 6-HYDROXY-DEHYDROABIETATE
Harold H. Zeiss, Fairlawn-Radburn, N. J., assignor to Ridbo Laboratories, Inc., Paterson, N. J., a corporation of New Jersey
No Drawing. Application June 14, 1946, Serial No. 676,868
5 Claims. (Cl. 260—97)

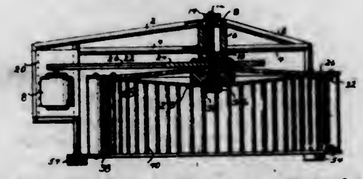
1. A process for methylating methyl 6-hydroxydehydroabietate which comprises reacting methyl-6-hydroxydehydroabietate with dimethyl sulfate in an aqueous alcoholic solution of an alkali metal hydroxide.

2,450,707
PURGING SYSTEM FOR REFRIGERATING SYSTEMS
Joseph R. Zwicki, East Orange, N. J., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware
Application June 6, 1945, Serial No. 597,849
19 Claims. (Cl. 62—115)



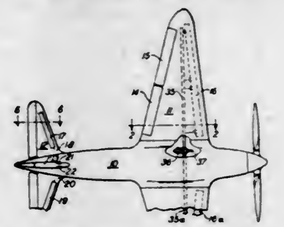
1. The method of purging a closed refrigeration system containing a volatile refrigerant and including a condenser and an evaporator, of polluting agents such as air, water and oil which comprises taking from the condenser uncondensed refrigerant and water vapor mixed with noncondensible gases and subjecting the mixture to a temperature lower than the temperature in the condenser, which lower temperature is produced by evaporation of refrigerant at a lower pressure so as to condense the greater quantity of condensible vapors in the mixture, collecting the residual mixture of noncondensibles and condensible vapor not condensed by said first condensing action, taking off a part of the collected mixture when its pressure reaches a predetermined degree, compressing the taken off part of the mixture, separating oil from the compressed mixture, subjecting the remaining compressed mixture to condensing temperature sufficiently low to condense practically all of the condensible vapors in the mixture, separating the condensed water vapor from the condensed refrigerant vapor, and returning the condensed refrigerant vapor as liquid to the system.

2,450,708
CENTRIFUGAL FAN
Paul Anderson, San Antonio, Tex.
Application December 23, 1946, Serial No. 717,871
2 Claims. (Cl. 230—117)



1. In a centrifugal fan, a plurality of spaced parallel vertically-disposed legs supported on a horizontal surface, a first plurality of horizontally-disposed radial frame arms secured to the upper ends of said legs, a vertically-disposed cylindrical housing supported by the other ends of said frame arms, a shaft rotatably mounted in said housing, a circular plate positioned below said frame arms and secured to said shaft, a convex baffle plate arranged below said circular plate and secured to the latter, a plurality of spaced parallel vertically-disposed blades each having its upper end secured to said circular plate, a ring spaced below said circular plate and secured to the lower ends of said blades, a horizontally-disposed pulley interposed between said circular plate and said frame arms, a vertically-disposed bracket secured to one of said legs, a drive motor carried by said bracket, and belt means operatively connecting said pulley to said motor.

2,450,709
AIRCRAFT CONTROL
Ward W. Beman, Glendale, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application February 22, 1943, Serial No. 476,715
1 Claim. (Cl. 244—75)

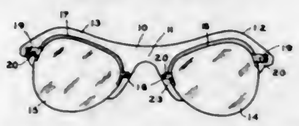


In an airplane designed for speeds involving high Mach numbers at which compressibility effects are encountered, the combination with a main wing and a stabilizer, of a baffle located in the lower forward portion of said main wing in the region where shock waves form when speeds are attained at which compressibility effects are encountered, a baffle located in the upper forward portion of said stabilizer, and means for simultaneously extending the baffles in said main wing and stabilizer to maintain the coefficient of lift of said main wing and to maintain the effective stabilizing down-load of said stabilizer when speeds are attained at which compressibility effects are encountered, whereby to maintain the positive pitching moment of the airplane.

2,450,710
PROCESS FOR OBTAINING AN ANTIANEMIA VITAMIN PRODUCT
Orson D. Bird and Stephen B. Binkley, Detroit, Mich., assignors to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
No Drawing. Application October 4, 1943, Serial No. 504,954
5 Claims. (Cl. 195—2)

1. In a process for obtaining an anti-anemia vitamin product, the step which comprises enzymatically digesting a product of the class consisting of tissues from plant sources containing a conjugated vitamin product having anti-anemia potency for chicks and aqueous extracts of said tissues containing said conjugated vitamin product with a material of the class consisting of kidney, liver, intestines and extracts thereof containing an enzyme capable of liberating an unconjugated acid anti-anemia product.

2,450,711
SEMIRIMLESS SPECTACLE MOUNTING
Samuel E. Bouchard, Brighton, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application June 4, 1945, Serial No. 597,422
3 Claims. (Cl. 88—41)



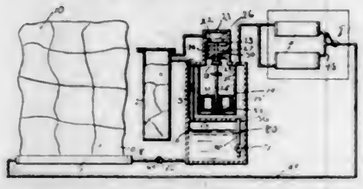
1. A semi-rimless ophthalmic mounting comprising a pair of spaced lenses, resilient metallic mounting means extending along the upper edges of the lenses, said mounting means having nasal and temporal portions extending along the sides of the lenses, means for holding the lenses on the mounting means comprising lens engaging means secured to said portions and engaging notches formed in the temporal and nasal edges of the lenses, the resilience of the mounting means serving to hold the lens engaging means in engagement with the lenses, a non-metallic frame having portions extending along said mounting means and overlying the mounting means and the edges of the lenses, a bridge connecting said portions, said frame portions being slightly resilient and wider than the combined thicknesses of the lenses and the metallic mounting means, and retaining means for securing the mounting means to said frame, said retaining means comprising plates secured, respectively, to the temporal and nasal portions of the mounting means and retaining elements fastening said plates to portions of said frame.

2,450,712
MULTIPLE RETICLE COLLIMATING GUN SIGHT
Leo H. Brown, Glenville, Conn.
Application May 5, 1944, Serial No. 534,285
7 Claims. (Cl. 88—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



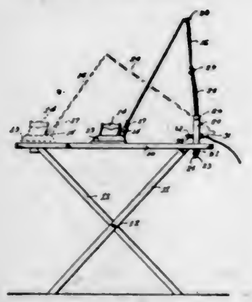
1. A gun sight comprising means forming a plurality of partially transparent concave mirror surfaces all facing in the same direction, with their principal axes substantially parallel and their principal focal points located in a common plane perpendicular to said axes, said surfaces being arranged side by side in contiguous superposed horizontal rows without interstices therebetween, there being a light reflecting reticle fixed at the focal point of each respective surface, said mirror surfaces, in cooperation with the respective reticles, acting to establish a plurality of reticle images at infinity uniformly distributed over said area, whereby the eye sees an image of a reticle for all positions thereof over said surfaces.

2,450,713
REFRIGERATING SYSTEM USING DRY ICE AND INCLUDING A SECONDARY HEAT EXCHANGE CIRCUIT
Rex L. Brunsing, San Francisco, Calif.
Application July 13, 1946, Serial No. 683,511
12 Claims. (Cl. 62—91.5)



8. In a refrigerating system of the character described, a vertically disposed chamber having vertical side walls, a top, and a bottom, a horizontal partition dividing said chamber into an upper compartment and a lower compartment, an inlet in said upper compartment for admitting a liquid refrigerant into the same, a discharge outlet in said lower compartment for discharge of a liquid refrigerant therefrom, a valved passageway communicating between said upper compartment and said lower compartment for passing liquid from the upper one to the lower one, a cylindrical wall depending from said top, a cylindrical float vertically reciprocable within said wall upon rising and falling of the float as the liquid level rises and falls, said wall having drain holes formed therein spaced from the upper end thereof and being imperforate above said holes for providing a gas trap between the uppermost of such drain holes and said top, a gas pressure line communicating with said lower compartment and a vent for establishing communication between said upper compartment and its lower one, valve means actuatable by said float upon rising and upon falling to predetermined limits for opening and closing said vent.

2,450,714
IRONING CORD HOLDER
Garrett E. Campbell, Modesto, Calif.
Application May 3, 1945, Serial No. 591,736
1 Claim. (Cl. 248—51)



In a support for an ironing cord, an upright having a side lug halfway up its length, means for securing said upright to an ironing board, an upwardly extending stiff rod pivotally secured to the upper end of said upright, means on said rod for securing said cord longitudinally thereto, said means including a plurality of helical coils formed in said rod one of said coils situated at each end and one intermediary thereof, a helical spring normally biasing said rod toward upright position, the ends of said spring being secured respectively to said lug and the lowermost of said coils and stop means on said lug precluding the pivotal movement of said rod beyond substantially vertical position in the direction of bias of said spring.

2,450,715
MILK SAMPLER
Willard S. Campbell, Chicago, Ill., assignor to M & C Conveyors, Inc., Chicago, Ill., a corporation of Illinois
Application June 15, 1946, Serial No. 677,068
2 Claims. (Cl. 73—424)



1. A milk sampler valve comprising a stationary body member having a milk inlet, a milk outlet of smaller diameter than said milk inlet substantially opposite from said sampling outlet, a sampling outlet and an air inlet, a rotatable member mounted within said stationary member, said rotatable member having a passage and a tube of smaller diameter than said passage and substantially transverse to said passage, and means for drawing a continuous flow of milk through said sampler valve from a source of milk to be sampled, said passage of said rotatable body member adapted to permit the continuous flow of milk from said milk inlet through said passage and said milk outlet when said rotatable member is in one position, said rotatable member manually rotatable to another position, said passage adapted upon said rotation to permit the flow of milk from said passage through said sampling outlet and said tube adapted to permit the continuous flow of milk from said milk inlet through said tube and said milk outlet.

2,450,716
KITCHEN UTENSIL
Charles Yardley Chittick, Waban, Mass.
Application December 16, 1944, Serial No. 568,437
1 Claim. (Cl. 294—1)

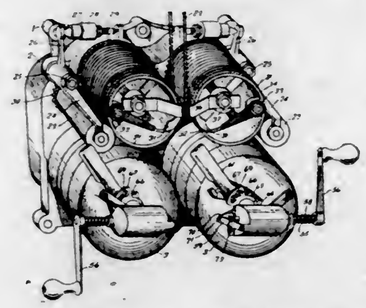


A kitchen utensil for lifting food comprising two parts, one part comprising a curved grill-like frame having a straight blunt edge, said frame curving upwardly from said edge sharply enough to permit positioning in a cooking pan to receive food by rolling said food thereon without lifting, a first handle curved in the opposite direction from said frame and connected to the side of said frame opposite said blunt edge, the other part comprising a second handle having hooks adapted to be detachably connected to said blunt edge after food has been rolled on said frame.

2,450,717
METHOD OF RECOVERING DEXTRINS FROM STILLAGE SIRUP
Harold W. Coles, Rochester, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky., a corporation of Indiana
No Drawing. Application July 27, 1944, Serial No. 546,939
3 Claims. (Cl. 127—34)

2. A method of recovering dextrins from stillage syrup comprising: dialyzing syrup thru a membrane to remove some of its impurities; mixing the dialyzed syrup with a quantity of hydrochloric acid ranging approximately from 1 to 5% by volume of the moisture content of the syrup; and mixing the acidified syrup with sufficient alcohol to place remaining impurities in solution and to precipitate the dextrins.

2,450,718
HOIST
Victor L. Darnell, Centerville, Ohio, assignor to The Master Electric Company, Dayton, Ohio, a corporation of Ohio
Application August 20, 1942, Serial No. 455,421
12 Claims. (Cl. 214—95)



1. A hoist apparatus wherein dual independently operable winding drums control a hoist cable common thereto the ends of which are wound upon the respective drums and having a medial bight therein to receive a work load are driven by electromotive means in unison in either direction to raise and lower the work load and differentially to rotate the work load while suspended in said bight, electrically operated power means for the drums, an electrical energizing circuit for said electro-motive means, a manual actuating device for driving the drums independently of the electromotive means, an automatic brake mechanism for arresting and holding the winding drums and suspended load in adjusted position, electromagnetic means for temporarily maintaining the brake mechanism in ineffective condition during operation of the electromotive drive means, and permitting automatic reengagement of the brake mechanism upon interruption of the electric current supply through said circuit, and a manual control device for maintaining the brake mechanism in ineffective condition independently of the electromagnetic means during operation of the manual actuating device for the drums, the brake mechanism being automatically reengageable upon release of the manual control device, the construction and arrangement being such that upon failure of either the electric power supply or of the operator while manually actuating the drums, the brake mechanism is automatically engaged to prevent retrograde motion of the winding drums and suspended work load.

2,450,719
HORSE COLLAR
Lee Y. Davis, Atlanta, Ga.
Application March 7, 1947, Serial No. 733,099
2 Claims. (Cl. 54—18)

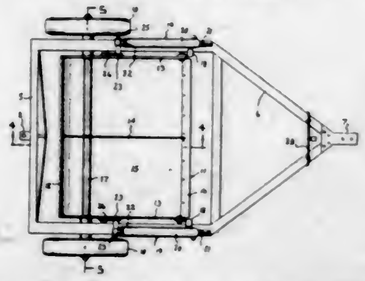


2. In a horse collar, a hame, a pneumatic tube placed on the rear face thereof, flexible means for surrounding said tube and said hame, with its free edges on the front face of said hame, a cover plate releasably attached to the front face of said hame, and companion means on said hame and said cover plate for frictionally engaging the free edges of said flexible means, said companion means comprising a rib and a recess.

2,450,720
FROTH FLOTATION OF SILICIOUS GANGUE FROM AN ALKALINE MAGNETIC IRON ORE PULP WITH AN AMINE
Fred D. De Vaney, Hibbing, Minn., assignor to Erie Mining Company, Hibbing, Minn., a corporation of Minnesota
No Drawing. Application December 30, 1943, Serial No. 516,288
3 Claims. (Cl. 209—166)

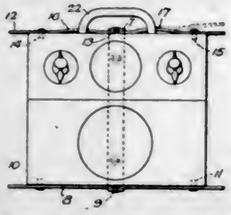
1. Process of beneficiating a ferruginous chert whose oxidic iron content is largely magnetite which chert has been finely subdivided to a particle size of the order of minus 100 mesh or finer, which comprises adding to an aqueous pulp of the chert an agent of the group consisting of alkaline-acting alkali metal compounds, ammonium hydroxide and ammonium carbonate in amount sufficient to make said pulp at least as alkaline as pH 8, and subjecting the alkaline pulp to cationic froth flotation treatment using a frother and as cationic collector a water-soluble form of an aliphatic amine whose aliphatic radical corresponds in length to that of a fatty acid of coconut oil, whereby to obtain a silicious froth product poor in magnetite and an underflow concentrate containing most of the magnetite.

2,450,721
WHEELED SCOOPING DEVICE
Walter H. Ditzler, Columbus, Nebr.
Application December 10, 1946, Serial No. 715,279
5 Claims. (Cl. 37—129)



1. A scooping device of the character described comprising a frame having means to facilitate coupling of the same to the draw bar of a tractor, a transverse axle carried by and extending across the frame and having ends projecting outwardly beyond the sides of said frame, supporting wheels journaled on the projecting ends of the axle, a scoop pivoted above the bottom and near the back thereof on the axle and within the frame for movement between a substantial vertical rearwardly and upwardly swung dumping position and a forwardly inclined forwardly and downwardly swung scooping position, and power means for swinging said scoop to dumping position, said scoop including a substantially segmento-cylindrical back wall and spaced substantially parallel side and intermediate partition walls rigidly joined to said back wall, and a tube extending through and rigidly joined to said side and partition walls, said axle being extended through and freely fitted in said tube.

2,450,722
BRACKET
Miles Drije, Berwyn, Ill.
Application November 3, 1945, Serial No. 626,515
1 Claim. (Cl. 248—300)



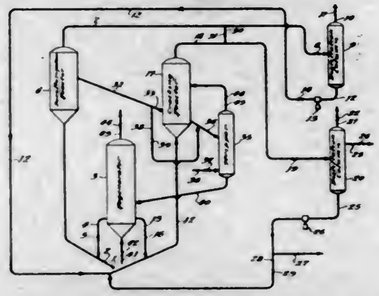
In combination, a cabinet provided with a pair of apertures in two opposite walls, one aperture of each of said pairs of apertures being axially aligned with one aperture of said other pair, a bracket comprising a pair of bars parallel to each other, a pair of studs rigid with each of said bars, the opposite studs of each pair projecting towards each other in axial alignment and spaced to coincide with the lateral spacing between said apertures, one of said bars being resilient, whereby either pair of studs may be positioned in either pair of apertures in order to secure said cabinet to said bracket in either upright or upside down relationship.

2,450,723
BED RAIL BLANK
William R. Elrad, University Heights, Ohio
Application May 8, 1944, Serial No. 534,555
1 Claim. (Cl. 29—190)



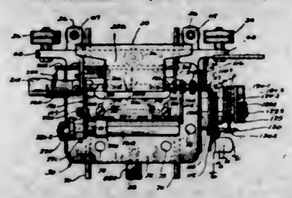
A sheet metal blank for a bedstead bracket consisting of an elongate plane body having top, bottom and end edges, said body having a pair of spaced transverse fold lines extending completely across the blank intermediate said end edges, and said body having a hook-defining portion partially blanked therefrom, said hooked-defining portion having its inner side edge integrally connected to the body and defined by a fold line disposed between said transverse fold lines and terminating spaced from the top and bottom edges of the blank, and said hook defining portion having its opposite outer free side edge terminating between one of said pair of transverse fold lines and one of the end edges of said blank, said blank being adapted to be bent into substantially U-form to provide a pair of spaced side walls and an end wall for engaging the end and side walls of a bedstead rail, and with said hook defining portion being bent outwardly from the end wall at substantially right angles thereof for engagement with a hook receiving portion of a bed end part.

2,450,724
CONVERSION OF SULFUR CONTAINING HYDROCARBONS
Henry W. Grote, Downers Grove, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application December 28, 1946, Serial No. 718,930
4 Claims. (Cl. 196—50)



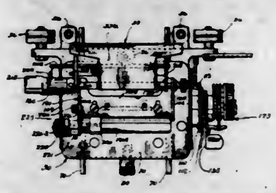
1. A combination desulfurization - cracking process which comprises supplying solid cracking catalyst and a sulfur-containing hydrocarbon to a desulfurization zone at a temperature and pressure and for a time sufficient to effect at least a partial desulfurization of said hydrocarbon, supplying desulfurized hydrocarbon and another portion of the solid cracking catalyst to a cracking zone maintained at cracking conditions; withdrawing catalyst from said desulfurization zone and introducing said withdrawn catalyst into said cracking zone, withdrawing catalyst from said cracking zone and subjecting the latter catalyst to stripping and regeneration, and supplying one portion of regenerated catalyst to desulfurization zone and another portion to the cracking zone as aforesaid.

2,450,725
EMBOSSING MACHINE CARRIAGE
John H. Gruver, East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware
Application November 16, 1946, Serial No. 710,269
19 Claims. (Cl. 197—6.6)



7. In a machine of the character described wherein a work supporting cross slide is mounted on a longitudinally movable character spacing carriage for transverse line spacing movement, spring means urging said cross slide to a predetermined initial position and opposing line spacing movement thereof to other line spacing positions, a line spacing shaft rotatably mounted on said carriage and operatively connected to said cross slide for imparting line spacing movements thereto, means operable through an advancing stroke to actuate said shaft through a line spacing movement and then to release the same for reverse movement, a plurality of locating ratchet wheels fixed to said shaft for rotation therewith, said locating ratchet wheels being respectively formed with differently spaced ratchet teeth thereon, and a normally engaged locating pawl adapted for selective alignment with said locating ratchet wheels and operable to terminate such reverse movement of said shaft in such a manner as to dispose said cross slide in a new line space position determined by the tooth spacing of the aligned ratchet wheel.

2,450,726
MARGIN STOP MECHANISM FOR EMBOSSING MACHINE CARRIAGES
John H. Gruver, East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware
Original application November 16, 1946, Serial No. 710,269. Divided and this application April 9, 1947, Serial No. 740,305
8 Claims. (Cl. 197—6.6)



1. In a machine of the character described wherein a carriage and a cross slide mounted for transverse movement on the carriage are utilized to effect character spacing and line spacing movement of a printing plate, clamping jaws mounted on said cross slide for movement between an operating position and a loading position, and a shiftable stop member supported upon said cross slide adjacent to the location of said jaws when said jaws are disposed in said loading position, said stop member having a plurality of abutment surfaces formed thereon in different positions and adapted to be set by shifting of said stop member for selective engagement by the end of a printing plate as such printing plate is loaded into said jaws to thereby determine the endwise marginal relationship of such printing plate with respect to said jaws.

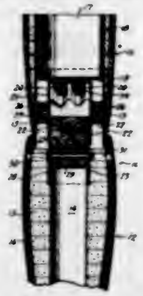
2,450,727
METHOD OF RESILIENTLY MOUNTING A ROLL ON A SHAFT
Fred L. Haushalter, Pontiac, Mich.
Application January 22, 1946, Serial No. 642,684
4 Claims. (Cl. 29—148.4)



1. A method of making a roll comprising binding one end of a resilient tube on a hollow support, binding the other end on a member projecting through the support and tube, forcibly protruding the member farther from the support to elongate the tube and reduce its diameter, tele-

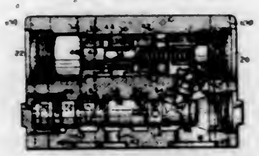
scoping a second resilient tube over the first tube, retracting the member to allow the first tube to expand in diameter to grip the second tube, trimming the first tube to cause its end to be flush with the end of the second tube, and pressing a shaft axially through such mounted first tube until it projects beyond the opposite ends of the tubes, whereby a shaft suitable for mounting in bearings is drivingly connected to the second tube through the intermediacy of the first tube.

2,450,728
LINKAGE FOR ARTIFICIAL LEGS
Glenn G. Havens, San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif., a corporation of Delaware
Application July 26, 1947, Serial No. 763,924
13 Claims. (Cl. 3—2)



4. A linkage for joining one portion of an artificial leg to another portion, said one portion having an end thereof penetrating into the other portion, mounting elements secured to both sides of said one portion where it penetrates into said other portion, mounting elements secured to the interior of said other portion contiguous to the mounting elements on said one portion and discs of resilient material interposed between said pairs of opposed mounting elements and bonded thereto to form connector means adapted to secure said one portion of said leg to said other portion.

2,450,729
POWER TRANSMISSION
Kenneth R. Herman, Franklin, Mich., assignor to Vickers Incorporated, Detroit, Mich., a corporation of Michigan
Application December 21, 1945, Serial No. 636,322
7 Claims. (Cl. 60—52)



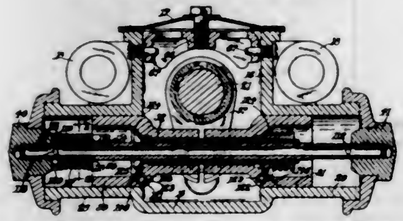
1. A self-contained hydraulic control panel for providing rapid traverse and feed strokes in a hydraulic power transmission, the panel comprising in combination a body having external connections for pressure supply and exhaust and two external motor connections, a reverse valve in the body effective to selectively establish forward and reverse flow paths between the pressure and exhaust connections and the motor connections, and having a substantial range of travel during which flow in one of the paths is adjustably restrictable, a compensating valve also in the body and connected to control flow between the reverse valve and one of the connections, and means for operating the compensating valve in response to the pressure ahead of and beyond the restrictable part of the reverse valve to maintain a substantially constant pressure drop therethrough.

2,450,730
POST AND INSULATOR FOR ELECTRIC FENCES
Guy Hord, Marion, Ohio
Application December 8, 1947, Serial No. 790,315
1 Claim. (Cl. 174—45)



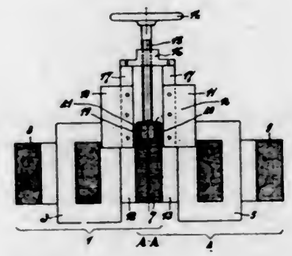
In a fencing apparatus, a rod, an insulating block, a bore in said block having enlargements at each end thereof, an eye bolt in said bore having the enlarged end in one of said recesses and engaging said rod, a threaded plate in the other of said recesses and engaging said bolt, whereby said block may be locked to said rod by manipulation of said block rotatively about said eye bolt, a plate secured to said rod at a position spaced from the lower end thereof for thrusting said rod in the ground by application of a force thereon, and a flat plate having a slot interposed between said rod and said block, the eye of said bolt extending partially through said slot and bearing on opposite sides of said slot.

2,450,731
SHOCK ABSORBER
Ernest William Johnson, Birmingham, England, assignor to Vandervell Products Limited, London, England, a British company
Application March 19, 1946, Serial No. 655,434
In Great Britain March 12, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires March 12, 1965
9 Claims. (Cl. 188—88)



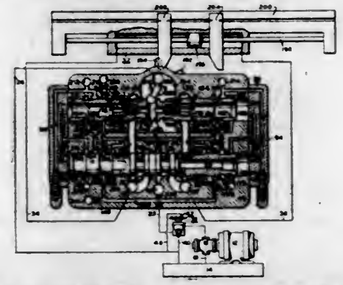
1. In a double-acting shock absorber in which fluid friction is employed for damping, the combination of two main fluid containers at the opposite ends of the shock absorber, a piston reciprocable in said main fluid containers, a hollow metering rod, a casing lying outside the piston and main fluid containers and having an internal wall with fluid-receiving compartments one on each side of the wall, means for connecting said compartments respectively one to each of the main fluid containers, which wall has a perforation through it through which the metering rod reaches so that the opposed surfaces of the perforation and metering rod provide between them a restricted passage connecting the said fluid-receiving compartments, through which passage the fluid is forced by the said piston, and the interior of which metering rod constitutes a by-pass for the said restricted passage, which hollow metering rod is formed with lateral conduits extending through its wall from the interior to the exterior of said rod, and two valves cooperating with said lateral conduits whereby the travel of the fluid through the by-pass to relieve the pressure set up by the flow of fluid through the said restricted passage in both directions is controlled, which valves are appropriated one to each direction of travel of the fluid through the said restricted passage and are both operated by the pressure of the fluid.

2,450,732
MOVABLE MAGNETIC SHUNT TRANSFORMER
Hendrik Abraham Wijnand Klinkhamer, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application May 3, 1946, Serial No. 666,950
In the Netherlands September 17, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires September 17, 1962
3 Claims. (Cl. 171—119)



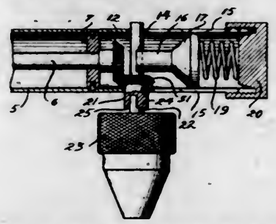
1. A transformer which is controllable by means of movable magnetic shunts comprising two shell transformers in Scott's arrangement, in which the transformer cores are united to form a five-leg core having an unwound middle core and two unwound outer cores, movable magnetic shunts being provided solely in the two windows adjoining the middle core in a direction normal to the lamellation of the core, and a clamping device securing said shunts to said transformer in a vibration-free manner, said clamping device comprising two wedge-shaped members bearing on said shunts, a cuneiform pressing member between said wedge-shaped members, and means to position said cuneiform pressing member between said shunts to clamp said shunts to said transformer.

2,450,733
POWER TRANSMISSION
Albert M. Lane, Kingston V. Kirkpatrick, and Robert A. Erskine, Detroit, Mich., assignors to Vickers Incorporated, Detroit, Mich., a corporation of Michigan
Application December 21, 1945, Serial No. 636,339
19 Claims. (Cl. 60—52)



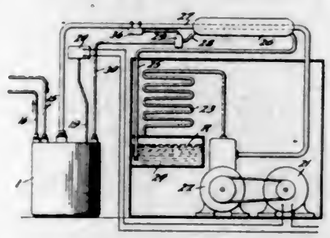
1. In a hydraulic power transmission system having a pump and a fluid motor and supply and return connections for the motor, the combination of a first shiftable valve element, means thereon for controlling the cut-off of return fluid from the motor, a second shiftable valve element, means thereon for controlling the reversal of the supply and return connections to the motor, means operated by the motor for shifting the first element at a controlled speed to an intermediate position, means for shifting the first element rapidly through the remainder of its stroke, means controlled by the first element for initiating a rapid movement of the second element to an intermediate position, and means for causing the shifting of the second element through the remainder of its stroke to take place at a controlled speed.

2,450,734
SCREW DRIVER
Joseph Majeski, Jr., Porter, Ind.
Application August 29, 1946, Serial No. 693,735
3 Claims. (Cl. 74—417)



3. A tool of the class described comprising a shaft housing, a shaft journalled longitudinally therein, said shaft being rotated from one end, longitudinal slots formed in the end of the housing remote from said one and, a transverse shaft journalled in the housing and removable therefrom by way of the slots, said transverse shaft being adapted to be equipped with a tool, means operatively connecting said transverse shaft with said longitudinal shaft, a removable bearing in the housing for the transverse shaft, spring means in the housing maintaining the bearing in engagement with the transverse shaft and supporting the transverse shaft in operative position, a cap threaded on said remote end of the housing and retaining the spring means in assembled relation in the housing.

2,450,735
APPARATUS FOR REFRIGERATION OF LIQUORS
Hylton B. Millet, New Orleans, La.
Application September 3, 1947, Serial No. 771,891
15 Claims. (Cl. 62—7)



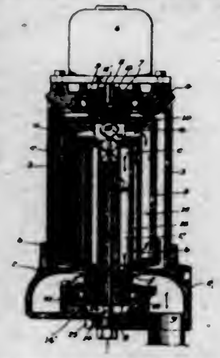
1. In a cooler for liquids, the combination of an outer closed container adapted to receive a refrigerant, means to feed liquid refrigerant thereto, an inner expansion, accumulator, and separator chamber disposed in said container, said chamber being adapted to have a layer of oil on the bottom thereof, means for delivering refrigerant from said outer chamber to said expansion and accumulator chamber, a coil for liquid to be cooled surrounding said accumulator and expansion chamber, a suction pick-up conduit disposed in said expansion and accumulator chamber and extending to a point adjacent the bottom of said inner chamber, suction means for withdrawing gaseous refrigerant carrying entrained oil from the pick-up conduit, means for maintaining a predetermined temperature in any liquid refrigerant fed into said outer container, and means located outside of said outer container for controlling the liquid refrigerating means and arranged to maintain a substantially constant liquid refrigerating level in said outer liquid refrigerant container when the cooler is in use.

2,450,736
BRUSH HOLDER
Charles Howard Pierce, Kalamazoo, Mich.
Application June 10, 1946, Serial No. 675,701
9 Claims. (Cl. 248—112)



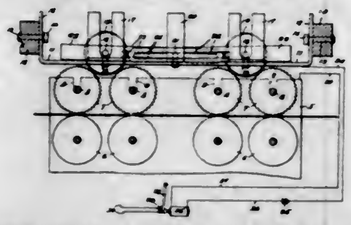
6. A holder for brushes and the like comprising a hanger, and a jaw member formed of a length of wire folded and conformed to provide a hanger embracing loop with arms terminating in individual springable hanger engaging members, said wire extended from said individual hanger engaging members to provide springable arms, the arms terminating in brush receiving jaws.

2,450,737
OIL CENTRIFUGE WITH PLURAL CONCENTRIC SEPARATING ZONES
Bennett C. Rundquist, Cleveland, Ohio, assignor to The National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application February 12, 1943, Serial No. 475,639
20 Claims. (Cl. 233—31)



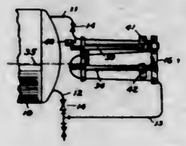
1. A centrifuge comprising a housing-supported casing, a bowl supported in said casing for rotation and having ball-supported tapered spindles, a motor supported by the casing at the top of the bowl for rotating said bowl, said bowl comprising a plurality of cylinder-formed chambers therein, said chambers having communicating ports so located as to pass the fluid from the center of the bowl to the outer chamber and from thence toward the center of rotation through adjacent chambers and throughout the length of all the chambers, the bowl having centrally thereof an inlet at its bottom and also an outlet at its bottom communicating with the innermost chamber.

2,450,738
ROLLER CLEARER STOP MOTION
Marshall E. Russell, Concord, N. C.
Application April 2, 1946, Serial No. 659,087
2 Claims. (Cl. 19—167)



1. The combination with stop motion mechanism of textile drawing frames including a pair of upper and lower draw rolls, one roll of each pair of draw rolls being movable vertically, of a stop motion control mechanism including an attachment frame mounted above the draw rolls adjacent thereto, vertically movable cleaning rolls having shafts mounted within the attachment frame normally contacting with the upper draw roll of each pair of draw rolls removing material therefrom, contact arms having openings adjacent to one of the respective ends thereof in which the shafts of the cleaning rolls are disposed, an electric control circuit connected with the stop motion control mechanism including the attachment frame, contact arms and upper draw rolls, said contact arms having elongated openings, screws extending through the elongated openings and attachment frame pivotally mounting the inner ends of said contact arms on the attachment frame, the free ends of the arms being movable into contact with upper draw rolls upon upward movement of the rolls, completing a circuit operating said stop motion mechanism.

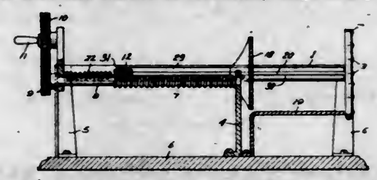
2,450,739
LEVEL RESPONSIVE CONTROL DEVICE
Harold Augustus Schlieder, Erie, Pa., assignor to Northern Equipment Company, Erie, Pa., a corporation of Pennsylvania
Application January 15, 1945, Serial No. 572,957
11 Claims. (Cl. 122—451.1)



8. The combination with a steam generator, a pair of control devices, and mechanism controlled by the control devices, of means for actuating the control devices at pre-determined high and low water levels in the generator, despite wide variations in steam pressure within the generator, said means comprising a tube connected to the steam space of the generator above the high water level point and below the low water level point, the tube being formed to provide three straight horizontally extending portions disposed at different elevations, the top portion being disposed above the high level, the middle portion being disposed at the high level, and the bottom portion at the low level whereby during level fluctuations between the high and low levels the top and middle portion will be filled with steam and the bottom portion with water, means associated with the top and middle portions operable by differential thermal conditions in said portions whereby one of said control devices will be actuated when the middle portion is substantially filled with water at high level, said means being ineffective to actuate said control device due to steam pressure variations resulting in equal thermal change in both said portions, a second means associated with the middle and bottom tube portions operable to actuate the second control device at low level when the bottom portion is drained of water, and said second means being ineffective to actuate the second control device due to steam pressure variations when the bottom tube portion is filled with water.

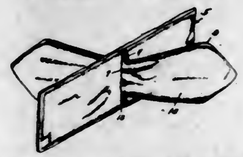
2,450,740
POTATO SLICER HAVING A STATIONARY WIRE GRID AND A RECIPROCATING PLUNGER
William H. Schmitt, Grand Rapids, Mich.
Application November 18, 1946, Serial No. 710,584
1 Claim. (Cl. 146—169)

A device of the character described comprising a substantially rectangular horizontally extending frame having a channel formed in the inner face of each of the longer sides thereof, a vertically extending cutter affixed at one end of the frame, an interrupted rib formed in each of the channels and forming upper and lower portions in each of said channels, a longitudinally extending threaded shaft pivotally and centrally disposed in said frame, a half-nut normally engaging the shaft, an operating handle for the shaft, outwardly extending arms carried by the half-nut, a roller pivotally mounted at the outer end of each arm and normally disposed in the lower portions of the channels, a pusher having an arm at each side thereof, a link interconnecting each of the pusher arms with an arm carried by the half-nut, springs interconnecting the half-nut arms and the frame to normally urge the pusher



away from the cutter, a spring for automatically moving the rollers from the lower portions of the channels to the upper portions thereof through the interrupted ribs when said pusher is adjacent the cutter and gravity-operated means for returning the rollers to the lower portions of the channels when the pusher has been removed away from the cutter by the springs interconnecting the half-nut arms and the frame.

2,450,741
MADE-UP BOW TIE
Adolph Schreter, Baltimore, Md.
Application February 24, 1947, Serial No. 730,315
2 Claims. (Cl. 2—151)

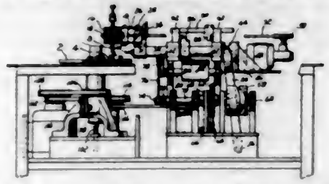


1. A made-up bow tie comprising in combination a pair of cloth wing elements, one of the wing elements having pointed ends, the other wing element having substantially square ends and having a central slot extending transversely thereof in which the wing member having pointed ends is extended, one end thereof overlying a portion of the front surface of the section having the square ends between the slot and one end thereof, the opposite end of the section having the pointed ends overlying the rear surface of the section having the square ends between the slot and opposite end thereof, and a knot-forming strip of material wrapped around the wing elements at the central portion thereof concealing the slot and providing a bow tie.

2,450,742
LAPPING OR POLISHING
Clarence C. Stevens, Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 6, 1943, Serial No. 509,196
7 Claims. (Cl. 51—123)

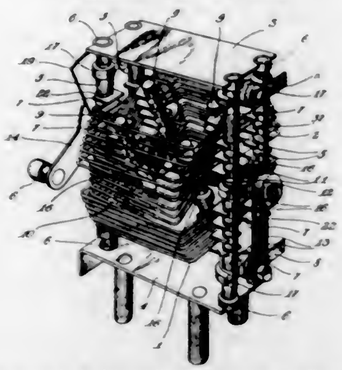
2. In apparatus of the character indicated, a wheel having a flat lapping surface, means for rotating the wheel on its axis, a shaft adjacent to the lapping surface and parallel thereto, a spindle supported by the shaft at a right angle thereto, the spindle and its support having means to hold a work piece in yielding pressure contact with the lapping surface, means for rotating the

spindle on its axis, and means operable during rotation of the spindle for causing a relative rocking



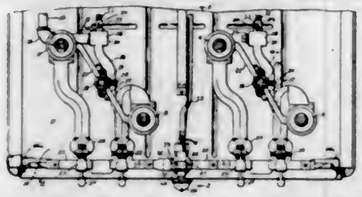
movement between the shaft and the lapping surface on a fixed axis parallel to the lapping surface and extending across it substantially radially.

2,450,743
VARIOMETER WITH AIR DIELECTRIC
Jacob Marinus Unk, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application May 1, 1946, Serial No. 666,271
In the Netherlands July 15, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires July 15, 1961
5 Claims. (Cl. 171—119)



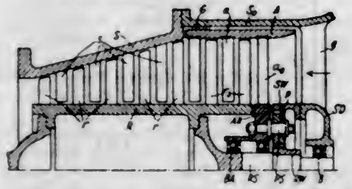
1. A variable inductance of the variometer type comprising an inner and an outer coil, the convolutions of each coil being formed substantially to outline a rectangle with equal lengths between the end portions and with widths between the side portions of progressively varying dimensions in progressively adjacent convolutions, so the side portions of the convolutions lie on the outlining planar locus of a cylinder, the dimensions of the inner coil being sufficiently smaller than the dimensions of the larger coil to permit free rotary movement of the inner coil relative to the outer coil, the convolutions of each coil being separated from each other solely by air as a dielectric and the rigidity of the respective convolutions being sufficient to maintain the cylindrical shape of the two coils, means for supporting the outer coil and consisting of elongated ceramic members disposed substantially perpendicular to the planes of the convolutions, means securing the end portions of each convolution on its outer edges to said ceramic members, elongated ceramic supporting members for the inner coil similarly disposed substantially perpendicular to the planes of the convolutions, and means securing the end portions of each convolution on its inner edges to the ceramic supporting members, means for supporting the ceramic supports for the outer coil, means on those outer coil ceramic supports constituting a bearing at each end of the outer coil, and shaft ends secured to the ceramic supports of the inner coil and fitting in the bearings supported on the outer ceramic supports, and serving to support the inner coil for rotation in those bearings.

2,450,744
GAS SUPPLY MANIFOLD ASSEMBLY FOR GAS RANGES
Grover F. Whitehead, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a corporation of Illinois
Application June 10, 1942, Serial No. 446,488
11 Claims. (Cl. 126—39)



1. A gas stove comprising in combination with a cooking top and burners therefor having mixing tubes, two T-shaped manifolds for supplying gas to said burners suitably supported under the cooking top in a substantially horizontal plane, the cross-portions of the T's being disposed in longitudinal alignment and with their end portions overlapping and adjustably connected for free passage of gas from one manifold to the other, gas discharge cocks on said cross-portions detachably connected with the mixing tubes of said cooking top burners, and a combination lighter and burner support of spider form and having a central body portion mounted by said central body portion on the leg portion of each of said manifolds, each including a pilot burner in the central body portion supplied with gas from the associated leg portion, each lighter and burner support having arms extending from the central body portion serving to support the burners associated therewith at a predetermined elevation with reference to the cooking top.

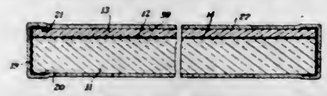
2,450,745
AXIAL FLOW COMPRESSOR
Karl Baumann, Mere, Knutsford, England, assignor to Metropolitan-Vickers Electrical Company Limited, London, England, a company of Great Britain
Application April 6, 1944, Serial No. 529,802
In Great Britain November 12, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires November 12, 1962
8 Claims. (Cl. 230—114)



1. A multi-stage axial-flow compressor comprising a stationary casing carrying a row of blades and having an inlet at one end for the admission of fluid, a main rotor housed within the casing and carrying a row of blades for co-

operating with the stationary blades to increase the pressure of fluid admitted at the inlet end of the casing, an auxiliary rotor housed within the casing at the inlet thereof at which fluid is admitted and carrying a row of blades positioned in advance of said row of blades on the main rotor, and differential mechanism comprising two sun wheels and a planet wheel intermeshing with said sun wheels whereof one sun wheel is attached to, for rotation with, the main rotor, while the planet wheel is rotatably mounted on the auxiliary rotor, and means for restraining the other sun wheel against rotation.

2,450,746
SAFELIGHT FILTER
Lester E. Bliss, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application April 4, 1946, Serial No. 659,569
2 Claims. (Cl. 88—109)

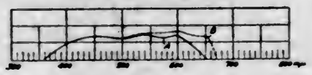


2. A safelight filter comprising, a base member of rigid transparent material, a dyed gelatin layer on one surface of said base member, a layer of opaque lacquer completely covering all edges of said base member and said layer to afford an edge light-lock for said filter, and a clear gel-lacquer coating completely encasing said base member and said layers.

2,450,747
PHOTOGRAPHIC EMULSION CONTAINING NITRANILINE SULFONIC ACIDS
Burt H. Carroll, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application February 7, 1946, Serial No. 646,205. In Great Britain February 9, 1945
4 Claims. (Cl. 95—7)

1. A light sensitive silver halide emulsion layer diffusely containing a nitraniline selected from the group consisting of at least one of the sulphonic acids of o-nitraniline and p-nitraniline and their water-soluble salts, which does not sensitize the emulsion and for all practical purposes has no deleterious action on the emulsion but has a light absorption maximum lying between 350 and 400 millimicrons.

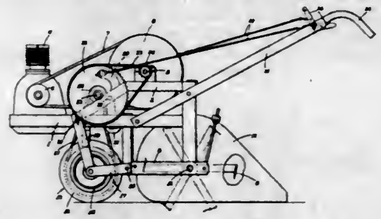
2,450,748
PHOTOGRAPHIC SILVER HALIDE EMULSION SUPERSENSITIZED WITH A C-ACYLOXY QUINOLINE BASE
Burt H. Carroll and John Spence, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application April 20, 1946, Serial No. 663,762
9 Claims. (Cl. 95—7)



A = 3,3'- diethyl-9- methylselenacarbocyanine bromide
B = 3,3'- diethyl-9 methylselenacarbocyanine bromide plus 6- acetoxyquinoline

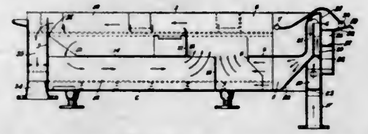
1. A photographic silver halide emulsion selected from the group consisting of silver chlorobromide, silver bromide and silver bromiodide emulsions spectrally sensitized with a sensitizing cyanine dye containing, as a supersensitizer, a quinoline base containing an acyloxy group attached to a carbon atom of the quinoline base.

2,450,749
GARDEN TRACTOR
Donald H. Clark, Stockton, Calif.
Application October 9, 1944, Serial No. 557,867
5 Claims. (Cl. 180—17)



3. A tractor comprising a frame and a ground engaging supporting and propelling means, such latter means including a supporting wheel unit which consists of a pair of wheels, means for suspending said wheels from the frame and for rotation relative thereto, a tire on each wheel, the wheels being relatively closely spaced apart and adjacent side walls of the tires sloping divergently in the direction of their ground engaging tread to form a channel defined by said sloping side walls, a rotatable cross shaft journaled on the frame in substantial parallelism with the axis of the wheel unit, a pulley on the shaft in substantial alinement with said channel, an endless friction type drive belt encompassing the pulley and channel and operable to be brought into frictional driving relation with the diverging walls of the channel, and means on the tractor to drive the shaft.

2,450,750
SPINNING BATH TANK
Robert Hème de Lacotte and Eugène Colombu, Paris, France, assignors to Comptoir Des Textiles Artificiels, a corporation of France
Application June 2, 1947, Serial No. 751,950
In France May 22, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires May 22, 1965
6 Claims. (Cl. 18—8)



1. A spinning bath tank comprising a horizontal partition dividing the rear portion of said tank into an upper rear compartment and a lower rear compartment communicating at their forward ends, spinnerettes disposed in said upper rear compartment, means to supply fresh spinning bath to said lower rear compartment, a second horizontal partition disposed at approximately the same level as the first-named horizontal partition dividing said tank into an upper forward compartment and a lower forward compartment, said second horizontal partition having an opening at its forward end whereby said upper and lower forward compartments communicate with each other, a vertical partition

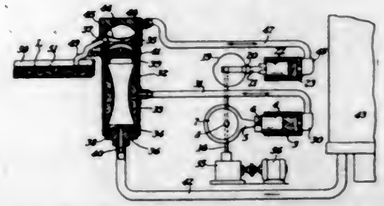
cooperating with said second horizontal partition and spaced forwardly of said upper rear compartment, said vertical partition terminating at its top below the path of travel of the filaments extruded from said spinnerettes, and a second vertical partition separating the two lower compartments, said second vertical partition being spaced from said second horizontal partition to provide an outlet therebetween.

2,450,751

CONSTANT FLOW PUMP

Calvin A. Elwood, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 7, 1946, Serial No. 652,508
8 Claims. (Cl. 103—44)



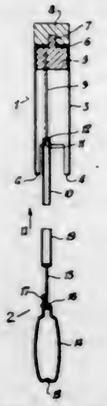
1. A hydraulically driven pump, comprising, in combination, a flexible suction chamber, a hollow pulsating chamber carrying the suction chamber, inlet and outlet means leading to and from the flexible suction chamber, a flow chamber at the outlet end communicating with the outlet means of the suction chamber, a delivery pipe leading from the flow chamber, a flexible wall in the flow chamber, pistons and cylinders for moving a pulsating fluid to and from the pulsating chamber to exert pressure upon the flexible suction chamber and to and from the flow chamber to exert pressure on the flexible wall in the flow chamber, and means for correlating the respective strokes of the pistons to deliver a constant even flow of fluid through the delivery pipe.

2,450,752

CURLER

Joseph Keith O'Moore Farrell, London, England

Application January 18, 1946, Serial No. 641,996
In Great Britain January 29, 1945
9 Claims. (Cl. 132—34)



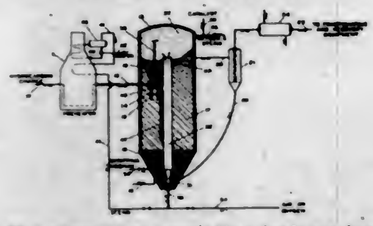
4. A curler comprising a cylindrical tube, said tube being cut away at one end to form open jaws, a member rotatably mounted in the other end of said tube, said rotatable member carrying a spigot projecting from the tube, a knob fixed to said spigot whereby said member can be rotated, a rod eccentrically mounted in the rotatable member and extending through the cylindrical tube, a tubular member slidable along the rod, a clip comprising a pin, a clamping member and means for maintaining said pin and said clamp in co-operative gripping relationship and a tube fixed to the end of said pin adapted to engage the tube carried by the rod in the cylindrical tube to detachably connect the tube and clip.

2,450,753

APPARATUS AND PROCESS FOR HYDROCARBON CONVERSION

Jesse A. Guyer, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware

Application August 29, 1947, Serial No. 771,331
11 Claims. (Cl. 196—52)



3. The process of converting hydrocarbon oils which comprises introducing the vapors thereof into a constricted area of a tubular passageway connecting an elongated reaction zone with an elongated regeneration zone, drawing hydrocarbon conversion catalyst and regeneration effluent gases from said regeneration zone into said reaction zone through said passageway with said hydrocarbon vapor, thoroughly mixing said vapors with said regeneration gases and said catalyst, separating in the reaction zone said catalyst from a mixture of conversion products and said regeneration effluent gases, separating said mixture into fixed gases and hydrocarbon fractions, regenerating said catalyst by passing it in fluid suspension through a regeneration zone, introducing an oxidizing regeneration gas into said regeneration ozone, oxidizing and removing carbonaceous deposits from said catalyst, and drawing said regenerated catalyst and regeneration effluent gases at regeneration temperatures into said reaction zone with said hydrocarbon vapors.

2,450,754

PROCESS FOR PREPARING ENOL ACETATES OF ALPHA-DIKETONES

Hugh J. Hagemeyer, Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application October 24, 1946, Serial No. 705,479
7 Claims. (Cl. 260—491)

1. A process for preparing enol acetates comprising condensing, in the presence of an acid catalyst, isopropenyl acetate with a compound selected from the group consisting of the α-diketones represented by the following general formula:

$$R{-}CH_2{-}\overset{O}{\overset{\|}{C}}{-}\overset{O}{\overset{\|}{C}}{-}R_1$$

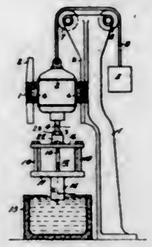
wherein R represents a member selected from the group consisting of a hydrogen atom and an alkyl group containing from 1 to 3 carbon atoms, and R_1 represents a member selected from the group consisting of a primary alkyl group containing from 1 to 4 carbon atoms and an isopropyl group.

2,450,755

METHOD OF CENTRIFUGAL CASTING

Arthur K. Higgins, Waukesha, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application June 10, 1944, Serial No. 539,636
6 Claims. (Cl. 22—200.5)



1. A method of introducing molten metal into a mold having a spout projecting therefrom and communicating with an interior cavity which comprises providing a body of molten metal, establishing a superposed relation of the mold relative to the body of molten- metal with the lower end of the spout extending beneath the surface of said metal, and causing the molten metal entering the lower end of said spout to rotate therein with sufficient speed to move upward therethrough and into the mold cavity substantially entirely through the effect of said rotation of the molten metal and in sufficient quantity to fill the cavity to the extent required to form the article to be molded.

2,450,756

AIR-BLOWN ASPHALT AND CATALYTIC PREPARATION THEREOF

Arnold John Holberg, El Dorado, Ark., assignor to Lion Oil Company, a corporation of Delaware

No Drawing. Application April 30, 1945, Serial No. 591,235
8 Claims. (Cl. 196—74)

1. A process for producing blown asphalts which comprises air-blowing a high molecular weight petroleum hydrocarbon in the presence of a phosphorus catalyst which is stable at the temperature required in the process said catalyst being selected from a group consisting of phosphorus pentoxide, stable phosphorus sulfides and red phosphorus.

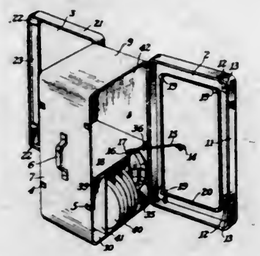
7. An air-blown asphalt produced by air-blowing a high molecular weight hydrocarbon in the presence of a phosphorus catalyst selected from a group consisting of phosphorus pentoxide, stable phosphorus sulphides and red phosphorus, said air-blown asphalt in its final form containing the phosphorus catalyst and being characterized by relatively low susceptibility to temperature change and by relatively high viscosity at elevated temperatures as compared with asphalts produced by an air-blowing process carried out under the same conditions but not including the use of said phosphorus catalyst.

2,450,757

COMBINED CARRYING CASE AND PROJECTION UNIT

Miller R. Hutchison, Jr., Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application March 27, 1945, Serial No. 585,067
6 Claims. (Cl. 88—24)



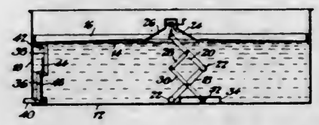
1. A photographic projection unit, comprising in combination, a carrying case including top, bottom and side walls, end walls hingedly attached to the carrying case forming a pair of oppositely disposed doors, means for holding the doors open and in substantially parallel relationship, a roller screen attached to one door near an outer edge thereof, and a fastening device attached to an outer edge of the opposite door, and means carried by the roll screen for attaching an edge of the screen to the fastening device to stretch the screen taut across the carrying case and opened doors.

2,450,758

FLOATING ROOF TANK AND PIPING THEREFOR

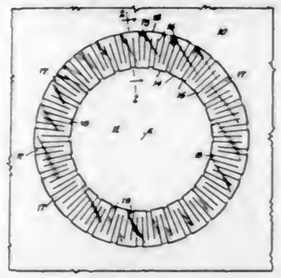
Wilbur G. Laird, Pleasantville, N. Y.

Application June 15, 1944, Serial No. 540,503
6 Claims. (Cl. 220—26)



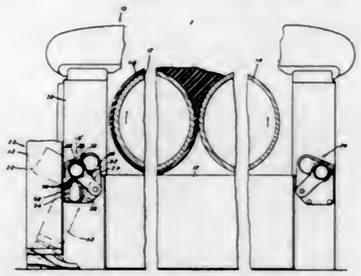
1. In a liquid storage apparatus including a tank, an improved piping arrangement therefor comprising a vertically-foldable zig-zag swivel-jointed pipe line vertically mounted in said tank, said line comprising an even number of rigid pipe sections of substantially equal length interconnected by swivel joints and connected to a fixed outlet pipe from said tank by a swivel joint, a plurality of interconnected rigid links pivotally connected end to end and to the midpoints of each pipe section, a terminal link of said plurality of links pivoted at its mid-point to the pipe section connected to the outlet pipe and having a free end held in horizontal straight line sliding engagement with a portion of said tank near said fixed outlet pipe, the other terminal link being about one half the length of a pipe section and having one end pivoted to a pipe section, said links being connected with each other and with said pipe sections in a parallelogram arranged so as to control the folding and unfolding action of said sections.

2,450,759
DISPLAY DEVICE
Wilson Stuart Leech, Chappaqua, N. Y.
Application January 4, 1947, Serial No. 720,185
2 Claims. (Cl. 41—10)



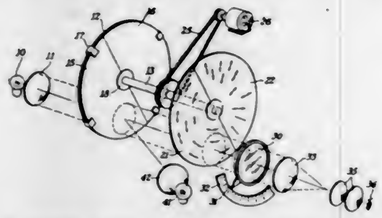
1. A display device which comprises a sheet of material, a series of spaced circumferential cuts formed in the sheet, a second series of spaced circumferential cuts disposed within the first series, the cuts of the second series being staggered with respect to those of the first, and a series of radial cuts of equal length extending from the ends of each circumferential cut in one series toward the series of circumferential cuts in the other series.

2,450,760
SAFETY DEVICE FOR RUBBER MILLS
Joseph E. Lodge, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application November 19, 1946, Serial No. 710,785
5 Claims. (Cl. 18—2)



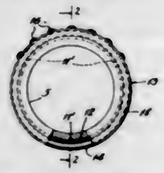
3. In a rubber mill including a pair of mill rolls mounted at the same predetermined level, said level being such that the centerlines of the rolls are above the knees of an operator of the mill and means including an electric motor for rotating the rolls in inrunning directions, a safety device which comprises a pair of arms pivotally mounted at opposite ends of one of the mill rolls, a bar carried by the free ends of the arms, means for normally supporting the bar in a position in front of and slightly above the normal paths of movement of the knees of an operator so that the bar is struck when the operator crouches to tug himself free from the mill, said rod-supporting means serving to permit the bar to be moved upwardly and toward the last-mentioned roll when struck, a limit switch for stopping the electric motor, and an actuator movable by the bar for actuating the limit switch when the bar is moved upwardly and toward the last-mentioned roll, said bar-supporting means serving to normally hold the bar sufficiently far from the last-mentioned roll to permit a batch of material to be moved between the last-mentioned roll and the bar without contact therewith from a position below the mill rolls.

2,450,761
FLICKER PHOTOMETERS, PARTICULARLY FOR MEASURING THE CONTRAST OF A LENS
Stephen M. MacNeille, Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application June 9, 1945, Serial No. 598,451
11 Claims. (Cl. 88—14)



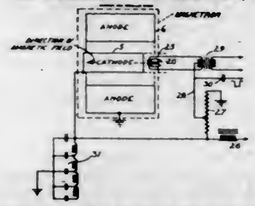
1. A flicker photometer comprising means including a light source for forming a beam of light involving a factor to be measured, means for alternating the intensity of said beam, two polarizing filters alternately positionable in the beam with their vibration axes mutually at right angles when in the beam, means for alternately and synchronously with the alternation of the intensity produced by the beam forming means, positioning the two filters in the alternating beam, a plane polarizing filter mounted for rotary adjustment in the beam and coacting with said two polarizing filters to vary the ratio of the alternating intensities of the beam transmitted by said two filters, means for detecting flicker when the intensities are different and means for indicating the adjustment of the plane polarizing filter.

2,450,762
RING
Clinton E. Marshall, Bronx, N. Y.
Application June 20, 1945, Serial No. 600,465
8 Claims. (Cl. 63—15)



1. In a wedding ring structure, an inner circumferentially continuous main ring member, an outer circumferential continuous characterized ring member and interengaging means on said members for retaining the same against accidental displacement while permitting forcible separation one from the other, said last named means comprising a groove portion on the main ring member inwardly of side edges thereof, and circumferentially spaced yieldable portions on the other member within side edges thereof adapted to enter the groove portion of the main ring member.

2,450,763
ULTRA HIGH FREQUENCY GENERATOR VACUUM TUBE AND CATHODE STRUCTURE THEREFOR
John W. McNall, East Orange, N. J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy
Application July 3, 1943, Serial No. 493,444
18 Claims. (Cl. 250—36)



7. A circuit for producing intermittent pulses of ultra-high-frequency oscillations including a magnetron tube having an annular multicavity anode and a compound cathode comprising a secondarily emissive cathode and a relatively small thermionic auxiliary emitter, means for preventing thermionic emission of said emitter from exciting said tube in the absence of a trigger pulse applied to said circuit, a reactive pulse-forming network adapted to discharge upon initiation of oscillations in said tube by emission from said auxiliary emitter with the formation of a substantially rectangular electrical pulse, means including a source of high voltage for impressing a relatively high potential between said cathode and said anode and for charging said reactive pulse-forming network, and current limiting means connected in series with said source of high voltage adapted to permit the discharge of said network as aforesaid and to reduce the said voltage between said anode and said cathode at the end of such discharge to a value low enough to interrupt oscillations of said tube.

2,450,764
ISOMERIZATION OF HYDROCARBONS AND IMPROVED CATALYSTS THEREFOR
Charles O. Meyers, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
No Drawing. Application January 1, 1944, Serial No. 516,708
27 Claims. (Cl. 260—683.4)

1. A process for the conversion of normal butane to isobutane which comprises passing a gaseous stream containing normal butane and catalyst-activating amounts of hydrogen chloride through a bed of solid anhydrous aluminum chloride at isomerization conditions of temperature and pressure whereby isobutane is produced and aluminum chloride vapors are incorporated in said stream, and passing the resulting stream through a bed of activated wood charcoal prepared as described below, at isomerization conditions of temperature and pressure whereby aluminum chloride from said stream becomes incorporated in said bed and further amounts of isobutane are produced, said charcoal having been prepared by heating activated wood charcoal to a temperature of at least about 1500° F., and then incorporating water therewith in a controlled amount up to about five weight per cent by passage of superheated steam therethrough immediately prior to passage therethrough of the aforesaid stream containing aluminum chloride vapors.

15. A catalyst useful in effecting organic conversions prepared by subjecting an adsorbent carbonaceous material to elevated temperatures under conditions such that substantially no water may be removed by heating to higher temperatures, contacting thus-dried material with water under conditions to provide said material with a small but substantial and controlled content of water below about 5 weight per cent, and incorporating with the thus-hydrated material catalytically effective amounts of an anhydrous Friedel-Crafts type metal halide.

2,450,765
CYCLOHEXYLCARBINYL THIOCYANO ESTERS
Rupert C. Morris, Berkeley, Alva V. Snider, Richmond, and Paul H. Williams, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 7, 1944, Serial No. 543,959
9 Claims. (Cl. 167—30)

3. The 1-alkyl cyclohexylcarbinyl esters of the thiocyano-substituted aliphatic acids.

2,450,766
ALUMINUM OXIDE COMPOSITIONS
Alan C. Nixon and Orris L. Davis, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application May 26, 1947, Serial No. 750,642
3 Claims. (Cl. 252—436)

1. An aluminum oxide which has been sulfamic treated for a period of time sufficient to give a product which after calcining at 300° C. to 600° C. contains less than 0.2% sodium.

2,450,767
VAT DYEING OF ALKALI-SENSITIVE FIBERS, INCLUDING AN ACID REDUCTION OF THE VAT DYE IMPREGNATED FIBERS
George K. Piotica, Medford, Mass., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York
No Drawing. Application March 30, 1944, Serial No. 528,742
12 Claims. (Cl. 8—36)

1. A method of dyeing organic textile fibers sensitive to alkalies, with a vat dyestuff which is reducible under acid conditions, which comprises impregnating a mass of the fibers with the vat dyestuff in unreduced form, reducing the vat dyestuff in contact with the fiber in an acid medium having an acidity of less than pH 1, and then oxidizing the reduced vat dyestuff on the fiber to the unreduced form.

2,450,768
NONSKID ATTACHMENT FOR SHOES
Harold M. Pulver, Douglass, Kans., assignor of fifty per cent to Robert Bradshaw, Wichita, Kans.
Application December 20, 1946, Serial No. 717,476
3 Claims. (Cl. 36—7.6)



3. A non-skid safety attachment for shoes, comprising a side frame of U-shaped form, said frame being formed of rigid wire with loops

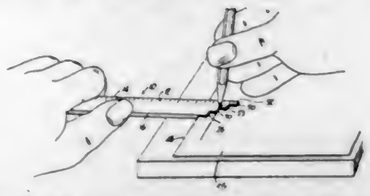
formed at the rear, sides and free end of the same, a wire side bar hinged to each end of the frame and loops thereof, each side bar having loop eyes thereon, transverse non-skid elements connecting said side bars to each other to provide a safety non-skid tread under the sole of the shoe, a non-skid tread chain connected with the sides of the frame and the rear part thereof to provide a non-skid tread for the heel of the shoe, and means for attaching the side frame to the shoe of the wearer.

2,450,769

PATTERN GRADING RULER

Benjamin Rothblum, New York, N. Y.

Application January 17, 1944, Serial No. 518,554
7 Claims. (Cl. 33—42)



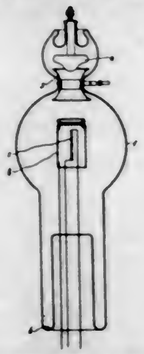
5. A grading ruler comprising a substantially straight-edged, flat-faced member, the member being graduated along one of its faces in units of a system of measurement, the member at one end being indented at a plurality of different positions, each of the indentations having an accompanying ridge so that the ridges are spaced at the same intervals as the indentations, the indentations being positioned to form a plurality of steps at equal intervals each equivalent to the extent of one of the units of measurement, and the graduations of the member then following seriatim along the flat face and away from the location of the indentations and the ridges.

2,450,770

HIGH-VOLTAGE RECTIFYING TUBE

Marcus Jan Snijders, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee

Application January 11, 1947, Serial No. 721,647
In the Netherlands November 14, 1945
Section 1, Public Law 690, August 8, 1946
3 Claims. (Cl. 250—27.5)



2. A high-voltage rectifying tube, comprising a sealed envelope containing an atmosphere of mercury vapour, and a cathode of tungsten-thorium wire carbonized to an extent within about 30% of its cross-sectional area.

2,450,771

PLASTIC SULFUR VULCANIZING AGENT, METHOD FOR ITS UTILIZATION AND VULCANIZABLE COMPOSITIONS CONTAINING THE SAME

William E. Vaughan, Berkeley, and Benjamin Barnett, San Francisco, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application March 6, 1944, Serial No. 525,306
11 Claims. (Cl. 260—79)

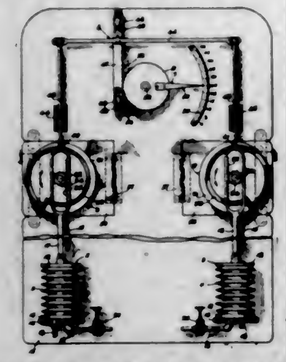
7. A vulcanizable composition comprising a vulcanizable organic plastic substance containing unsaturated carbon to carbon bonds and a vulcanizing agent which is a stable plastic sulfur composition produced by subjecting a mixture comprising a compound selected from the group consisting of hydrocarbons and partially halogenated hydrocarbons, oxygen and a compound selected from the group consisting of hydrogen sulfide and mercaptans to the action of an elevated temperature above 250° C. and below that temperature at which spontaneous combustion of the mixture occurs.

2,450,772

MEASURING APPARATUS RESPONSIVE TO VARIABLE CONDITIONS

John E. Watkins, Maywood, Ill.

Application February 14, 1945, Serial No. 577,862
5 Claims. (Cl. 73—407)



2. Apparatus for indicating the value of a pressure condition having a predetermined relationship to two independently variable pressure conditions comprising, in combination, a pair of pressure responsive devices adapted to respond independently to variations in the respective variable pressure conditions, each of said devices including an element movable in accordance with the variations in the pressure condition to which it is responsive, indicating means including an elongated pointer pivoted adjacent one end to sweep over a graduated scale, a linkage connecting said elements with said pointer including a shiftable member having a rack and pinion connection with the pointer, a lever pivoted intermediate its ends on said member, a cam follower connected with each end of said lever, a pair of rotatably supported cams positioned for coaction with said followers, and rack and pinion means connecting said elements with said cams whereby the cams are rotated in response to the movements of said elements, said cams being shaped so that said pointer is positioned relative to said scale in accordance with the value of the pressure condition having a predetermined relationship to said independently variable pressure conditions.

2,450,773

DYEING OF WOOL WITH INDIGO DYESTUFFS

Edward Weber, Winchester, Mass., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York

No Drawing. Application March 30, 1944, Serial No. 528,772
5 Claims. (Cl. 8—36)

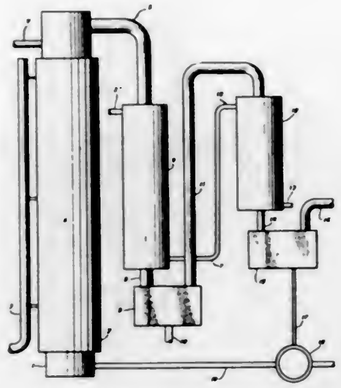
1. In the dyeing of wool with an indigo by treating the wool with a dye liquor comprising an indigo in the leuco form, sodium hydrosulfite and ammonium hydroxide, the improvement which comprises exhausting the dye liquor by adding thereto an alkali-metal salt selected from the group consisting of the neutral alkali-metal sulfates and the alkali-metal chlorides.

2,450,774

METHOD FOR THE EVAPORATION AND CONCENTRATION OF LIQUIDS

George G. Zahm, Buffalo, N. Y., assignor to Hurd Corporation, New York, N. Y., a corporation of Delaware

Application August 12, 1943, Serial No. 498,360
3 Claims. (Cl. 99—205)



1. The method of concentrating liquid food products such as fruit juices, beverages, extracts and infusions, which method comprises rapidly flowing the liquid food product in a thin film over a heat exchange surface under high vacuum and thereby separating said liquid food product into a concentrate portion and a vapor portion containing volatile flavor producing ingredients, passing said vapor portion directly into a first condenser without breaking the vacuum and thereby initially reducing the water content of the vapor portion without materially condensing the flavor-producing constituents, passing the residual vapors directly into a surface condenser without breaking the vacuum and thereby finally condensing substantially all of the residual vapors to form a concentrated liquid fraction containing the flavor producing constituents, and reintroducing said liquid fraction into the concentrate portion thereby restoring to such concentrate portion the flavor producing ingredients originally therein present.

2,450,775

METHOD OF CONCENTRATING HIGHLY COLLOIDAL FOOD PRODUCTS

George G. Zahm, Buffalo, N. Y., assignor to Hurd Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application July 20, 1945, Serial No. 606,267
4 Claims. (Cl. 99—210)

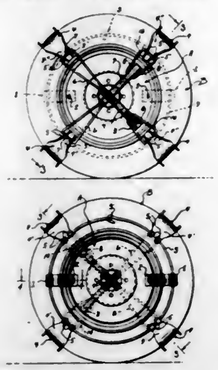
1. The process of concentrating eggs in the liquid phase which comprises breaking and thoroughly mixing whole fresh eggs to form a substantially uniform liquid, and passing such liquid vertically through an evacuated chamber at a relatively high rate of speed and in a relatively thin continuous film while subjecting it to mechanically applied pressure.

2,450,776

TRACTION SHOE ATTACHMENT FOR WHEELS

Charles J. Achenbach, Manitowoc, Wis.

Application January 16, 1948, Serial No. 2,686
1 Claim. (Cl. 152—228)



In a wheel having a pneumatic tire mounted thereon a pair of traction shoes fitted over the tire having depending stirrup ends secured to the wheel, a cinch bar for the pair of shoes, comprising a wire strand folded upon itself to form a link at one end and a pair of pivot toes at the other end, a latch lever pivotally mounted upon the toes, and a wire link pivoted to the latch lever, the ends of the cinch bar being adapted to frictionally confine the tractor shoes upon a tire.

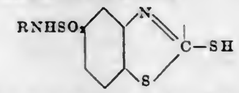
2,450,777

SULFAMYL-2-MERCAPTOBENZOTHIAZOLES

Charles F. H. Allen, Rochester, N. Y., and Alan Bell, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application April 20, 1944, Serial No. 531,979
1 Claim. (Cl. 260—306)

A 5-arylsulfamyl-2-mercapto-benzothiazole, having the structural formula

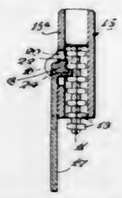


in which R is a substituted phenyl group selected from the class consisting of 4-chlorophenyl, 4-acetaminophenyl, 4-aminophenyl, 2-hydroxyphenyl, and 2-hydroxy-4-methylphenyl.

2,450,778
SOLDER
Henri M. Boonen, Houma, La., assignor of one-half to Thomas J. Melancon, Houma, La.
No Drawing. Application February 11, 1946, Serial No. 646,957
1 Claim. (Cl. 75—134)

A solder for aluminum and kindred metals consisting only of the following ingredients in substantially the proportions stated: manganese 20%; aluminum (pure) 20%; magnesium 15%; copper 5%; bismuth (metallic) 5%; zinc 20%; and tin 15%.

2,450,779
SLIDE FASTENER
Lawrence Brozek, Jackson Heights, N. Y., assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y., a corporation of New York
Application October 28, 1944, Serial No. 560,849
6 Claims. (Cl. 24—205.14)



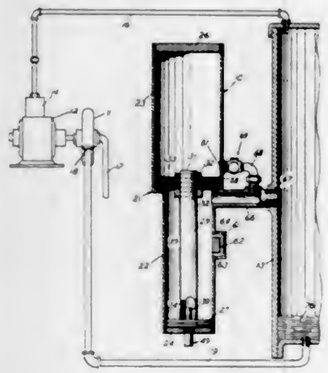
1. A locking slider for slide fasteners comprising a slider for engaging and disengaging the fastener elements, a tab hingedly secured to the upper wing of the slider, the upper wing having a slot therethrough and the tab carrying an angular part providing a pin-lock assembly adapted to be projected through the slot into the slider body upon movement of the tab from raised to locking position, said assembly comprising a leading control pin and a rearward locking pin, said pins being spaced a distance which is slightly greater than the width of the fastener elements, the locking pin having length such that it is adapted in its locking position to project a substantial distance into the space between any two fastener elements disposed in the slider, the control pin being shorter than the locking pin by an amount enabling it, upon engaging a fastener element disposed in obstructing relation to its movement into the slider body, to displace and clear said element and allow the locking pin to move into the space between said element and the next following element.

2,450,780
ELECTRODE MOUNTING MEANS FOR MERCURY SWITCHES AND RELAYS
Herbert E. Bucklen, III, Elkhart, Ind., assignor to Durakool, Inc., Elkhart, Ind., a corporation of Indiana
Application February 15, 1946, Serial No. 647,867
8 Claims. (Cl. 200—152)



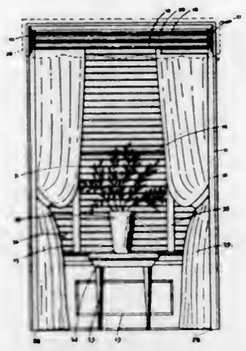
1. In a mercury switch or relay, the combination of a tubular metal casing for containing a body of mercury, a metal sleeve having a radially outwardly extending flange at one end, an electrode embedded in insulated gas-tight relation in a glass bead fused in said sleeve and adapted to be supported by said sleeve to extend inwardly of one end of said casing, an internal annular shoulder adjacent said one end of said casing providing a seat for the radial flange of said sleeve, and an annular resilient sealing member disposed about said sleeve between the flange thereof and said one end of said casing, said resilient sealing member being adapted to be held under compression against the flange of said sleeve in sealing engagement therewith and with the inner surface of said casing adjacent said one end by turning in thereof into engagement with said resilient sealing member, and said glass bead serving to prevent substantial transmission of heat from said electrode to said resilient sealing member developed by the making and breaking of contact of the body of mercury in said casing with said electrode.

2,450,781
AIR PRESSURE WATER SYSTEM
Swan Oscar Carlson, Paton, Iowa
Application January 19, 1946, Serial No. 642,335
5 Claims. (Cl. 230—52)



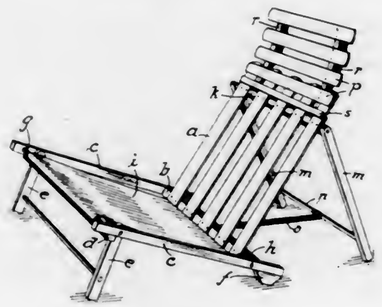
1. In an air pressure water supply system including a pressure tank, an air feed device for said tank comprising a cylinder formed with a pair of coaxial cylinder portions of different diameters, and open at their inner ends, a pair of pistons for said two cylinder portions, a hollow rod connected between said two pistons with its ends open to the outer ends of said two cylinder portions, a first fluid conduit connected with said cylinder between said two pistons and with said pressure tank, a second fluid conduit connected between said first conduit and one of said cylinder portions, a check valve in said second conduit providing for a fluid flow from said one cylinder portion to said first conduit, a second check valve in the end of said rod which is open to the second one of said cylinder portions, providing for a fluid flow into said rod, an air admission check valve in the outer end of said second cylinder portion, and a by-pass conduit having opposite ends thereof open to said second cylinder portion at axially spaced positions thereon, with said pistons being movable together in response to pressure changes in said pressure tank.

2,450,782
BLINDLIKE SHADE
Angelo Cascia, Bronx, N. Y.
Application November 23, 1944, Serial No. 564,780
19 Claims. (Cl. 160—120)



2. A transparent shade disposable over a window and provided with vertical stripes to simulate tapes of a Venetian blind, and with narrow horizontal stripes to simulate the edge faces of Venetian blind slats; the part of the intermediate shade away from the stripes being clearly transparent.

2,450,783
COMBINATION HEADREST AND BACKREST IN A BEACH OR LAWN CHAIR
Henry Hill Collins, Bryn Mawr, Pa.
Application June 6, 1945, Serial No. 597,867
6 Claims. (Cl. 155—173)

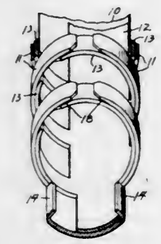


1. A chair comprising a back-rest the back-rest comprising upwardly extending spaced-apart slats, and a separate head-rest; the head-rest comprising side members and a pair of cross-bars extending between and on opposite sides of the side members, the head rest being adapted to engage the back-rest by positioning the cross-bars on opposite sides of the back-rest slats and sliding the head-rest downward, stop means on the back-rest and the head-rest for limiting the downward movement of the head-rest and means above the cross-bar adapted to engage the back-rest slats.

2,450,784
RESOLUTION OF N-FORMYLISOPROPYLIDENEPENICILLAMINE
Walter Mark Duffin, Dartford, and Samuel Wilkinson, Beckenham, England, assignors to Therapeutic Research Corporation of Great Britain Limited, London, England, a corporation of Great Britain
No Drawing. Application June 9, 1945, Serial No. 598,652. In Great Britain June 19, 1944
6 Claims. (Cl. 260—534)

1. A method of preparting optically active penicillamine which comprises formylating dl-isopropylidenepenicillamine to produce N-formyl-isopropylidenepenicillamine, reacting this substance with an optically active alkaloid which forms the optical isomers of N-formyl-isopropylidenepenicillamine crystalline compounds of different solubility, fractionally crystallizing these compounds from a solution to effect resolution and treating at least one of the crystalline compounds so obtained with a hydrolyzing agent to produce an optically active penicillamine.

2,450,785
BINDING
Charles Edward Emmer, Chicago, Ill., assignor to General Binding Corporation, Chicago, Ill., a corporation of Illinois
Application June 16, 1944, Serial No. 540,601
7 Claims. (Cl. 129—1)

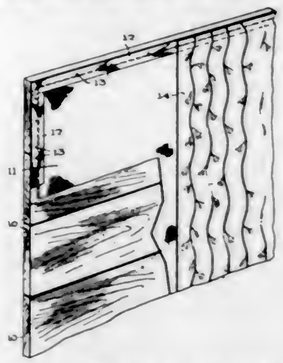


7. A binding comprising telescoped members, one of said members having an elongated backbone, and a plurality of spaced rings arranged transversely thereon, said rings having gaps therein; the other member having an elongated backbone engaged with the first backbone and having a plurality of spaced rings arranged in registry with the first rings, said second rings having gaps therein substantially equal to the gaps in said first rings, the rings of the respective members being adapted to close said gaps upon relative movement of said members in one direction and to register said gaps upon relative rotation of said members in another direction.

2,450,786
WALL COVERING AND METHOD OF APPLYING SAME
Albert G. Ferguson, Houston, Tex., assignor to American Associated Companies, Inc., Atlanta, Ga., a corporation of Georgia
Application August 15, 1944, Serial No. 549,587
1 Claim. (Cl. 20—4)

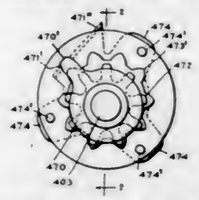
A paper covered board wall consisting of boards having as a group an uneven, discontinuous surface, a plurality of plies of substantially smooth, sized cotton linters attached to and covering said boards, said sized covering plies possessing rigidity

to prevent them entering depressions or openings in the surface formed by said boards, and wall



paper adhesively attached to the surface of said covering plies of cotton linters.

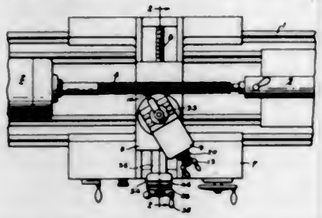
2,450,787
CRAWL CARRY MECHANISM
Howard M. Fleming, West Orange, N. J., assignor to Monroe Calculating Machine Company, Orange, N. J., a corporation of Delaware
Application January 9, 1947, Serial No. 721,004
4 Claims. (Cl. 235—136)



1. In a register having a series of totalizer wheel gears, and differentially movable actuators therefor; crawl tens transfer devices between said gears comprising actuator gears, a hub upon which the related actuator gear is rotatably mounted, said hub having an eccentric, a floating gear constituted by a totalizer wheel gear rotatably mounted upon said eccentric and meshing with said actuator gear, the number of teeth of the actuator gear and the totalizer wheel gear having a ratio of nine to ten, and coupling means between the totalizer wheel gear of lower order and the hub of the eccentric related to the totalizer wheel gear of next higher order.

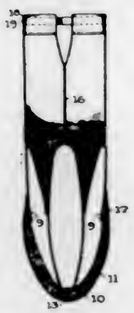
2,450,788
LATHE ATTACHMENT
Theodore Foster, Sidney, Ohio, assignor to The Monarch Machine Tool Company, Sidney, Ohio, a corporation of Ohio
Application March 10, 1945, Serial No. 581,976
8 Claims. (Cl. 82—24)

1. In combination, a cross-slide, a compound pivotally mounted on said cross-slide, means manually operable in one direction for moving a cutting tool toward a workpiece in fine adjustment mounted upon said compound, means for moving said cross-slide and compound together comprising a manually operable means rotatable in either direction, an indicating dial, a clutch for connecting said manually operable means to said indicating dial, actuating means mounted on said indicating means, a plurality of locking members rotatably mounted with respect to said actuating means and adapted to be driven thereby when



said clutch has connected said actuating means to said indicating dial, and means adapted to stop the rotation of said shaft and the movement of said cross-slide and compound by engaging with at least one of said locking members.

2,450,789
SANITARY GARMENT
Jacob G. Frieman, Tiffin, Ohio
Application July 5, 1945, Serial No. 603,327
2 Claims. (Cl. 128—284)

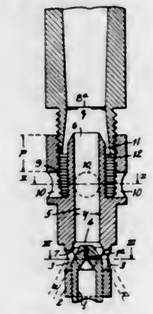


1. A sanitary pantie garment comprising a front and back portion and having an opening centrally thereof at the crotch, and a pocket attached to the exterior of the crotch over the opening along a line parallel to but spaced from the edge of the opening to form a flat rim overlying the pocket, whereby when the garment is being worn stress at the waist line thereof opposing the stress at the leg openings tends to hold the rim away from the contents of the pocket, the opposing edges of the pocket material being gathered at the center portion only previous to attachment to thereby form a bulge enlargement of the pocket centrally of the crotch when attached.

2,450,790
GAS BURNER
Albert Horace Greaves, London, England, assignor of forty per cent to Ronald Victor Short, Haxby, England
Application May 27, 1943, Serial No. 488,720
In Great Britain June 16, 1942
4 Claims. (Cl. 158—118)

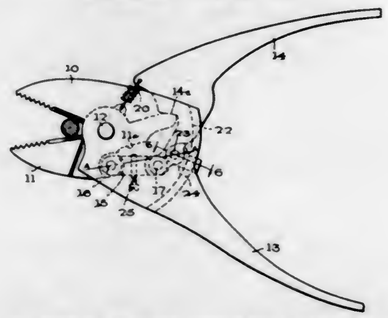
1. A gas burner comprising in combination an air-gas mixing tube having a conical outer end and having a bore provided with an inwardly tapering throat and provided with air inlet openings through the wall of the bore which open to the interior of the tube immediately beneath the throat, the throat dividing the bore of the

tube into two parts of different diameters, a gas jet fitted into the part of the air-gas mixing tube bore of larger diameter so as to be co-axial with the tube and terminating at its outlet adjacent the throat of the air-gas mixing tube and intermediate the larger and smaller bore-parts, the outer surface of the gas jet at its said extremity being also of tapering frusto-conical shape so that an axially inclined annular space is provided between the jet and the throat, the width of said annular space being not less than one-sixth and not more than one-third of the diameter of the portion of the bore immediately thereabove an internally threaded sleeve carried by the first tube and arranged in concentric spaced relation with the outer conical end thereof and provided with



air admission holes at its inner end, a second mixing tube having its inner end in threaded engagement with the threaded portion of the sleeve and having a bore and a Venturi throat in the bore, the throat of the venturi being arranged slightly beyond the outer end of the first tube while the inner part of the venturi surrounds the conical end of the first tube in spaced relation to provide a second inclined annular space which produces an ejector effect by which additional air may be drawn through the air admission holes into the air-gas mixture which issues from the said outlet end of the first mixing tube, and the distance between the upper edges of the holes in the sleeve and the outer extremity of the first mixing tube being not less than the internal diameter of the throat of the venturi.

2,450,791
PLIERS WITH LINK CONNECTED HANDLE AND JAW
Arthur H. Hagen, Globe, Ariz.
Application September 17, 1945, Serial No. 616,788
8 Claims. (Cl. 81—46)



1. In a pair of pliers comprising pivotally connected jaws and a handle for each jaw, a connecting link pivotally secured at its opposite ends to one of said jaws and its handle, an abutment pivotally associated with said handle, a stop on the other handle engageable by said abutment, said first mentioned handle being rotatable on the pivot of said abutment when the latter is in engagement with said stop to move the pivotal connection between said handle and connecting link toward a line intersecting the pivotal connection between said link and its jaw and the pivotal center of said abutment, and means for adjustably limiting the movement of said pivotal connection between said connecting link and handle toward said line.

2,450,792
ABRADING ELEMENT
Elisha W. Hall, Scituate, Mass.
Application March 14, 1945, Serial No. 582,622
8 Claims. (Cl. 51—193)



1. An abrading element comprising a ring-like disk including two distinct strips of abrading material, each being wound to present a plurality of plies, and a folded strip between and connecting the two groups of plies and having its fold at the inner circumference, all of said strips having annular edges presented at the outer circumference of the disk and constituting the working surface.

2,450,793
ABRADING ELEMENT
Elisha W. Hall, Scituate, Mass.
Application March 14, 1945, Serial No. 582,623
4 Claims. (Cl. 51—193)



1. In an abrading element, the combination of two bands, each comprising a plurality of plies, and a relatively narrow band of sheet material extending lengthwise of and overlapping adjacent margins of the first two bands and folded along a line lengthwise of said bands.

2,450,794
ELECTRODEPOSITION OF TIN
Elmer F. Harris, Birmingham, Ala., assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
No Drawing. Application October 5, 1945, Serial No. 620,639
7 Claims. (Cl. 204—54)

1. The method of electrodepositing tin which comprises providing a tin anode in an electrolyte, making the article upon which the tin is to be deposited the cathode in such electrolyte, the electrolyte consisting of an aqueous solution of the following ingredients:

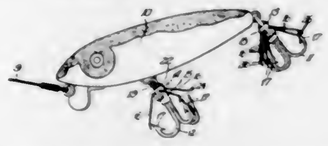
Tin——grams per liter——	10–60
Phenol sulphonic acid——do——	35–110
Dihydroxy diphenyl sulphone——do——	1–9
Monobutyl phenylphenol sodium monosulphonate parts by million by weight——	5–2000

and passing an electric current between the anode and cathode having a current density of at least 20 amperes per square foot of cathode surface in the electrolyte.

2,450,795
ELECTRODEPOSITION OF TIN
Elmer F. Harris, Birmingham, Ala., assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
No Drawing. Application October 5, 1945, Serial No. 620,640
7 Claims. (Cl. 204—54)

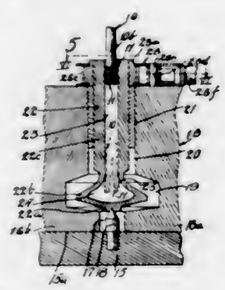
1. An electrolyte for deposition of tin consisting of an aqueous solution of 10 to 60 grams per liter of tin, an acid of the group consisting of phenol sulphonic acid, sulphuric acid, fluosilicic acid, benzene sulphonic acid, cresol sulphonic acid, chlorobenzene sulphonic acid, and nitrobenzene sulphonic acid, the range of acid being 35 to 110 grams per liter for phenol sulphonic acid and the molecular equivalent for the other acids, 1 to 9 grams per liter of dihydroxy diphenyl sulphone, and 0.02 to 50 parts per million by weight of diphenyl-para-phenylene-diamine.

2,450,796
WEED GUARD FOR FISHHOOKS
Harold M. Heimark, Oak Park, Ill.
Application June 13, 1947, Serial No. 754,487
5 Claims. (Cl. 43—38)



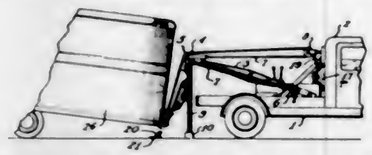
1. A weed guard for use with a multiple fishhook, comprising a clamp having a tongue thereon and having loops formed therein, and resilient fingers secured to said loops, said clamp being made of soft metal so that said guard can be removably secured to a hook by placing said tongue through the eye of said hook and forming the clamp about the shank of said hook, said fingers being made of spring wire and positioned adjacent the points of said hook.

2,450,797
APPARATUS FOR REMOVAL OF ANNULAR SCRATCHES
August H. Heinrich, Euclid, Ohio, assignor to Thompson Products, Inc., a corporation of Ohio
Application March 17, 1944, Serial No. 526,996
2 Claims. (Cl. 29—76)



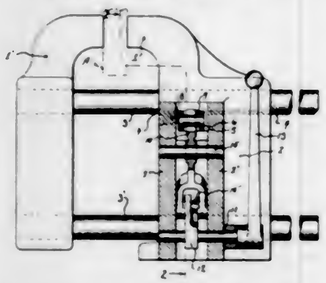
1. Apparatus for file finishing a hollow poppet valve which comprises a holder for rotatably supporting a hollow valve blank in vertical position, a reciprocal file carriage, a file carried thereby having a plurality of resilient fingers, each of which has a bulbous end substantially covered with file teeth and a device for rotating said valve blank in said holder.

2,450,798
WRECKING TRUCK BOOM SUPPORT
Arthur F. Heinss, Cincinnati, Ohio
Application November 5, 1946, Serial No. 707,952
4 Claims. (Cl. 214—86)



1. In combination with the body of an automobile vehicle of the wrecker type having a boom the peak of which extends beyond the body, an auxiliary support for the peak of the boom comprising a frame the peak of which is attached to the peak of the boom and the base of which is supported on the ground when in operative position, a block and tackle hoist having one block attached to the frame and the other block adapted to be attached to a load, the line of the tackle running to a winch on the body of the vehicle, so that in raising the load at least a portion of the weight of the same will be borne by the frame, and spacing bars attached to the frame and blocking the tendency of the load to ride against the frame.

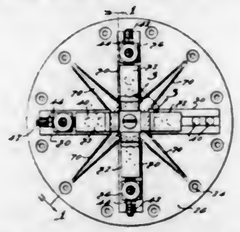
2,450,799
CAM-TEETH ACTUATED VISE
Hugo Helbig, Racine, Wis.
Application June 23, 1947, Serial No. 756,524
2 Claims. (Cl. 81—26)



1. A vise comprising a fixed jaw and a movable jaw, a guide rod carried by the movable jaw, slidable in the fixed jaw, angular teeth formed in the lower face of the guide rod, a bolt positioned at a right angle to the guide rod slidable in the fixed jaw body, teeth upon the end of the said bolt for selective engagement with the teeth of the guide bar, an actuating arm mounted upon the fixed jaw body and a toggle link connection between the actuating arm and bolt.

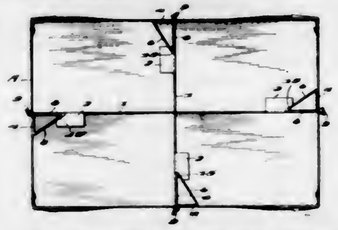
2,450,800
DIAPHRAGM CHUCK
George Hohwart and Ernest F. Hohwart, Detroit, Mich., assignors to N. A. Woodworth Company, Ferndale, Mich., a corporation of Michigan
Application July 13, 1946, Serial No. 683,459
5 Claims. (Cl. 279—46)

5. In a diaphragm chuck, in combination, a diaphragm arranged in a general plane of thickness perpendicular to the axis of said chuck and provided with a central, axial opening therein, a plurality of jaw devices mounted on the axially outer face of said diaphragm in approximately equally angularly spaced relation with respect to each other about the axis of said chuck, said diaphragm



having a radially directed corrugation therein between each adjacent pair of said jaw devices and extending from said central opening radially outwardly therefrom, whereby to increase the flexibility of said diaphragm in an axial direction at its center.

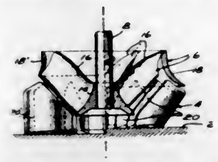
2,450,801
COMPOSITE PARTITIONING AND SPACING ELEMENT AND COMBINATION THEREOF WITH A CONTAINER
Joseph G. Huye, New Orleans, La.; Charlotte Huye and Merle Huye, legatees, by judgment of possession, of said Joseph G. Huye, deceased, assignors to Huye Space Saving Box System, Inc., New Orleans, La.
Application March 19, 1945, Serial No. 583,425
6 Claims. (Cl. 229—15)



1. A composite partitioning and spacing element having end portions divided by scored lines into a plurality of panels and foldable along said scored lines to constitute a vertically extending tubular spacing or supporting post at each end portion of said element, in combination with means respectively integral with said element and respectively movable to planes perpendicular to the plane of the partitioning portion of said element to respectively overlie portions of the faces of panels of the respective spacing or supporting posts to maintain the same in erected condition.

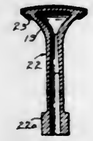
2,450,802
MIXER
John Johnson, deceased, late of Morristown, N. J., by Ethel H. Johnson, executrix, Morristown, N. J., assignor to John E. Johnson, Morristown, N. J.
Application November 15, 1944, Serial No. 563,500
3 Claims. (Cl. 259—96)

1. In a mixer, the combination with a rotor having liquid circulating blades the discharge edges of which are inclined to the axis of rotation of said rotor, of stator blades having inclined receiving edges which are parallel to and immediately adjacent to the path of travel of said rotor blade discharge edges and the greater part of which are located substantially within the coaxially projected perimeter of said path of travel, the coaxial overlap of the rotor and stator blades



being such that at least 30 percent of the active liquid circulating part of the rotor is surrounded by the stator and a flow directing shroud being carried by the rotor blades.

2,450,803
METHOD OF MAKING SHEATHED VALVES
Paul P. Johnson, Willoughby, Ohio, assignor to Thompson Products, Inc., a corporation of Ohio
Original application January 24, 1942, Serial No. 428,135. Divided and this application February 14, 1944, Serial No. 522,260
4 Claims. (Cl. 29—156.7)

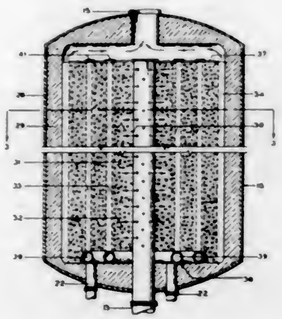


2. The method of making a poppet valve having a head clad with heat and corrosion-resistant metal which comprises brazing a cap of heat and corrosion-resistant metal to the end face of a solid cylindrical metal billet, forging the billet to provide a cup-shaped hollow blank having an enlarged headed end covered with said cap, forging the resulting hollow cup-shaped blank into poppet valve body form with a hollow head portion covered with the cap metal and an elongated hollow stem portion depending from the head portion, and puddling heat and corrosion-resistant metal around the head portion to integrally unite the periphery of the cap metal with the body metal.

2,450,804
CATALYST CHAMBER CONSTRUCTION
John W. Loy, McLean, Va., assignor to Phillips Petroleum Company, a corporation of Delaware
Application December 9, 1943, Serial No. 513,593
5 Claims. (Cl. 23—288)

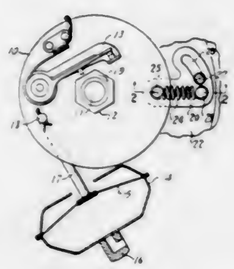
1. Catalytic apparatus for the conversion of fluids comprising a catalyst chamber, a plurality of foraminate concentric partitions in said chamber adapted to permit the arrangement of a plurality of concentric annular catalyst beds extending longitudinally within said chamber and spaced from each other and from the walls of the chamber, a perforate inlet conduit extending along the longitudinal axis within said chamber and coaxial with said concentric catalyst beds, means for introducing fluid to be converted into said inlet conduit whereby said fluid flows through the perforation therein and thence through each of said concentric catalyst beds transversely to the longitudinal axis thereof and into the space between the outermost catalyst bed and the chamber wall, means for introducing a fluid medium directly into the spaces between catalyst beds at a plurality of points spaced along the longitudinal axis of said spaces whereby said medium becomes ad-

mixed with fluid flowing transversely through said beds, means for regulating the flow of said fluid medium into said spaces whereby the temperature, pressure drop and contact time may be



regulated in each of said catalyst beds, and means for recovering converted fluid admixed with said fluid medium from the space surrounding the outermost catalyst bed.

2,450,805
ADJUSTABLE TIMING CONTROL
Marion Mallory, Detroit, Mich.
Application April 1, 1948, Serial No. 18,454
4 Claims. (Cl. 200—31)



3. In an internal combustion engine having a timer, a first member arcuately movable a limited distance with respect to a second member, connections from the members to the timer to advance the spark by the movement of the first member towards one limit and to retard the spark by movement of the member towards its other limit, means tending, with a force varied by changes in the operation of the engine, to turn the first member in one direction, and a tension spring tending to hold the first member at one limit of its travel against said force, pins in the two members in axial alinement when the first member is at the limit towards which the spring moves it, an arm mounted on the pin in the second member, and means to fix the arm in adjusted position about its pivot pin, one end of the spring being attached to the pin on the first member and the other being attached to the free end of the arm.

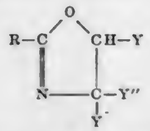
2,450,806
RUST PREVENTIVE CHROMIUM COMPOUNDS AND COMPOSITIONS CONTAINING THEM
Paul R. McCarthy, Allison Park, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
No Drawing. Application December 7, 1945, Serial No. 633,557
9 Claims. (Cl. 106—14)

2. A composition of matter adapted to prevent the corrosion of metal surfaces comprising about 25 to about 75 per cent by weight of the water-insoluble product obtained by heating 2-oleyl-4-methyl-4-hydroxymethyl-2-oxazoline with chromium trioxide at a temperature within the range of about 300° to about 500° F. and about 75 to about 25 per cent by weight of a light naphtha solvent.

8. A composition of matter adapted to prevent the corrosion of metal surfaces consisting of a light naphtha solvent, a water-insoluble soap and the water-insoluble product obtained by heating 2-oleyl-4-methyl-4-hydroxymethyl-2-oxazoline with chromium trioxide at a temperature within the range of about 300° to about 500° F.

2,450,807
RUST PREVENTIVE CHROMIUM COMPOUNDS AND COMPOSITIONS CONTAINING THEM
Paul R. McCarthy, Allison Park, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
No Drawing. Application July 16, 1946, Serial No. 683,991
15 Claims. (Cl. 106—14)

1. A chromium-containing product obtained by heating an oxazoline compound having the general formula



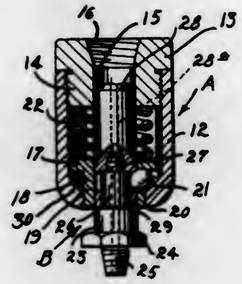
wherein R represents the hydrocarbon residue of an acid selected from the group consisting of higher fatty acids, naphthenic acids, and acids derived from the liquid phase partial oxidation of petroleum products, Y and Y' each represents a substituent selected from the group consisting of hydrogen and lower alkyl groups, and Y'' represents a substituent selected from the class consisting of hydrogen, lower alkyl groups, and lower hydroxyalkyl groups, with chromium trioxide at a temperature between about 100° C. and about 250° C.

8. A composition of matter adapted to prevent corrosion of metal surfaces, said composition consisting of from about 25 to about 75 per cent by weight of the product defined by claim 1 and from about 75 to about 25 per cent by weight of a petroleum distillate solvent for said product.

2,450,808
COUPLER FOR AIR LINES
Robert Theodore McElhose, Oakmont, Pa.
Application January 25, 1946, Serial No. 643,264
4 Claims. (Cl. 285—169)

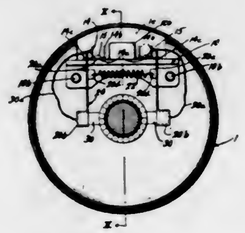
1. A female coupler unit for use in association with a coupler construction of the class described comprising a cylindrical shell, a fitting including a centrally apertured plug closing one end of said shell, the opposite end of said shell

being provided with an internal tapered seat defining a cavity, and a central opening to permit insertion and removal of a coacting male coupler unit, a ball cage comprising a sleeve slidable in said central opening, said sleeve having an outstanding flange, a coiled spring in said shell resting at one end against the flange and at the opposite end against said fitting, said sleeve having friction ball openings, and a plurality of friction balls mounted in said openings, to-



gether with a male coupler unit comprising a stem projecting into said shell by way of said flanged sleeve and then into the aforementioned fitting, said stem having a portion with which said balls coact, said reduced portion constituting a shoulder, and a collar surrounding said reduced portion and resting on said shoulder, said collar coacting with said balls for projecting and retracting same at predetermined periods of operation.

2,450,809
CONDENSER AND BRUSH MOUNTING FOR DYNAMOELECTRIC MACHINES
Joseph Nader, Glen Ellyn, Ill., assignor to Nader Engineering Company, Chicago, Ill., a corporation of Illinois
Application June 2, 1947, Serial No. 751,910
10 Claims. (Cl. 171—324)

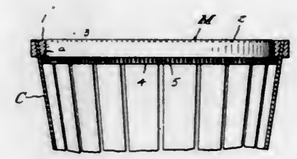


1. In a dynamoelectric machine having a frame and a commutator, a block of electrically insulating material adapted to be secured to the frame adjacent the commutator, spaced conducting means on said block for supporting a pair of brushes in cooperative relation with said commutator, a condenser integrally molded in said insulating block, and means for electrically connecting said condenser directly across said conducting means.

2,450,810
PROCESS FOR THE RECOVERY OF PROTEIN FROM PROTEINOUS MATERIALS
Anita V. Luisada Opper, New York, N. Y., and William P. ter Horst, Little Silver, N. J., assignors to Virginia Carolina Chemical Corporation, Richmond, Va., a corporation of Virginia
No Drawing. Application November 8, 1945, Serial No. 627,526
5 Claims. (Cl. 260—112)

1. In the process for the recovery of protein from a naturally occurring protein containing material selected from the group consisting of soya beans and peanuts involving dissolving the protein content of such materials in aqueous alkaline solution, separating the solution from insoluble material and precipitating protein from the resulting solution by acidification, the step which consists in incorporating a water soluble urea compound selected from the group consisting of urea, thiourea and their mono substituted derivatives into the protein solution.

2,450,811
CLOSURE MEANS FOR CONTAINERS
Vernon E. Ramsey, Suffolk, Va.
Application November 21, 1944, Serial No. 564,459
1 Claim. (Cl. 217—124)

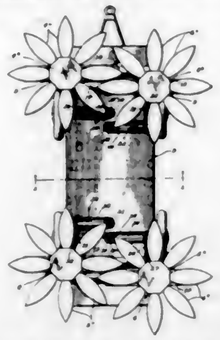


A receptacle and cover means therefor comprising a material receiving body having a circular filling opening, a rim secured within the filling opening having a straight inner face and an inwardly directed annular shoulder, a flat circular body adapted to position within said rim and having a continuing relatively wide encircling straight flange of a width materially greater than said rim and extending perpendicularly to the body, the overall diameter of the body being substantially equal to the inside diameter of the rim whereby the flange is snugly inserted in the rim and lies against the said straight inner face thereof, and a continuous transversely fluted flexible band encircling and secured to the outside of the flange adjacent to the free edge thereof, said band being of a width materially less than the width of the flange and adapted to engage against said shoulder when the flange is extended to a predetermined extent into the rim, the said band being contractible to facilitate its extension through the rim and upon expansion beneath the rim acting to press the flange against the face of the rim.

2,450,812
FRUIT PICKER
Clinton D. Ray, Mesa, Ariz.
Application November 19, 1945, Serial No. 629,400
11 Claims. (Cl. 304—9)

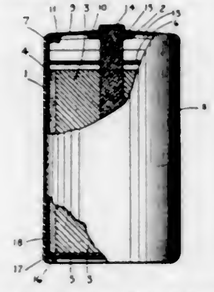
1. A staging comprising a mobile platform and a revolvable work pedestal mounted thereon and embodying a circular series of equi-distantly

spaced surface extensions adapted to be disposed among the branches of a tree and to co-act there-



with to cause the pedestal to revolve as the staging travels alongside of the trees.

2,450,813
LEAKPROOF DRY CELL
Otto K. Reinhardt and Thomas F. Fallon, New Haven, Conn., assignors to Olin Industries, Inc.
Application July 31, 1945, Serial No. 608,030
2 Claims. (Cl. 136—133)

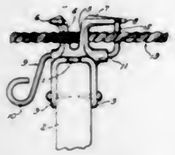


1. A leakproof cell comprising a zinc can forming an outer electrode, a carbon electrode arranged in the can and projecting slightly therefrom, a preformed jacket of insulating material surrounding the zinc can, the jacket being in the form of a cup with its closed end forming the cell closure, the upper edge of the zinc can being curved inwardly, the edge of the jacket being secured to the bottom of the cell adjacent its outer edge, a central circular bead in the closed end of said jacket, a contact cap arranged in the said bead and adapted to receive the end of the carbon electrode, and a second bead formed in the closed end of the jacket forming a groove between the bead and the wall of the jacket for the reception of the curved edge of the zinc can.

2,450,814
PROCESSES OF MAKING CHEESE
Zola D. Roundy and Havard L. Keil, Clarendon Hills, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application March 1, 1943, Serial No. 477,634
11 Claims. (Cl. 99—116)

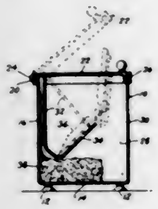
1. In a process for preparing a cheese product in which proteolytic enzymes are utilized to develop cheese body characteristics, the step of incorporating into the milk material a proteolytic enzyme substance which is potentially active but which is in an unactive state.

2,450,815
LINE ANCHOR
William O. Schultz, South Milwaukee, Wis.
Application January 20, 1947, Serial No. 723,179
5 Claims. (Cl. 24—132)



1. A line anchoring attachment comprising a base adapted for mounting on a support, a pair of relatively spaced lugs each having an extension substantially normal thereto, and a bight forming lever pivotally carried by said base for movement to a position transversely relative to and contacting the extension on one of said lugs.

2,450,816
STERILIZER
Raymon W. Snider, Cheyenne, Wyo.
Application March 9, 1944, Serial No. 525,728
1 Claim. (Cl. 21—82)

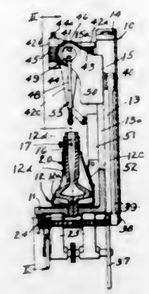


A sterilizer of the type described, comprising a container for a sterilizing medium having an open upper end, a cover hinged to said container for closing the open upper end, an article supporting shelf rigidly secured to the lower face of the cover adjacent the hinge and extending at right angles thereto and a portion extending at an acute angle thereto whereby an article placed thereon will when the cover is opened be positioned vertically with relation to said container whereby said article can be removed therefrom without contact with the shelf.

2,450,817
PROCESS FOR REMOVAL OF ANNULAR SCRATCHES IN HOLLOW POPPET VALVE STEMS
James G. Sterling, Cleveland Heights, Ohio, assignor to Thompson Products, Inc., a corporation of Ohio
Application March 6, 1944, Serial No. 525,274
7 Claims. (Cl. 29—76)

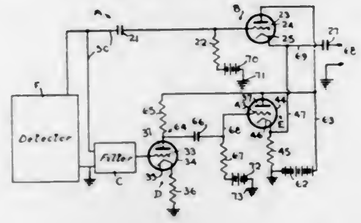
1. The method of finishing the hole-defining wall of a hollow poppet valve stem including a portion of sharply varying diameter which comprises resiliently feeding a file longitudinally along and against one side of said wall under a controlled pressure for determining the depth of cut to be taken from said wall, guiding the file on the opposite side of said wall to constrain the file

for following the hole, reciprocating the file relative to the valve for removal of metal from said



wall and allowing radial expansion of said file to cut said portion of sharply varying diameter.

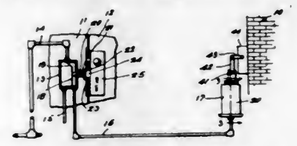
2,450,818
ELECTRONIC NOISE ELIMINATOR
Raymond K. Vermillion, St. Petersburg, Fla.
Application August 26, 1944, Serial No. 551,377
12 Claims. (Cl. 250—20)



1. In an electronic noise interference eliminator, adapted to be disposed in a radio receiving circuit to follow a detector in said circuit, means for receiving wanted signal impulses and noise interference from a detector, said means including a vacuum tube, having a cathode; high pass filter means for receiving and separating wanted signal impulses and noise signal impulses, having frequencies higher than the highest desired signal frequency, from the detector and passing frequencies above the wanted signal impulses; phase inverting stage means for receiving said frequencies and inverting the wave form, including a second vacuum tube; a biasing resistor for said last named tube and plate load resistor means across which said inverted wave form is developed, means for receiving said inverted wave form, including a third vacuum tube, having a cathode, means electrically connecting together the cathodes of said first and third named tubes so that they are at substantially the same operating potentials at all times, and an electrical resistor, common to the cathode circuits of said first and third tubes.

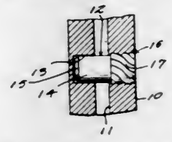
2,450,819
LOCK CONTROLLED SWITCH
Charles Michael Whelan, Altadena, Calif., assignor of one-half to Alma E. Whelan, Altadena, Calif.
Application October 2, 1944, Serial No. 556,773
10 Claims. (Cl. 200—55)

1. An apparatus for actuating a circuit breaker comprising a door, a frame supporting said door, a bolt operatively associated with said door and frame, a circuit breaker remote from said frame, fluid actuated means for selectively opening and



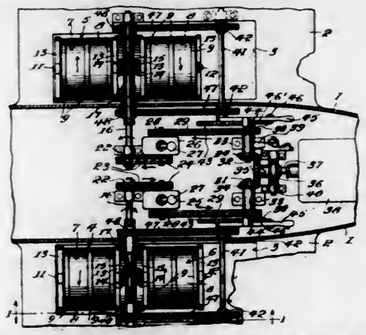
closing said circuit breaker and means actuated by said bolt for actuating said opening and closing means.

2,450,820
BEDRAIL PIN
Edward J. Wilcox, Lakewood, N. Y.
Application May 24, 1945, Serial No. 595,643
1 Claim. (Cl. 85—10)



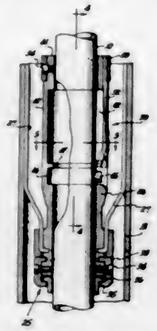
A bed rail pin comprising a solid shank member having a smooth surface, a fluted head at one end of said shank, said shank being of a longitudinally tapered configuration converging at the adjacent end of said head, the root diameter of said fluted head being substantially equal to the diameter of the convergent end of said shank, and a bevelled edge on the opposite enlarged end of said shank.

2,450,821
TILTING BALANCED DUPLEX PROPELLER
Arthur B. Zimmerman, Los Angeles, Calif.
Application August 2, 1945, Serial No. 608,505
4 Claims. (Cl. 244—12)



1. In an airship having a fuselage and wings, tubular housings positioned at the sides of the fuselage, means pivotally mounting said tubular housings on opposite sides of the fuselage at points intermediate of the lengths of the housings, sleeves having spirally positioned vanes therein providing double screw propellers positioned in the said housings, means rotatably mounting the sleeves in the housings, a motor positioned in the fuselage, means operatively connecting the sleeves to the motor for rotation of said sleeves, and means tilting the said tubular housings with the propellers therein from the interior of the fuselage.

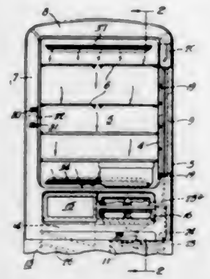
2,450,822
LOCK DEVICE FOR WELL TOOLS
Aaron A. Baker, Coalinga, Calif., assignor to Baker Oil Tools, Inc., Vernon, Calif., a corporation of California
Application April 15, 1944, Serial No. 531,237
5 Claims. (Cl. 166—12)



1. A tool for use in a well bore and having relatively movable parts, means for controlling movement of said parts with respect to one another, including a first member having a generally horizontal slot with an opening into said slot and connected to one of said parts, a second member having a pin and connected to another of said parts, said members being movable relative to one another to position said pin in said slot to lock said parts together against relative longitudinal movement, said members also being movable relative to one another to move said pin through said opening out of said slot to unlock said parts and allow their relative longitudinal movement, said members being further movable relative to one another to locate said pin out of said slot in a position lying in the same horizontal plane as said slot, and means comprising a latch engageable with said pin when in said last-mentioned position to prevent substantial longitudinal movement between said members in order to hold said parts locked together, said last-mentioned means being constructed and arranged to confine said pin in said last-mentioned position to prevent its removal therefrom and return movement into said slot regardless of the direction of movement of said second member.

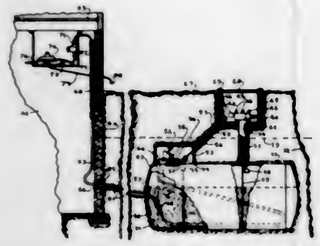
2,450,823
HUMIDITY CONTROL MEANS RESPONSIVE TO MOVEMENTS OF A REFRIGERATOR DOOR
John J. Bauman, Abington, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application June 30, 1944, Serial No. 542,888
5 Claims. (Cl. 62—6)

1. In refrigerating apparatus comprising a refrigerated space, a door affording access to said space, means actuated by movements of the door to closed position for regulating humidity within said space, and a timing device for limiting maximum duration of operation of the regulating means between successive actuations, said device being adjustable to varying extents affording correspondingly varying time increments for continuous operation of said regulating means, and means actuated by the door in closing for adjusting said device to a predetermined normal extent for each said closing, said means being responsive to a predeterminedly short lapse of time between successive door closings to adjust said device to



an extent exceeding said normal and affording a correspondingly extended period of continuous operation of said regulating means.

2,450,824
LIQUEFIED GAS DISPENSING APPARATUS
William C. Buttner, Winnetka, Ill., assignor to The Bastian-Blessing Co., Chicago, Ill., a corporation of Illinois
Application June 25, 1941, Serial No. 399,715
15 Claims. (Cl. 62—1)

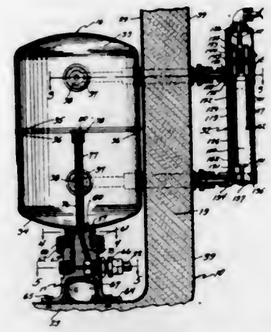


6. In a liquefied petroleum gas system having a subterranean storage tank receiving heat from the ground, a delivery conduit communicating with the tank and extending to a point of use, and comprising a dip tube for withdrawing fuel from the tank in its liquid phase, a pressure reducing regulator in contact with the tank, and a second pressure regulator reducing the gas to a usable pressure at said point of use.

2,450,825
CARBONATED WATER DISPENSER
William C. Buttner, Winnetka, and Harlow E. Allshouse, Chicago, Ill., assignors to The Bastian-Blessing Co., Chicago, Ill., a corporation of Illinois
Application January 17, 1944, Serial No. 518,528
1 Claim. (Cl. 261—115)

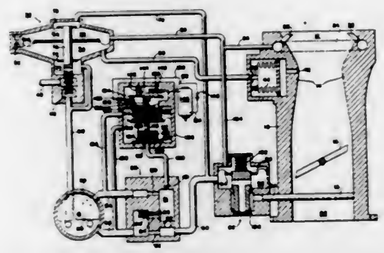
In a carbonated water dispensing device, a cabinet having a cooling chamber therein whose temperature is below 60° F., a container disposed in said chamber and connected to a source of CO_2 under pressure, a gauge glass connected to said container and disposed outside of said chamber; means for supplying the container with water under pressure including a pump, a water level responsive device disposed in said gauge glass, and a spray nozzle connected to the outlet

of the pump, said nozzle being located in said container above the maximum water level in the



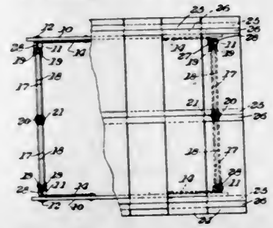
container determined by said water level responsive device.

2,450,826
CONTROL APPARATUS FOR INTERNAL-COMBUSTION ENGINES
Milton E. Chandler, New Britain, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application November 16, 1946, Serial No. 710,295
11 Claims. (Cl. 123—119)



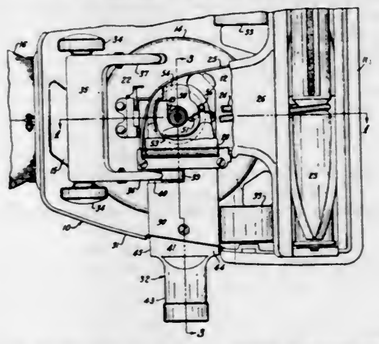
1. Control apparatus for an internal combustion engine, comprising a conduit for fuel flowing to said engine, a metering orifice in said conduit, means for regulating the pressure differential across said orifice to control the rate of flow of fuel therethru, valve means connected in parallel with said orifice for controlling the relationship between said fuel pressure differential and said rate of flow, said valve means having an intermediate range of positions in which it is closed and end ranges in which it is open, ignition timing control means having a normal timing positon and an advanced timing position, electrical means for operating said ignition timing control means including switch means, said switch means having an intermediate range of positions in which said switch means operates to cause movement of said ignition timing control means to advanced position and end ranges in which said switch means operates to cause movement of said ignition timing control means to normal position, and operating means for said valve means and said switch means including a single diaphragm subject to said fuel pressure differential and effective to simultaneously move said valve means and said switch means between their respective end ranges and their respective intermediate ranges.

2,450,827
FOLDING TABLE
Martin L. Clare, Appollo, Pa.; Mabel Kuhlman Clare, executrix of said Martin L. Clare, deceased, assignor to Mabel Kuhlman Clare
Application June 29, 1944, Serial No. 542,675
4 Claims. (Cl. 311—79)



1. In a supporting structure for a removable table top, the combination of a pair of parallel side plates upon which the top is supported when the table is extended for use, a leg pivotally attached at its upper end to the inner face of each side plate and adjacent to each end of the latter and spaced therefrom to provide clearance for other parts, said leg being arranged to swing in a plane parallel to the plane of the side plate, toggle lever mechanism attached to the outer side of each leg and the inner face of the corresponding side plate and arranged when extended to lock the leg in its extended position relative to the side plate but when collapsed to permit the leg to be folded parallel to the inner face of the side plate, the folded toggle lever mechanism being received between the folded leg and the side plate, a set of oppositely disposed brackets on each pair of legs, and toggle lever mechanism connecting the brackets of the pair of legs at each end of the side plates which when extended lock the side plates and legs in their spaced and extended position and when collapsed permits the same to be brought into close relation and the legs to be folded up and contained between the side plates with the oppositely disposed brackets in overlapped relation, said last mentioned toggle mechanism when folded being contained between folded pairs of legs.

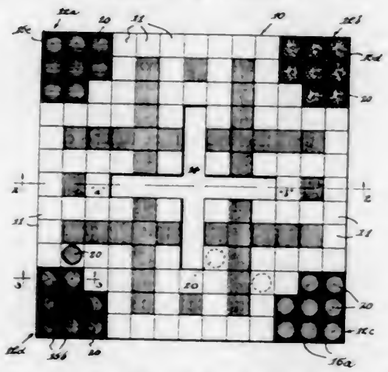
2,450,828
CONVERTER FOR SUCTION CLEANERS
Dale C. Gerber, North Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application May 12, 1943, Serial No. 486,632
8 Claims. (Cl. 15—16)



1. In a suction cleaner, a cleaner body having a nozzle, a fan chamber having a fan eye, a suc-

tion air passageway between said nozzle and fan eye, a fan in said fan chamber, a shaft extending through said fan eye into said air passageway, a motor for driving said fan and shaft, means defining a port in said air passageway adjacent said fan eye for receiving a converter element, a converter element insertable through said port into register with said fan eye, means defining a slot on said converter element passing transversely of said shaft, and a valve pivoted intermediate its ends on said converter element, said valve having one portion engageable with said shaft for moving said valve to uncover said slot, and another portion engageable with said shaft for moving said valve to close said slot and seal said nozzle from said fan chamber.

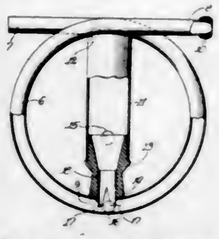
2,450,829
CHECKERED GAME BOARD
Charles Haven Hayes, Dearborn, Mich.
Application November 23, 1945, Serial No. 630,305
1 Claim. (Cl. 273—131)



A game board for use with two or more sets of several men each, each set of different colors, said game board having its surface divided into squares and having groups of several of said squares in two or more opposite corners of said board of an indicated separation from the other squares thereon, one of said squares in each of said group of squares being designated as a goal, and an elimination zone in an intermediate portion of said game board and bounded on all sides by a plurality of squares, any of said men being retired from play when required to jump a man positioned in a square adjacent said elimination zone, said squares spaced from said elimination zone by a single square being differently colored to indicate danger since men positioned in such squares may be forced to jump a man in adjacent squares and thence into said elimination zone.

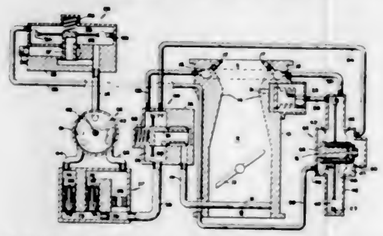
2,450,830
PEA SHOOTER
Edwin W. Helberg, Chicago, and Vernon C. Helberg, Evergreen Park, Ill.
Application September 26, 1945, Serial No. 618,658
5 Claims. (Cl. 124—12)

4. A pea shooter comprising an open ended tube coiled into a single convolution with its ends projecting in opposite directions at the top of the convolution and provided in the inner wall of the lower portion of the coil with an opening, a magazine extending diametrically within the coil and engaged at its ends therewith to frictionally hold the magazine against displacement, said magazine communicating with the interior of the coil through said opening and said magazine being



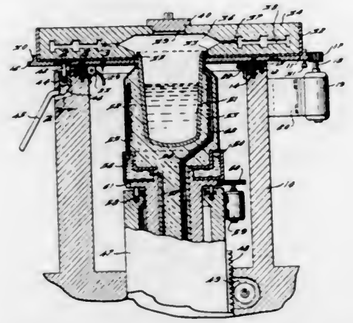
provided with an opening through a side wall thereof for the loading of missiles into the magazine.

2,450,831
CARBURETOR
Scott F. Hunt, Meriden, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application August 11, 1943, Serial No. 498,151
7 Claims. (Cl. 261—41)



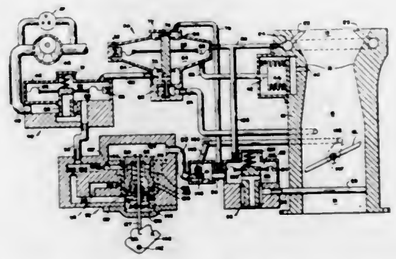
1. A fuel supply system for an internal combustion engine, comprising a first main conduit for conveying combustion air to said engine, a second main conduit for conveying fuel to said engine, first and second parallel branch conduits connected in series with said second main conduit, a mixture control valve located at a junction of said parallel branch conduits and said second main conduit, said mixture control valve being movable between a first position wherein only said first parallel branch conduit is opened to the flow of fuel and a second position wherein both of said parallel branch conduits are opened to the flow of fuel, first and second fixed metering restrictions in said first and second parallel branch conduits, respectively, means responsive to the rate of flow of air thru said first main conduit for regulating the fuel pressure differential across said restrictions to control the rate of flow of fuel therethru, said pressure differential regulating means, said restrictions and said mixture control valve cooperating when said mixture control valve is in said first position to maintain a first predetermined fuel-to-air ratio and when said mixture control valve is in said second position to maintain a second predetermined fuel-to-air ratio greater than said first ratio, first and second enrichment valves connected in parallel with said first and second restrictions, respectively, each said enrichment valve being acted upon in an opening sense by said fuel pressure differential, and first and second springs associated with said first and second enrichment valves, respectively, to bias said valves toward closed position, said first spring being stronger than said second spring, said valves and springs cooperating with said pressure differential regulating means to increase the fuel-to-air ratio above said first predetermined value at a first fuel pressure differential value when said mixture control valve is in said first position and to increase the fuel-to-air ratio above said second predetermined value at a second lower fuel pressure differential value when said mixture control valve is in said second position.

2,450,832
CENTRIFUGAL CASTING
Theodore C. Kuhlman, Detroit, Mich.
Application July 5, 1943, Serial No. 493,495
11 Claims. (Cl. 22—65)



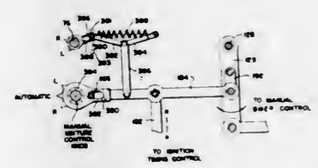
1. In a machine for centrifugally casting metal, a rotatable platform adapted to support a mold flask; a central opening in said platform; a rotatable crucible assembly including a crucible adapted to extend into said opening, and means for rotating said platform and said assembly at varying relative speeds.

2,450,833
CHARGE FORMING DEVICE
Leighton Lee, II, Meriden, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application November 16, 1943, Serial No. 510,454
20 Claims. (Cl. 261—41)



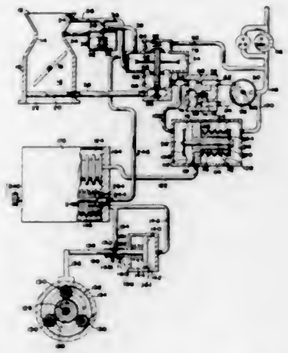
11. A fuel supply system for an internal combustion engine, including a conduit for fuel flowing toward said engine, a plurality of parallel metering restrictions in said conduit, means for controlling the fuel pressure differential across said restrictions to regulate the fuel flow therethru, a first valve for controlling the flow thru one of said restrictions in accordance with said fuel pressure differential, spring means biasing said valve to closed position, a second valve for controlling the flow thru another of said restrictions, means for varying the valve closing force of said spring means, a manual operator for said force varying means movable between a first position wherein the force of said spring means is set at a first predetermined value, and a second position wherein the force of said spring is set at a second predetermined value lower than said first value, and spring means flexibly connecting said operator and said second valve and effective to influence said second valve in an opening sense when said operator is moved to its second position.

2,450,834
CONTROL APPARATUS FOR INTERNAL-COMBUSTION ENGINES
Leighton Lee, II, West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Original application November 9, 1944, Serial No. 562,715. Divided and this application December 6, 1945, Serial No. 633,168
4 Claims. (Cl. 123—117)



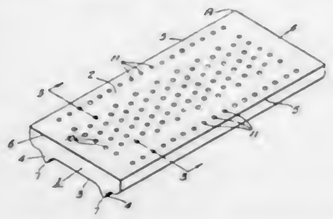
1. Control apparatus for an internal combustion engine, comprising ignition timing control means including a member movable between a first position corresponding to advanced ignition timing and a second position corresponding to retarded ignition timing, mixture control means including a member manually movable between a first position indicative of a rich fuel and air mixture and a second position indicative of a lean fuel and air mixture, a direct connection between said manually movable member and said ignition timing control member to move the latter positively toward said advanced position as said manually movable member moves to said lean position and to move said ignition timing control member positively toward said retarded position as said manually movable member is moved to said rich position, means for controlling the brake mean effective pressure of said engine including a manual control element, governor means for controlling the speed of said engine to maintain said speed at a selected value, selector means associated with said governor means for varying said selected value, said selector means being operable in all positions of said manual control element, means responsive to said selector means and to the position of said element for controlling the power output of said engine to maintain a value of brake mean effective pressure determined by the position of said element and unaffected by variations in said selected speed, and a connection between said control element and said ignition timing control member for operating said control member to advance the ignition timing when the brake mean effective pressure is in an intermediate range of values and to retard said ignition timing when said brake mean effective pressure has either a high or a low value.

2,450,835
INDICATING APPARATUS
Leighton Lee, II, Rocky Hill, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application March 16, 1946, Serial No. 654,979
28 Claims. (Cl. 123—119)



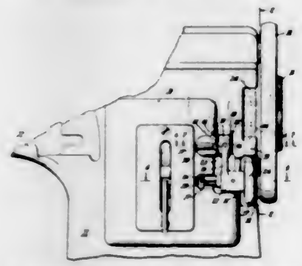
27. In a fuel supply system for an internal combustion engine, the combination of a main fuel conduit including a jet means, two chambers connected with the main fuel conduit at the respective sides of the jet means, each chamber having a movable wall and the two walls being so positioned that the pressures in the respective chambers tend to move them in opposite directions, means for connecting the two movable walls for movement in unison in response to the differential between the pressures in the two chambers, a bellows positioned between the two movable walls and movable by one of them in the collapsing direction, and a conduit connected with the interior of the bellows and adapted to transmit fluid pressure to a pressure responsive means.

2,450,836
HEARTH TILE
Sylvan N. Levy and William B. Levy, Wilmington, Del.
Application November 20, 1945, Serial No. 629,786
3 Claims. (Cl. 263—47)



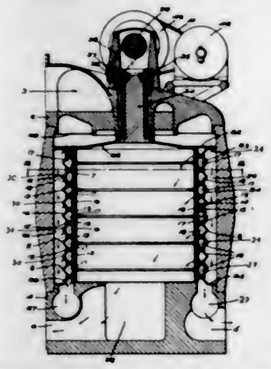
3. A hearth tile for metal treating furnaces, comprising a substantially rectangular slab of refractory material, a pair of longitudinal ribs of V-shaped cross-section projecting downwardly from the bottom surface of the slab and extending the full length thereof in substantially parallel inwardly spaced relation to the opposite longitudinal edges respectively of the slab, a multiplicity of parallel transversely extending rows of relatively staggered perforations extending completely through said slab and distributed substantially uniformly over the portion of the area of the slab lying between said ribs, and a row of perforations extending completely through the slab in the areas thereof lying between said ribs and said longitudinal edges of the slab.

2,450,837
BOBBIN WINDER FOR SEWING MACHINES
Leonard C. Marsac, Cranford, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application April 23, 1947, Serial No. 743,244
9 Claims. (Cl. 112—218)



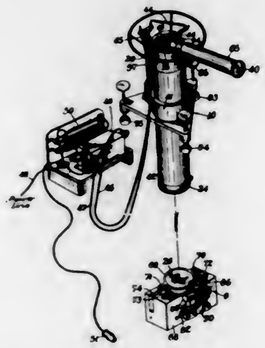
1. In a sewing machine having a bracket-arm standard and a balance wheel rotatably supported by said standard; a bobbin winder comprising a pivot-pin supported by said standard, a bobbin-winder carrier arm pivoted on said pin, a cam washer locked against rotative movement with respect to said standard, a second cam washer mounted adjacent said first cam washer and locked to rotate with the pivotal movement of said arm, and a spring arranged to force said washers together.

2,450,838
PAPER PULP SCREEN
Wilfred F. Mathewson, Weymouth, Mass.
Application January 26, 1945, Serial No. 574,769
13 Claims. (Cl. 92—35)



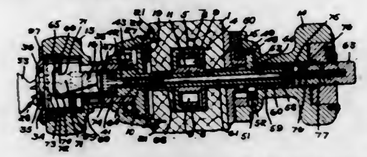
12. A pulp screen comprising a casing having an inlet and a screened pulp outlet, pulp-screening means within the casing comprising two opposed parallel walls separated from each other by a clearance space which is substantially coextensive with said walls and which is of sufficient size for the acceptable portion of unscreened paper pulp stock to pass therethrough but is insufficient in size for the unacceptable portion of such pulp stock to pass therethrough, one of said walls having therein a plurality of inlet pockets, all of which communicate with the clearance space, and also having therein a plurality of discharge pockets, all of which communicate with the clearance space, said inlet pockets and outlet pockets having communication with each other through said clearance space, means other than the clearance space for delivering unscreened pulp to the inlet pockets, means other than the clearance space providing communication between the discharge pockets and the screened pulp outlet, and means to give the two opposed walls a relative movement without varying the dimensions of said clearance space.

2,450,839
INTERFEROMETRIC COMPARATOR
George E. Merritt, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application August 16, 1944, Serial No. 549,709
11 Claims. (Cl. 33—143)



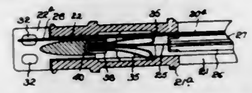
4. In an interferometric comparator a source of monochromatic light, a condensing lens forming a beam of parallel rays from said light source, a light transmitting optical flat which is slightly wedge-shaped in cross-section, arranged in the path of said beam with its emergent surface substantially normal thereto, a second optical flat located in the path of said beam spaced in substantially parallel relation to said emergent surface, said light transmitting optical flat being disposed between said light source and the second optical flat, whereby light reflected from the substantially parallel surfaces forms an interference pattern; a tilting mount for one of said flats including a pair of flexible plates rigidly affixed to the flats in alignment to form a spring hinge, gauge jaw members rigidly connected to the flats laterally with respect to the hinge, whereby introduction of an element to be gauged between said jaw members causes relative angular displacement of the flats, the axis of said hinge being slightly offset from the center line of the flats in a direction away from the gauge jaws, optical means for observing the interference pattern caused by said displacement, and means for mounting said observing means with provisions for universal adjustment with respect to the optical flats.

2,450,840
DOOR LOCK
Joseph H. Milligan, Framingham, Mass.
Application January 8, 1946, Serial No. 639,792
11 Claims. (Cl. 70—216)



1. A door lock comprising a knob-supporting member stationarily secured to the outside of the door and projecting outwardly therefrom, an outer knob mounted on said knob-supporting member for turning movement, a lock located within the knob-supporting member and comprising a rotary member connected to the outer knob for simultaneous rotation therewith and means to lock the rotary member to the knob-supporting member, a spindle extending through the door and provided with means to withdraw the door latch as the spindle is turned, an inner knob mounted on and connected to the spindle, a normally disengaged clutch device for coupling said rotary member and thereby the outer knob to the spindle, and key-actuated means to both unlock said rotary member, and thereby the outer knob, from the knob-supporting member and to render the clutch device operative to clutch the rotary member, and thereby the outer knob, to the spindle.

2,450,841
SENSITIZED-MATERIAL HOLDER FOR PHOTOGRAPHIC CAMERAS
Milford B. Moore, Brighton, N. Y., assignor to Graflex, Inc., Rochester, N. Y., a corporation of Delaware
Application December 21, 1946, Serial No. 717,690
12 Claims. (Cl. 95—67)

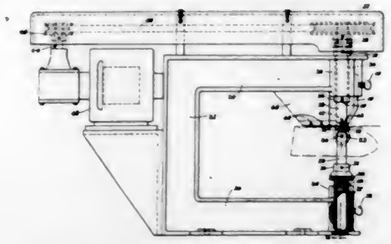


1. A separator assembly for a sensitized-material photographic holder comprising a separator plate **25** having a light valve or seal consisting of material sharply bent along a median transverse line into inverted V-shape at the upper end of said separator plate and with the two opposite depending portions of said light valve or seal extending down a short distance at the two faces of the separator plate to establish a light-seal with respect to the dark slides when the latter are in position in said holder, and with respect to the body of the holder when the dark slides are removed, said separator plate having a film receiving septum plate secured to each face thereof.

2,450,842
EDGE TRIMMING MACHINE
Forrest F. Murray, Brockton, Mass., assignor to Forrest F. Murray and Harry R. Murray, a copartnership doing business as Murray Manufacturing Co., Avon, Mass.
Application January 24, 1948, Serial No. 4,191
8 Claims. (Cl. 12—1)

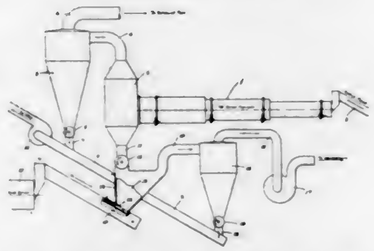
1. A machine for trimming the projecting margins of two side-by-side stitched together sheets of flexible material of a piece of work comprising

a support having a narrow edge to extend between and support the sheets adjacent the line of stitching, a pair of oppositely disposed feed rolls positioned to engage the outer faces of the work and feed the work over the support parallel to the



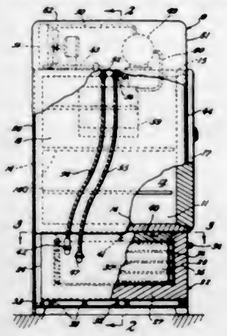
line of stitching, a knife mounted with its cutting edge extending transversely the line of feed, and means for rotating the feed rolls to force the margins against, and cause the edge portions thereof to be trimmed off by, the knife at a predetermined distance from the line of stitching.

2,450,843
DEHYDRATING SYSTEM
Arthur G. Sherman, Tracy, Calif.
Application October 6, 1945, Serial No. 620,786
2 Claims. (Cl. 34—57)



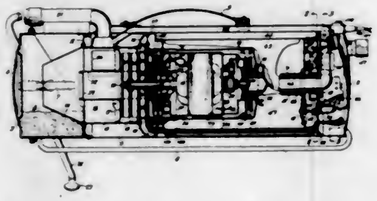
1. A dehydrating mechanism for leaf crop material, comprising a substantially horizontally disposed first dehydrating cylinder, a vertically disposed wind box forming a first separating chamber, the dehydrating cylinder discharging into said wind box at right angles thereto, suction means connected with and operative to maintain a suction against the top of the wind box and providing a suction of sufficient strength to remove the leaves from the crop material but insufficient to remove the stems whereby the latter may fall by gravity toward the bottom of the wind box, a second wind box disposed below the first wind box and in vertical alinement therewith and forming a second separating chamber, means to discharge the stems from the first wind box vertically downward and into the second wind box whereby they will fall by gravity to the bottom of said second wind box, suction means connected with and operative to maintain a suction through one side of the second wind box and at right angles to material falling vertically through such wind box and providing a suction of sufficient strength to remove leaves from the falling material but insufficient to remove the stems, conveyor means at the lower end of the second wind box onto which the stems discharge, a second dehydrating chamber, the conveyor delivering into said second dehydrating chamber.

2,450,844
REFRIGERATOR PROVIDED WITH A REFRIGERATED DRAWER
Fred W. Stuart, Cincinnati, Ohio
Application December 13, 1944, Serial No. 567,979
16 Claims. (Cl. 62—116)



1. In a device of the class described the combination of a refrigerating unit, a sliding compartment disposed in vertical, spaced relationship with the unit, a refrigerant evaporator in the compartment, a direct refrigerant expansion means affixed to the compartment and connected to the evaporator, and refrigerant transmitting means between the unit and the evaporator for permitting sliding movement of the compartment.

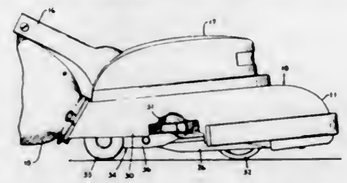
2,450,845
SUCTION CLEANER
Charles G. Troxler and George P. Daiger, Canton, Ohio, assignors to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application March 23, 1944, Serial No. 527,690
8 Claims. (Cl. 183—57)



5. In a suction cleaner of the type having an initial dirt separator, a suction-creating fan unit to draw air into and through said initial separator, and a final dirt separator to receive air exhausted from said fan unit and including an air permeable filter element; a two speed motor to drive said fan unit including a rotor and a stator, said rotor being connected to said fan unit in driving relationship, means mounting said stator for rotation, locking means normally retaining said stator against rotation, coiled spring conductors connecting said stator to a source of current and positioned as to be wound by the rotation of said stator in a direction opposite to the direction of rotor rotation, said springs exerting a torque on said stator which is greater than the torque exerted thereby in the slow speed rotation of said rotor but which is less than the torque exerted thereby in the high speed rotation of said rotor, a filter-cleaning nozzle connected to said stator and movable thereby relative to said filter to remove foreign

material therefrom, first means to increase the speed of said rotor, second means to release said locking means to permit said stator and nozzle to rotate, third means to connect said nozzle to said initial dirt separator, fourth means to reduce the speed of said rotor upon said stator traveling through a predetermined arc of rotation whereby said coiled spring conductors are enabled to rotate said stator in the opposite direction toward its original starting position, and pressure-operated means controlled by the pressure in said final dirt separator to actuate said first, second and third means in the presence of a predetermined pressure in said final dirt separator.

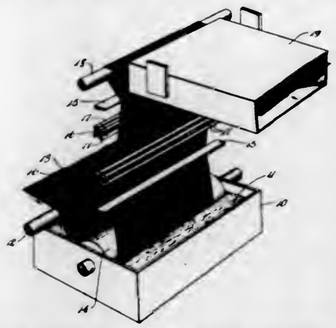
2,450,846
CONVERTER FOR SUCTION CLEANERS
Harry B. White, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application May 12, 1943, Serial No. 486,634
6 Claims. (Cl. 15—16)



3. In a suction cleaner, a cleaner body having a nozzle, suction creating means, a suction air passageway between said nozzle and suction creating means, power means for driving said suction creating means extending into said air passageway, means forming a port in said passageway for receiving a converter element, a converter element insertable in said port into said passageway, means forming a slot in said converter element for receiving said power means, and a valve movably mounted on said converter element to enclose said power means and close said slot, and means engageable with said cleaner during insertion of said converter to move said valve to open position to receive said power means, and resilient means to close said valve to seal said nozzle from said suction creating means and connect the latter to said converter element.

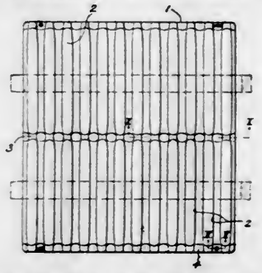
2,450,847
APPARATUS FOR TREATING RUBBER-REINFORCING CORD FABRIC
Matthew W. Wilson, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application September 22, 1944, Serial No. 555,362
1 Claim. (Cl. 91—32)

Apparatus for treating weftless cord fabric preparatory to its incorporation in a body of rubbery material, said apparatus comprising in combination means for directing a weftless cord fabric composed of a plurality of individual cords of textile material in spaced-apart parallel relation along a predetermined path, means including a tank disposed along said path for applying adhesive liquid capable of being dried to solid form to said fabric as it progresses through said tank, guiding and tensioning means disposed generally above said tank for establishing an upwardly directed reach of the said fabric and for placing the individual cords thereof under tension in said reach, means located along said reach for removing from said fabric a portion of the applied adhesive liquid before drying thereof, without disturbing the spaced-apart parallel relation of the individual cords, said means consisting of a beater disposed along one face of said reach and another beater disposed generally above said first beater and along the opposite face of said reach, each of said beaters including a rapidly rotatable member disposed with its axis of rotation parallel to the plane of said reach and a plurality of projecting edges disposed longitudinally of the said member and adapted intermittently and vigorously to engage the tensioned cords of said fabric deflecting the said



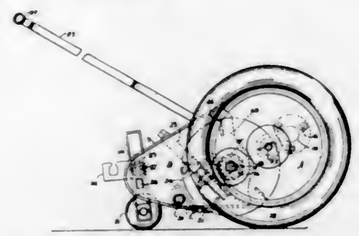
cords from their normal path and inducing vibrations therein sufficient to remove from the said fabric a portion of the said adhesive liquid from the individual cords thereof and substantially all of the said adhesive liquid from the interstices thereof, and heating means disposed further along said path and beyond the aforesaid beaters for drying the said fabric bearing the remaining adhesive liquid to produce a treated weftless cord fabric in which the individual cords possess a uniformly thin coating of solid adhesive but substantially retain their spaced-apart parallel relation.

PALLET
2,450,848
Paul M. Wisberger, Akron, Ohio, assignor to Goodyear Aircraft Corporation, Akron, Ohio, a corporation of Delaware
Application May 11, 1945, Serial No. 593,269
9 Claims. (Cl. 248—120)



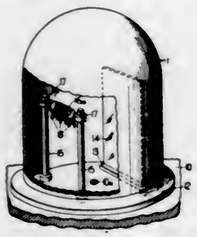
1. A pallet made of sheet material comprising two identical supporting plates being uniformly corrugated in one direction and being bent along the center transverse to said corrugations to a groove deeper than said corrugations, as well as along the edges parallel to said groove, the bottom of the groove and of said edges being in contact with each other, and detachable connecting means for holding said plates together irremovably secured to said edges.

2,450,849
LAWN MOWER
J. A. Edwin Carlson, Racine, Wis., assignor to Jacobsen Manufacturing Company, Racine, Wis.
Application July 20, 1944, Serial No. 545,761
3 Claims. (Cl. 56—249)



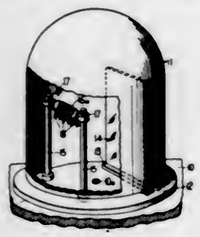
1. In a push type lawn mower, the combination of spaced end frame members having a pair of carrying wheels, rotatably mounted on the forward end thereof, a carrying member rotatably mounted on the rear ends of the frame, a pair of rearwardly extending guiding handles secured to said end frame members, a brace between the forward ends of said end members and a blade assembly secured to the rear ends thereof a distance forward therefrom and being turnably adjustably secured to the frame members, said carrying wheels having internal gears mounted on their inner sides, a blade carrying rotor rotatably mounted on said end frame members, its shaft ends protruding therethrough and having mounted thereon pinions adapted to engage the teeth of said gears, said end frame members being formed from flat stock and having outwardly extending continuous flanges on their edges which partially surround said gears, other flanges secured to said end members adapted to surround the remainder of the gears.

2,450,850
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,696
16 Claims. (Cl. 117—107)



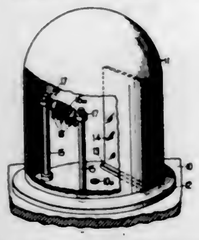
1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with a metal of the calcium family which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,851
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,697
14 Claims. (Cl. 117—107)



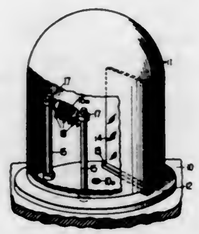
1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with aluminum which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,852
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,698
14 Claims. (Cl. 117—107)



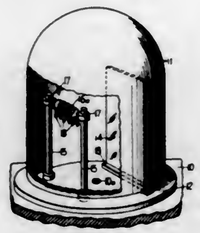
1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with magnesium which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,853
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,699
14 Claims. (Cl. 117—107)



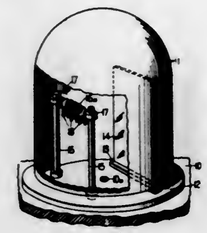
1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with titanium which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,854
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,700
14 Claims. (Cl. 117—107)



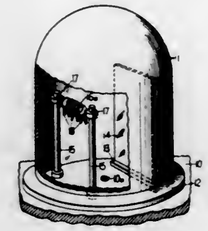
1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with manganese which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,855
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,701
14 Claims. (Cl. 117—107)



1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and coment as an alloy with chromium which causes the lumbium wherein the metal is heated on such filametal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,856
METHOD OF COATING BY EVAPORATING METALS
William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 3, 1946, Serial No. 713,702
14 Claims. (Cl. 117—107)

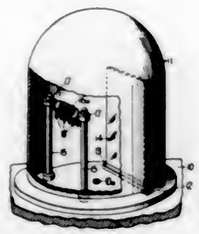


1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with zirconium which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,857
METHOD OF COATING BY EVAPORATING METALS

William H. Colbert and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application December 3, 1946, Serial No. 713,703
14 Claims. (Cl. 117—107)

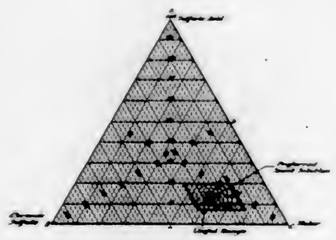


1. The method of making mirrors by the deposition of a metal on a polished support material, comprising evaporating a metal from a filament made of a metal selected from the group consisting of tungsten, tantalum, molybdenum and columbium wherein the metal is heated on such filament as an alloy with vanadium which causes the metal desired to be evaporated to wet, to adhere to, and to spread out over the filament surfaces and by the continued application of heat to evaporate, and depositing a coating thereof on said polished support material.

2,450,858
METHOD OF OXIDIZING UNSATURATED FATTY BODIES

J. D. Fitzpatrick and Latimer D. Myers, Cincinnati, Ohio

Application January 20, 1944, Serial No. 518,992
24 Claims. (Cl. 260—406)

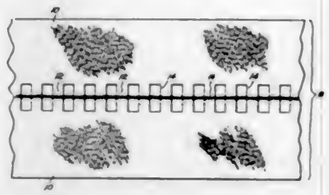


1. The method of oxidizing relatively long chain unsaturated fatty bodies to produce relatively short chain saturated fatty bodies, said method comprising electrolyzing an aqueous solution containing substantially 7 to 20% sulphuric acid and substantially 15 to 35% chromium sulphate to liberate hydrogen and convert 40 to 75% of chromium sulphate to chromic acid and sulphuric acid, treating the fatty body with said solution to produce cleavage of the chain and separating the fatty bodies so treated from said solution, all percentages being by weight.

2,450,859
MANUFACTURE OF ABRADING ELEMENTS

Floyd H. Ogden, Arlington, Mass., assignor to F. L. & J. C. Codman, Rockland, Mass., a corporation of Massachusetts

Application March 14, 1945, Serial No. 582,659
3 Claims. (Cl. 51—193)

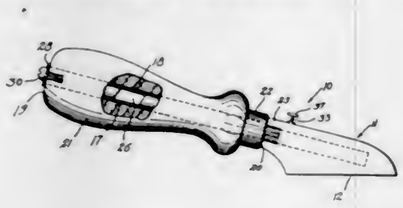


1. The method of making an abrading element which comprises cutting a cloth strip to form two complementary strips each with a series of tongues and a series of notches, the tongues of one series being disposed in the notches of the other series, separating the complementary strips and reassembling them with the ends of one series of tongues presented to the ends of the other series of tongues, and fastening the ends of one series of tongues to ends of the other series of tongues.

2,450,860
LEAD TROWEL

Lester M. Proffit, Superior, Wis.

Application September 18, 1945, Serial No. 617,085
1 Claim. (Cl. 113—111)



A lead trowel including a body having a smoothing surface and an arcuate oil guiding surface extending upwardly and rearwardly from the rear end thereof, said body being formed with a longitudinal bore extending inwardly from its rear end, said bore being internally threaded at its rear end, a tubular oil receiving reservoir externally threaded on one end for threading into the threaded end of the bore in said trowel body, aligned bores extending through said trowel body intersecting the longitudinal bore therein, one of said aligned bores being formed with a valve seat at its inner end, said other aligned bore being threaded, a screw threadable through said threaded bore having an operating head on its outer end and a ball valve on its inner end seatable in said valve seat, a ferrule and handle slidably mounted upon said oil receiving reservoir, a threaded set screw engageable in the outer end of said oil receiving reservoir, and a washer on said screw contacting the outer end of said handle to hold said parts in operative position.

2,450,861
COMPOSITION FOR DESCALING FERROUS METAL

Harold A. Robinson, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware

No Drawing. Application April 16, 1945, Serial No. 588,711
3 Claims. (Cl. 252—147)

1. A composition for descaling a ferrous metal surface comprising by weight 5 to 25 per cent of hydrogen chloride, 0.1 to 1 per cent of an organic nitrogen base selected from the group consisting of pyridine, quinoline, methyl quinoline, and o-toluidine, and 2.2 to 3.3 per cent of a water-soluble salt selected from the group consisting of the water-soluble divalent chromium salts and the water-soluble trivalent titanium salts, the balance being water.

2,450,862
ANKLE SUPPORT

George Henry Wilkinson, Windsor, Ontario, Canada; The Canada Trust Company executor of said George Henry Wilkinson, deceased

Application November 27, 1946, Serial No. 712,642
1 Claim. (Cl. 128—80)



In an ankle support adapted to be worn on a foot and associated ankle portion of the anatomy, a body member comprising a pair of sides and a back, the front of said body member being open and terminating in the rear of the toes, said member being composed of layers of resilient and pliable material and a strap secured to one end of said body member, a pair of slits in the other end of said body for receiving said strap thereby clamping the device to a foot and said strap supporting the arch of a foot.

2,450,863
AMIDES FROM SULFONYL FLUORIDES

Mario S. Altamura, Brooklyn, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

No Drawing. Application March 7, 1946, Serial No. 652,818
4 Claims. (Cl. 260—556)

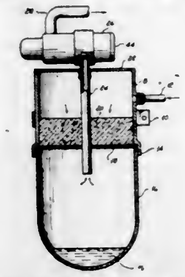
1. The method for preparing an organic sulfonamide from an organic sulfonyl fluoride of an aromatic mineral oil hydrocarbon, which comprises: reacting said organic sulfonyl fluoride with urea at a temperature between about 160° C. and about 190° C.

2,450,864
CRANKCASE VENTILATING APPARATUS

Clarence R. Callaway, New York, N. Y., and Frank R. Dunn, Little Ferry, N. J., assignors to Motor Economy Products, Inc., New York, N. Y., a corporation of New Jersey

Application April 4, 1947, Serial No. 739,488
5 Claims. (Cl. 123—196)

1. Crank case ventilating apparatus, including in combination a housing, means for supporting a filter within said housing, a reservoir, means for securing said reservoir to said housing below said filter, a conduit providing communication between the crank case of an internal combustion engine and the interior of said housing above said filter, a control valve having a valve housing formed

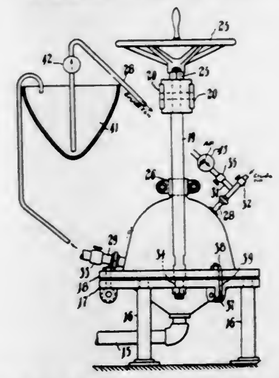


with a chamber, means providing communication between said reservoir and said valve chamber, means providing communication between said valve chamber and the intake manifold of an internal combustion engine and a valve positioned in said valve chamber adapted to control said communication.

2,450,865
FILTER

Robert Lepsoe and Edward Llewelyn Jones, Trail, British Columbia, Canada, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada, a corporation of Canada

Original application June 7, 1943, Serial No. 489,930. Divided and this application June 3, 1944, Serial No. 538,608
3 Claims. (Cl. 210—62)



1. Apparatus for filtering tin which comprises a filtrate receiving basin, an outlet for said basin, a cover for said basin detachably securable thereto in substantially air-sealing engagement, a filtering medium between said cover and said basin, an inlet conduit to said cover in communication with a source of supply of molten tin and with a source of supply of air under pressure, an outlet conduit from said cover in communication with the source of supply of molten tin, said conduits extending into said cover above said filtering medium and the inlet end of the outlet conduit being positioned adjacent to the filtering medium, valves in said conduits for regulating the flow of molten tin and air to said cover and molten tin from said cover, said inlet

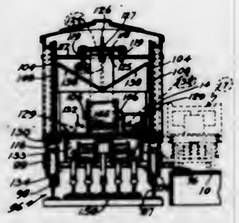
and outlet conduits being adapted to circulate molten tin from and to the source of supply through all parts of said cover and the valve in the outlet conduit being adapted to stop such circulation, pressure means for maintaining said circulation and for forcing molten tin through said filtering medium when said circulation is stopped, means for forcing through the filtering medium the molten tin contained in the residue retained thereon, and means for raising the cover for removal of the residue collected on the filtering medium.

2,450,866
POULTRY TREATMENT COMPOSITION
Neal F. Morehouse and Orley J. Mayfield, Charles City, Iowa, assignors to Dr. Salsbury's Laboratories, Charles City, Iowa, a corporation of Iowa
No Drawing. Application October 4, 1946, Serial No. 701,076
16 Claims. (Cl. 167—53.1)

1. A composition for the treatment of poultry containing a vehicle adapted for oral ingestion and a substance selected from the group consisting of 3-nitro-4-hydroxy phenyl arsonic acid, water soluble salts of 3-nitro-4-hydroxy phenyl arsonic acid and mixtures thereof in the approximate concentration range of 0.00005% to 0.035%.

2,450,867
TOY CAR UNLOADER
William R. Smith, Philadelphia, Pa., assignor to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland
Application December 15, 1942, Serial No. 469,046
3 Claims. (Cl. 46—218)

1. An elongated toy railway box car constructed and operative to unload therefrom a toy article, including in combination, a side wall of the car containing a doorway for a slidable door, a horizontal main floor of the car having a cut-out extending through the lateral edge of said floor at said doorway, an auxiliary floor section constructed and pivotally mounted to turn about an axis positioned to enable said floor section to swing about said axis between a tilted position occupying said doorway and blocking said door and a normal position in coplanar relation to said



car floor confined to the limits of said cut-out in the latter, means normally to suport said floor section in said position, means to swing said floor section upward away from its said position toward said doorway into a tilted position, and a stop arranged in the path of the upward swinging movement of said section thereby suddenly to check said section in tilted position for catapulting out of said doorway a toy article resting on said floor section.

DESIGNS

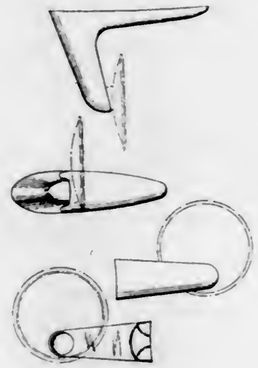
OCTOBER 5, 1948

151,204
DESIGN FOR A WATCH DIAL
George H. Adamson, Tecumseh, Mich.
Application December 9, 1947, Serial No. 143,079
Term of patent 14 years
(Cl. D42—10)



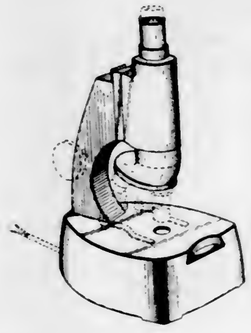
The ornamental design for a watch dial, substantially as shown and described.

151,205
DESIGN FOR A REAR VISION MIRROR OR SIMILAR ARTICLE
James W. Anderson, Jr., Detroit, Mich.
Application August 15, 1947, Serial No. 140,891
Term of patent 7 years
(Cl. D14—6)



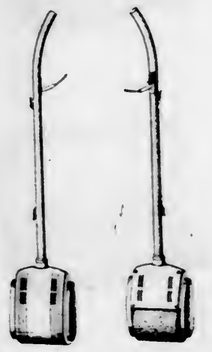
The ornamental design for a rear vision mirror or similar article, substantially as shown and described.

151,206
DESIGN FOR A MICROSCOPE OR SIMILAR ARTICLE
John T. Armbruster, Niagara Falls, and Thomas G. Aitcheson, Kenmore, N. Y., assignors to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application September 30, 1947, Serial No. 141,672
Term of patent 14 years
(Cl. D57—1)



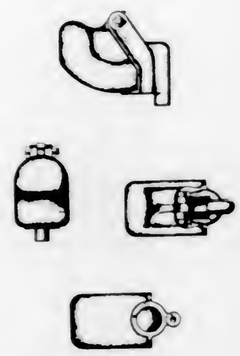
The ornamental design for a microscope or similar article, substantially as shown and described.

151,207
DESIGN FOR AN ELECTRIC FLOOR POLISHER
Kenneth C. Atkin, Muskegon, Mich., assignor to Clarke Sanding Machine Company, Muskegon, Mich., a corporation of Michigan
Application January 12, 1948, Serial No. 143,667
Term of patent 14 years
(Cl. D9—2)



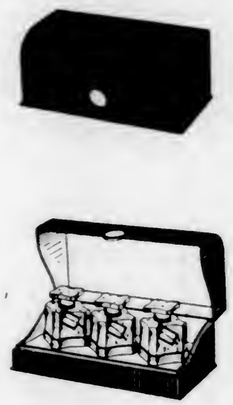
The ornamental design for an electric floor polisher, substantially as shown.

151,208
DESIGN FOR A HEAD FOR RAILROAD WATER HYDRANTS AND SIMILAR ARTICLES
Thomas E. Bart, Cincinnati, Ohio, assignor to The Murdock Mfg. & Supply Co., Cincinnati, Ohio, a corporation of Ohio
Application September 3, 1946, Serial No. 133,028
Term of patent 14 years
(Cl. D91—1)



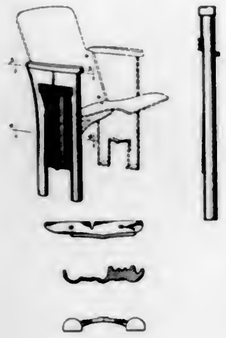
The ornamental design for a head for railroad water hydrants and similar articles, as shown.

151,209
DESIGN FOR A COMBINED HOLDER AND CONTAINERS FOR PERFUMERY
Georges Baud, Paris, France
Application March 29, 1946, Serial No. 128,048
Term of patent 14 years
(Cl. D80—5)



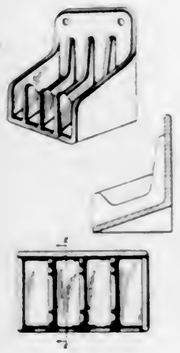
The ornamental design for a combined holder and containers for perfumery, as shown and described.

151,210
DESIGN FOR A CHAIR STANDARD
Willard H. Bond, Jr., Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application March 8, 1947, Serial No. 137,461
Term of patent 14 years
(Cl. D15—8)



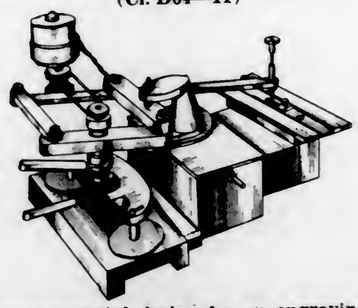
The ornamental design for a chair standard, substantially as shown and described.

151,211
DESIGN FOR A SOAP DISH
Joseph W. Bradbury, Bridgeport, Conn.
Application October 25, 1946, Serial No. 134,238
Term of patent 3½ years
(Cl. D4—3)



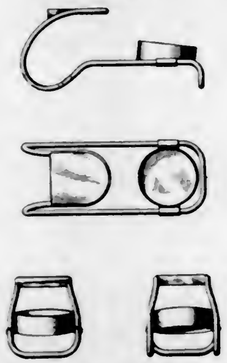
The ornamental design for a soap dish, as shown.

151,212
DESIGN FOR AN ENGRAVING MACHINE
Philip J. Brohawn, New York, N. Y., assignor to International Engraving Machine Corp., a corporation of New York
Application September 28, 1946, Serial No. 133,816
Term of patent 3½ years
(Cl. D64—11)



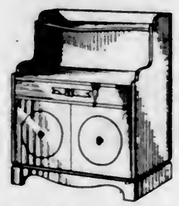
The ornamental design for an engraving machine, substantially as shown.

151,213
DESIGN FOR A MILKING STOOL
Charles C. Bruner, Wichita, Kans.
Application February 3, 1947, Serial No. 136,649
Term of patent 3½ years
(Cl. D23—1)



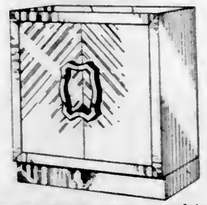
The ornamental design for a milking stool, as shown.

151,214
DESIGN FOR A CABINET OR SIMILAR ARTICLE
Anthony J. Buckner, New York, N. Y., assignor to Grosfeld House, Inc., New York, N. Y.
Application March 29, 1947, Serial No. 138,046
Term of patent 7 years
(Cl. D33—19)



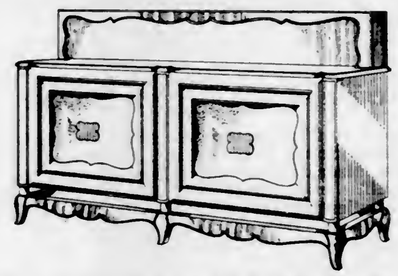
The ornamental design for a cabinet or similar article, substantially as shown and described.

151,215
DESIGN FOR A CABINET OR SIMILAR ARTICLE
Anthony J. Buckner, New York, N. Y., assignor to Grosfeld House, Inc., New York, N. Y.
Application March 29, 1947, Serial No. 138,051
Term of patent 7 years
(Cl. D33—19)



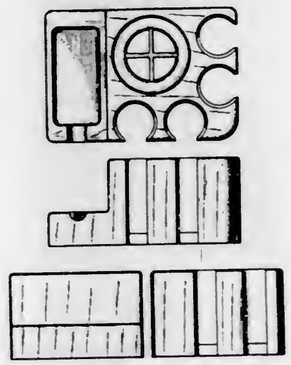
The ornamental design for a cabinet or similar article, substantially as shown and described.

151,216
DESIGN FOR A CABINET OR SIMILAR ARTICLE
Anthony J. Buckner, New York, N. Y., assignor to Grosfeld House, Inc., New York, N. Y.
Application March 29, 1947, Serial No. 138,052
Term of patent 7 years
(Cl. D33—19)



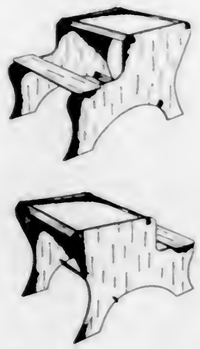
The ornamental design for a cabinet or similar article, substantially as shown and described.

151,217
DESIGN FOR A COMBINED ASHTRAY, GLASS, AND POKER CHIP HOLDER
Mary Buehren, Winnetka, Ill.
Application December 3, 1946, Serial No. 135,236
Term of patent 14 years
(Cl. D85—2)



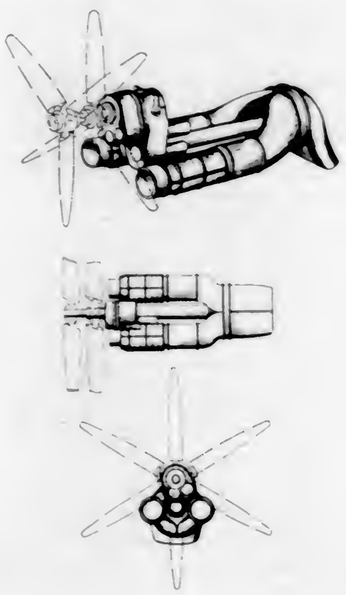
The ornamental design for a combined ash tray, glass, and poker chip holder, as shown.

151,218
DESIGN FOR A CHILD'S DESK
Paul P. Cameron, Flint, Mich., assignor to Parker Products Company, Flint, Mich., a corporation of Michigan
Application March 10, 1947, Serial No. 137,492
Term of patent 3½ years
(Cl. D33—7)



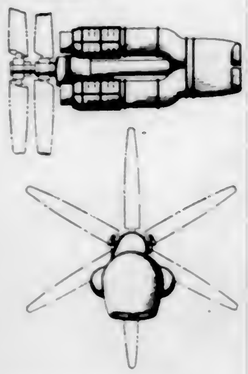
The ornamental design for a child's desk, substantially as shown.

151,219
DESIGN FOR A TURBINE JET AIRCRAFT ENGINE
Milton U. Clauser, Los Angeles, and Arlton N. Hatch, Santa Monica, Calif., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif.
Application July 2, 1946, Serial No. 131,280
Term of patent 7 years
(Cl. D71—1)

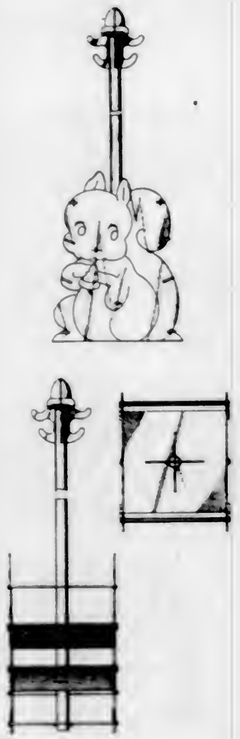


The ornamental design for a turbine jet aircraft engine, substantially as shown and described.

151,219—Continued

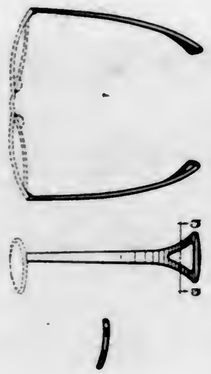


151,220
DESIGN FOR A COSTUMER OR THE LIKE
Lloyd S. Crain, Evanston, Ill.
Application March 29, 1946, Serial No. 128,079
Term of patent 3½ years
(Cl. D33—8)



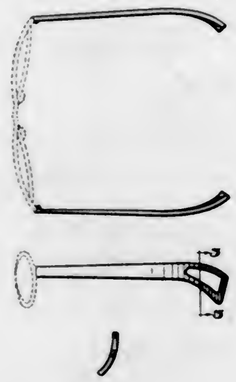
The ornamental design for a costumer or the like, substantially as shown.

151,221
DESIGN FOR A SPECTACLE FRAME
Arthur Ditto, Boston, Mass., assignor to Marine Optical Mfg. Co., Boston, Mass., a partnership
Application November 6, 1947, Serial No. 142,348
Term of patent 14 years
(Cl. D57—1)



The ornamental design for a spectacle frame, as shown and described.

151,222
DESIGN FOR A SPECTACLE FRAME
Arthur Ditto, Boston, Mass., assignor to Marine Optical Mfg. Co., Boston, Mass., a partnership
Application November 6, 1947, Serial No. 142,349
Term of patent 14 years
(Cl. D57—1)



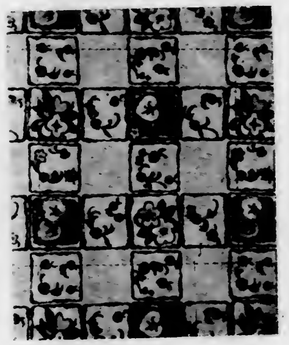
The ornamental design for a spectacle frame, as shown and described.

151,223
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Samuel A. Dix, New York, N. Y., assignor to Bartmann & Bixer, Inc., New York, N. Y., a corporation of New York
Application October 3, 1947, Serial No. 141,721
Term of patent 14 years
(Cl. D92—1)



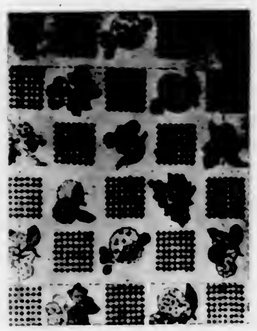
The ornamental design for a textile fabric or similar article, substantially as shown and described.

151,224
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Samuel A. Dix, New York, N. Y., assignor to Bartmann & Bixer, Inc., New York, N. Y., a corporation of New York
Application October 3, 1947, Serial No. 141,722
Term of patent 14 years
(Cl. D92—1)



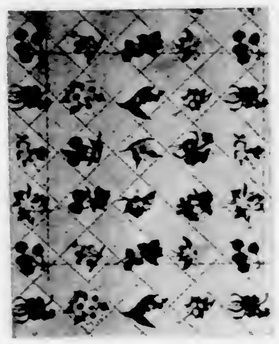
The ornamental design for a textile fabric or similar article, substantially as shown and described.

151,225
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Samuel A. Dix, New York, N. Y., assignor to Bartmann & Bixer, Inc., New York, N. Y., a corporation of New York
Application October 3, 1947, Serial No. 141,723
Term of patent 14 years
(Cl. D92—1)



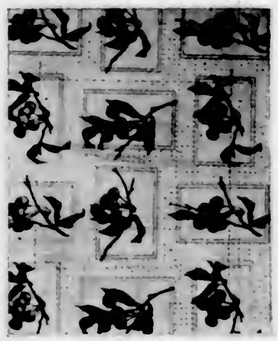
The ornamental design for a textile fabric or similar article, substantially as shown and described.

151,226
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Samuel A. Dix, New York, N. Y., assignor to Bartmann & Bixer, Inc., New York, N. Y., a corporation of New York
Application October 3, 1947, Serial No. 141,724
Term of patent 14 years
(Cl. D92—1)



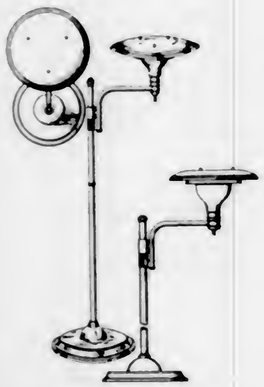
The ornamental design for a textile fabric or similar article, substantially as shown and described.

151,227
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Samuel A. Dix, New York, N. Y., assignor to Bartmann & Bixer, Inc., New York, N. Y., a corporation of New York
Application October 3, 1947, Serial No. 141,725
Term of patent 14 years
(Cl. D92—1)



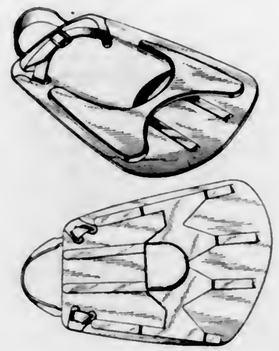
The ornamental design for a textile fabric or similar article, substantially as shown and described.

151,228
DESIGN FOR A FLOOR LAMP
Leroy C. Doane, Essex, Conn., assignor to The Sight Light Corporation, Deep River, Conn., a corporation of Connecticut
Application June 7, 1946, Serial No. 130,494
Term of patent 14 years
(Cl. D48—20)



The ornamental design for a floor lamp, substantially as shown.

151,229
DESIGN FOR A SWIMMING FLIPPER
Donald F. Eddy, South Gate, Calif.
Application March 10, 1947, Serial No. 137,486
Term of patent 14 years
(Cl. D71—1)



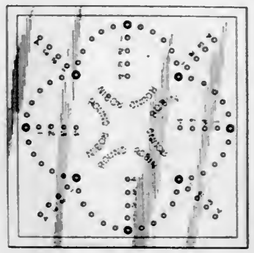
The ornamental design for a swimming flipper, substantially as shown.

151,230
DESIGN FOR AN EXPANSIBLE LINK CHAIN FOR A BRACELET OR SIMILAR ARTICLE
Emil E. Fachon, Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y., a corporation of New York
Application June 28, 1947, Serial No. 139,996
Term of patent 7 years
(Cl. D45—4)



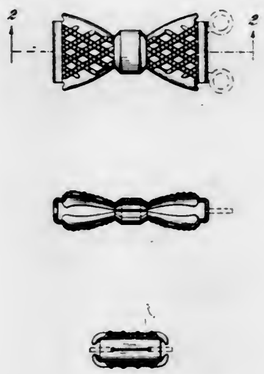
The ornamental design for an expansible link chain for a bracelet or similar article, as shown.

151,231
DESIGN FOR A GAME BOARD
John E. Funderburg, Ashland, Ky.
Application April 29, 1947, Serial No. 138,680
Term of patent 14 years
(Cl. D34—5)



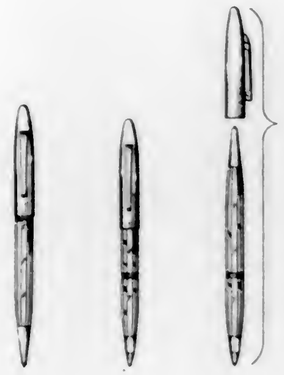
The ornamental design for a game board, as shown.

151,232
DESIGN FOR A CONNECTING LINK FOR A NECKLACE OR SIMILAR ARTICLE
Robert Gardel, New York, N. Y.
Application December 24, 1947, Serial No. 143,317
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a connecting link for a necklace or similar article, substantially as shown and described.

151,233
DESIGN FOR A COMBINATION PEN AND PENCIL
Gerald A. Goessling, Richmond Heights, Mo., assignor to Quick Point Pencil Co., St. Louis, Mo., a corporation of Missouri
Application September 17, 1947, Serial No. 141,449
Term of patent 14 years
(Cl. D74—24)



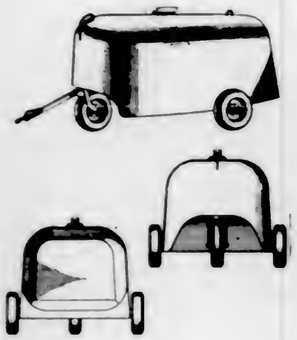
The ornamental design for a combination pen and pencil, substantially as shown.

151,234
DESIGN FOR A COMBINED EYE SHADOW AND ROUGE CASE
Elizabeth N. Graham, New York, N. Y.
Application July 22, 1947, Serial No. 140,454
Term of patent 14 years
(Cl. D86—10)



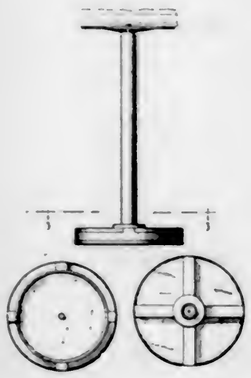
The ornamental design for a combined eye shadow and rouge case, substantially as shown and described.

151,235
DESIGN FOR A TRAILER VEHICLE
Gerald J. Harman, Beverly Hills, Calif.
Application August 15, 1946, Serial No. 132,555
Term of patent 7 years
(Cl. D14—3)



The ornamental design for a trailer vehicle, as shown.

151,236
DESIGN FOR A SMOKER'S STAND OR THE LIKE
Philip S. Harper, Chicago, Ill., assignor to Harper-Wyman Company, Chicago, Ill., a corporation of Illinois
Application June 24, 1946, Serial No. 130,983
Term of patent 14 years
(Cl. D85—2)

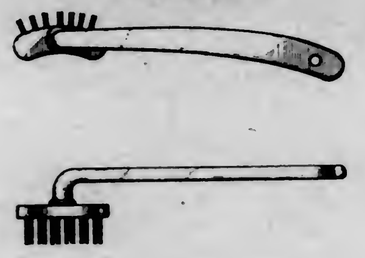


151,236—Continued



The ornamental design for a smoker's stand or the like, as shown and described.

151,237
DESIGN FOR A TOOTHBRUSH
Kenneth Harris and Otto A. May, Chicago, Ill.
Application July 30, 1947, Serial No. 140,619
Term of patent 7 years
(Cl. D9—2)



The ornamental design for a toothbrush, as shown.

151,238
DESIGN FOR A PARING KNIFE
Leo A. Heintzelman, Grand Rapids, Mich.
Application October 25, 1946, Serial No. 134,224
Term of patent 3½ years
(Cl. D22—3)



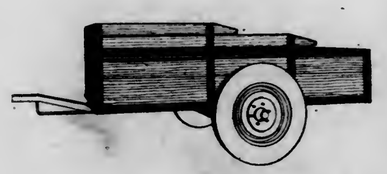
The ornamental design for a paring knife, as shown.

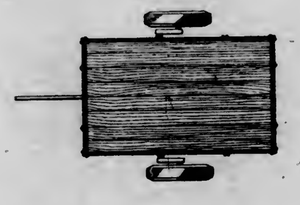
151,239
DESIGN FOR A COMBINED TEA URN AND STAND
Vilhelm Hingelberg, Aarhus, Denmark
Application December 10, 1946, Serial No. 135,388
Term of patent 14 years
(Cl. D44—25)



The ornamental design for a combined tea urn and stand, as shown and described.

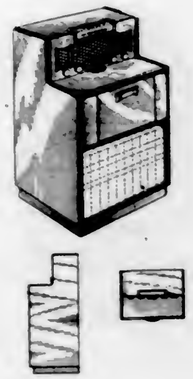
151,240
DESIGN FOR A TWO-WHEEL TRAILER
Oliver W. Inskeep, Stockton, Calif., assignor to Harris Manufacturing Company, Stockton, Calif., a corporation of California
Application November 5, 1945, Serial No. 123,443
Term of patent 14 years
(Cl. D14—3)





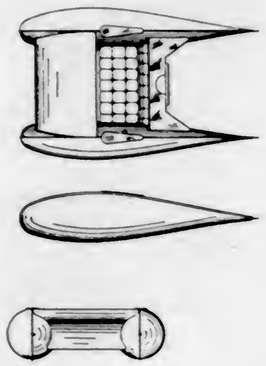
The ornamental design for a two-wheel trailer, as shown and described.

151,241
DESIGN FOR A RADIO RECEIVER CABINET
Albert L. Jenks, Dixon, Ill., assignor to Motorola, Inc., Chicago, Ill., a corporation of Illinois
Application August 23, 1947, Serial No. 141,025
Term of patent 7 years
(Cl. D56—4)



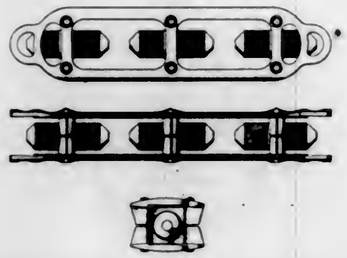
The ornamental design for a radio receiver cabinet, substantially as shown and described.

151,242
DESIGN FOR A BOAT
John E. Jones, Long Beach, Calif., assignor to James C. Whittaker Co., Inc., Long Beach, Calif., a corporation of California
Application February 7, 1947, Serial No. 136,772
Term of patent 7 years
(Cl. D71—1)



The ornamental design for a boat, as shown.

151,243
DESIGN FOR AN ELECTROLYTIC WATER CORRECTION DEVICE
Theodore C. Jones, Louisville, Ky.
Application October 3, 1947, Serial No. 141,730
Term of patent 14 years
(Cl. D26—1)



The ornamental design for an electrolytic water correction device, as shown and described.

151,244
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 15, 1948, Serial No. 143,789
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,245
DESIGN FOR A CLIP OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,162
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a clip or similar article, substantially as shown.

151,246
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,163
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,247
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,164
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,248
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,165
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,249
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,166
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,250
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application January 30, 1948, Serial No. 144,167
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,251
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,257
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,252
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,259
Term of patent 7 years
(Cl. D45—4)



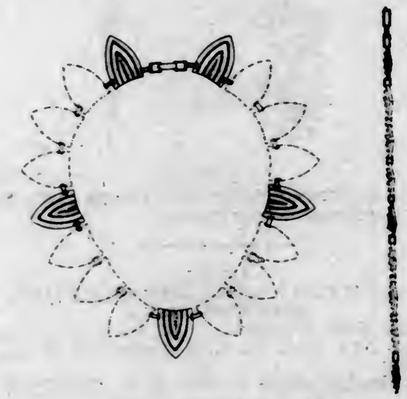
The ornamental design for a bracelet or similar article, substantially as shown and described.

151,253
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,261
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,254
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,267
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,255
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 12, 1948, Serial No. 144,437
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,256
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 12, 1948, Serial No. 144,443
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,257
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 27, 1948, Serial No. 144,787
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,258
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1948, Serial No. 145,071
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

151,259
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1948, Serial No. 145,072
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

151,260
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,125
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,261
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,131
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,262
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,162
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

151,263
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,163
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,264
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,165
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article substantially as shown.

151,265
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,166
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

151,266
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,167
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

151,267
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,168
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown and described.

151,268
DESIGN FOR A JEWELRY FINDING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 24, 1948, Serial No. 145,301
Term of patent 7 years
(Cl. D45—1)



The ornamental design for a jewelry finding or similar article, substantially as shown.

151,269
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application June 25, 1948, Serial No. 147,198
Term of patent 7 years
(Cl. D45—16)



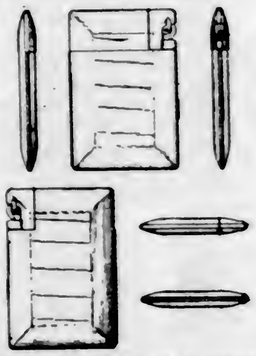
The ornamental design for a necklace or similar article, substantially as shown and described.

151,270
DESIGN FOR A LOUNGE
Martin Kaufman, Minneapolis, Minn.
Application May 19, 1947, Serial No. 139,134
Term of patent 14 years
(Cl. D15—11)



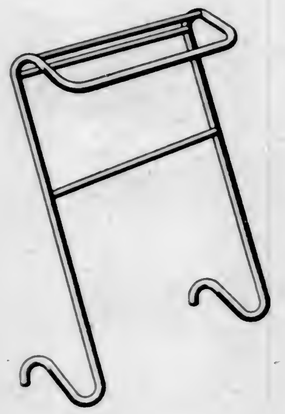
The ornamental design for a lounge, substantially as shown.

151,271
DESIGN FOR A COMBINED LIGHTER AND CIGARETTE CASE
David M. King, Chicago, and Albert Wewetzer, Elgin, Ill., assignors to Illinois Watch Case Co., a corporation of Illinois
Application April 11, 1947, Serial No. 138,310
Term of patent 14 years
(Cl. D48—27)



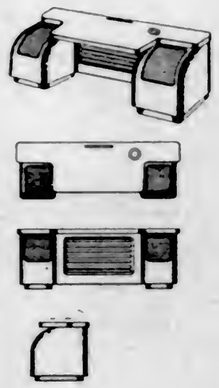
The ornamental design for a combined lighter and cigarette case, as shown.

151,272
DESIGN FOR A TOWEL RACK
Karl Kipp, Olean, N. Y., assignor to Daystrom Corporation, Olean, N. Y., a corporation of New York
Application May 10, 1946, Serial No. 129,573
Term of patent 7 years
(Cl. D33—16)



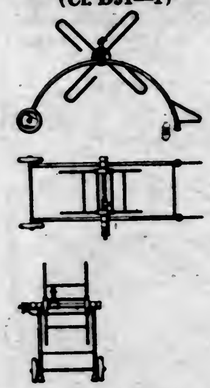
The ornamental design for a towel rack, substantially as shown.

151,273
DESIGN FOR A TABLE TYPE REFRIGERATOR
Edward A. Kirchhof, Altadena, Calif.
Application September 23, 1946, Serial No. 133,497
Term of patent 3½ years
(Cl. D67—3)



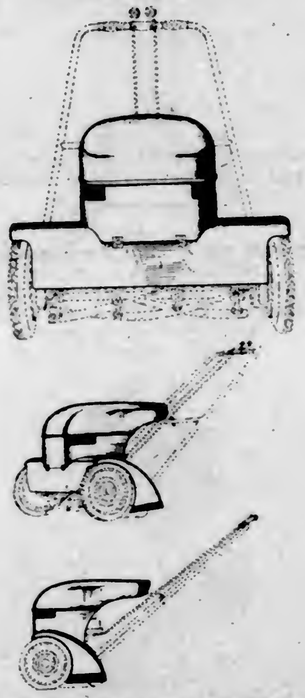
The ornamental design for a table type refrigerator, as shown.

151,274
DESIGN FOR A HOSE REEL
Henry E. Kirschner, St. Joseph, Mo.
Application September 23, 1946, Serial No. 133,498
Term of patent 7 years
(Cl. D91—1)



The ornamental design for a hose reel, as shown.

151,275
DESIGN FOR A POWER LAWN MOWER
Marlowe H. Kluter, Richmond, Ind., assignor to The F. & N. Lawn Mower Company, Richmond, Ind., a corporation of Delaware
Application October 30, 1946, Serial No. 134,376
Term of patent 14 years
(Cl. D40—1)



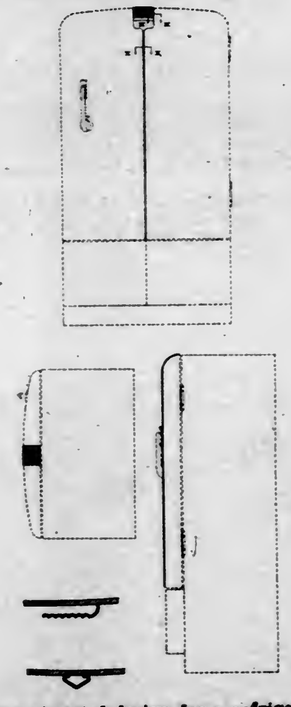
The ornamental design for a power lawn mower, substantially as shown and described.

151,276
DESIGN FOR A FISH LURE
Hosea Lamb, Ponca City, Okla.
Application July 9, 1946, Serial No. 131,429
Term of patent 3½ years
(Cl. D31—4)



The ornamental design for a fish lure, as shown.

151,277
DESIGN FOR A REFRIGERATOR CABINET
John M. Little, Toledo, Ohio, assignor to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application November 21, 1946, Serial No. 134,967
Term of patent 14 years
(Cl. D67—3)



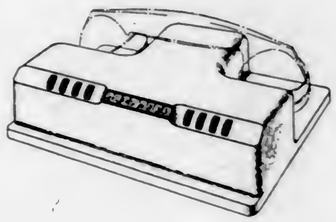
The ornamental design for a refrigerator cabinet, substantially as shown and described.

151,278
DESIGN FOR A TWINE HOLDER
Jack Lucchesi, Chicago, Ill.
Application July 13, 1946, Serial No. 131,570
Term of patent 14 years
(Cl. D44—30)



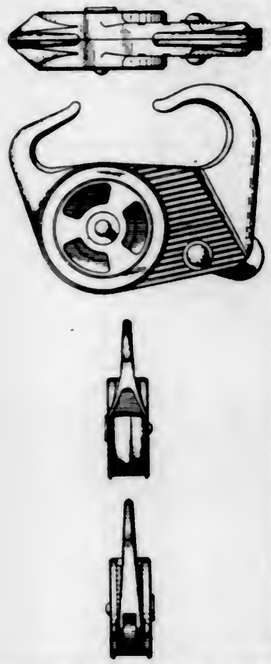
The ornamental design for a twine holder, as shown.

151,279
DESIGN FOR A DESK STAND FOR A HAND TELEPHONE SET
Warren A. Marrison, Maplewood, N. J., and Francis M. Thayer, Jackson Heights, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 13, 1946, Serial No. 135,466
Term of patent 14 years
(Cl. D26—14)



The ornamental design for a desk stand for a hand telephone set, as shown and described.

151,280
DESIGN FOR A RAILWAY CAR DOOR OPENER AND CLOSER
Glenn W. Merritt, Bowerston, Ohio, assignor to The Nolan Company, Bowerston, Ohio, a corporation of Ohio
Application March 11, 1946, Serial No. 127,333
Term of patent 14 years
(Cl. D50—5)



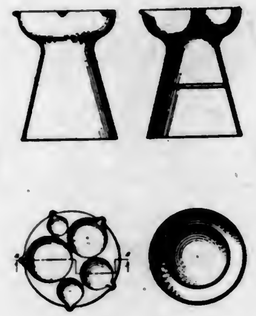
The ornamental design for a railway car door opener and closer, as shown and described.

151,281
DESIGN FOR A PORTABLE STORAGE CHEST OR SIMILAR ARTICLE
Swen M. Meyer, Stockton, Calif.
Application April 14, 1947, Serial No. 138,342
Term of patent 14 years
(Cl. D33—19)



The ornamental design for a portable storage chest or similar article, as shown and described.

151,282
DESIGN FOR A COMBINED SPOON AND CUP MEASURER
Lois E. Middleton, Oakland, Calif.
Application December 3, 1946, Serial No. 135,240
Term of patent 14 years
(Cl. D44—9)



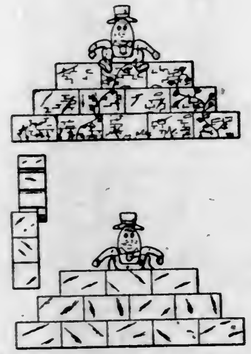
The ornamental design for a combined spoon and cup measurer, as shown.

151,283
DESIGN FOR A BOTTLE CAP
Edith Jean Blanc Miller, Chicago, Ill., assignor to Associated Products, Inc., Chicago, Ill., a corporation of Illinois
Application January 19, 1946, Serial No. 125,726
Term of patent 3½ years
(Cl. D58—26)



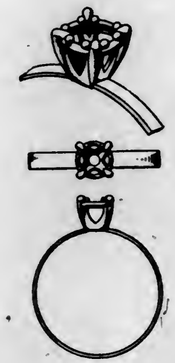
The ornamental design for a bottle cap, substantially as shown.

151,284
DESIGN FOR A JIG-SAW PUZZLE
Richard B. Morris, Quincy, Ill.
Application June 28, 1946, Serial No. 131,115
Term of patent 14 years
(Cl. D34—15)



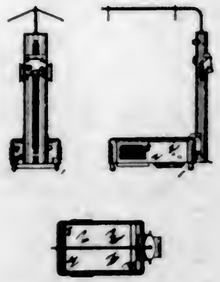
The ornamental design for a jig-saw puzzle, as shown and described.

151,285
DESIGN FOR A FINGER RING MOUNTING
David Pfeffer, New York, N. Y.
Application September 17, 1946, Serial No. 133,365
Term of patent 3½ years
(Cl. D45—10)



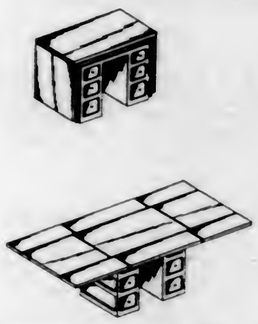
The ornamental design for a finger ring mounting, as shown.

151,286
DESIGN FOR AN OXYGEN THERAPY APPARATUS
Andrew H. St. Louis, Utica, N. Y.
Application April 7, 1947, Serial No. 138,213
Term of patent 14 years
(Cl. D83—1)



The ornamental design for an oxygen therapy apparatus, as shown.

151,287
DESIGN FOR A COMBINED DINING TABLE AND WRITING DESK
Margaret Sanders, Pittsburgh, Pa.
Application December 5, 1946, Serial No. 135,275
Term of patent 3½ years
(Cl. D33—14)



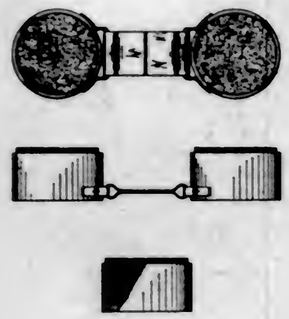
The ornamental design for a combined dining table and writing desk, as shown.

151,288
DESIGN FOR A PENDANT CHARM
Ernst G. Schwarz, New York, N. Y.
Application February 7, 1948, Serial No. 144,350
Term of patent 3½ years
(Cl. D45—19)



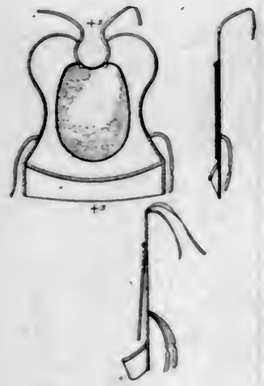
The ornamental design for a pendant charm, substantially as shown and described.

151,289
DESIGN FOR AN ARTICULATED PIN TRAY UNIT
Ruth M. Seeger, Newark, N. J.
Application July 9, 1946, Serial No. 131,422
Term of patent 14 years
(Cl. D3—19)



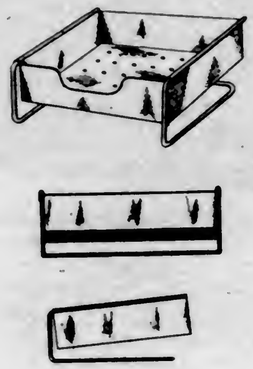
The ornamental design for an articulated pin tray unit, as shown.

151,290
DESIGN FOR A MULTIPLE BIB
Irving Shelton, New York, N. Y., assignor to Mistletoe Children's Products, Inc., New York, N. Y., a corporation of New York
Application September 13, 1947, Serial No. 141,380
Term of patent 7 years
(Cl. D3—26)



The ornamental design for a multiple bib, substantially as shown.

151,291
DESIGN FOR A DOG BED OR SIMILAR ARTICLE
Paul E. Shoemaker, Los Angeles, and Lyle L. Lewis, Sherman Oaks, Calif.
Application December 2, 1946, Serial No. 135,204
Term of patent 3½ years
(Cl. D12—5)



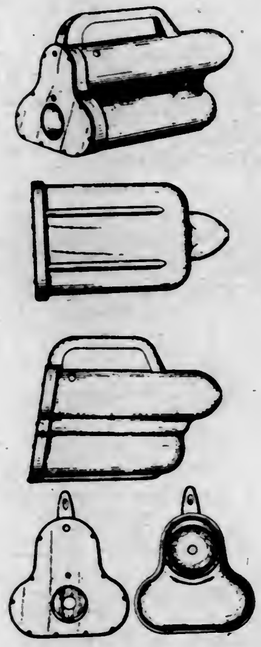
The ornamental design for a dog bed or similar article, substantially as shown.

151,292
DESIGN FOR A TOY JACK-IN-THE-BOX
William Smith, New York, N. Y.
Application August 25, 1947, Serial No. 141,057
Term of patent 3½ years
(Cl. D34—15)



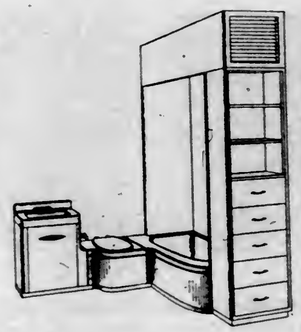
The ornamental design for a toy jack-in-the-box, as shown.

151,293
DESIGN FOR A DEVICE FOR DISPENSING LIQUID IN SPRAYED OR GASEOUS FORM
Hamilton R. Stagner, St. Louis, Mo.
Application July 3, 1947, Serial No. 140,088
Term of patent 14 years
(Cl. D62—2)

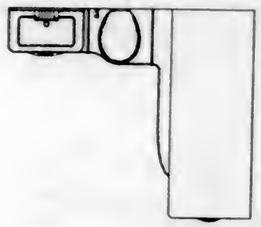


The ornamental design for a device for dispensing liquid in sprayed or gaseous form, as shown.

151,294
DESIGN FOR A BATHROOM ENSEMBLE
Jacques Stanitz, Warren, Ohio, assignor to Mullins Manufacturing Corporation, Salem, Ohio, a corporation of New York
Application April 9, 1947, Serial No. 138,265
Term of patent 14 years
(Cl. D4—5)

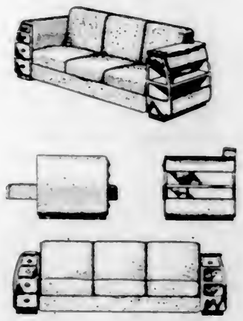


151,294—Continued



The ornamental design for a bathroom ensemble, substantially as shown.

151,295
DESIGN FOR A SOFA BED
George L. Stanley, Fort Worth, Tex.
Application April 17, 1947, Serial No. 138,462
Term of patent 14 years
(Cl. D5—4)



The ornamental design for a sofa bed, substantially as shown.

151,296
DESIGN FOR A RADIO PHONOGRAPH CABINET
Leland George Stone, Fort Wayne, Ind., assignor to The Magnavox Company, Fort Wayne, Ind., a corporation of Delaware
Application April 24, 1947, Serial No. 138,596
Term of patent 7 years
(Cl. D56—4)



The ornamental design for a radio phonograph cabinet, substantially as shown and described.

151,297
DESIGN FOR A RADIO PHONOGRAPH CABINET
Leland George Stone, Fort Wayne, Ind., assignor to The Magnavox Company, Fort Wayne, Ind., a corporation of Delaware
Application April 30, 1947, Serial No. 138,702
Term of patent 7 years
(Cl. D56—4)

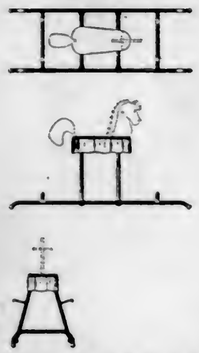


The ornamental design for a radio phonograph cabinet, substantially as shown and described.

151,298
DESIGN FOR A HELICOPTER
Frank L. Sutton, Buffalo, N. Y., assignor to Bell Aircraft Corporation, Wheatfield, N. Y.
Application August 22, 1947, Serial No. 140,993
Term of patent 14 years
(Cl. D71—1)

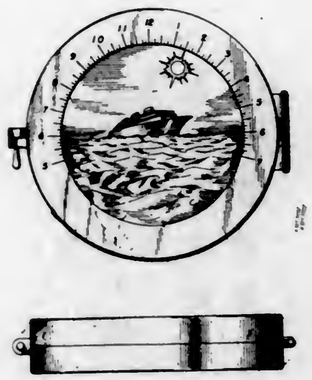
The ornamental design for a helicopter, as shown and described.

151,299
DESIGN FOR A HOBBYHORSE
Robert C. Swengel, York, Pa.
Application November 12, 1946, Serial No. 134,702
Term of patent 14 years
(Cl. D34—15)



The ornamental design for a hobbyhorse, as shown and described.

151,300
DESIGN FOR A CLOCK
William Francis Thompson, Philadelphia, Pa.
Application February 26, 1947, Serial No. 137,177
Term of patent 14 years
(Cl. D42—7)



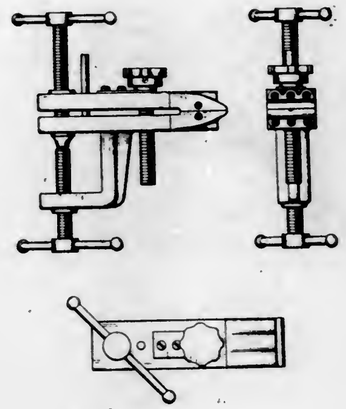
The ornamental design for a clock, as shown.

151,301
DESIGN FOR A COMBINED WRIST WATCH AND STEM GUARD
James A. Tuffo, Boston, Mass.
Application July 5, 1947, Serial No. 140,099
Term of patent 14 years
(Cl. D42—8)



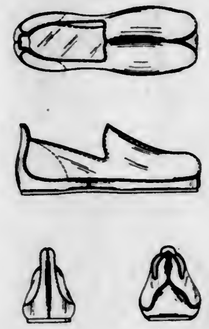
The ornamental design for a combined wrist watch and stem guard, substantially as shown.

151,302
DESIGN FOR A BENCH VISE
Benjamin Uydess, New York, N. Y.
Application March 29, 1947, Serial No. 138,037
Term of patent 3½ years
(Cl. D54—13)



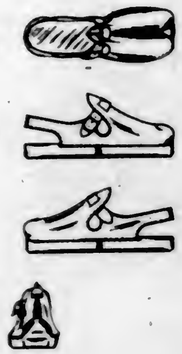
The ornamental design for a bench vise, substantially as shown.

151,303
DESIGN FOR A SHOE
John J. Walsh, St. Louis, Mo.
Application April 21, 1947, Serial No. 138,524
Term of patent 14 years
(Cl. D7—7)



The ornamental design for a shoe, substantially as shown.

151,304
DESIGN FOR A SHOE
John J. Walsh, St. Louis, Mo.
Application April 21, 1947, Serial No. 138,525
Term of patent 14 years
(Cl. D7—7)



The ornamental design for a shoe, substantially as shown.

151,305
DESIGN FOR A PUSH BUTTON
Chauncey E. Waltman, Chicago, Ill., assignor to Nutone, Incorporated, Cincinnati, Ohio, a corporation of New York
Application January 16, 1947, Serial No. 136,184
Term of patent 3½ years
(Cl. D26—13)



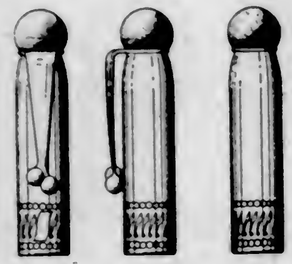
The ornamental design for a push botton, substantially as shown.

151,306
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR THE LIKE
Julius Weisman, Providence, R. I., assignor to Plainville Stock Company, Plainville, Mass., a corporation of Massachusetts
Application May 4, 1948, Serial No. 146,158
Term of patent 14 years
(Cl. D64—12)



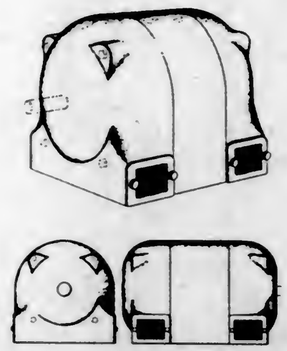
The ornamental design for an alphabet for forming monograms or the like, substantially as shown.

151,307
DESIGN FOR A COMBINED CAP AND CLIP FOR A FOUNTAIN PEN OR SIMILAR ARTICLE
Alexander Sydney Weston, New York, N. Y.
Application April 21, 1947, Serial No. 138,512
Term of patent 14 years
(Cl. D74—1)



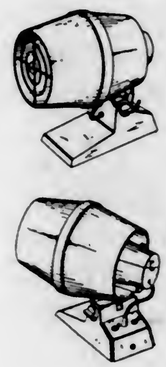
The ornamental design for a combined cap and clip for a fountain pen or similar article, as shown.

151,308
DESIGN FOR AN ELECTRIC MOTOR
Theodore R. Wieseman and Russell I. Robinson, Milwaukee, Wis., assignors to The Louis Allis Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 17, 1947, Serial No. 141,964
Term of patent 14 years
(Cl. D26—5)



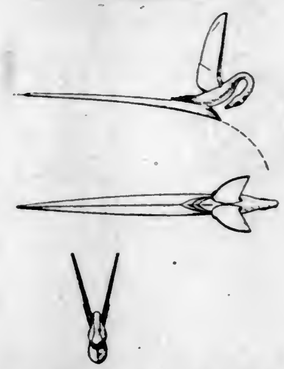
The ornamental design for an electric motor, as shown and described.

151,309
DESIGN FOR AN OSCILLATING ELECTRIC FAN TYPE HEATER
Samuel A. Witte, Chicago, Ill., assignor to Wittle Mfg. & Sales Co., Chicago, Ill., a firm
Application July 3, 1947, Serial No. 140,091
Term of patent 14 years
(Cl. D81—10)



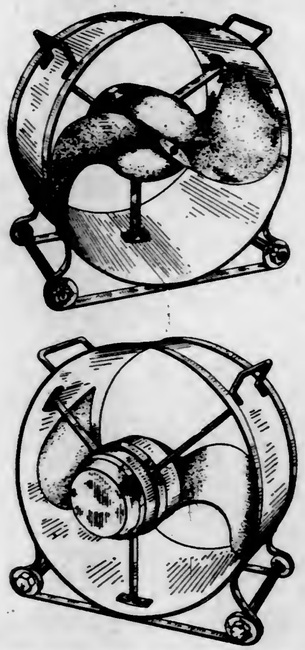
The ornamental design for an oscillating electric fan type heater, substantially as shown and described.

151,310
DESIGN FOR A VEHICLE HOOD ORNAMENT OR SIMILAR ARTICLE
Howard F. Yaeger, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application May 14, 1947, Serial No. 139,044
Term of patent 14 years
(Cl. D14—18)



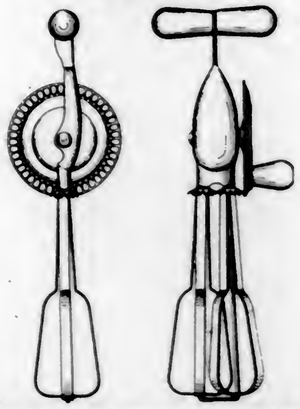
The ornamental design of a vehicle hood ornament or similar article, substantially as shown.

151,311
DESIGN FOR AN EXHAUST FAN
Henry Zeller and Albert H. Herter, Denver, Colo.
Application March 25, 1946, Serial No. 127,942
Term of patent 14 years
(Cl. D26—7)



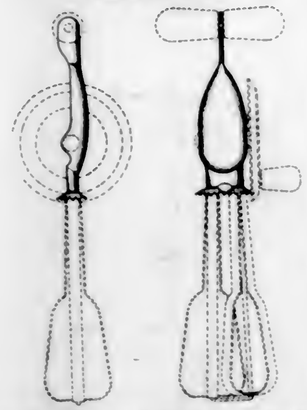
The ornamental design for an exhaust fan, as shown.

151,312
DESIGN FOR A STIRRING APPARATUS
Myron J. Zimmer, Wood Dale, Ill., assignor to Ekco Products Company, Chicago, Ill., a corporation of Illinois
Application October 12, 1946, Serial No. 133,907
Term of patent 14 years
(Cl. D44—29)



The ornamental design for a stirring apparatus, as shown.

151,313
DESIGN FOR A STIRRING APPARATUS
Myron J. Zimmer, Wood Dale, Ill., assignor to Ekco Products Company, Chicago, Ill., a corporation of Illinois
Application October 12, 1946, Serial No. 133,908
Term of patent 14 years
(Cl. D44—29)



The ornamental design for a stirring apparatus, as shown and described.

October 12, 1948 Volume 615 Number 2

Official Gazette

UNITED STATES PATENT OFFICE

Department of Commerce
CHARLES SAWYER, *Secretary*

U. S. Patent Office
LAWRENCE C. KINGSLAND, *Commissioner*

PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

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Patents expiring: Patent Numbers 1,826,701 to 1,827,723, inclusive, and Plant Patent No. 2, issued October 13, 1931, expire October 13, 1948

Condition of Applications Under Examination at Close of Business Sept. 24, 1948

Total number of patent applications awaiting action, 155,248. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	4-4-47	2-5-47	2868
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-22-47	9-5-46	3012
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	12-16-47	11-21-47	1425
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	1-20-47	2-8-47	4083
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	2-21-47	9-3-46	1810
6. SURLE, H., Carbon Chemistry (part)	10-15-47	9-9-47	1812
7. HANLIN, GEORGE, Optics; Photographic Apparatus	12-24-47	8-16-47	1674
8. LEWIS, R. O., (Acting), Furniture; Racks and Cabinets	12-6-46	9-9-46	4480
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	6-20-47	1-21-47	2246
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	12-26-47	11-20-47	1674
11. BENHAM, E. V., Boots, Shoes, and Leggings, Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	12-24-47	1-7-48	779
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	7-30-47	9-9-46	2191
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	9-24-46	2397
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	12-18-47	10-3-47	1376
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	6-14-47	4-3-47	2102
16. LOVEWELL, N. N., Television; Telephony	11-4-47	6-21-47	1523
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	3-10-47	10-11-46	2067
18. HURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	7-15-47	8-28-46	1992
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	9-18-47	2-1-47	1858
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	3-17-47	1-8-47	2033
21. MADER, R. C., Textiles	10-18-47	8-7-47	1233
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	11-14-47	12-26-46	1728
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	9-30-47	8-23-46	1212
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	9-16-47	8-9-47	2763
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	11-12-47	1-24-47	1750
26. YOUNG, R. R., Electricity—Generation and Motive Power	1-10-48	11-20-46	1206
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	7-2-47	12-20-46	3516
28. SOLYOM, H. L., Internal Combustion Engines (part); Cylinders; Pistons; Spring, Weight and Horsepower Motors; Land Vehicles, Dumping, Wheel Substitutes; Railway Wheels and Axles.	6-14-47	9-10-47	1048
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools.	3-6-47	1-22-47	3194
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating and Heating Systems; Illuminating Burners; Ammunition and Explosive Devices.	12-24-47	8-9-47	1286
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	1-5-48	1-6-48	2188
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	1-2-47	10-29-46	3178
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements.	12-2-46	9-20-46	3555
34. SAPERSTEIN, S., Electricity—Transmission of Vehicles; Railways; Track Sanders; Signals and Indicators	3-6-47	8-28-46	1523
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	6-2-47	9-21-46	2307
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11-4-46	9-16-46	2068
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	12-29-47	2-7-47	1390
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	7-25-47	5-1-47	1833
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	3-10-47	8-29-46	2099
40. DRUMMOND, E. J., Receptacles (part); Packages	10-27-47	11-4-46	3273
41. HERTZ, M., Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	1-21-47	9-23-46	2367
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	12-30-47	1-9-48	1207
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	12-15-47	12-3-47	1331
44. HARVEY, L. P., Refrigeration; Preserving	9-28-46	7-22-46	1122
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires and Axles; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Animal Draft Appliances; Vehicle Fenders.	3-16-47	10-2-46	2567
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	6-11-47	8-17-46	1850

Total number of patent applications awaiting action, 155,248. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	12-1-47	6-9-47	2217
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	12-27-47	2-24-47	1548
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	8-13-47	8-8-47	1563
50. LEVIN, SAMUEL, Synthetic Resins	12-29-47	8-18-47	2246
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	12-29-47	7-1-47	1808
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	10-2-47	12-16-46	3845
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	4-12-47	9-4-46	3636
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	12-2-47	7-18-47	1753
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	9-18-47	7-31-47	1976
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	11-6-47	10-31-47	1079
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys	3-25-47	9-18-46	3622
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-31-46	1-20-47	2148
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	8-23-47	4-4-47	2014
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	1-6-48	6-9-47	1439
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-17-46	3637
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	5-1-47	9-12-46	1927
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-30-47	7-3-47	1474
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	2-20-48	2-24-48	1562
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	12-31-47	5-29-47	2145
66. LISANN, I., Geometrical Instruments	6-5-47	4-16-46	2097
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	7-23-47	4-25-47	2011
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	1-10-48	7-15-47	1480
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	6-21-47	10-14-46	1874
DESIGNS: BREHM, G. L	2-10-47	1-15-48	7783

Total number of trade-mark applications awaiting action (including renewals and republications), 40,572. Date of oldest new application, Sept. 11, 1947; date of oldest amended application, Feb. 12, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	1-8-48	6-10-48	3074
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-29-47	3-20-48	5597
3. SUMMERS, O. S., Classes 13, 21, 23, 26	9-11-47	5-3-48	4816
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-26-47	2-12-48	4441
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	10-25-47	3-11-48	3431
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-12-47	6-23-48	3401
7. KEYS, O. M., Classes 16, 19, 55	9-15-47	3-30-48	2209
8. GEDIMAN, H. W. {Renewals / Republications} All Classes	8-19-48 / 10-22-47	9-2-48 / 9-4-48	66 / 13537

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Advance Solvents & Chemical Corporation, New York, N. Y. Chemical wetting agents, emulsifiers for paints, varnishes, resins and oils. Serial No. 517,687, Oct. 12. Class 6.

A-Jus-Tee Co.: *See*—
Reifman, Leo.

Aktiengesellschaft Chocolat Tobler, Bern, Switzerland. Chocolate, cocoa powder, assorted chocolates and candy. Serial No. 516,111, Oct. 12. Class 46.

Allison-Bedford Company, Chicago, Ill. Fruit preserves. Serial No. 541,063, Oct. 12. Class 46.

Allmann, F. R., Woolen Co.: *See*—
Allmann, Fred R.

Allmann, Fred R., doing business as F. R. Allmann Woolen Co., Brooklyn, N. Y. Woolen and worsted piece goods. Serial No. 544,526, Oct. 12. Class 42.

Amber Weaving Service: *See*—
Freitas, Amber.

Arlington Chemical Company, The, Yonkers, N. Y. Pharmaceutical preparation of amino acids and polypeptides from hydrolysed protein foods. Serial No. 557,335, Oct. 12. Class 6.

Armour and Company, Chicago, Ill. Soap. Serial No. 560,157, Oct. 12. Class 4.

Armstrong Cork Company, Lancaster, Pa. Prescription bottles. Serial No. 529,953, Oct. 12. Class 33.

B-L Electric Manufacturing Company, St. Louis, Mo., assignor to the Benwood-Linze Company. Syringe which is provided with a float. Serial No. 521,427, Oct. 12. Class 26.

Bates, C. J., & Son, Chester, Conn. Crochet hooks for hand use. Serial No. 531,989, Oct. 12. Class 40.

Bay State Abrasive Products Company, Westboro, Mass. Grinding, abrading, polishing, cutting-off, and knife sharpening wheels, etc. Serial No. 532,404, Oct. 12. Class 4.

Bay State Abrasive Products Company, Westboro, Mass. Furnace refractories and linings, and refractory cements. Serial No. 556,309, Oct. 12. Class 12.

Beam Manufacturing Company: *See*—
Solar Corporation.

Benwood-Linze Company: *See*—
B-L Electric Manufacturing Company.

Berger Brothers Company, The, New Haven, Conn. Corsets, girdles, and brassières. Serial No. 538,348, Oct. 12. Class 39.

Berlinger, Joseph, Company, New York, N. Y. Piece goods. Serial No. 544,967, Oct. 12. Class 42.

Berman's Jewelry Stores, Inc., Charleston, W. Va. Ladies' and men's watches. Serial No. 542,810, Oct. 12. Class 27.

Blanchard Deco-Plastics, Inc., Newark, N. J., assignor to Deco-Plastics, Inc., New York, N. Y. Plastic sheeting for upholstery, luggage, wall covering and other industrial uses. Serial No. 536,491, Oct. 12. Class 42.

Blue Buckle Overall Company, Inc., Lynchburg, Va. Overalls, coats, dungarees, etc. Serial No. 511,665, Oct. 12. Class 39.

Boonton Full Fashion Hosiery Mills, Boonton, N. J. Hosiery. Serial No. 531,294, Oct. 12. Class 39.

Bracke-Seib X-Ray Co., Inc., New York, N. Y. Fluoroscopes for use with babies. Serial No. 542,905, Oct. 12. Class 44.

Brannan and Ross Chemical Products Co., Dallas, Tex. Spot remover. Serial No. 521,318, Oct. 12. Class 4.

Brightwater Paper Company, Dover, Del., and Adams, Mass. Writing paper. Serial No. 531,085, Oct. 12. Class 37.

Broemmel's Pharmaceuticals, San Francisco, Calif. Vitamin B complex compound in tablet form. Serial No. 487,989, Oct. 12. Class 6.

Brown & Bigelow, St. Paul, Minn. Mechanical pencils, leads, and erasers. Serial No. 512,374, Oct. 12. Class 37.

Brownville Board Company, Brownville, N. Y. Bristol board, poster board, and blanks. Serial No. 503,798, Oct. 12. Class 37.

Bulova Watch Company, Inc., New York, N. Y. Watches, watch movements and parts thereof and watchcases. Serial No. 523,766, Oct. 12. Class 27.

California Canners Associates, Los Angeles, Calif. Canned fruit juices for food purposes. Serial No. 506,006, Oct. 12. Class 46.

Cameo Fabrics, Inc., New York, N. Y. Woven textile fabrics of rayon yarn, in the piece. Serial No. 536,046, Oct. 12. Class 42.

Cannon, H. P., & Son, Inc., Bridgeville, Del. Canned vegetables and canned tomato juice. Serial No. 438,493, Oct. 12. Class 46.

Carsolite Corporation, Maywood, Ill. Cleanser and renovator for terrazzo floors. Serial No. 551,167, Oct. 12. Class 4.

Caterpillar Tractor Co., Peoria, Ill. Dump-wagons, wheel tractor-dump-wagon combinations, and structural parts for such products. Serial No. 540,644, Oct. 12. Class 19.

Century Ribbon Mills, Inc., New York, N. Y. Ribbons in reels, rolls and by the yard. Serial No. 537,004, Oct. 12. Class 42.

Chemical Bank & Trust Company, assignee: *See*—
Continental Bank & Trust Company of New York.

Christian Peper Tobacco Company, St. Louis, Mo. Cigarettes. Serial No. 562,178, Oct. 12. Class 17.

Coast-A-Way Toys, Petersburg, Ohio. Toy wagons and wheeled vehicles used on toy roller coasters and tracts therefor. Serial No. 512,159, Oct. 12. Class 22.

Consolidated Coal Company, The, St. Louis, Mo. Coal. Serial No. 527,289, Oct. 12. Class 1.

Consolidated Coal Company, The, St. Louis, Mo. Coal. Serial No. 527,445, Oct. 12. Class 1.

Continental Bank & Trust Company of New York, The, assignor to Chemical Bank & Trust Company, New York, N. Y. Periodical published weekly. Serial No. 499,766, Oct. 12. Class 38.

Craft Bag Corporation, The, Brooklyn, N. Y. Paper bags. Serial No. 544,327, Oct. 12. Class 2.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,127, Oct. 12. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,133, Oct. 12. Class 42.

Crouse-Hinds Company, Syracuse, N. Y. Electrical apparatus for airports. Serial No. 503,555, Oct. 12. Class 21.

Cudahy Packing Company, The, Chicago, Ill. Soap powder combined with mineral ingredients. Serial No. 550,792, Oct. 12. Class 4.

Cunningham, Minnie, San Mateo, Calif. Absorbent bed pads. Serial No. 501,166, Oct. 12. Class 44.

Dabney Pharmacal Company: *See*—
Dabney, William C., Jr.

Dabney, William C., Jr., doing business as Dabney Pharmacal Company, Louisville, Ky. Fungicidal ointment and fungicidal powder. Serial No. 557,120, Oct. 12. Class 6.

Deco-Plastics, Inc., assignee: *See*—
Blanchard Deco-Plastics, Inc.

Duncan Coffee Company, Houston, Tex. Coffees. Serial No. 537,575, Oct. 12. Class 46.

Eckbro Manufacturing Company, Chicago, Ill. Clothing. Serial No. 537,439, Oct. 12. Class 39.

Escalante, Jose, & Co., Chicago, Ill. Cigars. Serial No. 533,239, Oct. 12. Class 17.

Farnsworth, Daniel W., New York, N. Y. Woolen piece goods and pure woolen blankets. Serial No. 541,822, Oct. 12. Class 42.

Farnsworth, Daniel W., New York, N. Y. Woolen and worsted piece goods. Serial No. 542,019, Oct. 12. Class 42.

Fisba Fabrics, Inc., New York, N. Y. Cotton fabrics in the piece. Serial No. 544,860, Oct. 12. Class 42.

Folker Fabrics Corporation, New York, N. Y. Textile fabrics in the piece of rayon. Serial No. 543,804, Oct. 12. Class 42.

Fouke Fur Company, St. Louis, Mo. Fur sealskins. Serial No. 527,184, Oct. 12. Class 1.

Fouke Fur Company, St. Louis, Mo. Furs, skins, hides, and pelts. Serial No. 527,196, Oct. 12. Class 1.

Frank, Jacob W., doing business as Frank's Wood Products, Grand Rapids, Mich. Wheeled kneeling pads. Serial No. 547,108, Oct. 12. Class 19.

Frank's Wood Products: *See*—
Frank, Jacob W.

Freco Watch Corporation, New York, N. Y. Watches and watch movements. Serial No. 539,691, Oct. 12. Class 27.

Freitas, Amber, doing business as Amber Weaving Service, Buffalo, N. Y. Cloth weaving service for repairing holes, burns or defects in textile materials. Serial No. 533,873, Oct. 12. Class 55.

Frontier Oil Refining Corporation, Buffalo, N. Y. Motor lubricating oil. Serial No. 523,893, Oct. 12. Class 15.

Fulton Specialty Co., Elizabeth, N. J. Dater stamps. Serial No. 533,298, Oct. 12. Class 37.

Furst-McNess Company, Freeport, Ill. Round worm remedy, chocolate flavored laxative, headache tablets, etc. Serial No. 522,765, Oct. 12. Class 6.

Gamble-Skogmo, Inc., Minneapolis, Minn. Work gloves, work shirts, denim jackets, etc. Serial No. 511,995, Oct. 12. Class 39.

General American Transportation Corporation, Chicago, Ill. Cereal grain, processed by precooking or steaming. Serial No. 558,883, Oct. 12. Class 46.

General Motors Corporation, Detroit, Mich. Railroad passenger cars. Serial No. 535,697, Oct. 12. Class 19.

Good Luck Glove Company, Carbondale, Ill. Work gloves. Serial No. 529,007, Oct. 12. Class 39.

Good Luck Glove Company, Carbondale, Ill. Work gloves. Serial No. 529,157, Oct. 12. Class 39.

Goodrich, B. F., Company, The, Akron, Ohio, and New York, N. Y. Coated and impregnated fabrics of natural and synthetic fibers, and flexible plastic film. Serial No. 511,811, Oct. 12. Class 42.

Goodstein, W. H., Millinery Co., Inc., Chicago, Ill. Ladies' hats. Serial Nos. 545,365–6, Oct. 12. Class 39.
Goodstein, W. H., Millinery Co., Inc., Chicago, Ill. Ladies' hats. Serial Nos. 545,368–9, Oct. 12. Class 39.
Gradiaz, Annis & Co., Inc., Tampa, Fla. Cigars. Serial No. 542,827, Oct. 12. Class 17.
Great American Tea Company, The, New York, N. Y. Liquid preparation for cleaning glass and a general household cleanser in powder form. Serial No. 550,501, Oct. 12. Class 4.
Great American Tea Company, The, New York, N. Y. Preparation in powder form for cleaning closet bowls. Serial No. 550,502, Oct. 12. Class 4.
Great American Tea Company, The, New York, N. Y. Cleanser pads, a preparation in powdered form for general household cleaning, etc. Serial No. 550,503, Oct. 12. Class 4.
Griffin Manufacturing Company, Inc., Brooklyn, N. Y. Cleaning fluid and liquid preparation for cleaning and polishing shoes. Serial No. 550,693, Oct. 12. Class 4.
Gsell, R., & Co., Inc., New York, N. Y. Watches, watch movement, watch cases and parts thereof. Serial No. 511,150, Oct. 12. Class 27.
Gude Brothers Co., Washington, D. C. Natural flowers and natural plants and floral decorations made of natural flowers. Serial No. 529,374, Oct. 12. Class 1.
Guy, Ralph I., doing business as The Rig Company, Glendale, Calif. Iodine preparation. Serial No. 543,701, Oct. 12. Class 6.
Harper-Wyman Company, Chicago, Ill. Burner systems for gas stoves and ranges. Serial No. 518,596, Oct. 12. Class 34.
Harper-Wyman Company, Chicago, Ill. Gas valves for gas stove and gas range burners. Serial No. 518,723, Oct. 12. Class 34.
Harrower Laboratory, Inc., The, Glendale, Calif. Solution which is an estrus stimulating principle derived from the placenta and used as an ovarian and sex stimulant. Serial No. 557,277, Oct. 12. Class 6.
Hattenhauer, Elizada M., doing business as Modern Educational Publishers, Chicago, Ill. Educational games. Serial No. 533,019, Oct. 12. Class 22.
Hayward Manufacturing Company, Inc., Brooklyn, N. Y. Oil burners, parts thereof and accessories thereto. Serial No. 539,698, Oct. 12. Class 34.
Heil Co., The, Milwaukee, Wis. Conversion oil burners, gas and oil fired furnaces and boilers, etc. Serial No. 537,691, Oct. 12. Class 34.
Helbros Watch Company, Inc., New York, N. Y. Watches. Serial No. 540,671, Oct. 12. Class 27.
Herbert Manufacturing Company, St. Paul, Minn. Men's overcoats. Serial No. 537,692, Oct. 12. Class 39.
Herstein, Dave, Co., Inc., New York, N. Y. Ladies' and misses' hats and leather and fabric gloves. Serial No. 541,839, Oct. 12. Class 39.
Hobb-Swetnam Company, Inc., Wichita Falls, Tex. Cleanser for removing gum, carbon, and grease from any type metal. Serial No. 560,267, Oct. 12. Class 4.
Hollingsworth & Vose Company, East Walpole, Mass. Paper in sheets or rolls. Serial No. 537,589, Oct. 12. Class 37.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper, mimeograph paper, offset paper, etc. Serial No. 530,002, Oct. 12. Class 37.
Interchemical Corporation, New York, N. Y. Window curtain and table coverings of coated textile fabrics or of thin plastic film. Serial No. 535,846, Oct. 12. Class 42.
International Silver Company, The, Meriden, Conn. Silver plated hollow-ware. Serial No. 542,026, Oct. 12. Class 28.
Irvington Varnish & Insulator Co., Irvington, N. J. Coated glass fiber cloth in the piece. Serial No. 522,097, Oct. 12. Class 42.
Jean-Pascal Lorriaux & Co., Paris, France. Perfumes. Serial No. 516,290, Oct. 12. Class 6.
Jeffers Electronics, Inc., Dubois, Pa. Combination capacitors and resistors. Serial No. 546,195, Oct. 12. Class 21.
Keglers of America, Inc., Spokane, Wash. Membership cards. Serial No. 547,257, Oct. 12. Class 38.
Kennedy, L. W., Company: *See*—
Kennedy, Leo W.
Kennedy, Leo W., doing business as L. W. Kennedy Company, Detroit, Mich. Combination metal and glass doors. Serial No. 523,028, Oct. 12. Class 12.
Killingstad Farms: *See*—
Killingstad, Ralph.
Killingstad, Ralph, doing business as Killingstad Farms, Brownsville, Tex. Fresh tomatoes. Serial No. 524,247, Oct. 12. Class 46.
Kiplinger Editors, Inc., The, Washington, D. C. Weekly agricultural letter. Serial No. 535,328, Oct. 12. Class 38.
Kiplinger Washington Agency, Inc., The, Washington, D. C. Weekly newsletter. Serial No. 535,326, Oct. 12. Class 38.
Kiplinger Washington Agency, Inc., The, Washington, D. C. Weekly tax letter. Serial No. 535,327, Oct. 12. Class 38.
Kleinert, I. B., Rubber Company, Inc., New York, N. Y. Bodices. Serial No. 526,616, Oct. 12. Class 39.
Kromer, Esther M., Chicago, Ill. Bed sheets. Serial No. 514,279, Oct. 12. Class 42.
Lee, Laura, Frocks, Inc., St. Louis, Mo. Women's dresses. Serial No. 545,492, Oct. 12. Class 39.
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. Serial No. 538,016, Oct. 12. Class 6.
Lonergan Manufacturing Company, Albion, Mich. Space heaters, water heaters, furnaces, and oil burners. Serial No. 532,838, Oct. 12. Class 34.
Lorillard, P., Company, New York, N. Y. Smoking tobacco. Serial No. 525,619, Oct. 12. Class 17.
Louis Engineering Co., Chicago, Ill. Gun-type oil burners. Serial No. 546,001, Oct. 12. Class 34.
Manufactures de Produits Chimiques du Nord Etablissements Kuhlmann, Paris, France. Fabrics. Serial No. 528,872, Oct. 12. Class 42.
Mar-Win Mfg. Co., Inc., Brooklyn, N. Y. Shower curtains and bathroom curtains. Serial No. 544,889, Oct. 12. Class 42.
Maxon Construction Company, Inc., Dayton, Ohio. Dumping containers for attachment to and operation from trucks. Serial No. 501,332, Oct. 12. Class 23.
Midwestern Beverage Laboratories, Inc., St. Louis, Mo. Non-alcoholic, non-cereal, maltless carbonated beverages and syrup and extracts for making the same. Serial No. 517,503, Oct. 12. Class 45.
Modern Educational Publishers: *See*—
Hattenhauer, Elizada M.
Mortell, J. W., Company, Kankakee, Ill. Adhesive plastic compound. Serial No. 527,522, Oct. 12. Class 12.
Mustato Company, The: *See*—
Rothe, Walter F.
National Blouse Corporation, New York, N. Y. Ladies' and misses' blouses. Serial No. 544,899, Oct. 12. Class 39.
National Oil: *See*—
Nopco Chemical Company.
National Package Drugs, Inc., St. Louis, Mo. Rubbing alcohol compound, vitamin B1, syrup of cocillana, mineral oil, etc. Serial No. 537,220, Oct. 12. Class 6.
National Tea Co., Chicago, Ill. Flavor extracts for food purposes. Serial No. 516,562, Oct. 12. Class 46.
Noblitt-Sparks Industries, Inc., Columbus, Ind. Automobile heaters. Serial No. 529,811, Oct. 12. Class 19.
Nopco Chemical Company, Harrison, N. J., by change of name from National Oil. Shampoo. Serial No. 476,302, Oct. 12. Class 6.
Orth, Ph., Company, Milwaukee, Wis. Doughnut flour. Serial No. 513,638, Oct. 12. Class 46.
Owens-Illinois Glass Company, Toledo, Ohio. Bottles and jars. Serial No. 531,235, Oct. 12. Class 33.
Palace Corporation, Flint, Mich. House trailers for automobiles. Serial No. 534,809, Oct. 12. Class 19.
Palace Corporation, Flint, Mich. House trailers for automobiles. Serial No. 534,811, Oct. 12. Class 19.
Palmer Scott & Company, Inc., New Bedford, Mass. Sail boats. Serial No. 529,191, Oct. 12. Class 19.
Parker Watch Co., Inc., New York, N. Y. Watchcases, clocks, watches, and parts thereof. Serial No. 541,959, Oct. 12. Class 27.
Parsons Paper Company, Holyoke, Mass. Printing and writing paper. Serial No. 529,818, Oct. 12. Class 37.
Peavey, F. H., & Company, Minneapolis, Minn. Agricultural seeds. Serial Nos. 523,607–8, Oct. 12. Class 1.
Pendleton Woolen Mills, Pendleton and Portland, Oreg. Woolen blankets. Seria No. 545,530, Oct. 12. Class 42.
Perfex Company, The, Shenandoah, Iowa. Laundry starch. Serial No. 523,418, Oct. 12. Class 6.
Pharis Tire and Rubber Company, The, Newark, Ohio. Rubber tires for vehicles, bicycles, automobiles. Serial No. 514,134, Oct. 12. Class 35.
Pinehurst Textiles Inc., Asheboro, N. C. Underwear for women and children. Serial No. 506,894, Oct. 12. Class 39.
Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. Serial No. 559,545, Oct. 12. Class 4.
Pure Oil Company, The, Chicago, Ill. Frozen food cabinets. Serial No. 503,388, Oct. 12. Class 31.
R-S Products Corporation, Philadelphia, Pa. Industrial furnaces. Serial No. 539,756, Oct. 12. Class 34.
Radio Manufacturers Association, Washington, D. C. Publications. Serial No. 550,732, Oct. 12. Class 38.
Rayco Mfg. Co., Paterson, N. J. Automobile seat covers. Serial No. 547,032, Oct. 12. Class 19.
Reifman, Leo, doing business as A-Jus-Tee Co., Long Island, N. Y. Golf tees. Serial No. 516,999, Oct. 12. Class 22.
Revlon Products Corporation, New York, N. Y. Cream wafer make-up and cake make-up. Serial No. 518,324, Oct. 12. Class 6.
Rich-Marc Mfg. Co., Inc., New York, N. Y. Fountain pens, ball pointed pens, and mechanical pencils. Serial No. 538,039, Oct. 12. Class 37.
Rig Company, The: *See*—
Guy, Ralph I.
Rockwell Manufacturing Company, Pittsburgh, Pa. Periodical publications, prints, and plans. Serial No. 534,362, Oct. 12. Class 38.
Rosenstein, Nettie, Inc., New York, N. Y. Toilet soap. Serial Nos. 560,221–2, Oct. 12. Class 4.
Ross, Hamilton, Jetflow Corporation, Chicago, Ill. Fountain pens. Serial No. 509,421, Oct. 12. Class 37.
Rothe, Walter F., doing business as The Mustato Company, Washington, D. C. Sauce made of tomatoes and spices. Serial No. 516,921, Oct. 12. Class 46.

Rueping, Fred, Leather Company, Fond du Lac, Wis. Leather. Serial No. 542,662, Oct. 12. Class 1.
S. & S. Undergarment Company, New York, N. Y. Ladies' undergarments. Serial No. 541,342, Oct. 12. Class 39.
S. & S. Undergarment Company, New York, N. Y. Children's undergarments. Serial No. 545,301, Oct. 12. Class 39.
Saviou, William, Warren, Ohio. Face lotions. Serial No. 557,982, Oct. 12. Class 6.
Scientific Supply Co., Inc., Denver, Colo. Powdered soap and washing compounds. Serial No. 546,880, Oct. 12. Class 4.
Self Winding Clock Company, Inc., Brooklyn, N. Y. Clocks, time clocks, control clocks, and clock controlled signal selectors. Serial No. 524,726, Oct. 12. Class 27.
Sheffield, Inc., Attleboro, Mass. Jewelry. Serial No. 534,477, Oct. 12. Class 28.
Silena Watch Corporation, New York, N. Y. Watches and watch movements. Serial No. 539,765, Oct. 12. Class 27.
Simon & Mogilner, St. Paul, Minn. Infants' and children's garments. Serial No. 545,653, Oct. 12. Class 39.
Skagit Steel & Iron Works, Sedro Woolley, Wash. Yarders, loaders, and locomotives. Serial No. 543,041, Oct. 12. Class 23.
Solar Corporation, doing business as Beam Manufacturing Company, Milwaukee, Wis., and Webster City, Iowa. Motor scooters. Serial No. 528,381, Oct. 12. Class 19.
Southeastern Development Corporation, Jacksonville, Fla. Electronic machines. Serial No. 530,443, Oct. 12. Class 44.
Sport Products, Inc., Cincinnati, Ohio. Golf clubs. Serial No. 530,972, Oct. 12. Class 22.
Sport Products, Inc., Cincinnati, Ohio. Golf clubs. Serial No. 530,983, Oct. 12. Class 22.
Stamford Tool & Die Corporation, Stamford, Conn. Automatic fish hook. Serial No. 528,893, Oct. 12. Class 22.
Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Liquid petrolatum, also known as white oil. Serial No. 557,697, Oct. 12. Class 6.
State Welding Works, Inc., New York, N. Y. Automobile radiator guards, collapsible step for vehicles, and automobile luggage carriers. Serial No. 521,938, Oct. 12. Class 19.
Sterling Motor Truck Company, Inc., West Allis, Wis. Motor trucks. Serial No. 530,587, Oct. 12. Class 19.
Stratford Pen Corporation, New York, N. Y. Fountain pens and pencils. Serial No. 534,936, Oct. 12. Class 37.
Strong Electric Corporation, The, Toledo, Ohio. Arc lamps. Serial No. 545,596, Oct. 12. Class 21.
Sunitogs of California, San Francisco, Calif. Unit assembly consisting of ready cut material, stamped design, embroidery thread, and sewing guide chart. Serial No. 510,284, Oct. 12. Class 39.
Tennessee Glove Company, Tullahoma, Tenn. Fabric work gloves. Serial No. 521,036, Oct. 12. Class 39.
Timken-Detroit Axle Company, The, Detroit, Mich. Axles for motor vehicles; brake assemblies and structural parts thereof. Serial No. 531,545, Oct. 12. Class 19.
Treasure Company, Milwaukee, Wis. Men's billfolds. Serial No. 542,895, Oct. 12. Class 3.
Tripler, F. R., & Co., Inc., New York, N. Y. Pipe tobacco. Serial No. 515,640, Oct. 12. Class 17.
Tritico, Frank M., doing business as Tritico Mattress Factory, Lake Charles, La. Mattresses. Serial No. 515,917, Oct. 12. Class 32.
Tritico Mattress Factory: *See*—
Tritico, Frank M.
Trudy Frocks, Inc., Philadelphia, Pa. Infants' and children's dresses, blouses, play suits, and junior girls' dresses. Serial No. 529, 835, Oct. 12. Class 39.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Soap, dry cleaning compound, general cleaning or washing compounds, etc. Serial No. 541,359, Oct. 12. Class 4.
Wallerstein Company, Inc., New York, N. Y. Enzyme preparation especially for the production of alcohol. Serial No. 557,878, Oct. 12. Class 6.
Ward, William B., doing business as William B. Ward Co., Kansas City, Mo. Bulletin boards. Serial No. 505,139, Oct. 12. Class 50.
Ward, William B., Co.: *See*—
Ward, William B.
Werk, M., Company, The, St. Bernard, Ohio. Soap. Serial No. 552,294, Oct. 12. Class 4.
Western Chemical Company, Kansas City, Mo. Solvent for cleaning drain pipes, plumbing, oil burners, radiators, etc. Serial No. 549,358, Oct. 12. Class 6.
Windsor-Lloyd Products, Inc., Wilmington, Del. Windshield wipers for automobiles and trucks. Serial No. 534,703, Oct. 12. Class 19.
Winkler, A. L., Co.: *See*—
Winkler, Alfred L.
Winkler, Alfred L., doing business as A. L. Winkler Co., Detroit, Mich. Nickel plated steel bracelets. Serial No. 528,976, Oct. 12. Class 28.
Wyeth Incorporated, Philadelphia, Pa. Chemical, medicinal, pharmaceutical, mycological, biological, nutritional, and cosmetic products. Serial No. 536,207, Oct. 12. Class 6.
Wyeth Incorporated, Philadelphia, Pa. Chemical, medicinal, pharmaceutical, mycological, biological, nutritional, and cosmetic products. Serial Nos. 542,384–5, Oct. 12. Class 6.
York-Shipley, Inc., York, Pa. Oil-fired heating units. Serial No. 507,500, Oct. 12. Class 34.
York Street Flax Spinning Co. Limited, Belfast, Ireland. Linen small wares. Serial No. 544,956, Oct. 12. Class 42.

LIST OF REGISTRANTS OF TRADE-MARKS

Abrasive Dressing Tool Company, Detroit, Mich., assignee of Abrasive Dressing Toool Company. Diamond abrasive wheels. 502,949, Oct. 12; Serial No. 473,298. Class 4.
Ace Clearprint Products, Inc., New York, N. Y. Silk screen stencil films. 440,962, Oct. 12; Serial No. 515,595, published Sept. 30, 1947. Class 37.
Acme White Lead & Color Works, Detroit, Mich. Painters' gloss and flat finishes; mixed, ready-mixed, color-water, and paste paints, etc. 248,517, renewed Oct. 23, 1948. O. G. Oct. 12. Class 16.
Agencia Exportadora Chelin, New York, N. Y. Aspirin preparation. 441,008, Oct. 12; Serial No. 503,149. Class 6.
Alemite Manufacturing Corporation: *See*—
Bassick Manufacturing Company, The.
Allen, S. L., & Co., Inc., Philadelphia, Pa. Coasting sleds. 252,134, renewed Jan. 22, 1949. O. G. Oct. 12. Class 22.
Allied Mills, Inc., Chicago, Ill. Stock feed, poultry feed, etc. 502,824, Oct. 12; Serial No. 528,166, published July 6, 1948. Class 46.
Alonso, Antonio Conservas, S. L.: *See*—
Alonso, Antonio, Hijos.
Alonso, Antonio, Hijos, to Alonso, Antonio Conservas, S. L., Vigo, Spain. Preserved fish. 229,511, renewed June 28, 1947. O. G. Oct. 12. Class 46.
American Accordion Center: *See*—
Spranzo, Tony.
American Artists' Color Works, Inc., Brooklyn, N. Y. Artists' brushes. 502,964, Oct. 12; Serial No. 530,050. Class 29.
American Machine & Foundry Company, Jersey City, N. J., New York and Brooklyn, N. Y., to American Machine & Foundry Company, New York, N. Y. Noncorrosive coating metal and soldering metal. 250,782, renewed Dec. 18, 1948. O. G. Oct. 12. Class 14.
American Manufacturing Company, Brooklyn, N. Y. Oakum for packing and calking. 114,920, Jan. 16, 1917. Republished Oct. 12. Class 1.
American Manufacturing Company, Brooklyn, N. Y. Rope. 124,811, Mar. 18, 1919. Republished Oct. 12. Class 7.
American Manufacturing Company, Brooklyn, N. Y. Rope, cord, twine. 125,775, June 17, 1919. Republished Oct. 12. Class 7.
American Manufacturing Company, Brooklyn, N. Y. Rope, cord and twine. 130,608, May 4, 1920. Republished Oct. 12. Class 7.
American Manufacturing Company, Brooklyn, N. Y. Rope, cord, and twine. 142,415, May 17, 1921. Republished Oct. 12. Class 7.
American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y. Manila, hemp, sisal, and other vegetable fiber rope. 299,530, Dce. 6, 1932. Republished Oct. 12. Class 7.
American Optical Company, Southbridge, Mass. Protective clothing. 441,000, Oct. 12; Serial No. 524,438, published June 15, 1948. Class 39.
Anthony Macaroni Co., Inc., by Anthony Macaroni & Cracker Co., Los Angeles, Calif. Alimentary pastes, canned ravioli, chili sauce, etc. 262,930, Oct. 29, 1929. Republished Oct. 12. Class 46.
Anthony Macaroni & Cracker Co.: *See*—
Anthony Macaroni Co., Inc.
Arden, Elizabeth, Sales Corporation, New York, N. Y. Reducing lotions. 502,960, Oct. 12; Serial No. 524,316. Class 6.
Arden, Elizabeth, Sales Corporation, New York, N. Y. Skin lotions, and astringents. 502,975, Oct. 12; Serial No. 539,386. Class 6.
Arena, A., & Co., Ltd., Los Angeles, Calif. Fresh vegetables. 300,568, Jan. 24, 1933. Republished Oct. 12. Class 46.
Argo & Company, by Argo and Company, Inc., Memphis, Tenn. Cleaner for woodwork, furniture, upholstery, etc. 403,141, Sept. 7, 1943. Republished Oct. 12. Class 4.

Argo and Company, Inc.: *See*—
Argo & Company.

Arizona Citrus Growers, Phoenix, Ariz. Fresh citrus fruits. 250,623, renewed Dec. 11, 1948. O. G. Oct. 12. Class 46.

Arkwright, Incorporated, New York, N. Y. Bathing suits for women and misses. 351,852, Nov. 9, 1937. Republished Oct. 12. Class 39.

Arkwright, Incorporated, New York, N. Y. Men's and boys' suits and overcoats. 367,393, May 16, 1939. Republished Oct. 12. Class 39.

Arkwright, Incorporated, New York, N. Y. Radio receiving sets and parts thereof. 427,414, Feb. 11, 1947. Republished Oct. 12. Class 21.

Arkwright, Incorporated, New York, N. Y. Blankets and rugs. 432,511, Sept. 2, 1947. Republished Oct. 12. Class 42.

Arkwright Merchandising Corporation, New York, N. Y. Catamenial bandages. 304,184, June 27, 1933. Republished Oct. 12. Class 44.

Arkwright Merchandising Corp., New York, N. Y. Toilet powder, perfume, talcum powder, etc. 310,475, Feb. 27, 1934. Republished Oct. 12. Class 6.

Arnavat, Ramón B., Mexico City, Mexico. Non-alcoholic maltless beverages. 440,986, Oct. 12; Serial No. 522,571, published June 29, 1948. Class 45.

Aro Equipment Corporation, The, Bryan, Ohio. Automotive and industrial lubricating equipment. 428,167, Mar. 11, 1947. Republished Oct. 12. Class 23.

Art Neckwear Company: *See*—
Schuman, Milton.

Artblend Cosmetic Studios: *See*—
Kobolt, George E.

Ash Grove Lime & Portland Cement Company, Kansas City, Mo. Lime and cement. 275,137, Sept. 16, 1930. Republished Oct. 12. Class 12.

Associated Producers, Inc., Detroit, Mich. Garage mechanic's equipment. 440,959, Oct. 12; Serial No. 513,791, published June 17, 1947. Class 23.

Associated Projects Co., Columbus, Ohio. Electrically lighted wall switch plate. 413,460, Apr. 24, 1945. Republished Oct. 12. Class 21.

Associated Stationers Supply Company, Chicago, Ill. Books of notes, drafts, receipts and checks, etc. 300,085, Jan. 3, 1933. Republished Oct. 12. Class 37.

Asta Models Limited, London, England. Ladies' dresses, coats, jackets, etc. 440,932, Oct. 12; Serial No. 505,472, published June 15, 1948. Class 39.

Atlantic Calsomine Co., Inc., Brooklyn and New York, N. Y. Paint enamels. 440,966, Oct. 12; Serial No. 516,808, published July 6, 1948. Class 16.

Audience Records, Inc., New York, N. Y. Grooved phonograph records and albums. 502,952, Oct. 12; Serial No. 506,912. Class 36.

Austin, Nichols & Co., Incorporated, Brooklyn, N. Y. Liqueur. 432,362, Sept. 2, 1947. Republished Oct. 12. Class 49.

Autographic Register Company, Hoboken, N. J. Continuous writing strips interleaved with carbon strips and writing sheets with interleaved carbon sheets. 502,891, Oct. 12; Serial No. 532,100, published June 15, 1948. Class 37.

Autographic Register Company, Hoboken, N. J. Continuous writing strips interleaved with carbon strips. 502,892. Oct. 12; Serial No. 532,101, published June 15, 1948. Class 37.

Autographic Register Company, Hoboken, N. J. Continuous writing strips interleaved with carbon strips. 502,893, Oct. 12; Serial No. 532,106, published June 15, 1948. Class 37.

Avedis Zildjian Co., Quincy, Mass. Cymbals. 297,750, Sept. 27, 1932. Republished Oct. 12. Class 36.

Avedis Zildjian Co., Quincy, Mass. Cymbals. 373,674, Dec. 19, 1939. Republished Oct. 12. Class 36.

Avon Products, Inc., New York, N. Y. Lipsticks, rouges, and nail polish. 433,255–6, Sept. 30, 1947. Republished Oct. 12. Class 6.

Ayer, Harriet Hubbard, Inc.: *See*—
Thomas, Vincent B.

Aztec Brewing Company, San Diego, Calif. Beer. 502,850, Oct. 12; Serial No. 529,740, published July 6, 1948. Class 48.

B-Ver-Paw Manufacturing Co.: *See*—
Lewandowski, Frank B.

Baby World Company, Inc., New York, N. Y. Insulated containers for holding baby bottles. 502,923, Oct. 12; Serial No. 534,866, published July 13, 1948. Class 2.

Bacharach Industrial Instrument Company, Pittsburgh, Pa. Engine pressure indicators. 364,852, Feb. 14, 1939. Republished Oct. 12. Class 26.

Bacharach Industrial Instrument Company, Pittsburgh, Pa. Draft gauges, portable gauge analyzers, and thermometers. 375,717, Feb. 27, 1940. Republished Oct. 12. Class 26.

Baer, Harry L., doing business as Water Treatment Company of America, Pittsburgh, Pa. Detergent for removing scale and deposits from water conduits and containers, etc. 245,428, renewed Aug. 14, 1948. O. G. Oct. 12. Class 6.

Baker Paint & Varnish Co., Jersey City, N. J. Dry, paste, and ready mixed paints, and varnishes. 243,407, renewed June 19, 1948. O. G. Oct. 12. Class 16.

Barbet Mills, Incorporated, Gastonia, N. C. Knitted fabrics. 502,971, Oct. 12; Serial No. 534,867. Class 42.

Baron, H., & Co. Inc., Linden, N. J. Nonalcoholic, maltless, concentrated syrups. 502,887, Oct. 12; Serial No. 531,762, published June 15, 1948. Class 45.

Barton Salt Company, The, Hutchinson, Kans. Salt. 97,668, June 16, 1914. Republished Oct. 12. Class 46.

Basic Products Company, Kenova, W. Va., by Basic Refractories, Inc., Cleveland, Ohio. Refractory materials for furnace-linings and similar purposes. 112,465, Sept. 12, 1916. Republished Oct. 12. Class 12.

Basic Refractories, Inc.: *See*—
Basic Products Company.
Canadian Refractories Limited.

Basic Refractories, Inc., Cleveland, Ohio. Refractory materials. 429,463, Apr. 29, 1947. Republished Oct. 12. Class 12.

Basic Refractories Incorporated: *See*—
Dolomite Products Company, The.

Bass, G. H., & Co., Wilton, Maine. Boots, shoes, slippers, etc. 297,595, Sept. 20, 1932. Republished Oct. 12. Class 39.

Bass, G. H., & Co., Wilton, Maine. Boots, shoes, slippers, and moccasins. 338,753, Sept. 15, 1936. Republished Oct. 12. Class 39.

Bass, G. H., & Co., Wilton, Maine. Boots, shoes, slippers, and moccasins. 348,223, July 20, 1937. Republished Oct. 12. Class 39.

Bassick Manufacturing Company, The, now by change of name to Alemite Manufacturing Corporation, to Stewart-Warner Corporation, Chicago, Ill. Monthly periodicals. 251,172, renewed Jan. 1, 1949. O. G. Oct. 12. Class 38.

Bastian-Blessing Company, The, Chicago, Ill. Electrically controlled carbonating apparatus. 440,925, Oct. 12; Serial No. 503,968, published July 13, 1948. Class 23.

Bayuk Cigars Incorporated, Philadelphia, Pa. Cigars. 251,776, renewed Jan. 15, 1949. O. G. Oct. 12. Class 17.

Beaulieu Vineyard, San Francisco, Calif. Wines. 502,894–5, Oct. 12; Serial Nos. 532,111–12, published June 22, 1948. Class 47.

Bell & Gossett Company, Morton Grove, Ill. Flow control valves, pressure reducing valves, pressure relief valves, etc. 502,803, Oct. 12; Serial No. 523,349, published July 13, 1948. Class 13.

Bellmore Dress Co., Inc., New York, N. Y. Misses' and ladies' suits, dresses, skirts, etc. 502,798, Oct. 12; Serial No. 519,620, published July 13, 1948. Class 39.

Bellows Company, The, Akron, Ohio. Power feed for a drill press. 502,773, Oct. 12; Serial No. 481,880, published June 29, 1948. Class 23.

Bellows Company, The, Akron, Ohio. Pneumatic feeds for machine tools. 502,774, Oct. 12; Serial No. 488,732, published June 29, 1948. Class 23.

Bellows Company, The, Akron, Ohio. Air cylinders for mechanical power operation. 502,779, Oct. 12; Serial No. 495,443, published June 29, 1948. Class 23.

Bemis Bro. Bag Company, St. Louis, Mo. Paper bags. 502,804. Oct. 12; Serial No. 523,562, published July 13, 1948. Class 2.

Beneficial Industrial Loan Corporation, Wilmington, Del. Services rendered in the small loan, instalment loan, and instalment credit business. 502,945, Oct. 12; Serial No. 527,261, published July 13, 1948. Class 55.

Bergeron, Victor J., doing business as Trader Vic, Oakland, Calif. Pomegranate syrup, hot buttered rum batter, salad dressings, etc. 502,788, Oct. 12; Serial No. 509,390, published July 13, 1948. Class 46.

Beverwyck Breweries, Inc., Albany, N. Y. Beer. 502,823, Oct. 12; Serial No. 528,248, published June 15, 1948. Class 48.

Big Horn Canning Company, Cowley, Wyo. Canned vegetables. 502,873, Oct. 12; Serial No. 531,192, published July 13, 1948. Class 46.

Bisceglia Brothers, San Jose, by Bisceglia Brothers Wine Co., Fresno, Calif. Wines. 330,797, Dec. 17, 1935. Republished Oct. 12. Class 47.

Bisceglia Brothers Wine Co.: *See*—
Bisceglia Brothers.

Black, Celia R., Detroit, Mich. Brassières and panties, slips and underwear. 502,973, Oct. 12; Serial No. 536,992. Class 39.

Blair of Virginia: *See*—
Morton Manufacturing Corporation.

Booth, William K., doing business as Equipment Engineering Company, Los Angeles, Calif. Bakery machinery. 440,988, Oct. 12; Serial No. 522,956, published June 29, 1948. Class 23.

Boott Mills, Lowell, Mass. Cotton piece goods. 66,322, Nov. 19, 1907. Republished Oct. 12. Class 42.

Boott Mills, Lowell, Mass. Toweling. 141,496, Apr. 26, 1921. Republished Oct. 12. Class 42.

Boott Mills, Lowell, Mass. Scrim in the piece and made up into curtains. 271,379, June 3, 1930. Republished Oct. 12. Class 42.

Boston Varnish Company, Everett, Mass. Ready-mixed paint, paint enamel, and varnishes. 241,765, renewed May 8, 1948. O. G. Oct. 12. Class 16.

Boston Varnish Company, Everett, Mass. Ready-mixed paint, paint enamel, and varnishes. 502,928, Oct. 12; Serial No. 536,492, published June 29, 1948. Class 16.

Bradley's Laboratory to Hy-Phen Corporation, Matoaka, W. Va. Analgesic and sedative preparations. 243,733, renewed June 26, 1948. O. G. Oct. 12. Class 6.

Brice-Waldrop Pickle Company, Denison, Tex. Cucumber pickles. 502,806, Oct. 12; Serial No. 523,820, published July 13, 1948. Class 46.

Brice-Waldrop Pickle Company, Denison, Tex. Cucumber pickles. 502,807, Oct. 12; Serial No. 526,194, published July 13, 1948. Class 46.

Bridges, Clyde L., doing business as Clyde L. Bridges Co., Dallas, Tex. Non-alcoholic, non-cereal, maltless beverages. 502,791, Oct. 12; Serial No. 511,594, published July 13, 1948. Class 45.

Bridges, Clyde L., Co.: *See*—
Bridges, Clyde L.

Bridwell Boiler Works, Atlanta, Ga. Machines for mixing concrete, mortar, and similar aggregates. 440,950, Oct. 12; Serial No. 511,670, published July 13, 1948. Class 23.

Brill, H. C., Company, Inc., Newark, N. J. Baking powder. 252,067, renewed Jan. 22, 1949. O. G. Oct. 12. Class 46.

Brockway Company, The, Naugatuck, Conn. Pipe fittings and pipe couplings. 502,878, Oct. 12; Serial No. 531,437, published July 6, 1948. Class 13.

Bronson & Townsend Co., The, New Haven, Conn. Monthly publications. 186,886, July 22, 1924. Republished Oct. 12. Class 38.

Brookside Distilling Products Corporation, Scranton, Pa. Whiskey, gin, and brandy. 440,996, Oct. 12; Serial No. 523,822, published Jan. 20, 1948. Class 49.

Broom & Newman, New York, N. Y. Men's dress, negligee, and work shirts. 246,563, renewed Sept. 11, 1948. O. G. Oct. 12. Class 39.

Brothers Tobacco Corporation, Brooklyn, N. Y. Cigarettes. 440,963, Oct. 12; Serial No. 515,603, published July 20, 1948. Class 17.

Brown, R. J., Company: *See*—
Brown, R. J., Petroleum Company.

Brown, R. J., Petroleum Company, by The R. J. Brown Company, St. Louis, Mo. Naphtha and lubricating oils and greases. 158,906, Sept. 19, 1922. Republished Oct. 12. Class 15.

Brownell & Field Co., Providence, R. I. Canned fruits, canned vegetables, canned berries, egg noodles, buckwheat flour, etc. 249,393, renewed Nov. 13, 1948. O. G. Oct. 12. Class 46.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling balls. 132,902, July 6, 1920. Republished Oct. 12. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling ball cleaner. 429,573, May 6, 1947. Republished Oct. 12. Class 4.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Rubber cement. 429,909, May 20, 1947. Republished Oct. 12. Class 5.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Electrically operated refrigerators. 432,690, Sept. 9, 1947. Republished Oct. 12. Class 31.

Buegeleisen, Joseph, Co., Detroit, Mich. Leather jackets, riding breeches, gloves, etc. 502,920, Oct. 12; Serial No. 534,506, published July 6, 1948. Class 39.

Builders Ornamental Iron Company, Chicago, Ill. Automobile frame and axle straightening and wheel aligning machines and parts therefor. 502,796, Oct. 12; Serial No. 517,236, published June 29, 1948. Class 23.

Builders Ornamental Iron Company, Chicago, Ill. Automobile frame and axle straightening and wheel aligning machines and parts therefor. 502,800, Oct. 12; Serial No. 522,265, published June 29, 1948. Class 23.

Bulova Watch Company, Inc., to Westfield Watch Company, Inc., New York, N. Y. Watches and watch cases. 233,491, renewed Jan. 5, 1948. O. G. Oct. 12. Class 27.

Burgio Bros., Inc.: *See*—
Victorius, A. V., & Company.

Burlington Mills Corporation: *See*—
May-McEwen-Kaiser Company.

Burns, E. Reed, Manufacturing Corp., Brooklyn, N. Y. Polishing compositions. 170,499, July 17, 1923. Republished Oct. 12. Class 4.

Burns, E. Reed, Mfg. Corp., Brooklyn, N. Y. Polishing and buffing compound. 190,445, Oct. 14, 1924. Republished Oct. 12. Class 4.

Burns, E. Reed, Manufacturing Corporation, Brooklyn, N. Y. Buff wheels. 261,313, Sept. 17, 1929. Republished Oct. 12. Class 4.

Caltex Sportswear Co. of California, Inc.: *See*—
Caltex Sportswear, Inc.

Caltex Sportswear Co. of California, Inc., Los Angeles, Calif. Ladies' and girls' swim suits and men's bathing trunks. 502,961, Oct. 12; Serial No. 529,228. Class 39.

Caltex Sportswear, Inc., by Caltex Sportswear Co. of California, Inc., Los Angeles, Calif. Women's knitted sportwear. 306,400, Sept. 19, 1933. Republished Oct. 12. Class 39.

Camillus Cutlery Company, New York, N. Y. Pocket knives, hunting knives, bread knives, etc. 502,844, Oct. 12; Serial No. 529,229, published June 29, 1948. Class 23.

Canadian Refractories Limited, Montreal, Quebec, Canada, by Basic Refractories, Inc., Cleveland, Ohio. Refractory cement for lining furnaces or ladles, etc. 291,227, Feb. 2, 1932. Republished Oct. 12. Class 12.

Carbon Fuel Company, The, to Carbon Fuel Sales Company, The, Cincinnati, Ohio. Coal. 227,571, renewed May 10, 1947. O. G. Oct. 12. Class 1.

Carbon Fuel Sales Company, The: *See*—
Carbon Fuel Company, The.

Cardinell Corporation: *See*—
Cardinell, John D.
Ink-Out Mfg. Co., Inc.
Ink-Out Manufacturing Company, Inc., The.

Cardinell, John D., doing business as Cardinell-Sales Co., assignor to Ink-Out Mfg. Co., Inc., by Cardinell Corporation, Montclair, N. J. Chemical preparation for use as an ink eradicator. 191,553, Nov. 11, 1924. Republished Oct. 12. Class 6.

Cardinell-Sales Co.: *See*—
Cardinell, John D.

Carran, Grace B., doing business as Central Petroleum Company, by Central Petroleum Company, Cleveland, Ohio. Lubricating oils and greases. 201,328, July 21, 1925. Republished Oct. 12. Class 15.

Carwood Manufacturing Company, Winder, Ga. Sportswear. 440,916, Oct. 12; Serial No. 500,861, published July 6, 1948. Class 39.

Carbonell y Compañia de Cordoba S. A., Cardoba, Spain. Brandy. 440,911, Oct. 12; Serial No. 494,541, published July 13, 1948. Class 49.

Carpenter Steel Company, The, Reading, Pa. Tool steels in bars, billets, and shapes. 244,863, renewed July 31, 1948. O. G. Oct. 12. Class 14.

Carter & Churchill Company, Lebanon, N. H. Coats, mackinaws, dress, negligee, and workshirts, etc. 338,502, Sept. 8, 1936. Republished Oct. 12. Class 39.

Carter & Churchill Company, Lebanon, N. H. Coats, mackinaws; dresses, negligee, and workshirts, etc. 338,504, Sept. 8, 1936. Republished Oct. 12. Class 39.

Cashmere Corporation of America, The, Cleveland, Ohio. Men's, women's, and children's knitted woolen sweaters, cardigans, and pullovers. 502,901, Oct. 12; Serial No. 532,559, published June 15, 1948. Class 39.

Caterillar Tractor Co.: *See*—
Holt Manufacturing Company, The.

Celanese Corporation of America, New York, N. Y. Dyestuffs. 252,169, renewed Jan. 29, 1949. O. G. Oct. 12. Class 6.

Celanese Corporation of America, New York, N. Y. Robes, ladies' and children's dresses and coats. 252,269, renewed Jan. 29, 1949. O. G. Oct. 12. Class 39.

Central Ohio Supply Co., The, Columbus, Ohio. Baking powder. 440,969, Oct. 12; Serial No. 518,346, published June 8, 1948. Class 46.

Central Petroleum Company: *See*—
Carran, Grace B.

Centralia Knitting Mills, Centralia, Wash. Men's and/or women's sweaters. 440,973, Oct. 12; Serial No. 519,512, published July 6, 1948. Class 39.

Chain Store Publishing Corporation, The, by Lebhar-Friedman Publications, Inc., New York, N. Y. Section of a periodical publication. 242,678, May 29, 1928. Republished Oct. 12. Class 38.

Champion Motors Company, Minneapolis, Minn. Outboard motors. 502,834, Oct. 12; Serial No. 528,768, published June 29, 1948. Class 23.

Chattanooga Boiler & Tank Co., Chattanooga, Tenn. Storage tanks. 230,778, Aug. 2, 1927. Republished Oct. 12. Class 2.

Chicago Mica Company, The, Valparaiso, Ind., assignor to Continental Diamond Fibre Company, by Continental-Diamond Fibre Company, Newark, Del. Varnish. 277,192, Nov. 11, 1930. Republished Oct. 12. Class 16.

Chicago Specialty Manufacturing Company, Chicago, Ill. Shower bath heads, tubular traps, chrome faucet handles, etc. 440,914. Oct. 12; Serial No. 497,453, published July 6, 1948. Class 13.

Chitty & Co., Jacksonville, Fla. Canned vegetables, canned fruits, canned soups, etc. 502,794, Oct. 12; Serial No. 515,412, published July 13, 1948. Class 46.

Cincinnati Tool Co., The, Norwood, Ohio. Hand-clamps. 140,773, Mar. 29, 1921. Republished Oct. 12. Class 23.

Cincinnati Tool Company, The, Norwood, Ohio. Clamps. 294,181, May 24, 1932. Republished Oct. 12. Class 23.

Cincinnati Tool Company, The, Norwood, Ohio. C-clamps. 502,867, Oct. 12; Serial No. 530,720, published July 13, 1948. Class 23.

Clemson Bros., Inc.: *See*—
Napier Saw Works, Inc.

Climax Engineering Company, by Climax Industries, Inc., Clinton, Iowa. Internal-combustion engines. 283,120, May 19, 1931. Republished Oct. 12. Class 23.

Climax Engineering Company, by Climax Industries, Inc., Clinton, Iowa. Internal-combustion engines. 283,205, May 19, 1931. Republished Oct. 12. Class 23.

Climax Engineering Company, by Climax Industries, Inc., Clinton, Iowa. Oil field drilling units and pumping units. 405,591, Feb. 8, 1944. Republished Oct. 12. Class 23.

Climax Industries, Inc.: *See*—
Climax Engineering Company.

Clover Farm Stores Corporation: *See*—
Greene-Babcock Co., The.

Coalite Limited to Low Temperature Carbonisation Limited, London, England. Coal, coke, breeze and partially coked coal. 66,405, re-renewed Nov. 26, 1947. O. G. Oct. 12. Class 1.

Coalite Limited to Low Temperature Carbonisation Limited, London, England. Coal, coke, breeze and partially coked or charred coal. 66,502, re-renewed Dec. 10, 1947. O. G. Oct. 12. Class 1.

Columbian Rope Company, Auburn, N. Y. Manila and sisal rope. 83,717, Oct. 10, 1911. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Manila and sisal rope. 84,727, Jan. 2, 1912. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Manila and sisal rope and cordage. 86,755, May 28, 1912. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Manila and sisal rope and cordage. 87,854, Aug. 13, 1912. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Twine. 125,201–2, Apr. 22, 1919. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Plain laid three of four strand rope. 142,475, May 17, 1921. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Rope, twine, and cordage. 153,142, Mar. 14, 1922. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Rope. 243,736, June 26, 1928. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Rope, cord and twine. 327,211, Aug. 20, 1935. Republished Oct. 12. Class 7.

Columbian Rope Company, Auburn, N. Y. Bonded bodies or articles composed essentially of vegetable fibres. 339,917, Oct. 27, 1936. Republished Oct. 12. Class 4.

Conklin Pen Company, Inc., The, Chicago, Ill. Fountain pens. 502,805, Oct. 12; Serial No. 523,568, published June 15, 1948. Class 37.

Consolidated Cigar Corporation, New York, N. Y. Cigars. 502,797, Oct. 12; Serial No. 519,569, published July 20, 1948. Class 17.

Consolidated Grocers Corporation, Chicago, Ill. Canned vegetables, canned seafood, condiments, etc. 440,918, Oct. 12; Serial No. 500,947, published July 13, 1948. Class 46.

Consolidated Industries: *See*—
Russell, Edward S.

Consolidated Machine Tool Corporation, Rochester, N. Y. Metal working machinery. 502,819, Oct. 12; Serial No. 527,449, published July 6, 1948. Class 23.

Consolidated Paper Company, Monroe, and Detroit, Mich., and Aurora, Ill. Paperboard, fiberboard and boxboard. 440,944, Oct. 12; Serial No. 509,076, published June 15, 1948. Class 37.

Consolidated Retail Stores, Inc., St. Louis, Mo. Shoes. 502,787, Oct. 12; Serial No. 508,719, published Dec. 30, 1947. Class 39.

Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplanes and structural parts thereof. 502,951, Oct. 12; Serial No. 505,335. Class 19.

Constantine Dress Company, Boston, Mass. Women's and misses' dresses. 502,868, Oct. 12; Serial No. 530,721, published June 15, 1948. Class 39.

Consumers Gas Company of Georgia, Incorporated, Albany, Ga. Bottled propane heating gas. 441,007, Oct. 12; Serial No. 496,610. Class 6.

Continental-Diamond Fibre Company: *See*—
Chicago Mica Company, The.
Diamond State Fibre Company.

Continental Gin Co., Birmingham, Ala. Cotton gins and distributers, lint flues, etc. 147,287, Oct. 11, 1921. Republished Oct. 12. Class 23.

Continental Gin Company, Birmingham, Ala. Oil engines. 198,624, May 19, 1925. Republished Oct. 12. Class 23.

Continental Gin Company, Birmingham, Ala. Cotton gins, cottenseed linters, feeders and condensers for gins, etc. 224,283–4, Feb. 22, 1927. Republished Oct. 12. Class 23.

Conway Import Co., Inc., Long Island City, N. Y. Olive oil. 336,437, July 7, 1936. Republished Oct. 12. Class 46.

Corona Foothill Lemon Company, Corona, Calif. Fresh citrus fruits. 502,926, Oct. 12; Serial No. 535,818, published July 20, 1948. Class 46.

Country Togs, Inc., New York, N. Y. Infants' and children's jackets, overalls and slacks. 502,924, Oct. 12; Serial No. 535,003, published June 29, 1948. Class 39.

Craddock-Terry Shoe Corporation, Lynchburg, Va. Shoes. 502,795, Oct. 12; Serial No. 516,673, published June 29, 1948. Class 39.

Graighall Bonding Company, Glasgow, Scotland. Whisky. 309,146, Jan. 2, 1934. Republished Oct. 12. Class 40.

Graighall Bonding Company, Glasgow, Scotland. Whisky. 334,303, Apr. 28, 1936. Republished Oct. 12. Class 40.

Creamette Company, The, Minneapolis, Minn. Potato chips, candy, seedless raisins, etc. 201,880, Aug. 11, 1925. Republished Oct. 12. Class 46.

Crowther, Wm. T., & Son, Inc., assignor to Massachusetts Canning Corporation, Boston, Mass. Frosted fish cat food. 502,793, Oct. 12; Serial No. 515,221, published July 20, 1948. Class 46.

Crystal Gelatine Company, Boston, Mass., to Eastman Gelatine Corporation, Peabody, Mass. Gelatin. 70,410, re-renewed Aug. 25, 1948. O. G. Oct. 12. Class 46.

Cudahy Packing Company, The, Chicago, Ill. All-purpose feed compound. 502,864, Oct. 12; Serial No. 530,621, published July 20, 1948. Class 46.

Cunningham, M. E., Company, Pittsburgh, Pa. Die holders. 426,836, Jan. 14, 1947. Republished Oct. 12. Class 23.

Cuno Engineering Corporation, The, Meriden, Conn. Mechanical fluid straining and filtering apparatus and parts thereof. 502,950, Oct. 12; Serial No. 492,687. Class 31.

Curwen & Sons (Estab. 1856) Limited, London, England. Shirts, pyjamas, dressing gowns, etc. 441,005, Oct. 12; Serial No. 525,795, published June 15, 1948. Class 39.

Custom Maid Brassiere Co.: *See*—
Leithold, Emily.

Daniel, Jack, Distillery, Lem Motlow, Prop., Inc., Lynchburg, Tenn. Whiskey. 441,002, Oct. 12; Serial No. 525,555, published June 15, 1948. Class 49.

David, John, Inc., New York, N. Y. Men's and boys' undershirts, shorts and union suits. 502,970, Oct. 12; Serial No. 534,247. Class 39.

Davies, Oscar G., to Palm Beach News and Life, Inc., Palm Beach, Fla. Weekly periodical. 241,510, renewed May 1, 1948. O. G. Oct. 12. Class 38.

Davis Paint Co., Kansas City, Mo. Varnish. 440,983, Oct. 12; Serial No. 521,563, published July 6, 1948. Class 16.

Debonair Fashions, New York, N. Y. Hair snoods. 440,934, Oct. 12; Serial No. 506,428, published Aug. 26, 1947. Class 39.

Delapenha, R. U., & Co. Inc., New York, N. Y. Candy, crystallized ginger, preserved ginger, etc. 225,701, Mar. 22, 1927. Republished Oct. 12. Class 46.

Delapenha, R. U., & Company, Inc., New York, N. Y. Olive oil. 379,695, July 23, 1940. Republished Oct. 12. Class 46.

Dewey Portland Cement Company, Kansas City, Mo. Portland cement. 351,473, Nov. 2, 1937. Republished Oct. 12. Class 12.

Diamints Limited, London, England. Clear boiled sugar peppermint sweetmeats. 502,776, Oct. 12; Serial No. 489,659, published July 20, 1948. Class 46.

Diamond Clamp & Flask Company, Richmond, Ind. Metal casting and metal foundry equipment. 440,967, Oct. 12; Serial No. 517,890, published July 13, 1948. Class 23.

Diamond State Fibre Company, Elsmere, Del. and Bridgeport, Pa., by Continental-Diamond Fibre Company, Newark, Del. Vulcanized fibre. 194,017, Jan. 13, 1925. Republished Oct. 12. Class 1.

Diebold, Incorporated: *See*—
Visible Records Equipment Company.

Diedel, Carl, New York, by Diedel, Charlotte, North Pelham, N. Y. Cosmetic for the temporary coloration of the hair. 409,290, Oct. 3, 1944. Republished Oct. 12. Class 6.

Diedel, Charlotte: *See*—
Diedel, Carl.

Diplomatic Products, Inc.: *See*—
Silz Packing Company, Inc.

Dixie Mercerizing Company, Chattanooga, Tenn. Yarns. 149,368, Dec. 13, 1921. Republished Oct. 12. Class 43.

Dolomite Products Company, The, by Basic Refractories Incorporated, Cleveland, Ohio. Refractory materials for furnace linings and the like. 119,178, Oct. 30, 1917. Republished Oct. 12. Class 12.

Domenico, John A., Denver, Colo. Fresh vegetables. 421,957, June 25, 1946. Republished Oct. 12. Class 46.

Dorsey Trailers, Elba, Ala. Platform trailers, stake body trailers, livestock trailers, etc. 502,965, Oct. 12; Serial No. 530,179. Class 19.

Dovington, Inc., Boston, Mass. Leather jackets and juvenile and boys' pile-lined coats. 413,723, May 8, 1945. Republished Oct. 12. Class 39.

Drittel, Julius, doing business as Julius Drittel Co., Elizabeth, N. J. Housecoats. 502,937, Oct. 12; Serial No. 538,732, published July 6, 1948. Class 39.

Drittel, Julius, Co.: *See*—
Drittel, Julius.

Dunlop Tire and Rubber Corporation, Buffalo, N. Y. White tire coating in the nature of a paint, black tire paint, automobile polish and cleaner, etc. 440,958, Oct. 12; Serial No. 513,616, published July 6, 1948. Class 16.

Duro Metal Products Co., Chicago, Ill. Socket wrenches, socket wrench sets, socket wrench kits, etc. 440,953, Oct. 12; Serial No. 512,899, published June 29, 1948. Class 23.

Eagle Pencil Company, to Eagle Pencil Co., New York, N. Y. Lead pencils. 69,625, re-renewed June 23, 1948. O. G. Oct. 12. Class 37.

Eastern Felt Company, Winchester, Mass. Felt polishing-wheels. 131,900, May 25, 1920. Republished Oct. 12. Class 4.

Eastern Felt Company, Winchester, Mass. Felt polishing-wheels and felts therefor. 148,823, Nov. 29, 1921. Republished Oct. 12. Class 4.

Eastern Felt Company, Winchester, Mass. Polishing wheels and felts therefor. 195,133–6, Feb. 17, 1925. Republished Oct. 12. Class 4.

Eastman Gelatine Corporation: *See*—
Crystal Gelatine Company.

East-Side Fruit Growers, Lodi, Calif. Fresh grapes. 440,949, Oct. 12; Serial No. 511,543, published July 6, 1948. Class 46.

Einstein, Samuel M., Attleboro, Mass. Ornamental clasp-pins, finger rings, etc. 148,005, Nov. 8, 1921. Amended. O. G. Oct. 12. Class 28.

Electra Manufacturing Company, Kansas City, Mo. Voltage regulators, head light relays, horn relays, etc. 433,114, Sept. 23, 1947. Republished Oct. 12. Class 21.

Electric Boat Company, Groton, Conn. Offset printing presses. 440,999, Oct. 12; Serial No. 524,121, published July 13, 1948. Class 23.

Elkloid Company, The: *See*—
Koppe, Gustave E.

Ellwood Hosiery Mills: *See*—
Friedland, Joseph.

Emulsion Process Corporation, The, Jersey City, N. J., to Esso Standard Oil Company, New York, N. Y. Asphalt emulsion for waterproof coatings and general use. 246,874, renewed Sept. 18, 1948. O. G. Oct. 12. Class 12.

Equipment Engineering Company: *See*—
Booth, William K.

Esso Standard Oil Company: *See*—
Emulsion Process Corporation, The.
Pennsylvania Lubricating Company.

Etablissements Vitry-Vaucluse, Societe a Responsabilite Limitee, Vitry-sur-Seine, France. Wines. 440,938, Oct. 12; Serial No. 507,545, published June 29, 1948. Class 47.

Etablissements Vitry-Vaucluse, Societe a Responsabilite Limitee, Vitry-sur-Seine, France. Distilled alcoholic liquors. 440,961, Oct. 12; Serial No. 515,463, published July 13, 1948. Class 49.

Eugene, Ltd., New York, N. Y. Permanent-waving machines. 254,483, Mar. 26, 1929. Republished Oct. 12. Class 44.

Eugene, Ltd., New York, N. Y. Hair-waving solution. 303,232, May 16, 1933. Republished Oct. 12. Class 6.

Eutectic Welding Alloys Company: *See*—
Eutectic Welding Alloys, Inc.
Wasserman, Rene D.

Eutectic Welding Alloys Corporation: *See*—
Eutectic Welding Alloys, Inc.
Wasserman, Rene D.

Eutectic Welding Alloys Corporation, New York, N. Y. Fluxes. 423,367, Aug. 27, 1946. Republished Oct. 12. Class 6.

Eutectic Welding Alloys Corporation, New York, N. Y. Alloys. 428,270, Mar. 18, 1947. Republished Oct. 12. Class 14.

Eutectic Welding Alloys, Inc., assignor to Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Fluxes. 398,545, Nov. 3, 1942. Republished Oct. 12. Class 6.

Evans, Alfred W., Gloucester, Va., and Englewood, N. J. Winches designed to be powered by an internal combustion engine and accessories therefor. 440,952, Oct. 12; Serial No. 512,829, published July 6, 1948. Class 23.

Everedy Company, The, Frederick, Md. Kitchen tools. 440,979, Oct. 12; Serial No. 521,007, published July 6, 1948. Class 23.

Excelsior Shoes, Inc., by The Selby Shoe Company, Portsmouth, Ohio. Women's shoes. 335,883, June 16, 1936. Republished Oct. 12. Class 39.

Faber, A. W., Stein near Nuremberg, and Berlin, Germany, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Rubber erasers. 96,404, Apr. 21, 1914. Republished Oct. 12. Class 37.

Faber-Castell, A. W., Pencil Co., Inc.: *See*—
Faber, A. W.
Von Faber-Castell, Alexander.

Fadrich Corporation: *See*—
Richter, F. Ad., & Co. of New York.

Farrel-Birmingham Company, Incorporated: *See*—
Farrel Foundry & Machine Company.

Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Hydraulic rubber presses, hose-making machines, rubber calenders, etc. 422,642, Aug. 6, 1946. Republished Oct. 12. Class 23.

Farrel Foundry & Machine Company, by Farrel-Birmingham Company, Incorporated, Ansonia, Conn., and Buffalo, N. Y. Gear cutting machines and parts thereof. 179,317, Feb. 5, 1924. Republished Oct. 12. Class 23.

Farrington Manufacturing Company, Boston, Mass. Metal cases, boxes, and display trays. 502,936, Oct. 12; Serial No. 538,262, published July 13, 1948. Class 2.

Faultless Rubber Company, The, Ashland, Ohio. Household rubber gloves. 439,783, July 20, 1948. Corrected. O. G. Oct. 12. Class 39.

Fear, Fred, & Co.: *See*—
Gabriel, Oscar L.

Fenton Hall Clothes, Inc., New York, N. Y. Men's clothes. 502,865, Oct. 12; Serial No. 530,636, published June 29, 1948. Class 39.

Ferer, Kay, Inc., St. Louis, Mo. Ladies' and junior misses' street, evening, house and sport dresses, etc. 502,930–1, Oct. 12; Serial Nos. 536,596–7, published June 22, 1948. Class 39.

Fidelity Machine Company, Inc.: *See*—
Kova Knit Co., The.

Fine Foods, Inc.: *See*—
International Brokerage Company.

Fink, Samuel, Utica, N. Y. Men's, boys', women's and children's hosiery, underwear, sweaters, etc. 502,884, Oct. 12; Serial No. 531,621, published Feb. 24, 1948. Class 39.

First Caramel Malting Corporation, Paterson, N. J. Malt to be used in the making of beer. 502,782, Oct. 12; Serial No. 505,046, published June 15, 1948. Class 48.

First National Laboratories, Inc., Lehighton, Pa. Cold cream, blood and nerve tonic, pills, etc. 209,870, Mar. 2, 1926. Republished Oct. 12. Class 6.

Fischer, Arthur C., doing business as Gustave A. Fischer & Son, Buffalo, N. Y. Smoking pipes. 502,943, Oct. 12; Serial No. 541,926, published July 13, 1948. Class 8.

Fischer, Gustave A. & Son: *See*—
Fischer, Arthur C.

Food Fair Stores, Inc., Philadelphia, Pa. Carbonated, non-alcoholic, non-cereal, maltless beverages. 408,213. July 25, 1944. Republished Oct. 12. Class 45.

Fram Corporation, East Providence, R. I. Filters in the nature of accessories for internal combustion engines. 440,905, Oct. 12; Serial No. 441,200, published June 29, 1948. Class 23.

French-Stamats, Inc., by Stamats Publishing Company, Cedar Rapids, Iowa. Monthly magazine. 311,748, Apr. 3, 1934. Republished Oct. 12. Class 38.

Friedland, Joseph, doing business as Ellwood Hosiery Mills, Mullica Township, Atlantic County, N. J. Hosiery. 502,919, Oct. 12; Serial No. 534,427, published July 6, 1948. Class 39.

Frost, George, Company, Boston, Mass. Men's abdominal supports. 440,931, Oct. 12; Serial No. 505,194, published June 22, 1948. Class 39.

Gabriel, Oscar L., doing business as Happie-Easter Dye Company, New York, N. Y., to Fred Fear & Co., Brooklyn, N. Y. Dyes. 246,712, renewed Sept. 11, 1948. O. G. Oct. 12. Class 6.

Galland-Henning Mfg. Co., Milwaukee, Wis. Mechanical apparatus. 440,937, Oct. 12; Serial No. 507,525, published June 29, 1948. Class 23.

Gantner & Mattern Company, San Francisco, Calif. Swimsuits, coats, jackets, etc. 440,954, Oct. 12; Serial No. 513,172, published July 6, 1948. Class 39.

Garlock Packing Company, The, Palmyra, N. Y. Rubber composition rod and joint packing. 48,356, Dec. 26, 1905. Republished Oct. 12. Class 35.

Garlock Packing Company, The, Palmyra, N. Y. Packing and packing material. 184,261, May 20, 1924. Republished Oct. 12. Class 35.

Garlock Packing Company, The, Palmyra, N. Y. Cord plugs for cleaning condenser tubes. 250,480, renewed Dec. 11, 1948. O. G. Oct. 12. Class 13.

Garlock Packing Company, The, Palmyra, N. Y. Cord plugs. 257,033, May 28, 1929. Republished Oct. 12. Class 13.

Garlock Packing Company, The, Palmyra, N. Y. Packing and packing material. 265,849, Jan. 7, 1930. Republished Oct. 12. Class 35.

Garlock Packing Company, The, Palmyra, N. Y. Leather packings, cups, washers, etc. 356,210, Apr. 19, 1938. Republished Oct. 12. Class 35.

Garlock Packing Company, The, Palmyra, N. Y. Leather packings, cups, washers, etc. 356,556, May 3, 1938. Republished Oct. 12. Class 35.

Garrison, Bertice P., doing business as Paula Garrison, assignor to Paula, Inc., Seattle, Wash. Pajamas. 440,907, Oct. 12; Serial No. 487,714, published July 6, 1948. Class 39.

Garrison, Paula: *See*—
Garrison, Bertice P.

Gebrueder de Trey Aktiengesellschaft, Zurich, Switzerland. Moulding masses for dental purposes. 241,691, renewed May 8, 1948. O. G. Oct. 12. Class 44.

Gemex Company, Newark, to Gemex Company, Union, N. J. Watch bracelets. 250,818, renewed Dec. 18, 1948. O. G. Oct. 12. Class 28.

Gemex Company, Newark, to Gemex Company, Union, N. J. Watch bracelets. 250,821, renewed Dec. 18, 1948. O. G. Oct. 12. Class 28.

Gemex Company, Newark, to Gemex Company, Union, N. J. Watch bracelets. 250,824–5, renewed Dec. 18, 1948. O. G. Oct. 12. Class 28.

General American Transportation Corporation, assignee: *See*—
Yonan-Malek, M.

General Fire Extinguisher Company: *See*—
Grinnell Corporation.

General Steel Castings Corporation, Ridley Township, Delaware County, Pa. Rough and semi-finished metal castings and forgings. 311,490, Mar. 27, 1934. Republished Oct. 12. Class 14.

Gibbs & Company, by Models' Cosmetics, Inc., Chicago, Ill. Facial make-up, lipstick, lip rouge, etc. 417,070, Oct. 16, 1945. Republished Oct. 12. Class 6.

Gibson Oil Company, Fort Smith, Ark., to Majestic Lubricating Company, Tulsa, Okla. Lubricating oil for automobiles. 245,629, renewed Aug. 21, 1948. O. G. Oct. 12. Class 15.

Gifford, C. M., & Sons, San Diego, Calif. Canned olives. 502,897, Oct. 12; Serial No. 532,218, published July 20, 1948. Class 46.

Gipps Brewing Corporation, Peoria, Ill. Beer. 502,853, Oct. 12; Serial No. 530,189, published June 15, 1948. Class 48.

Glenmore Distilleries Company, Owensboro, by Glenmore Distilleries Company, Louisville and Owensboro, Ky. Whiskey. 335,882, June 16, 1936. Republished Oct. 12. Class 49.
Glenmore Distilleries Company, Louisville, Ky. Whiskey. 502,859, Oct. 12; Serial No. 530,495, published June 29, 1948. Class 49.
Glenmore Distilleries Co., Inc., Louisville, by Glenmore Distilleries Co., Inc., Louisville and Owensboro, Ky. Whiskey. 327,555, Aug. 27, 1935. Republished Oct. 12. Class 49.
Glenroy, Ltd.: *See*—
Loeb, Alvin S.
Godchaux Sugars, Inc., New Orleans, La. Sugar. 389,604, Aug. 12, 1941. Republished Oct. 12. Class 46.
Godfrey, E. R., & Sons Company, Milwaukee, Wis. Coffee, powdered sugar, evaporated milk, etc. 191,868, Nov. 18, 1924. Republished Oct. 12. Class 46.
Goelitz Confectionery Company, North Chicago, Ill. Candy. 392,506, Dec. 30, 1941. Republished Oct. 12. Class 46.
Goldfarb, Joseph, Business of: *See*—
Goldfarb, Minnie.
Goldfarb, Minnie, administratrix of the Business of Joseph Goldfarb, assignor to Onyx Blouse Co., Inc., New York, N. Y. Boys' and girls' blouses, shirts, and sport polo shirts. 440,948, Oct. 12; Serial No. 511,083, published Dec. 2, 1947. Class 39.
Goldsmith Clothing Company, St. Louis, Mo. Men's and young men's overcoats. 502,914, Oct. 12; Serial No. 533,461, published July 13, 1948. Class 39.
Goodall-Sanford, Inc.: *See*—
Lesher, Whitman & Co., Inc.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Tires. 502,969, Oct. 12; Serial No. 532,587. Class 35.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Tires. 502,976, Oct. 12; Serial No. 544,076. Class 35.
Grady-Travers Company, The, to The Grady-Travers Company, Incorporated, New York, N. Y. Rope. 249,027, renewed Nov. 6, 1948. O. G. Oct. 12. Class 7.
Grady-Travers Company, Incorporated, The: *See*—
Grady-Travers Company, The.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Golden ginger ale and pale dry ginger ale. 502,816, Oct. 12; Serial No. 527,334, published July 13, 1948. Class 45.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Canned salmon. 502,818, Oct. 12; Serial No. 527,368, published July 13, 1948. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Fresh eggs. 502,821, Oct. 12; Serial No. 527,470, published July 20, 1948. Class 46.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Baking powder. 502,921, Oct. 12; Serial No. 534,774, published July 6, 1948. Class 46.
Greene-Babcock Co., The, assignor to The Grocers-Producers Company, to Clover Farm Stores Corporation, Cleveland, Ohio. Butter, oleomargarine, eggs, etc. 248,203, renewed Oct. 16, 1948. O. G. Oct. 12. Class 46.
Greene, Henry H., doing business as Yankee Nite Cap, New York, N. Y. Male headwear. 502,808, Oct. 12; Serial No. 526,506, published June 22, 1948. Class 39.
Grier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners and parts thereof, etc. 405,109, Jan. 11, 1944. Republished Oct. 12. Class 21.
Grinnell Corporation, now by change of name from General Fire Extinguisher Company, Providence, R. I. Automatic sprinkler apparatus. 502,772, Oct. 12; Serial No. 466,694, published July 13, 1948. Class 13.
Griscom Russell Company, The, New York, N. Y. Protective plastic covering material. 440,906, Oct. 12; Serial No. 483,771, published June 29, 1948. Class 16.
Grocers-Producers Company, The, assignee: *See*—
Greene-Babcock Co., The.
Ground Gripper Shoe Company, Inc., New York, N. Y., by The Selby Shoe Company, Portsmouth, Ohio. Rubber, leather, and fabric shoes. 276,501, Oct. 21, 1930. Republished Oct. 12. Class 39.
Ground Mole Harvester Company: *See*—
Lemanski, Victor.
Growers Fruit Company, Inc., by The H. Rouw Company, Edinburg, Tex. Fresh citrus fruits. 377,022, Apr. 16, 1940. Republished Oct. 12. Class 46.
Gude & Cole Corp., Newark, N. J. Canned peas. 502,906, Oct. 12; Serial No. 533,018, published July 6, 1948. Class 46.
Gutmann, Carl, & Co., Inc., New York, N. Y. Ladies', misses', boys', and girls' sweaters and polo shirts. 502,908, Oct. 12; Serial No. 533,162, published June 15, 1948. Class 39.
H & W Company, The, Newark, N. J. Corsettes. 440,976, Oct. 12; Serial No. 520,216, published June 15, 1948. Class 39.
H & W Company, The, Newark, N. J. Corsettes. 440,981, Oct. 12; Serial No. 521,260, published June 15, 1948. Class 39.
Haase, Wilbert W., Co., Forest Park, Ill. Burial vaults. 502,902, Oct. 12; Serial No. 532,700, published July 13, 1948. Class 2.
Haller, W. A., Corporation, Philadelphia, Pa. Distilled potable alcoholic beverages. 502,913, Oct. 12; Serial No. 533,458, published June 22, 1948. Class 49.
Happie-Easter Dye Company: *See*—
Gabriel, Oscar L.
Hart & Co., by I. Putman Incorporated, Elmira, N. Y. Preparations for holding false teeth in place. 183,824, May 6, 1924. Republished Oct. 12. Class 6.
Hart, Walter H., by Arthur H. Thomas Company, Philadelphia, Pa. Grease for stopcocks and the like. 132,165, June 15, 1920. Republished Oct. 12. Class 15.
Haspel Brothers, Inc., New Orleans, La. Men's and boys' suits, coats, pants, etc. 502,909, Oct. 12; Serial No. 533,163, published July 6, 1948. Class 39.
Hecht Bros: *See*—
Hecht Co., The.
Hecht Co., The, Washington, D. C., also doing business as Hecht Bros., Baltimore, Md., and New York, N. Y., and The Hub, Baltimore, Md. Men's hats. 440,991, Oct. 12; Serial No. 523,467, published June 22, 1948. Class 39.
Heidelberg Brewing Company, The, Covington, Ky. Beer, ale, and porter. 441,003, Oct. 12; Serial No. 525,596, published June 15, 1948. Class 48.
Heil Co., The, Milwaukee, Wis. Oil burning heating boilers and furnaces. 321,714, Feb. 12, 1935. Republished Oct. 12. Class 34.
Heileman, G., Brewing Company, La Crosse, Wis. Beer. 502,972, Oct. 12; Serial No. 535,238. Class 48.
Herbert Hosiery Mills, Inc., Norristown, Pa. Socks for infants and for children. 246,634, renewed Sept. 11, 1948. O. G. Oct. 12. Class 39.
Hexacon Electric Company: *See*—
Johnson, Arthur L.
Hi-Line Co., Inc., New York, N. Y. Infants', children's, boys', girls', misses', and women's apparel. 425,821, Dec. 3, 1946. Republished Oct. 12. Class 39.
Hills Brothers Company, The, New York, N. Y. Grapefruit juice. 251,534, renewed Jan. 8, 1949. O. G. Oct. 12. Class 46.
Hinckley & Schmitt: *See*—
National Water Co.
Hodges Candy Company, assignee: *See*—
Hodges Candy Company, Inc.
Hodges Candy Company, Inc., assignee of Hodges Candy Company, Milledgeville, Ga. Candy. 502,781, Oct. 12; Serial No. 500,659, published July 13, 1948. Class 46.
Holland-American Wafer Company, Grand Rapids, Mich. Bakery products. 152,825, Mar. 7, 1922. Republished Oct. 12. Class 46.
Holland, Michael J., doing business as Holland Specialty Company, Peoria, Ill. Liquid cleansing preparation. 337,466, Aug. 11, 1936. Republished Oct. 12. Class 6.
Holland Specialty Company: *See*—
Holland, Michael J.
Hollywood Rogue Sportswear, assignee: *See*—
Hollywood Rogue Sportswear, Inc.
Hollywood Rogue Sportswear Corp.: *See*—
Hollywood Rogue Sportswear, Inc.
Hollywood Rogue Sportswear, Inc., by Hollywood Rogue Sportswear Corp., Los Angeles, Calif. Shirts for men and women, slack suits, pajamas, etc. 371,528, Sept. 26, 1939. Republished Oct. 12. Class 39.
Hollywood Rogue Sportswear, Inc., Hollywood, assignor to Hollywood Rogue Sportswear, by Hollywood Rogue Sportswear Corp., Los Angeles, Calif. Men's sport shirts. 403,600, Oct. 5, 1943. Republished Oct. 12. Class 39.
Holmes, Thomas, Mfg. Co., The, Philadelphia, Pa. Hair nets. 502,905, Oct. 12; Serial No. 532,887, published June 29, 1948. Class 39.
Holt Manufacturing Company, The, Stockton, Calif., by Caterpillar Tractor Co., Peoria, Ill. Gasolene and traction engines and road working machines. 85,816, Mar. 19, 1912. Republished Oct. 12. Class 23.
Horder's, Incorporated, Chicago, Ill. Typewriter ribbons and carbon papers. 352,179, Nov. 23, 1937. Republished Oct. 12. Class 11.
Household Paper Products Co., Detroit, Mich. Floor wax and furniture polish. 440,930, Oct. 12; Serial No. 504,768, published July 6, 1948. Class 16.
Hub, The: *See*—
Hecht Co., The.
Hudnut, Richard, to Richard Hudnut, New York, N. Y. Extracts, toilet waters, and sachets. 32,188, re-renewed Nov. 29, 1948. O. G. Oct. 12. Class 6.
Hudson Hosiery Company, Charlotte, N. C. Hosiery. 502,810, Oct. 12; Serial No. 526,710, published June 29, 1948. Class 39.
Hudson Hosiery Company, Charlotte, N. C. Hosiery. 502,811, Oct. 12; Serial No. 526,720, published June 15, 1948. Class 39.
Hunter Packing Company, East St. Louis, Ill. Dog food. 363,069, Dec. 13, 1938. Republished Oct. 12. Class 46.
Hunter Packing Company, East St. Louis, Ill. Canned tamales. 363,560, Jan. 3, 1939. Republished Oct. 12. Class 46.
Hydro-Toys Mfg. Co., Lewiston, N. Y. Toys operated by water and/or electricity. 502,962, Oct. 12; Serial No. 529,464. Class 22.
Hy-Phen Corporation: *See*—
Bradley's Laboratory.
Industrial Chemical Development Corp., New York, N. Y. Paint remover compound. 440,980, Oct. 12; Serial No. 521,014, published July 6, 1948. Class 16.
Inglenook Vineyard Co., Rutherford, Calif. Wines. 502,860. Oct. 12; Serial No. 530,510, published June 15, 1948. Class 47.

Ink-Out Mfg. Co., Inc., assignee: *See*—
Cardinell, John D.
Ink-Out Mfg. Co., Inc., by Cardinell Corporation, Montclair, N. J. Ink eradicator. 196,780, Mar. 31, 1925. Republished Oct. 12. Class 6.
Ink-Out Manufacturing Company, Inc., The, by Cardinell Corporation, Montclair, N. J. Fluid ink eradicator. 212,229, Apr. 27, 1926. Republished Oct. 12. Class 6.
International Brokerage Company, Minneapolis, Minn., by Fine Foods, Inc., Seattle, Wash. Canned fish. 332,363, Feb. 11, 1936. Republished Oct. 12. Class 46.
International Fire Equipment Corporation, West New Brighton, to International Fire Equipment Corporation, Staten Island, N. Y. Portable hand fire extinguishing apparatus. 251,403, renewed Jan. 8, 1949. O. G. Oct. 12. Class 23.
Iselin-Jefferson Company, Inc., New York, N. Y. Men's, women's and children's hosiery. 502,915, Oct. 12; Serial No. 533,582, published July 6, 1948. Class 39.
J. & J. Manufacturing Co., Inc.: *See*—
Salem Company, Incorporated, The.
Jabsco Pump Company, Burbank, Calif. Water pumps. 422,191, July 9, 1946. Republished Oct. 12. Class 23.
Jacqmar Limited, London, England. Women's hats, coats, suits, etc. 440,964, Oct. 12; Serial No. 516,134, published June 29, 1948. Class 39.
Jellum, Inc., Joliet, Ill. Macaroni. 431,657, July 29, 1947. Republished Oct. 12. Class 46.
Jergens, Andrew, Company, The: *See*—
Jergens, Andrew, Co., The.
Jergens, Andrew, Co., The, Cincinnati, Ohio and New York, N. Y., by The Andrew Jergens Company, Cincinnati, Ohio. Toilet soaps. 90,341, Feb. 18, 1913. Republished Oct. 12. Class 4.
Jergens, Andrew, Co., The, assignor to The Andrew Jergens Co., by John H. Woodbury, Inc., Cincinnati, Ohio. Facial cream, dental cream, tooth powder, etc. 112,426, Sept. 5, 1916. Republished Oct. 12. Class 6.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Perfumes and toilet waters. 127,424, Nov. 11, 1919. Republished Oct. 12. Class 6.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Toilet soap. 165,568, Mar. 13, 1923. Republished Oct. 12. Class 4.
Johnson, Arthur L., doing business as Hexacon Electric Company, Roselle Park, N. J. Electric soldering irons. 386,556, Apr. 15, 1941. Republished Oct. 12. Class 23.
Johnston, Charles F., doing business as Super Auto Products Co., Oakland, Calif. Automobile engine oil regulators. 440,913, Oct. 12; Serial No. 496,912, published July 13, 1948. Class 23.
Johnston, Robert A., Company, Milwaukee, Wis. Candy. 199,623, June 16, 1925. Republished Oct. 12. Class 46.
Johnston, Robert A., Company, Milwaukee, Wis. Candy. 221,925, Dec. 14, 1926. Republished Oct. 12. Class 46.
Johnston, Robert A., Company, Milwaukee, Wis. Liquid coating for ice-cream. 280,275, Feb. 10, 1931. Republished Oct. 12. Class 46.
Johnston, Robert A., Company, Milwaukee, Wis. Powder preparation for making candy. 323,253, Apr. 9, 1935. Republished Oct. 12. Class 46.
Johnston, Robert A., Company, Milwaukee, Wis. Cocoa. 356,191, Apr. 19, 1938. Republished Oct. 12. Class 46.
Johnston, Robert A., Company, Milwaukee, Wis. Prepared chocolate powder. 380,198–9, Aug. 13, 1940. Republished Oct. 12. Class 46.
Johnston, Robert A., Company, Milwaukee, Wis. Candy. 416,704, Sept. 25, 1945. Republished Oct. 12. Class 46.
Jostam Manufacturing Co., Chicago, by Jostam Manufacturing Co. (1946), Peotone, Ill. Recoil pads for gunstocks. 217,646, Sept. 7, 1926. Republished Oct. 12. Class 9.
Jostam Manufacturing Co. (1946): *See*—
Jostam Manufacturing Co.
Katsafanas Coffee Company, to Katsafanas Coffee Company, Inc., Pittsburgh, Pa. Coffee. 243,625, renewed June 26, 1948. O. G. Oct. 12. Class 46.
Katsafanas Coffee Company, to Katsafanas Coffee Company, Inc., Pittsburgh, Pa. Coffee. 243,998, renewed July 3, 1948. O. G. Oct. 12. Class 46.
Katsafanas Coffee Company, Inc.: *See*—
Katsafanas Coffee Company.
Katz, Mrs. T.: *See*—
Katz, Sophie.
Katz, Sophie, doing business as Mrs. T. Katz, New York, N. Y. Seasoning in powder form. 440,920, Oct. 12; Serial No. 501,743, published July 20, 1948. Class 46.
Keasbey & Mattison Company: *See*—
Turner Bros. Ltd.
Kedmont Manufacturing & Waterproofing Co., Chicago, Ill. Liquid coating preparation. 502,799, Oct. 12; Serial No. 522,029, published June 29, 1948. Class 16.
Kelco Company, San Diego, Calif. Algin product. 407,888, July 4, 1944. Republished Oct. 12. Class 6.
Kennedy Car Liner & Bag Co. Inc., Shelbyville, Ind. Blanket bags, garment bags and food bags, etc. 440,912. Oct. 12; Serial No. 495,608, published July 13, 1948. Class 2.
Kenosha Full Fashioned Mills, Inc., Kenosha, Wis. Lingerie, work clothes, sports wear. 502,802, Oct. 12; Serial No. 522,987, published July 6, 1948. Class 39.
Kent Creations Inc., New York, N. Y. Perfume atomizers. 502,968, Oct. 12; Serial No. 532,138. Class 44.
Kerr, R. W., Plastic Co., assignee: *See*—
Kerr, R. W., Co.
Kerr, R. W., Co., assignor to R. W. Kerr Plastic Co., Hastings, Nebr. Automobile accessories. 502,786, Oct. 12; Serial No. 508,292, published July 13, 1948. Class 23.
Kiewel Brewing Company, Little Falls, Minn. Beer. 502,820, Oct. 12; Serial No. 527,456, published June 29, 1948. Class 48.
Kimball, A., Company, New York, N. Y. Pin tickets, tags, and labels. 44,816, July 25, 1905. Republished Oct. 12. Class 37.
Kimball, A., Company, New York, N. Y. Pin tickets, tags, and labels. 45,277, Aug. 8, 1905. Republished Oct. 12. Class 37.
Kimball, A., Company,, New York, N. Y. Marking tickets. 203,644, Sept. 22, 1925. Republished Oct. 12. Class 37.
King, Charles L., New York, N. Y. Billfolds, purses, handbags, etc. 416,924–5, Oct. 2, 1945. Republished Oct. 12. Class 3.
King & Queen Canneries: *See*—
Taylor, Henry P.
King, Robert C. & Co., New York, N. Y. Men's, women's, and children's underwear. 409,571, Oct. 10, 1944. Republished Oct. 12. Class 39.
Kirby, Block & Fischer, Inc., New York, N. Y. Sheets, pillow cases, blankets, and bedspreads. 277,541, Nov. 18, 1930. Republished Oct. 12. Class 42.
Klar, Adolph, New York, N. Y. Hair nets. 502,827, Oct. 12; Serial No. 528,490, published July 6, 1948. Class 39.
Klar,, Adolph, New York, N. Y. Hair nets. 502,828–9, Oct. 12; Serial Nos. 528,491–2, published July 13, 1948. Class 39.
Klein, D. Emil, Co., Inc., New York, N. Y. Cigars, cheroots, cigarettes, etc. 502,851, Oct. 12; Serial No. 529,778, published July 13, 1948. Class 17.
Klein's, Mrs., Chicago, Ill. Prepared foods. 502,775, Oct. 12; Serial No. 488,857, published July 20, 1948. Class 46.
Knothe Brothers Co. Inc., New York, N. Y. Pajamas, dress and negligee shirts, and night-shirts. 502,841. Oct. 12; Serial No. 529,175, published June 1, 1948. Class 39.
Knothe Brothers Co. Inc., New York, N. Y. Men's, women's, and children's pajamas, shorts, robes, etc. 502,852, Oct. 12; Serial No. 530,007, published June 1, 1948. Class 39.
Kobolt, George E.: *See*—
Kokemuller, Regina.
Kobolt, George E., doing business as Artbiend Cosmetic Studios, Chicago, Ill. Hand cream, face powder, cuticle oil, etc. 354,534, Feb. 15, 1938. Republished Oct. 12. Class 6.
Koch, Max, & Son, Inc., New York, N. Y. Fur coats, fur capes, fur jackets, etc. 440,915, Oct. 12; Serial No. 499,418, published June 22, 1948. Class 39.
Koke, Gene: *See*—
Kokemuller, Regina.
Kokemuller, Regina, doing business as Gene Koke, by George E. Kobolt, doing business as Gene Koke and Tri-Vita Cosmetic Co., Chicago, Ill. Skin cream and skin oil. 382,418, Oct. 29, 1940. Republished Oct. 12. Class 6.
Kold Kist, Inc., Los Angeles, Calif. Frozen fresh cooked meats. 392,582, Jan. 6, 1942. Republished Oct. 12. Class 46.
Koppe, Gustave E., doing business as Elkloid Company, The, to Elkloid Company, The, Providence, R. I. Dice, dice shakers, dominoes, poker chips, etc. 249,951, renewed Nov. 27, 1948. O. G. Oct. 12. Class 22.
Kova Knit Co., The, New York, N. Y., by Fidelity Machine Company, Inc., Philadelphia, Pa. Fabric coverings for table and buffet glassware, fine china, etc. 323,739, Apr. 30, 1935. Republished Oct. 12. Class 2.
Kova Knit Co., The, New York, N. Y., by Fidelity Machine Company, Inc., Philadelphia, Pa. Fabric coverings for table and buffet glassware, fine china, etc. 323,940, May 7, 1935. Republished Oct. 12. Class 2.
Kova Knit Co., The, New York, N. Y., by Fidelity Machine Company, Inc., Philadelphia, Pa. Fabric coverings for household containers. 338,857, Sept. 15, 1936. Republished Oct. 12. Class 50.
Kraft Foods Company: *See*—
Pickle Products Company.
Lake Chelan Fruit Growers, Chelan, Wash. Fresh apples. 207,338, Dec. 29, 1925. Republished Oct. 12. Class 46.
Larus & Brother Company, Inc., Richmond, Va. Tobacco and tobacco products. 502,938. Oct. 12; Serial No. 539,179, published July 13, 1948. Class 17.
La Vine, William H., Rochester, N. Y. Ready mixed enamel paint. 441,004. Oct. 12; Serial No. 525,608, published July 6, 1948. Class 16.
Leading Foundations Co., Inc., New York, N. Y. Corsets, brassières, and foundation garments. 440,908, Oct. 12; Serial No. 490,026, published June 29, 1948. Class 39.
Lebhar-Friedman Publications, Inc.: *See*—
Chain Store Publishing Corporation, The.
Leithold, Emily, doing business as Custom Maid Brassiere Co., Philadelphia, Pa. Brassières. 502,929, Oct. 12; Serial No. 536,591, published July 13, 1948. Class 39.

Lemanski, Victor, doing business as Ground Mole Harvester Company, Bad Axe, Mich. Harvesting machine. 440,968, Oct. 12; Serial No. 518,232, published June 29 1948. Class 23.

Lennys Foods, Inc., Duluth, Minn. Canned mushrooms and canned oriental foods. 440,945, Oct. 12; Serial No. 509,353, published July 20, 1948. Class 46.

Le Roi Company, West Allis, Wis. Automatic regulators. 396,112, June 30, 1942. Republished Oct. 12. Class 23.

Le Roi Company, West Allis, Wis. Tractors, plows, cultivators, etc. 398,387, Oct. 27, 1942. Republished Oct. 12. Class 23.

Le Roi Company, West Allis, Wis. Internal combustion engines. 410,502, Nov. 28, 1944. Republished Oct. 12. Class 23.

Le Roi Company, West Allis, Wis. Internal combustion engines, air or gas compressors, and parts thereof. 412,785, Mar. 27, 1945. Republished Oct. 12. Class 23.

Lesher, Whitman & Co., Inc., New York, N. Y., to Goodall-Sanford, Inc., Sanford, Maine. Uniform serge. 250,498, renewed Dec. 11, 1948. O. G. Oct. 12. Class 42.

Lewandowski, Frank B., doing business as B-Ver-Paw Manufacturing Co., Detroit, Mich. Hand tools. 440,982, Oct. 12; Serial No. 521,266, published July 6, 1948. Class 23.

"Linda" Company, The, Los Angeles, Calif. Robes, negligees, lounging pajamas, etc. 502,861, Oct. 12; Serial No. 530,532, published Mar. 23, 1948. Class 39.

Loeb, Alvin S., doing business as Glenroy, Ltd., Newark, N. J. Whiskey. 441,009, Oct. 12; Serial No. 506,878. Class 49.

Long, Chas. R., Jr., Co., Louisville, Ky. Paint. 70,215, re-renewed Aug. 11, 1948. O. G. Oct. 12. Class 16.

Longo, Inc.: *See*—
Longo Instantaneous Hair Dye, Inc.

Longo Instantaneous Hair Dye, Inc., by Longo, Inc., New York, N. Y. Hair dye. 209,944, Mar. 2, 1926. Republished Oct. 12. Class 6.

Lord & Roberts Recordings, San Diego, Calif. Mechanically grooved phonograph records. 441,006, Oct. 12; Serial No. 525,889, published July 13, 1948. Class 36.

Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Men's and boys' suits, coats, trousers, etc. 502,812, Oct. 12; Serial No. 526,948, published June 15, 1948. Class 39.

Louisiana Drug Company, Inc., Opelousas, La. Medicinal preparation. 420,891, May 7, 1946. Republished Oct. 12. Class 6.

Lowenthal, Siegfried, Company, Cleveland, Ohio. Whiskey. 440,947, Oct. 12; Serial No. 510,602, published June 15, 1948. Class 49.

Low Temperature Carbonisation Limited: *See*—
Coalite Limited.

Lyon Metal Products, Incorporated: *See*—
Lyon Metallic Manufacturing Company.

Lyon Metallic Manufacturing Company, Montgomery, by Lyon Metal Products, Incorporated, Aurora, Ill. Metal boxes, lockers, and tool-boxes. 99,326, Aug. 25, 1914. Republished Oct. 12. Class 2.

MacLachlan Hats Limited, Inc., South Norwalk, Conn. Men's fur felt hats. 502,874, Oct. 12; Serial No. 531,229, published July 6, 1948. Class 39.

Maco Corporation, The, Huntington, Ind. Combined chicken fryer, dutch oven, and casserole. 440,923, Oct. 12; Serial No. 503,300, published July 13, 1948. Class 13.

Macy, R. H., & Co., to Macy, R. H., & Co., Inc., New York, N. Y. Hosiery. 70,185, re-renewed Aug. 11, 1948. O. G. Oct. 12. Class 39.

Macy, R. H., & Co., Inc.: *See*—
Macy, R. H., & Co.

Magic Finger, Inc., New York, N. Y. Organic plastic scrapers. 440,972, Oct. 12; Serial No. 518,960, published July 6, 1948. Class 23.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 320,680, Jan. 1, 1935. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 330,136, Nov. 19, 1935. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 334,057, Apr. 21, 1936. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 334,144, Apr. 21, 1936. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 344,053, Mar. 9, 1937. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 353,759, Jan. 18, 1938. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 355,424, Mar. 15, 1938. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 365,453, Mar. 7, 1939. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Periodical publication. 366,708, Apr. 25, 1939. Republished Oct. 12. Class 38.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 371,257, Sept. 19, 1939. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 377,699, May 14, 1940. Republished Oct. 12. Class 39.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 380,675, Aug. 27, 1940. Republished Oct. 12. Class 39.

Majestic Lubricating Company: *See*—
Gibson Oil Company.

Malis, Irving H., doing business as Veritas Products Co., by Veritas Products Co. Inc., New York, N. Y. Vaginal diaphragms. 342,354, Jan. 12, 1937. Republished Oct. 12. Class 44.

Mallard, A. E., Laboratories, Inc., Detroit, Mich. Colloidal emulsion. 502,977, Oct. 12; Serial No. 545,500. Class 6.

Manhattan Egg Co., Inc., New York, N. Y. Frozen mixture, made of whole eggs, egg yolks, sugar and salt. 502,932, Oct. 12; Serial No. 537,061, published July 13, 1948. Class 46.

Manufacture Francaise de Tapis et Convertures, Beauvais (Oise), France. Coverlets of wool, cotton, or other textiles; tapestries in the nature of upholsteries for furniture, etc. 248,655, renewed Oct. 30, 1948. O. G. Oct. 12. Class 42.

Marcy Lee Manufacturing Company, Dallas, Tex. Women's, junior misses', and misses' dresses. 502,898, Oct. 12; Serial No. 532,314, published June 22, 1948. Class 39.

Marlin Firearms Company, The: *See*—
Marlin Fire Arms Company, The.

Marlin Fire Arms Company, The, by The Marlin Firearms Company, New Haven, Conn. Shotguns, rifles, and pistols. 56,280, Sept. 4, 1906. Republished Oct. 12. Class 9.

Marquette Petroleum Products, Inc., Chicago, Ill. Lubricating oils. 198,316, May 12, 1925. Republished Oct. 12. Class 15.

Mars, Incorporated, Chicago, Ill. Candy. 502,792, Oct. 12; Serial No. 512,070, published July 13, 1948. Class 46.

Marshall Field & Company, Chicago, Ill. Axminster rugs. 229,758, July 5, 1927. Republished Oct. 12. Class 42.

Mashburn, W. O., Jr.: *See*—
Talawanda Springs, Inc.

Massachusetts Canning Corporation, assignee: *See*—
Crowther, Wm. T., & Son, Inc.

May-McEwen-Kaiser Company, Burlington, assignor to Burlington Mills Corporation, Greensboro, N. C. Hosiery. 502,918, Oct. 12; Serial No. 534,302, published July 6, 1948. Class 39.

McCrary Hosiery Mills, Inc., Asheboro, N. C. Women's hosiery. 502,862, Oct. 12; Serial No. 530,537, published June 22, 1948. Class 39.

McCullough Tool Company, Los Angeles, Calif. Services rendered in connection with oil wells. 502,946, Oct. 12; Serial No. 528,068, published July 13, 1948. Class 35.

McCullough Tool Company, Los Angeles, Calif. Services rendered in connection with oil wells. 502,947, Oct. 12; Serial No. 528,080, published July 13, 1948. Class 35.

McDonald & Olliff, Inc., Wauchula, Fla. Canned citrus fruit juice and canned citrus fruit sections. 440,929, Oct. 12; Serial No. 504,569, published July 13, 1948. Class 46.

McGovern & McGovern: *See*—
Monitor Fisheries, Inc.

McGraw, Max, Dundee, Ill. Food products. 440,922, Oct. 12; Serial No. 502,991, published July 13, 1948. Class 46.

Medley Distilling Company, Owensboro, Ky. Whiskey. 502,966–7, Oct. 12; Serial Nos. 530,751–2. Class 49.

Meister Brothers, Cleveland, Ohio. Negligees. 440,935, Oct. 12; Serial No. 506,537, published June 29, 1948. Class 39.

Mello Joy Coffee Company, Lafayette, La. Coffee. 502,877, Oct. 12; Serial No. 531,350, published July 20, 1948. Class 46.

Merchants Chemical Company, The, Stamford, Conn. Corrosion resistant paint. 440,956, Oct. 12; Serial No. 513,438, published July 6, 1948. Class 16.

Merrimac Hat Corporation, Amesbury, Mass. Hats and hat bodies. 440,941, Oct. 12; Serial No. 507,990, published June 29, 1948. Class 39.

Merrimac Hat Corporation, Amesbury, Mass. Hats and hat bodies. 440,942, Oct. 12; Serial No. 508,738, published June 22, 1948. Class 39.

Merwanjee Poonjiajee & Sons, Mandvi, Bombay, India. Chutneys, tap sauce and curry powder. 331,218, Dec. 31, 1935. Republished Oct. 12. Class 46.

Michelson, William, New York, N. Y. Rum. 440,927, Oct. 12; Serial No. 504,120, published June 15, 1948. Class 49.

Michelson, William, New York, N. Y. Liqueurs and cordials. 440,928, Oct. 12; Serial No. 504,121, published June 29, 1948. Class 49.

Micro-Linor Service Corporation, Detroit, Mich. Repair sets for reconditioning or repairing shock absorbers of automotive vehicles. 502,954, Oct. 12; Serial No. 507,831. Class 19.

Miller, Alexander, doing business as Nylospun Hosiery Company, Philadelphia, Pa. Nylon hosiery. 440,989, Oct. 12; Serial No. 523,213, published June 29, 1948. Class 39.

Min-A-Gro Company, The: *See*—
Roben Products, Inc.

Models' Cosmetics, Inc.: *See*—
Gibbs & Company.

Monarch Brewing Company, Chicago, Ill. Beer. 378,887, June 25, 1940. Republished Oct. 12. Class 48.

Monitor Fisheries, Inc., doing business as McGovern & McGovern, Seattle, Wash. Canned salmon. 502,869, Oct. 12; Serial No. 530,755, published July 20, 1948. Class 46.

Monitor Fisheries, Inc., doing business as McGovern & McGovern, Seattle, Wash. Canned fish. 502,870, Oct. 12; Serial No. 530,756, published July 20, 1948. Class 46.

Montague Rod and Reel Company, Montague City, Mass. Fishing rods. 247,925–30, renewed Oct. 9, 1948. O. G. Oct. 12. Class 22.

Montague Rod and Reel Company, Montague City, Mass. Fishing rods. 248,465, renewed Oct. 23, 1948. O. G. Oct. 12. Class 22.

Morganite, Incorporated, Long Island City, N. Y. Gas meter valves. 502,959, Oct. 12; Serial No. 520,517. Class 26.

Morrell, John, & Co., Ottumwa, Iowa. Lard, shortening composed of vegetable oils and animal fats, and sausage. 212,191, renewed Apr. 27, 1946. O. G. Oct. 12. Class 46.

Morse and Skinner: *See*—
Morse, E. E.

Morse, E. E., by Morse and Skinner, Lodi, Calif. Fresh fruits. 207,412, Dec. 29, 1925. Republished Oct. 12. Class 46.

Morse Fields Co., Inc., The, New York and Brooklyn, N. Y. Men's and women's shoes. 502,907, Oct. 12; Serial No. 533,155, published July 6, 1948. Class 39.

Morton, John T., by Morton Manufacturing Corporation, Lynchburg, Va. Medicinal preparation. 86,819, June 4, 1912. Republished Oct. 12. Class 6.

Morton Manufacturing Corporation: *See*—
Morton, John T.

Morton Manufacturing Corporation, also doing business as Blair of Virginia, Lynchburg, Va. Polishes and wax. 502,783, Oct. 12; Serial No. 506,186, published June 29, 1948. Class 16.

Murdock Mfg. and Supply Company, The, Cincinnati, Ohio. Railroad water service hydrant and parts thereof. 440,997–8, Oct. 12; Serial Nos. 523,918–19, published July 13, 1948. Class 13.

Muzzy Inc., New York, N. Y. Brassières. 440,978, Oct. 12; Serial No. 520,822, published June 15, 1948. Class 39.

Mylo Foods Company, Brooklyn, N. Y. Chocolate flavored syrups, lemon and lime flavored syrups, imitation vanilla flavor syrup, etc. 403,421, Sept. 21, 1943. Republished Oct. 12. Class 45.

Nakat Packing Corporation, New York, N. Y. Canned salmon. 502,822, Oct. 12; Serial No. 527,598, published Mar. 9, 1948. Class 46.

Napier Saw Works, Inc., to Clemson Bros., Inc., Middletown, N. Y. Saws. 243,803, renewed June 26, 1948. O. G. Oct. 12. Class 23.

Nason, R. N., Co., San Francisco, Calif. Paints, varnishes, lacquers, etc. 441,001, Oct. 12; Serial No. 525,493, published July 6, 1948. Class 16.

Nason, R. N., & Co., San Francisco, Calif. Automotive finish paints, paint thinners, primers, and surfacers, etc. 502,813, Oct. 12; Serial No. 527,071, published June 29, 1948. Class 16.

Nason, R. N., & Co., San Francisco, Calif. Porch and deck paints. 502,814, Oct. 12; Serial No. 527,075, published June 29, 1948. Class 16.

National Board of Young Women's Christian Association of The United States of America, The, New York, N. Y. Women's sport clothes. 440,974, Oct. 12; Serial No. 519,769, published June 15, 1948. Class 39.

National Broach & Machine Co., Detroit, Mich. Gear manufacturing equipment. 356,074, Apr. 12, 1938. Republished Oct. 12. Class 23.

National Broach & Machine Co., Detroit, Mich. Gauges and machines for sound testing gears. 356,472, Apr. 26, 1938. Republished Oct. 12. Class 26.

National Broach & Machine Co., Detroit, Mich. Broaching and lapping compounds. 357,504, June 7, 1938. Republished Oct. 12. Class 4.

National Hosiery Mills, Inc.: *See*—
National Silk Hosiery Mills, Inc.

National Modes, Inc., New York, N. Y. Women's and misses' coats, suits, and dresses. 211,672, Apr. 13, 1926. Republished Oct. 12. Class 39.

National Modes, Inc., New York, N. Y. Hosiery, fur coats, underwear, etc. 343,819, Mar. 9, 1937. Republished Oct. 12. Class 39.

National Silk Hosiery Mills, Inc., by National Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 371,855, Oct. 10, 1939. Republished Oct. 12. Class 39.

National Supply Company, The, Toledo, Ohio, by The National Supply Company, Pittsburgh, Pa. Metal plugs for dry oil and gas wells, metal pipes, pipe-couplings, etc. 120,992, Mar. 19, 1918. Republished Oct. 12. Class 13.

National Tea Co., Chicago, Ill. Edible jellies and fruit preserves. 440,955, Oct. 12; Serial No. 513,192, published July 13, 1948. Class 46.

National Tea Co., Chicago, Ill. Olives, canned evaporated milk, peanut butter, etc. 440,984, Oct. 12; Serial No. 521,604, published July 13, 1948. Class 46.

National Water Co., Waukesha, Wis., by Hinckley & Schmitt, Chicago, Ill. Mineral water. 63,533, June 25, 1907. Republished Oct. 12. Class 45.

Near's Food Co., Inc.: *See*—
Troy Chemical Co.

Neary, Leonard J., Los Angeles, assignor to David L. Truman, by David L. Truman, Hollywood, Calif. Hair remover composition. 426,901, Jan. 21, 1947. Republished Oct. 12. Class 6.

Needle, Robert, Boston, Mass. Bath robes, pajamas, and house coats. 441,011, Oct. 12; Serial No. 517,098. Class 39.

Neptune Meter Company, Jersey City, N. J., and New York, to Neptune Meter Company, New York, N. Y. Fluid meters. 31,905, re-renewed Aug. 23, 1948. O. G. Oct. 12. Class 26.

Neuweiler's, Louis F., Sons, Allentown, Pa. Beer, porter, and ale. 502,900, Oct. 12; Serial No. 532,480, published June 15, 1948. Class 48.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Transparent and paraffine paper. 269,988, Apr. 22, 1930. Republished Oct. 12. Class 37.

Nylospun Hosiery Company: *See*—
Miller, Alexander.

Oakite Products, Inc.: *See*—
Oakley Chemical Company.

Oakite Products, Inc., New York, N. Y. General cleansing and washing compound. 234,061, Oct. 18, 1927. Republished Oct. 12. Class 4.

Oakite Products, Inc., New York, N. Y. Chemical compound having cleansing detergent, and water-softening qualities. 249,419, Nov. 13, 1928. Republished Oct. 12. Class 6.

Oakite Products, Inc., New York, N. Y. Cleaning and scouring compound. 256,213, May 7, 1929. Republished Oct. 12. Class 4.

Oakite Products, Inc., New York, N. Y. Cleansing compound. 318,802, Nov. 6, 1934. Republished Oct. 12. Class 4.

Oakite Products, Inc., New York, N. Y. Cleaning preparations. 417,925, Nov. 20, 1945. Republished Oct. 12. Class 4.

Oakite Products, Inc., New York, N. Y. Soluble oils. 418,060, Nov. 27, 1945. Republished Oct. 12. Class 15.

Oakite Products, Inc., New York, N. Y. Electrically operated apparatus for measuring and indicating the concentration of cleaning solutions. 423,226, Aug. 27, 1946. Republished Oct. 12. Class 26.

Oakite Products, Inc., New York, N. Y. Metal plates. 423,464, Sept. 3, 1946. Republished Oct. 12. Class 21.

Oakite Products, Inc., New York, N. Y. Electrically operated apparatus for measuring and indicating the concentration of cleaning solutions. 423,466, Sept. 3, 1946. Republished Oct. 12. Class 26.

Oakley Chemical Company, assignor to Oakite Products, Inc., by Oakite Products, Inc., New York, N. Y. General cleansing and washing compound. 218,727, Oct. 5, 1926. Republished Oct. 12. Class 4.

Oakley Chemical Company, assignor to Oakite Products, Inc., by Oakite Products, Inc., New York, N. Y. Chemical cleansing and washing compound. 222,603, Jan. 4, 1927. Republished Oct. 12. Class 6.

Ohio Fruit Products Co.: *See*—
Rahal, Joseph E.

Olin Industries, Inc.: *See*—
Yale Electric Corporation.

Onyx Blouse Co., Inc., assignee: *See*—
Goldfarb, Minnie.

Oppenheim, Collins & Co., Inc., Wilmington, Del., New York, Brooklyn, and Buffalo, N. Y., and Newark, N. J., to Oppenheim, Collins & Co., Inc., New York, N. Y. Women's, misses', and children's shoes. 248,998, renewed Nov. 6, 1948. O. G. Oct. 12. Class 39.

Orrtanna Canning Company, Orrtanna, Pa. Canned apples. 502,801, Oct. 12; Serial No. 522,846, published July 13, 1948. Class 46.

Palm Beach News and Life, Inc.: *See*—
Davies, Oscar G.

Parker-Kalon Corporation, New York, N. Y. Screws, drive screws, drive pins, etc. 502,842, Oct. 12; Serial No. 529,196, published July 13, 1948. Class 13.

Parkington, J. R., & Co., Ltd. London, England. Muscatel wine. 254,585, Mar. 26, 1929. Republished Oct. 12. Class 47.

Parkington, J. R., & Co., Ltd., London, England. Bordeaux wines. 323,059, Apr. 2, 1935. Republished Oct. 12. Class 47.

Parkington, J. R., & Co., Ltd., London, England. Sauterne wine. 328,986, Oct. 15, 1935. Republished Oct. 12. Class 47.

Patek Brothers, Inc., Milwaukee, Wis. Varnish. 502,888, Oct. 12; Serial No. 531,830, published June 29, 1948. Class 16.

Patterson, R., & Sons Limited, Glasgow, Scotland. Coffee essence with chicory. 195,502–3, Feb. 24, 1925. Republished Oct. 12. Class 46.

Paula, Inc., assignee: *See*—
Garrison, Bertice P.

Peale, Peacock and Kerr of New York, New York, N. Y. Coal. 251,953, Jan. 22, 1929. Republished Oct. 12. Class 1.

Penetone Company, The, Tenafly, N. J. Chemical paint remover and paint brush cleaner. 440,994–5, Oct. 12; Serial Nos. 523,799–800, published July 6, 1948. Class 16.

Penick & Ford, Ltd., Incorporated, New York, N. Y. Molasses. 250,080, renewed Nov. 27, 1948. O. G. Oct. 12. Class 46.

Penick & Ford, Ltd., Incorporated, New York, N. Y. Molasses. 250,465, renewed Dec. 11, 1948. O. G. Oct. 12. Class 46.

Penick & Ford Ltd., Incorporated, New York, N. Y. Molasses. 250,951, renewed Dec. 18, 1948. O. G. Oct. 12. Class 46.

Peninsular Paint and Varnish Company, to Acme White Lead & Color Works, Detroit, Mich. Paint enamels, lacquer enamels, lacquers, painters' wall sizings, etc. 247,900, renewed Oct. 9, 1948. O. G. Oct. 12. Class 16.

Pennsylvania Lubricating Company, Pittsburgh, Pa., to Esso Standard Oil Company, New York, N. Y. Liquid binder for forming cores for castings. 246,590, renewed Sept. 11, 1948. O. G. Oct. 12. Class 5.

Pennzoil Company, The, Los Angeles, Calif. Motor fuel oils and lubricant oils and greases. 248,431, renewed Oct. 23, 1948. O. G. Oct. 12. Class 15.

Petersime Incubator Company, Gettysburg, Ohio. Electrical incubators for eggs. 502,879, Oct. 12; Serial No. 531,512, published July 20, 1948. Class 50.

Phelan-Faust Paint Mfg. Co., St. Louis, Mo. Wood penetration floor sealer. 502,910, Oct. 12; Serial No. 533,367, published July 6, 1948. Class 16.

Phelan-Faust Paint Mfg. Co., St. Louis, Mo. Creosote exterior paint. 502,911, Oct. 12; Serial No. 533,368, published July 6, 1948. Class 16.

Phil-Maid, Inc., Chicago, Ill. Lingerie. 502,815, Oct. 12; Serial No. 527,099, published June 29, 1948. Class 39.

Pickle Products Company, Baltimore, Md., by Kraft Foods Company, Chicago, Ill. Salad dressing. 263,156, Oct. 29, 1929. Republished Oct. 12. Class 46.

Pi-Do Corporation, Dallas, Tex. Pie and pastry crust mix. 415,498, Aug. 7, 1945. Republished Oct. 12. Class 46.

Pioneer Suspender Company, Philadelphia, Pa. Trouser supporting belts and apparel belt-and-buckle combinations. 502,777, Oct. 12; Serial No. 491,282, published July 13, 1948. Class 39.

Pirrone, F., & Sons, Inc.: *See*—
Pirrone Wineries, Inc.

Pirrone Wineries, Inc., Garfield, N. J., by F. Pirrone & Sons, Inc. Wine. 397,332, Sept. 1, 1942. Republished Oct. 12. Class 47.

Portis Bros. Hat Co.: *See*—
Portis Style Industries, Inc.

Portis Style Industries, Inc., by change of name from Portis Bros. Hat Co., Chicago, Ill. Hats and caps for men and boys, ear muffs, and gloves, etc. 502,778, Oct. 12; Serial No. 494,232, published June 29, 1948. Class 39.

Prince Obolenski Perfumerie Inc., New York, N. Y. Perfume. 440,909, Oct. 12; Serial No. 490,695, published Mar. 19, 1945. Class 6.

Products-Research-Service, Inc., Westwego, La. Resinous plastic coatings. 440,917, Oct. 12; Serial No. 500,897, published June 29, 1948. Class 16.

Putman, I., Incorporated: *See*—
Hart & Co.

Rahal, Joseph E., doing business as Ohio Fruit Products Co., Cleveland, Ohio. Bottled cherries. 502,830, Oct. 12; Serial No. 528,585, published July 20, 1948. Class 46.

Rapaport Coat Corporation, The, Chicago, Ill. Women's and misses' ready-to-wear coats. 502,916, Oct. 12; Serial No. 533,775, published July 6, 1948. Class 39.

Rateonics Service: *See*—
Starnes, Charles C.

Rath Packing Company, The, Waterloo, Iowa. Bacon. 244,591, renewed July 24, 1948. O. G. Oct. 12. Class 46.

Reader's Digest Association, Inc., The, Pleasantville, N. Y. Periodicals. 261,305, Sept. 17, 1929. Republished Oct. 12. Class 38.

Reardon Company, The, St. Louis, Mo. Fire retardant paint. 502,858, Oct. 12; Serial No. 530,430, published July 6, 1948. Class 16.

Red Robin Stores, Inc., New York, N. Y. Hosiery, dresses, coats, etc. 502,917, Oct. 12; Serial No. 534,052, published June 22, 1948. Class 39.

Red Spot Paint & Varnish Co. Inc., Evansville, Ind. Nitrocellulose lacquers. 440,992, Oct. 12; Serial No. 523,539, published June 29, 1948. Class 16.

Regina Corporation, The, Rahway, N. J. Can openers. 502,835, Oct. 12; Serial No. 528,819, published July 6, 1948. Class 23.

Reliable Grocery Company, Inc., Philadelphia, Pa. Canned vegetables, olives, mustard, etc. 193,416, Dec. 30, 1924. Republished Oct. 12. Class 46.

Resinous Products & Chemical Company, The, assignor to Rohn & Haas Company, Philadelphia, Pa. Synthetic resinous materials or solutions. 440,940, Oct. 12; Serial No. 507,853, published July 13, 1948. Class 16.

Richardson Corporation, Rochester, N. Y. Root beer, root beer syrup, maltless soft drinks, etc. 502,903, Oct. 12; Serial No. 532,756, published June 15, 1948. Class 45.

Richardson Corporation, Rochester, N. Y. Root beer, root beer syrup, maltless soft drinks, etc. 502,904, Oct. 12; Serial No. 532,758, published June 15, 1948. Class 45.

Richter, F. Ad., & Co., Inc., assignee: *See*—
Richter, F. Ad., & Co. of New York.

Richter, F. Ad., & Co. of New York, now by change of name Fadrich Corporation, assignor to F. Ad. Richter & Co., Inc., to F. Ad. Richter & Co. Inc., Brooklyn, N. Y. Liniment. 250,313, renewed Dec. 4, 1948. O. G. Oct. 12. Class 6.

Ries, Jacob, by Jacob Ries Bottling Works, Inc., Shakopee, Minn. Mineral waters. 61,278, May 12, 1907. Republished Oct. 12. Class 45.

Ries, Jacob, Bottling Works, Inc.: *See*—
Ries, Jacob.

Ries, Jacob, Bottling Works, Inc., Shakopee, Minn. Still and effervescent table water. 129,172, Jan. 27, 1920. Republished Oct. 12. Class 45.

Rival Manufacturing Company: *See*—
Taige, Foster L.

Rival Manufacturing Company, by Rival Manufacturing Company, Kansas City, Mo. Can openers. 419,922, Mar. 12, 1946. Republished Oct. 12. Class 23.

Rival Manufacturing Company, assignor to Rival Manufacturing Company, by Rival Manufacturing Company, Kansas City, Mo. Ice crushers. 422,185, July 9, 1946. Republished Oct. 12. Class 23.

Roben Products, Inc., doing business as The Min-A-Gro Company, Des Moines, Iowa. Mineral supplement for livestock and poultry feed. 502,789, Oct. 12; Serial No. 510,111, published July 13, 1948. Class 46.

Ro-Do Packing Co.: *See*—
Rosenthal, Harry.

Rohm & Haas Company, assignee: *See*—
Resinous Products & Chemical Company, The.

Rohm & Haas Company, Philadelphia, Pa. Lacquer emulsions. 440,990, Oct. 12; Serial No. 523,281, published June 29, 1948. Class 16.

Rosenthal, E. M., Jewelry Company, Washington, D. C. Finger rings. 264,495, Nov. 26, 1929. Republished Oct. 12. Class 28.

Rosenthal, E. M., Jewelry Co., Washington, D. C. Watches. 347,721, July 6, 1937. Republished Oct. 12. Class 27.

Rosenthal, Harry, doing business as Ro-Do Packing Co., New York, N. Y. Hydrogenated vegetable oil shortening and soy bean salad oil. 502,912, Oct. 12; Serial No. 533,396, published July 20, 1948. Class 46.

Rouw, H., Company, The: *See*—
Growers Fruit Company, Inc.

Russell, Edward S., doing business as Consolidated Industries, Wallingford, Conn. Well drillers. 502,831, Oct. 12; Serial No. 528,646, published June 29, 1948. Class 23.

Rust-Oleum Corporation, Evanston, Ill. Ready-mixed paint. 440,010, Oct. 12; Serial No. 514,243. Class 16.

S. & J. Machine Corp., Richmond Hill, N. Y. Hand operated auto jacks and auto spark plug wrenches. 440,936, Oct. 12; Serial No. 507,433, published June 29, 1948. Class 23.

S K F Industries, Inc., Philadelphia, Pa. and elsewhere. Ball bearings, roller bearings, parts thereof and mounting accessories thereto, etc. 502,839, Oct. 12; Serial No. 529,098, published July 13, 1948. Class 23.

S K F Industries, Inc., Philadelphia, Pa. Ball bearings, roller bearings, parts thereof and mounting accessories thereto. 502,840, Oct. 12; Serial No. 529,102, published July 13, 1948. Class 23.

Sabel, I., Inc., Philadelphia, Pa. Children's shoes. 502,899, Oct. 12; Serial No. 532,343, published June 22, 1948. Class 39.

Sacha, Paul, Originals, Inc., St. Louis, Mo. Ladies' and misses' wearing apparel. 502,925, Oct. 12; Serial No. 535,081, published June 22, 1948. Class 39.

Safian, Felix, New York, N. Y. Children's, girls' and misses' dresses, blouses, skirts, etc. 440,933, Oct. 12; Serial No. 506,266, published June 29, 1948. Class 39.

Salem Company, Incorporated, The, Winston-Salem, N. C., by change of name from J. & J. Manufacturing Co., Inc. Men's, women's, and boys' workpants. 502,956, Oct. 12; Serial No. 513,259. Class 39.

Salter Canning Company, North Rose, N. Y. Canned berries. 251,763, renewed Jan. 15, 1949. O. G. Oct. 12. Class 46.

Salvajor Company, The, Kansas City, Mo. Tableware, cleaning and salvaging machines. 415,198, July 31, 1945. Republished Oct. 12. Class 23.

San Antonio Brewing Association, San Antonio, Tex. Malt beverages. 315,874, Aug. 14, 1934. Republished Oct. 12. Class 48.

San Antonio Brewing Association, San Antonio, Tex. Malt beverages. 321,357, Jan. 29, 1935. Republished Oct. 12. Class 48.

Schaefer, F. & M., Brewing Co., The, Brooklyn, N. Y. Beer. 502,889, Oct. 12; Serial No. 531,848, published June 22, 1948. Class 48.

Schein Brothers: *See*—
Schein Brothers, Inc.

Schein Brothers, Inc., by Schein Brothers, New York, N. Y. Costume jewelry. 384,101, Jan. 7, 1941. Republished Oct. 12. Class 28.

Schering Corporation: *See*—
Schering-Kahlbaum A. G.

Schering-Kahlbaum A. G., Berlin, Germany, to Schering Corporation, Bloomfield, N. J. Medicine for the treatment of sensickness. 251,723, renewed Jan. 15, 1949. O. G. Oct. 12. Class 6.

Schieren, Chas. A., Company, New York, N. Y. Shoe soles. 502,890, Oct. 12; Serial No. 531,851, published June 22, 1948. Class 39.

Schiff Company, The, Columbus, Ohio, now by change of name Shoe Corporation of America. Women's shoes. 502,790, Oct. 12; Serial No. 510,281, published June 22, 1948. Class 39.

Schmidt, C. and Sons, Incorporated, Philadelphia, Pa. Beer, ale, bock beer, etc. 502,826, Oct. 12; Serial No. 528,316, published July 6, 1948. Class 48.

Schofield Manufacturing Co., Cleveland, Ohio. Automobile body replacement panels and patches. 502,974, Oct. 12; Serial No. 537,083. Class 19.

Schreiber Brewing Company, Inc.: *See*—
Schreiber Products Corporation.

Schreiber Products Corporation, by Schreiber Brewing Company, Inc., Buffalo, N. Y. Coffee. 185,217, June 10, 1924. Republished Oct. 12. Class 46.

Schuman, Milton, doing business as Art Neckwear Company, Philadelphia, Pa. Neckties and mufflers. 440,919, Oct. 12; Serial No. 501,603, published June 29, 1948. Class 39.

Schuylkill Valley Mills, Inc., Spring City, Pa. Hosiery. 502,838, Oct. 12; Serial No. 528,956, published June 29, 1948. Class 39.

Scully, Frank P., doing business as Scully Signal Company, by Scully Signal Company, Cambridge, Mass. Liquid level indicators. 338,437, Sept. 8, 1936. Republished Oct. 12. Class 26.

Scully Signal Company: *See*—
Scully, Frank P.

Scully Signal Company, Cambridge, Mass. Liquid level indicators. 388,439, June 24, 1941. Republished Oct. 12. Class 26.

Seidlitz Paint & Varnish Co., Kansas City, Mo. Paints in paste or semi-paste form. 502,927, Oct. 12; Serial No. 536,156, published July 6, 1948. Class 16.

Selby Shoe Company, The: *See*—
Excelsior Shoes, Inc.
Ground Gripper Shoe Company, Inc.

Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 241,762, May 8, 1928. Republished Oct. 12. Class 39.

Selby Shoe Company, The, Portsmouth, Ohio. Boots and shoes. 249,568, Nov. 20, 1928. Republished Oct. 12. Class 39.

Selby Shoe Company, The, Portsmouth, Ohio. Women's, misses' and children's shoes. 290,498, Jan. 5, 1932. Republished Oct. 12. Class 39.

Selby Shoe Company, The, Portsmouth, Ohio. Women's, misses' and children's shoes. 295,492, July 5, 1932. Republished Oct. 12. Class 39.

Selby Shoe Company, The, Portsmouth, Ohio. Women's, misses', and children's shoes. 301,199, Feb. 21, 1933. Republished Oct. 12. Class 39.

Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 420,096, Mar. 26, 1946. Republished Oct. 12. Class 39.

Select Sportswear, Inc., New York, N. Y. Women's and misses' sportswear. 351,207, Oct. 19, 1937. Republished Oct. 12. Class 39.

Select Sportswear, Inc., New York, N. Y. Ladies' and misses' sweaters and jackets. 404,124, Nov. 2, 1943. Republished Oct. 12. Class 39.

Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sports sweaters and two piece knitted dresses. 405,516–17, Feb. 1, 1944. Republished Oct. 12. Class 39.

Shaeffer-Black Company, The, Canton, Ohio. Potato chips. 440,926, Oct. 12; Serial No. 504,002, published July 13, 1948. Class 46.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation useful in the treatment and prevention of metabolic and nutritional deficiencies and run-down conditions. 502,940, Oct. 12; Serial No. 539,445, published July 20, 1948. Class 6.

Shelby Gum Company, The, Shelby, Ohio. Chewing gum. 502,863, Oct. 12; Serial No. 530,577, published July 20, 1948. Class 46.

Shepard Elevator Company, The, Cincinnati, Ohio. Elevator parts. 430,166, June 10, 1947. Republished Oct. 12. Class 21.

Shoe Corporation of America: *See*—
Schiff Company, The.

Silver Canning Company, The: *See*—
Strasbaugh, Silver & Co.

Silz Packing Company, Inc., New York, N. Y., to Diplomatic Products, Inc., North Bergen, N. J. Pickled pig's foot tasties, pickled lambs' tongues, ox tongue (whole, jelly), pickled boneless pigs' feet, etc. 250,530, renewed Dec. 11, 1948. O. G. Oct. 12. Class 46.

Sinclair Refining Company, New York, N. Y. Insecticides. 251,789, renewed Jan. 15, 1949. O. G. Oct. 12. Class 6.

Sintz, Claude, Detroit, Mich. Sewing-machine, typewriter, adding machine, and similar stands. 253,527, Feb. 26, 1929. Republished Oct. 12. Class 32.

Slip-Not Belting Corporation, Kingsport, Tenn. Transmission belting. 502,963, Oct. 12; Serial No. 529,718. Class 35.

Smith, Alexander, & Sons Carpet Company, Yonkers, N. Y. Wool carpets and wool rugs. 280,248, Feb. 10, 1931. Republished Oct. 12. Class 42.

Smith, Alexander, & Sons Carpet Company, Yonkers, N. Y. Wool carpets and wool rugs. 328,664, Oct. 1, 1935. Republished Oct. 12. Class 42.

Smith, Alexander, & Sons Carpet Company, Yonkers, N. Y. Carpets and rugs. 388,285, June 17, 1941. Republished Oct. 12. Class 42.

Smith, Jane B., & Company, Inc., Chicago, Ill. Salad dressing, French dressing, savory French dressing, etc. 502,809, Oct. 12; Serial No. 526,511, published July 20, 1948. Class 46.

Southard, Frances, Beverly Hills, Calif. Children's paper bibs. 502,958, Oct. 12; Serial No. 515,911. Class 37.

Southern Iron & Equipment Company, Atlanta, Ga. Farm implements. 502,944, Oct. 12; Serial No. 554,940, published July 13, 1948. Class 23.

Sparkletts Drinking Water Corporation, Los Angeles, Calif. Non-alcoholic maltless carbonated beverages. 502,784, Oct. 12; Serial No. 506,395, published June 15, 1948. Class 45.

Speidel Corporation, Providence, R. I. Children's jewelry. 431,500, June 22, 1947. Republished Oct. 12. Class 28.

Spencer-Adams Paint Company, Atlanta, Ga. Ready mixed paints and paint enamel. 440,993, Oct. 12; Serial No. 523,550, published June 29, 1948. Class 16.

Spo, Incorporated, Cleveland, Ohio. Molding machines, vibrators, and valves therefor. 440,946, Oct. 12; Serial No. 509,963, published June 29, 1948. Class 23.

Spranzo, Tony, doing business as American Accordion Center, Chicago, Ill. Accordions. 502,836–7, Oct. 12; Serial Nos. 528,889–90, published July 13, 1948. Class 36.

Stamats Publishing Company: *See*—
French-Stamats, Inc.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. High-boiling aromatic oils, and their fractions. 440,951, Oct. 12; Serial No. 512,349, published July 6, 1948. Class 16.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Diluents for use in the manufacture of lacquers and lacquer thinners. 440,971, Oct. 12; Serial No. 518,791, published July 6, 1948. Class 16.

Stanley Fruit Company, Phoenix, Ariz. Fresh vegetables. 502,871, Oct. 12; Serial No. 531,049, published July 13, 1948. Class 46.

Star-Maid Dresses, Inc., New York, N. Y. Women's and misses' dresses, coats, jackets, etc. 502,866, Oct. 12; Serial No. 530,698, published July 6, 1948. Class 39.

Starnes, Charles C., doing business as Rateonics Service, Dallas, Tex. Utility rate auditing. 502,948, Oct. 12; Serial No. 528,895, published July 13, 1948. Class 55.

Stearns' Electric Paste Co., Buffalo, N. Y., by Stearns' Electric Paste Co., Chicago, Ill. Rat and roach exterminator. 60,395–6, Feb. 5, 1907. Republished Oct. 12. Class 6.

Stearns' Electric Paste Co., Buffalo, N. Y., by Stearns' Electric Paste Co., Chicago, Ill. Rat and roach exterminator. 61,655, Apr. 2, 1907. Republished Oct. 12. Class 6.

Stearns' Electric Paste Co., Buffalo, N. Y., by Stearns' Electric Paste Co., Chicago, Ill. Rat and roach exterminator. 63,294, June 11, 1907. Republished Oct. 12. Class 6.

Stearns' Electric Paste Co., Buffalo, N. Y., by Stearns' Electric Paste Co., Chicago, Ill. Animal poison. 63,945, July 16, 1907. Republished Oct. 12. Class 6.

Steele, J. W., & Company, North Kansas City, Mo. Collar supporting, reinforcing and holding devices. 356,827, May 10, 1938. Republished Oct. 12. Class 37.

Stephens-Adamson Mfg. Co., Aurora, Ill. Anti-friction bearings and bearing seals. 380,006, Aug. 6, 1940. Republished Oct. 12. Class 23.

Stern, L. & H., Inc., Brooklyn, N. Y. Smokers' pipes, filters for pipes and cigar and cigarette holders. 502,933, Oct. 12; Serial No. 537,092, published July 13, 1948. Class 8.

Stewart-Warner Corporation: *See*—
Bassick Manufacturing Company, The.

Strasbaugh, Silver & Co., Aberdeen, to Silver Canning Company, The, Colora, Mo. Canned vegetables. 69,713, renewed June 30, 1948. O. G. Oct. 12. Class 46.

Strauss, Herman G., doing business as Velva-Sheen Co., Denver, Colo. Furniture and floor polishes and waxes. 440,957, Oct. 12; Serial No. 513,474, published July 6, 1948. Class 16.

Strong, Carlisle & Hammond Company: *See*—
Strong, Carlisle & Hammond Company, The.

Strong, Carlisle & Hammond Company, The, by Strong, Carlisle & Hammond Company, Cleveland, Ohio. Steam specialties, vacuum traps, steam and oil separators, etc. 161,644, Nov. 14, 1922. Republished Oct. 12. Class 13.

Strong, Carlisle & Hammond Company, Cleveland, Ohio. Valve and seat assemblies for steam traps. 426,269, Dec. 24, 1946. Republished Oct. 12. Class 13.

Super Auto Products Co.: *See*—
Johnston, Charles F.

Superior Separator Company, Hopkins, Minn. Grain cleaning, scalping, and separating machinery, graders, and stackers. 502,817, Oct. 12; Serial No. 527,365, published July 13, 1948. Class 23.

Swain, R. L., Tobacco Company, Inc., Danville, Va. Cigarettes. 440,960, Oct. 12; Serial No. 514,445, published July 20, 1948. Class 17.

Switzer Brothers, assignor to Switzer Brothers, Inc., Cleveland, Ohio. Fluorescent ready-mixed paints, lacquers, lacquer-enamels, and water colors. 440,924, Oct. 12; Serial No. 503,479, published July 6, 1948. Class 16.

Switzer Brothers, Inc., assignee: *See*—
Switzer Brothers.

Talawanda Springs, Inc., by W. O. Mashburn, Jr., Cincinnati, Ohio. Mineral spring water. 366,095, Mar. 28, 1939. Republished Oct. 12. Class 45.

Talge, Foster L., doing business as Rival Manufacturing Company, by Rival Manufacturing Company, Kansas City, Mo. Aluminum culinary utensils. 318,299, Oct. 23, 1934. Republished Oct. 12. Class 13.

Talon, Inc., Meadville, Pa. Ready-mixed baking enamel. 502,823, Oct. 12; Serial No. 527,922, published July 6, 1948. Class 16.

Taylor & Caldwell, by Taylor & Caldwell, Inc., Walkerton, Va. Canned vegetables. 252,789, Feb. 12, 1929. Republished Oct. 12. Class 46.

Taylor & Caldwell, by Taylor & Caldwell, Inc., Walkerton, Va. Canned vegetables. 254,114, Mar. 12, 1929. Republished Oct. 12. Class 46.

Taylor & Caldwell, by Taylor & Caldwell, Inc., Walkerton, Va. Canned vegetables. 257,743, June 18, 1929. Republished Oct. 12. Class 46.

Taylor & Caldwell, by Taylor & Caldwell, Inc., Walkerton, Va. Canned vegetables. 269,865, Apr. 22, 1930. Republished Oct. 12. Class 46.

Taylor & Caldwell, Inc.: *See*—
Taylor & Caldwell.
Taylor, Henry P.
Taylor, Henry P., Jr.

Taylor & Caldwell, Inc., Walkerton, Va. Canned lima beans. 280,187, Feb. 10, 1931. Republished Oct. 12. Class 46.

Taylor, Henry P., doing business as King & Queen Canneries, by Taylor & Caldwell, Inc., Walkerton, Va. Canned vegetables and canned sweet potato dessert preparation. 303,880, June 13, 1933. Republished Oct. 12. Class 46.

Taylor, Henry P., Jr., Richmond, by Taylor & Caldwell, Inc., Walkerton, Va. Canned fruits and vegetables. 220,782, Nov. 16, 1926. Republished Oct. 12. Class 46.

Taylor, Henry P., Jr., Richmond, by Taylor & Caldwell, Inc., Walkerton, Va. Canned fruits and vegetables. 220,940, Nov. 16, 1926. Republished Oct. 12. Class 46.

Taylor, Taylor & Hobson, Limited, Leicester, England. Variously motivated power driven engraving machines, profile grinding and cutting machines, etc. 502,780, Oct. 12; Serial No. 499,024, published June 29, 1948. Class 23.

Telechron Inc., Ashland, Mass. Radio receiver-electric alarm clock combinations. 502,875, Oct. 12; Serial No. 531,256, published June 8, 1948. Class 21.

Therkildsen, Carl E., New York, N. Y. Infants' knitted and woven underwear. 440,970, Oct. 12; Serial No. 518,490, published July 6, 1948. Class 39.

Thermocor Products, Inc., Erlanger, Ky. Preparations for cleaning, polishing, and preserving silver. 502,955, Oct. 12; Serial No. 509,380. Class 4.

Thew Shovel Company, The, Lorain, Ohio. Power cranes, power shovels, and power dragline machines. 502,843, Oct. 12; Serial No. 529,213, published June 29, 1948. Class 23.

Thomas, Arthur H., Company: *See*—
Hart, Walter H.

Thomas, Vincent B., to Harriet Hubbard Ayer, Inc., New York, N. Y. Face cream. 71,516, re-renewed Dec. 1, 1948. O. G. Oct. 12. Class 6.

Thorpe, Jay, Inc., New York, N. Y. Beaded bags. 250,112, renewed Nov. 27, 1948. O. G. Oct. 12. Class 3.

Time, Incorporated, New York, N. Y. Weekly magazine. 246,868, renewed Sept. 18, 1948. O. G. Oct. 12. Class 38.

Timmy Togs Co., Philadelphia, Pa. Boys' wash and dress suits, blouses, outer shirts, pajamas, etc. 419,003, Jan. 15, 1946. Republished Oct. 12. Class 39.

Topp Oil & Chemical Co.: *See*—
Topp Oil & Supply Co.

Topp Oil & Supply Co., by Topp Oil & Chemical Co., Milwaukee, Wis. Lemon hand soap. 275,779, Sept. 30, 1930. Republished Oct. 12. Class 4.

Trader Vic: *See*—
Bergeron, Victor J.

Tremco Manufacturing Company, The, Cleveland, Ohio. Paint and painters' materials. 270,849, May 13, 1930. Republished Oct. 12. Class 16.

Tremco Manufacturing Company, The, Cleveland, Ohio. Asphalt or tar emulsion materials. 332,078, Feb. 4, 1936. Republished Oct. 12. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Column published in a monthly publication. 375,036, Feb. 6, 1940. Republished Oct. 12. Class 38.

Tremco Manufacturing Company, The, Cleveland, Ohio. Surface coating material. 397,836, Sept. 22, 1942. Republished Oct. 12. Class 12.

Tremco Manufacturing Company, The, Cleveland, Ohio. Corrosion inhibiting coating liquids. 417,516, Oct. 30, 1945. Republished Oct. 12. Class 6.

Tremco Manufacturing Company, The, Cleveland, Ohio. Protective floor coatings. 418,382, Dec. 18, 1945. Republished Oct. 12. Class 16.

Tri-Parel Corporation, Philadelphia, Pa. Children's outer wearing apparel. 440,939, Oct. 12; Serial No. 507,603, published June 22, 1948. Class 39.

Tri-State Paint & Chemical Co., Oklahoma City, Okla. Paint thinner. 440,985, Oct. 12; Serial No. 522,448, published July 6, 1948. Class 16.

Triumph Manufacturing Co., The, Cincinnati, Ohio. Horizontal dough mixers, flour sifters, flour elevators, etc. 502,832, Oct. 12; Serial No. 528,749, published July 6, 1948. Class 23.

Tri-Vita Cosmetic Co.: *See*—
Kokemuller, Regina.

Troy Chemical Co., to Near's Food Co., Inc., Binghamton, N. Y. Mineral tonic for poultry and domestic animals. 239,461, renewed Mar. 6, 1948. O. G. Oct. 12. Class 6.

Truman, David L., assignee: *See*—
Neary, Leonard J.

Tungstone Products Limited, London, England. Pumps and parts thereof. 440,921, Oct. 12; Serial No. 502,037, published June 29, 1948. Class 23.

Turner Bros. Ltd., Rochdale, England, by Keasbey & Mattison Company, Ambler, Pa. Packing and jointing materials. 75,735, Nov. 9, 1909. Republished Oct. 12. Class 35.

Undertakers Supply Company, Chicago, Ill. Monthly magazine. 237,837, Jan. 17, 1928. Republished Oct. 12. Class 38.

United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 502,922, Oct. 12; Serial No. 534,842, published July 6, 1948. Class 39.

Universal Mills, Fort Worth, Tex. White wheat flour. 440,910, Oct. 12; Serial No. 494,245, published July 6, 1948. Class 46.

Van Ameringen, Arnold L., to van Ameringen-Haebler, Inc., New York, N. Y. Essences of perfumes, essences for perfumery materials, aromatic materials for perfuming purposes, etc. 252,231, renewed Jan. 29, 1949. O. G. Oct. 12. Class 6.

Van Ameringen Haebler, Inc.: *See*—
Van Ameringen, Arnold L.

Vanity Fair Mills, Inc., Reading Pa. Women's and misses' underwear and lingerie. 502,941, Oct. 12; Serial No. 539,582, published June 22, 1948. Class 39.

Varona, Angela, Inc., New York, N. Y. Case. 502,934, Oct. 12; Serial No. 537,519, published July 13, 1948. Class 2.

Veach, Berce L., doing business as Veach Shoe Company, St Louis, Mo. Infants' shoes. 440,965, Oct. 12; Serial No. 516,234, published June 29, 1948. Class 39.

Veach Shoe Company: *See*—
Veach, Berce L.

Velva-Sheen Co.: *See*—
Strausse, Herman G.

Vendo Company, The, Kansas City, Mo. Cook stoves employing gas or electricity as heating media, and sterilizing cabinets. 424,636, Oct. 15, 1946. Republished Oct. 12. Class 34.

Vendo Company, The, Kansas City, Mo. Combination mechanically and electrically operated door opening mechanism. 433,122, Sept. 23, 1947. Republished Oct. 12. Class 21.

Venice Maid Company, Inc., Vineland, N. J. Canned spaghetti. 316,995, Sept. 11, 1934. Republished Oct. 12. Class 46.

Veritas Products Co.: *See*—
Malis, Irving H.

Veritas Products Co. Inc.: *See*—
Malis, Irving H.

Veritas Products Company, Inc., New York, N. Y. Vaginal cream. 372,172, Oct. 24, 1939. Republished Oct. 12. Class 6.

Veritas Products Company, Inc., New York, N. Y. Vaginal diaphragms. 412,052, Feb. 13, 1945. Republished Oct. 12. Class 44.

Vermont Plastics, Inc., Montpelier, Vt. Clothespins. 502,935, Oct. 12; Serial No. 537,520, published July 6, 1948. Class 24.

Vermouth Industries of America Inc., New York, N. Y. Vermouth and marsala wines. 502,885, Oct. 12; Serial No. 531,742, published June 15, 1948. Class 47.

Verson Allsteel Press Company, Chicago, Ill. Press metal machinery, comprising mechanical and hydraulic punch presses; press brakes, etc. 502,845, Oct. 12; Serial No. 529,323, published June 29, 1948. Class 23.

Victorius, A. V., & Company, by Burgio Bros., Inc., New York, N. Y. Hosiery. 115,703, Feb. 27, 1917. Republished Oct. 12. Class 39.

Victorius, A. V., & Company, by Burgio Bros., Inc., New York, N. Y. Hosiery. 142,163, May 3, 1921. Republished Oct. 12. Class 39.

Visible Records Equipment Company, Chicago, Ill., by Diebold, Incorporated, Canton, Ohio. Loose-leaf record books. 198,461, May 19, 1925. Republished Oct. 12. Class 37.

Von Faber-Castell, Count Alexander, Stein, near Nuremberg, Germany, by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J. Lead pencils, pencil holders, colored pencils, etc. 227,006, Apr. 26, 1927. Republished Oct. 12. Class 37.

Wager, Robert H., New York, N. Y. Inverted vent check valves. 333,389, Mar. 17, 1936. Republished Oct. 12. Class 13.

Walker, Madam C. J., Mfg. Co., Inc., The, Indianapolis, Ind. Scalp ointment. 502,953, Oct. 12; Serial No. 507,442. Class 6.

Walla-Walla Gum Company, Knoxville, Tenn. Chewing gum. 502,872, Oct. 12; Serial No. 531,166, published July 13, 1948. Class 46.

Wanamaker, John, Philadelphia, Philadelphia, Pa. Perfumes and toilet creams. 239,197, Feb. 28, 1928. Republished Oct. 12. Class 6.

Warren City Manufacturing Company, The, Warren, Ohio. Punch presses, press brakes, and like metal working presses and parts therefor. 440,943, Oct. 12; Serial No. 508,827, published July 6, 1948. Class 23.

Warren, W., Thread Works, Westfield, Mass. Spool cotton. 252,133, renewed Jan. 22, 1949. O. G. Oct. 12. Class 43.

Warshauer & Franck, Inc., Boston, Mass. Ladies' dresses. 502,854, Oct. 12; Serial No. 530,270, published June 15, 1948. Class 39.

Warshauer & Franck, Inc., Boston, Mass. Women's and misses' dresses. 502,855, Oct. 12; Serial No. 530,271, published June 15, 1948. Class 39.

Warshauer & Franck, Inc., Boston, Mass. Ladies' dresses. 502,856, Oct. 12; Serial No. 530,272, published June 15, 1948. Class 39.

Warshauer & Franck, Inc., Boston, Mass. Women's and misses' dresses. 502,857, Oct. 12; Serial No. 530,273, published June 15, 1948. Class 39.

Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Welding electrodes. 416,971, Oct. 9, 1945. Republished Oct. 12. Class 14.

Water Treatment Company of America: *See*—
Baer, Harry L.

Watkins, J. R., Company, The, Winona, Minn. Cleaning preparation in powder form. 502,957, Oct. 12; Serial No. 514,078. Class 4.

Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 502,876, Oct. 12; Serial No. 531,265, published July 6, 1948. Class 39.

Web Wilson Oil Tools Company, assignee: *See*—
Web Wilson Oil Tools, Inc.

Web Wilson Tools Inc., assignee of Web Wilson Oil Tools Company, Huntington Park, Calif. Tong springs, tong dies, and tong pins. 502,785, Oct. 12; Serial No. 506,563, published July 13, 1948. Class 23.

Weddle Tea Co., Inc., New York, N. Y. Tea. 414,632, June 19, 1945. Republished Oct. 12. Class 46.

Welch, C. E., Merced, Calif. Fresh grapes, fresh deciduous fruits. 251,861, renewed Jan. 15, 1949. O. G. Oct. 12. Class 46.

Wells Lamont Corporation: *See*—
Wells Lamont Smith Corporation.
Wells-Lamont-Smith Corporation.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Women's rubberized gloves. 391,803, Nov. 25, 1941. Republished Oct. 12. Class 39.

Wells-Lamont-Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 394,723, Apr. 28, 1942. Republished Oct. 12. Class 39.

Wells Lamont Smith Corporation, by Wells Lamont Corporation, Chicago, Ill. Work gloves. 396,332, July 7, 1942. Republished Oct. 12. Class 39.

Wembley, Inc., New Orleans, La. Neckties. 440,977, Oct. 12; Serial No. 520,776, published June 29, 1948. Class 39.

Wembley, Inc., New Orleans, La. Neckties. 502,846, Oct. 12; Serial No. 529,324, published June 29, 1948. Class 39.

Wembley, Inc., New Orleans, La. Neckties. 502,847–8, Oct. 12; Serial Nos. 529,325–6, published June 29, 1948. Class 39.

West Coast Machinery, Inc., Stockton, Calif. Utility loaders or lift trucks. 440,987, Oct. 12; Serial No. 522,581, published June 29, 1948. Class 23.

Westfield Watch Company, Inc.: *See*—
Bulova Watch Company.

Wheeling Stamping Company, Wheeling, W. Va. Lamp burners. 69,838, re-renewed July 7, 1948. O. G. Oct. 12. Class 34.

White Horse Distillers, Limited, Glasgow, Scotland. Whisky. 302,116–7, Mar. 28, 1933. Republished Oct. 12. Class 49.

White Horse Distillers, Limited, Glasgow, Scotland. Whisky. 315,239, July 24, 1934. Republished Oct. 12. Class 49.

White Lead & Color Works: *See*—
Peninsular Paint and Varnish Company.

Will, Oscar H. & Co., Bismarck, N. Dak. Seeds. 133,094, July 6, 1920. Republished Oct. 12. Class 1.

Wilson Brothers, Chicago, Ill. Neckties. 502,896, Oct. 12; Serial No. 532,185, published June 29, 1948. Class 39.

Wilson Chemical Company, Inc., The: *See*—
Wilson, George C.

Wilson, George C., by Wilson Chemical Company, Inc., The, Tyrone, Pa. Laxative pills. 142,176, May 3, 1921. Republished Oct. 12. Class 6.

Wimelbacher & Rice Inc., New York, N. Y. Fabric gloves. 502,939, Oct. 12; Serial No. 539,372, published June 15, 1948. Class 39.

Winorr Canning Company, The, Circleville, Ohio. Canned vegetables. 138,745, Jan. 4, 1921. Republished Oct. 12. Class 46.

Winorr Canning Company, The, Circleville, Ohio. Canned vegetables. 175,435, Nov. 6, 1923. Republished Oct. 12. Class 46.

Winorr Canning Company, The, Circleville, Ohio. Canned vegetables and canned berries. 193,049, Dec. 16, 1924. Republished Oct. 12. Class 46.

Winorr Canning Company, The, Circleville, Ohio. Canned vegetables. 233,826, Oct. 11, 1927. Republished Oct. 12. Class 46.

Woodard Laboratories, Inc., Los Angeles, Calif. Chemical, pharmaceutical, and biological preparations. 441,012, Oct. 12; Serial No. 525,471. Class 6.

Woodbury, John H., Inc.: *See*—
Jergens, Andrew Co., The.

Wooster Brass Company, The, Wooster, Ohio. Nozzles for fire hose. 502,849, Oct. 12; Serial No. 529,518, published July 13, 1948. Class 13.

Wright, William E., & Sons Company, West Warren, Mass. Bias-fold tapes and trimmings of fabrics. 229,766, July 5, 1927. Republished Oct. 12. Class 40.

Wright's Underwear Corporation, New York, N. Y. Jerseys, heavy outer shirts, vests, etc. 502,880, Oct. 12; Serial No. 531,564, published July 13, 1948. Class 39.

Wright's Underwear Corporation, New York, N. Y. Athletic underwear, undershirts, and shorts. 502,881, Oct. 12; Serial No. 531,565, published July 13, 1948. Class 39.

Wright's Underwear Corporation, New York, N. Y. Knitted underwear. 502,882, Oct. 12; Serial No. 531,566, published July 13, 1948. Class 39.

Wright's Underwear Corporation, New York, N. Y. Underwear, pajamas, sleeping garments, etc. 502,883, Oct. 12; Serial No. 531,567, published July 13, 1948. Class 39.

Wright's Underwear Corporation, New York, N. Y. Knitted underwear. 502,886, Oct. 12; Serial No. 531,746, published June 29, 1948. Class 39.

Yale Electric Corporation, Jersey City, N. J., to Olin Industries, Inc., New Haven, Conn. Electric lanterns, electric flashlights, electric searchlights, etc. 250,832, renewed Dec. 18, 1948. O. G. Oct. 12. Class 21.

Yankee Nite Cap: *See*—
Greene, Henry H.

Yates-American Machine Company, Beloit, Wis. Woodworking machines. 223,872, Feb. 15, 1927. Republished Oct. 12. Class 23.

Yates-American Machine Company, Beloit, Wis. Knives for woodworking machines. 252,457, Feb. 5, 1929. Republished Oct. 12. Class 23.

Yolande Corporation, New York, N. Y. Women's undergarments. 502,942. Oct. 12; Serial No. 540,134, published June 29, 1948. Class 39.

Yonan-Malek, M., Chicago, Ill., assignor to General American Transportation Corporation. Packaged precooked processed cereal. 502,833, Oct. 12; Serial No. 528,750, published July 20, 1948. Class 46.

Yosemite Chemical Company, San Francisco, Calif. Chemical preparations. 440,975, Oct. 12; Serial No. 520,137, published June 8, 1948. Class 4.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Carbon Fuel Company. 227,571, renewed May 10, 1947. O. G. Oct. 12.

Coal. Peale, Peacock and Kerr of New York. 251,953, Jan. 22, 1929. Republished Oct. 12.

Coal, coke, breeze and partially coked coal. Coalite Limited. 66,405, re-renewed Nov. 26, 1947. O. G. Oct. 12.

Coal, coke, breeze and partially coked or charred coal. Coalite Limited. 66,502, re-renewed Dec. 10, 1947. O. G. Oct. 12.

Fibre, Vulcanized. Diamond State Fibre Company. 194,017, Jan. 13, 1925. Republished Oct. 12.

Oakum for packing and calking. American Manufacturing Company. 114,920, Jan. 16, 1917. Republished Oct. 12.

Seeds. Oscar H. Will & Co. 133,094, July 6, 1920. Republished Oct. 12.

CLASS 2

Bags, Blanket, garment bags and food bags, etc. Kennedy Car Liner & Bag Co. Inc. 440,912, Oct. 12; Serial No. 495,608, published July 13, 1948.

Bags, Paper. Bemis Bro. Bag Company. 502,804, Oct. 12; Serial No. 523,562, published July 13, 1948.

Boxes, lockers and tool-boxes, Metal. Lyon Metallic Manufacturing Company. 99,326, Aug. 25, 1914. Republished Oct. 12.

Case. Angela Varona, Inc. 502,934, Oct. 12; Serial No. 537,519, published July 13, 1948.

Cases, boxes, and display trays, Metal. Farrington Manufacturing Company. 502,936, Oct. 12; Serial No. 538,262, published July 13, 1948.
Containers for holding baby bottles, Insulated. Baby World Company, Inc. 502,923, Oct. 12; Serial No. 534,866, published July 13, 1948.
Fabric coverings for table and buffet glassware, fine china, etc. Kova Knit Co. 323,739, Apr. 30, 1935. Republished Oct. 12.
Fabric coverings for table and buffet glassware, fine china, etc. Kova Knit Co. 323,940, May 7, 1935. Republished Oct. 12.
Tanks, Storage. Chattanooga Boiler & Tank Co. 230,778. Aug. 2, 1927. Republished Oct. 12.
Vaults, Burial. Wilbert W. Haase Co. 502,902, Oct. 12; Serial No. 532,700, published July 13, 1948.

CLASS 3

Bags, Beaded. Jay Thorpe Inc. 250,112, renewed Nov. 27, 1948. O. G. Oct. 12.
Billfolds, purses, handbags, etc. C. L. King. 416,924–5, Oct. 2, 1945. Republished Oct. 12.

CLASS 4

Abrasive wheels, Diamond. Abrasive Dressing Tool Company. 502,949, Oct. 12; Serial No. 473,298.
Bonded bodies or articles composed essentially of vegetable fibres. Columbian Rope Company. 339,917, Oct. 27, 1936. Republished Oct. 12.
Broaching and lapping compounds. National Broach & Machine Co. 357,504, June 7, 1938. Republished Oct. 12.
Buff wheels. E. Reed Burns Manufacturing Corporation. 261,313, Sept. 17, 1929. Republished Oct. 12.
Chemical preparations. Yosemite Chemical Company. 440,975, Oct. 12; Serial No. 520,137, published June 8, 1948.
Cleaner, Bowling ball. Brunswick-Balke-Collender Company. 429,573, May 6, 1947. Republished Oct. 12.
Cleaner for woodwork, furniture, upholstery, etc. Argo & Company. 403,141, Sept. 7, 1943. Republished Oct. 12.
Cleaning and scouring compound. Oakite Products, Inc. 256,213, May 7, 1929. Republished Oct. 12.
Cleaning preparation in powder form. J. R. Watkins Company. 502,957, Oct. 12; Serial No. 514,078.
Cleaning preparations. Oakite Products, Inc. 417,925. Nov. 20, 1945. Republished Oct. 12.
Cleansing and washing compound, A general. Oakley Chemical Company. 218,727, Oct. 5, 1926. Republished Oct. 12.
Cleansing and washing compound, General. Oakite Products, Inc. 234,061, Oct. 18, 1927. Republished Oct. 12.
Cleansing compound. Oakite Products, Inc. 318,802. Nov. 6, 1934. Republished Oct. 12.
Polishing and buffing compound. E. Reed Burns Mfg. Corp. 190,445, Oct. 14, 1924. Republished Oct. 12.
Polishing compositions. E. Reed Burns Manufacturing Corp. 170,499, July 17, 1923. Republished Oct. 12.
Polishing wheels and felts therefor. Eastern Felt Company. 195,133–6, Feb. 17, 1925. Republished Oct. 12.
Polishing-wheels and felts therefor, Felt. Eastern Felt Company. 148,823, Nov. 29, 1921. Republished Oct. 12.
Polishing-wheels, Felt. Eastern Felt Company. 131,900. May 25, 1920. Republished Oct. 12.
Preparations for cleaning, polishing and preserving silver. Thermocor Products, Inc. 502,935, Oct. 12; Serial No. 509,380.
Soap, Lemon hand. Topp Oil & Supply Co. 275,779, Sept. 30, 1930. Republished Oct. 12.
Soap, Toilet. Andrew Jergens Company. 165,568, Mar 13, 1923. Republished Oct. 12.
Soaps, Toilet. Andrew Jergens Co. 90,341, Feb. 18, 1913. Republished Oct. 12.

CLASS 5

Binder for forming cores for casting, Liquid. Pennsylvania Lubricating Company. 246,590, renewed Sept. 11, 1948. O. G. Oct. 12.
Cement, Rubber. Brunswick-Balke-Collender Company. 429,909, May 20, 1947. Republished Oct. 12.

CLASS 6

Algin product. Kelco Company. 407,888, July 4, 1944. Republished Oct. 12.
Analgesic and sedative preparations. Bradley's Laboratory. 243,733, renewed June 26, 1948. O. G. Oct. 12.
Aspirin preparation. Agencia Exportadora Chelin. 441,008, Oct. 12; Serial No. 503,149.
Chemical cleansing and washing compound. Oakley Chemical Company. 222,603, Jan. 4, 1927. Republished Oct. 12.
Chemical compound having cleansing detergent, and water-softening qualities. Oakite Products, Inc. 249,419, Nov. 13, 1928. Republished Oct. 12.
Chemical, pharmaceutical, and biological preparations. Woodard Laboratories, Inc. 441,012, Oct. 12; Serial No. 525,471.
Chemical preparation for use as an ink eradicator. J. D. Cardinell. 191,553, Nov. 11, 1924. Republished Oct. 12
Cleansing preparation, Liquid. M. J. Holland. 337,466, Aug. 11, 1936. Republished Oct. 12.
Cold cream, blood and nerve tonic, pills, etc. First National Laboratories, Inc. 209,870, Mar. 2, 1926. Republished Oct. 12.
Corrosion inhibiting coating liquids. Tremco Manufacturing Company. 417,516, Oct. 30, 1945. Republished Oct. 12.
Cosmetic for the temporary coloration of the hair. C. Diedel. 409,290, Oct. 3, 1944. Republished Oct. 12.
Cream and skin oil, Skin. R. Kokemuller. 382,418, Oct. 29, 1940. Republished Oct. 12.
Cream, Face. V. B. Thomas. 71,516, re-renewed Dec. 1, 1948. O. G. Oct. 12.
Cream, face powder, cuticle oil, etc., Hand. G. E. Kobolt. 354,534, Feb. 15, 1938. Republished Oct. 12.
Detergent for removing scale and deposits from water conduits and containers, etc. H. L. Baer. 245,428, renewed Aug. 14, 1948. O. G. Oct. 12.
Dyes. O. L. Gabriel. 246,712, renewed Sept. 11, 1948. O. G. Oct. 12.
Dyestuffs. Celanese Corporation of America. 252,169, renewed Jan. 29, 1949. O. G. Oct. 12.
Emulsion, Colloidal. A. E. Mallard Laboratories, Inc. 502,977, Oct. 12; Serial No. 545,500.
Essences of perfumes, essences for perfumery materials, aromatic materials for perfuming purposes, etc. A. L. van Ameringen. 252,231, renewed Jan. 29, 1949. O. G. Oct. 12.
Exterminator, Rat and roach. Stearns' Electric Paste Co. 60,395–6, Feb. 5, 1907. Republished Oct. 12.
Exterminator, Rat and roach. Stearns' Electric Paste Co. 61,655, Apr. 2, 1907. Republished Oct. 12.
Exterminator, Rat and roach. Stearns' Electric Paste Co. 63,294, June 11, 1907. Republished Oct. 12.
Extracts, toilet waters, and sachets. Richard Hudnut. 32,188, re-renewed Nov. 29, 1948. O. G. Oct. 12.
Facial cream, dental cream, tooth powder, etc. Andrew Jergens Co. 112,426, Sept. 5, 1916. Republished Oct. 12.
Facial make-up, lipstick, lip rouge, etc. Gibbs & Company. 417,070, Oct. 16, 1945. Republished Oct. 12.
Fluxes. Eutectic Welding Alloys Corporation. 423,367, Aug. 27, 1946. Republished Oct. 12.
Fluxes. Eutectic Welding Alloys, Inc. 398,545, Nov. 3, 1942. Republished Oct. 12.
Hair dye. Longo Instantaneous Hair Dye, Inc. 209,944, Mar. 2, 1926. Republished Oct. 12.
Hair remover composition. L. J. Neary. 426,901, Jan. 21, 1947. Republished Oct. 12.
Hair-waving solution. Eugene, Ltd. 303,232, May 16, 1933 Republished Oct. 12.
Ink eradicator. Ink-Out Mfg. Co., Inc. 196,780, Mar. 31, 1925. Republished Oct. 12.
Ink eradicator, Fluid. Ink-Out Manufacturing Company, Inc. 212,229, Apr. 27, 1926. Republished Oct. 12.
Insecticides. Sinclair Refining Company. 251,789, renewed Jan. 15, 1949. O. G. Oct. 12.
Laxative pills. G. C. Wilson. 142,176, May 3, 1921. Republished Oct. 12.
Liniment, F. Ad. Richter & Co. of New York. 250,313, renewed Dec. 4, 1948. O. G. Oct. 12.
Lipsticks, rouges and nail polish. Avon Products, Inc. 433,255–6, Sept. 30, 1947. Republished Oct. 12.
Lotions, and astringents, Skin. Elizabeth Arden Sales Corporation. 502,975, Oct. 12; Serial No. 539,386.
Lotions, Reducing. Elizabeth Arden Sales Corporation. 502,960, Oct. 12; Serial No. 524,316.
Medicinal preparation. Louisiana Drug Company, Inc. 420,891, May 7, 1946. Republished Oct. 12.
Medicinal preparation. J. T. Morton. 86,819, June 4, 1912. Republished Oct. 12.
Medicine for the treatment of seasickness. Schering-Kahlbaum A. G. 251,723, renewed Jan. 15, 1949. O. G. Oct. 12.
Ointment, Scalp. Madam C. J. Walker Mfg. Co., Inc. 502,953, Oct. 12; Serial No. 507,442.
Perfume. Prince Obolenski Perfumerie Inc. 440,909, Oct. 12; Serial No. 490,695, published Mar. 19, 1945.
Perfumes and toilet creams. John Wanamaker. 239,197, Feb. 28, 1928. Republished Oct. 12.
Perfumes and toilet waters. Andrew Jergens Company. 127,424, Nov. 11, 1919. Republished Oct. 12.
Poison, Animal. Stearns' Electric Paste Co. 63,945, July 16, 1907. Republished Oct. 12.
Preparation useful in the treatment and prevention of metabolic and nutritional deficiencies and run-down conditions. Sharp & Dohme, Incorporated. 502,940, Oct. 12; Serial No. 539,445, published July 20, 1948.
Preparations for holding false teeth in place. Hart & Co. 183,824, May 6, 1924. Republished Oct. 12.
Powder, perfume, talcum powder, etc., Toilet. Arkwright Merchandising Corp. 310,475, Feb. 27, 1934. Republished Oct. 12.
Propane heating gas, Bottled. Consumers Gas Company of Georgia, Incorporated. 441,007, Oct. 12; Serial No. 496,610.
Tonic for poultry and domestic animals; Mineral. Troy Chemical Co. 239,461, renewed Mar. 6, 1948. O. G. Oct. 12.
Vaginal cream. Veritas Products Company, Inc. 372,172, Oct. 24, 1939. Republished Oct. 12.

CLASS 7

Rope. American Manufacturing Company. 124,811, Mar. 18, 1919. Republished Oct. 12.
Rope. Columbian Rope Company. 243,736, June 26, 1928. Republished Oct. 12.
Rope. Grady-Travers Company. 249,027, renewed Nov. 6, 1948. O. G. Oct. 12.
Rope and cordage, Manila and sisal. Columbian Rope Company. 86,755, May 28, 1912. Republished Oct. 12.
Rope and cordage, Manila and sisal. Columbian Rope Company. 87,854, Aug. 13, 1912. Republished Oct. 12.
Rope, cord, twine. American Manufacturing Company. 125,775, June 17, 1919. Republished Oct. 12.
Rope, cord, and twine. American Manufacturing Company. 130,608, May 4, 1920. Republished Oct. 12.
Rope, cord, and twine. American Manufacturing Company. 142,415, May 17, 1921. Republished Oct. 12.
Rope, cord, and twine. Columbian Rope Company. 327,211, Aug. 20, 1935. Republished Oct. 12.
Rope, Manila and sisal. Columbian Rope Company. 83,717, Oct. 10, 1911. Republished Oct. 12.
Rope, Manila and sisal. Columbian Rope Company. 84,727, Jan. 2, 1912. Republished Oct. 12.
Rope, Manila, hemp, sisal, and other vegetable fiber. American Manufacturing Company. 299,530, Dec. 6, 1932. Republished Oct. 12.
Rope, Plain laid three of four strand. Columbian Rope Company. 142,475, May 17, 1921. Republished Oct. 12.
Rope, twine, and cordage. Columbian Rope Company. 153,142, Mar. 14, 1922. Republished Oct. 12.
Twine. Columbian Rope Company. 125,201–2, Apr. 22, 1919. Republished Oct. 12.

CLASS 8

Pipes, Smokers', filters for pipes, and cigar and cigarette holders. L. & H. Stern Inc. 502,933, Oct. 12; Serial No. 537,092, published July 13, 1948.
Pipes, Smoking. A. C. Fischer. 502,943, Oct. 12; Serial No. 541,926, published July 13, 1948.

CLASS 9

Pads for gunstocks, Recoil. Jostam Manufacturing Co. 217,646, Sept. 7, 1926. Republished Oct. 12.
Shotguns, rifles, and pistols. Marlin Fire Arms Company. 56,280, Sept. 4, 1906. Republished Oct. 12.

CLASS 11

Ribbons and carbon papers, Typewriter. Horder's, Incorporated. 352,179, Nov. 23, 1937. Republished Oct. 12.

CLASS 12

Asphalt emulsion for waterproof coatings and general use. Emulsion Process Corporation. 246,874, renewed Sept. 18, 1948. O. G. Oct. 12.
Asphalt or tar emulsion materials. Tremco Manufacturing Company. 332,078, Feb. 4, 1936. Republished Oct. 12.
Cement for lining furnaces or ladles, etc., Refractory. Canadian Refractories Limited. 291,227, Feb. 2, 1932. Republished Oct. 12.
Cement, Portland. Dewey Portland Cement Company. 351,473, Nov. 2, 1937. Republished Oct. 12.
Coating material, Surface. Tremco Manufacturing Company. 397,836, Sept. 22, 1942. Republished Oct. 12.
Lime and cement. Ash Grove Lime & Portland Cement Company. 275,137, Sept. 16, 1930. Republished Oct. 12.
Refractory materials. Basic Refractories, Inc. 429,463, Apr. 29, 1947. Republished Oct. 12.
Refractory materials for furnace-linings and similar purposes. Basic Products Company. 112,465, Sept. 12, 1916. Republished Oct. 12.
Refractory materials for furnace linings and the like. Dolomite Products Company. 119,178, Oct. 30, 1917. Republished Oct. 12.

CLASS 13

Check valves, Inverted vent. R. H. Wager. 333,389. Mar. 17, 1936. Republished Oct. 12.
Chicken fryer, dutch oven, and casserole, Combined. Maco Corporation. 440,923. Oct. 12; Serial No. 503,300, published July 13, 1948.
Hydrant and parts thereof, Railroad water service. Murdock Mfg. and Supply Company. 440,997–8, Oct. 12; Serial Nos. 523,918–19, published July 13, 1948.
Nozzles for fire hose. Wooster Brass Company. 502,849, Oct. 12; Serial No. 529,518, published July 13, 1948.
Pipe fittings and pipe couplings. Brockway Company. 502,878, Oct. 12; Serial No. 531,437, published July 6, 1948.
Plugs, Cord. Garlock Packing Company. 257,033, May 28, 1929. Republished Oct. 12.
Plugs for cleaning condenser tubes, Cord. Garlock Packing Company. 250,480, renewed Dec. 11, 1948. O. G. Oct. 12.
Plugs for dry oil and gas wells, metal pipes, pipe-couplings, etc., Metal. National Supply Company. 120,992, Mar. 19, 1918. Republished Oct. 12.
Screws, drive screws, drive pins, etc. Parker-Kalon Corporation. 502,842. Oct. 12; Serial No. 529,196, published July 13, 1948.
Shower bath heads, tubular traps, chrome faucet handles, etc. Chicago Specialty Manufacturing Company. 440,914, Oct. 12; Serial No. 497,453, published July 6, 1948.
Sprinkler apparatus, Automatic. Grinnell Corporation. 502,772, Oct. 12; Serial No. 466,694, published July 13, 1948.
Steam specialties, vacuum traps, steam and oil separators, etc. Strong, Carlisle & Hammond Company. 161,644, Nov. 14, 1922. Republished Oct. 12.
Utensils, Aluminum culinary. F. L. Talge. 318,299, Oct. 23, 1934. Republished Oct. 12.
Valve and seat assemblies for steam traps. Strong, Carlisle & Hammond Company. 426,269, Dec. 24, 1946. Republished Oct. 12.
Valves, Flow control, pressure reducing valves, pressure relief valves, etc. Bell & Gossett Company. 502,803, Oct. 12; Serial No. 523,349, published July 13, 1948.

CLASS 14

Alloys. Eutectic Welding Alloys Corporation. 428,270, Mar. 18, 1947. Republished Oct. 12.
Castings and forgings, Rough and semi-finished metal. General Steel Castings Corporation. 311,490, Mar. 27, 1934. Republished Oct. 12.
Coating metal and soldering metal, Noncorrosive. American Machine & Foundry Company. 250,782, renewed Dec. 18, 1948. O. G. Oct. 12.
Steels in bars, billets, and shapes, Tool. Carpenter Steel Company. 244,863, renewed July 31, 1948. O. G. Oct. 12.
Welding electrodes. R. D. Wasserman. 416,971, Oct. 9, 1945. Republished Oct. 12.

CLASS 15

Grease for stopcocks and the like. W. H. Hart. 132,165, June 15, 1920. Republished Oct. 12.
Oil for automobiles, Lubricating. Gibson Oil Company. 245,629, renewed Aug. 21, 1948. O. G. Oct. 12.
Oils and greases, Lubricating. G. B. Carran. 201,328, July 21, 1925. Republished Oct. 12.
Oils and greases, Naphtha and lubricating. R. J. Brown Petroleum Company. 158,906, Sept. 19, 1922. Republished Oct. 12.
Oils and lubricant oils and greases, Motor fuel. Pennzoil Company. 248,431, renewed Oct. 23, 1948. O. G. Oct. 12.
Oils, Lubricating. Marquette Petroleum Products, Inc. 198,316, May 12, 1935. Republished Oct. 12.
Oils, Soluble. Oakite Products, Inc. 418,060, Nov. 27, 1945. Republished Oct. 12.

CLASS 16

Coating in the nature of a paint, White tire, black tire paint, automobile polish and cleaner, etc. Dunlop Tire and Rubber Corporation. 440,958, Oct. 12; Serial No. 513,616, published July 6, 1948.
Coating preparation, Liquid. Kedmont Manufacturing & Waterproofing Co. 502,799, Oct. 12; Serial No. 522,029, published June 29, 1948.
Coatings, Resinous plastic. Products-Research-Service, Inc. 440,917, Oct. 12; Serial No. 500,897, published June 29, 1948.
Covering material, Protective plastic. Griscom Russell Company. 440,906, Oct. 12; Serial No. 483,771, published June 29, 1948.
Diluents for use in the manufacture of lacquers and lacquer thinners. Standard Oil Company of California. 440,971, Oct. 12; Serial No. 518,791, published July 6, 1948.
Enamel paint, Ready mixed. W. H. La Vine. 441,004, Oct. 12; Serial No. 525,608, published July 6, 1948.
Enamel, Ready-mixed baking. Talon, Inc. 502,823, Oct. 12; Serial No. 527,922, published July 6, 1948.
Finishes, Painters' gloss and flat; mixed, ready mixed, cold-water, and paste paints, etc. Acme White Lead & Color Works. 248,517, renewed Oct. 23, 1948. O. G. Oct. 12.
Floor coatings, Protective. Tremco Manufacturing Company. 418,382, Dec. 18, 1945. Republished Oct. 12.
Lacquer emulsions. Rohm & Haas Company. 440,990, Oct. 12; Serial No. 523,281, published June 29, 1948.
Lacquers, Nitrocellulose. Red Spot Paint & Varnish Co., Inc. 440,992. Oct. 12; Serial No. 523,539, published June 29, 1948.
Oils and their fractions, High-boiling aromatic. Standard Oil Company. 440,951, Oct. 12; Serial No. 512,349, published July 6, 1948.
Paint. Chas. R. Long, Jr., Co. 70,215, re-renewed Aug. 11, 1948. O. G. Oct. 12.
Paint and painters' materials. Tremco Manufacturing Company. 270,849, May 13, 1930. Republished Oct. 12.
Paint, Corrosion resistant. Merchants Chemical Company. 440,956, Oct. 12; Serial No. 513,438, published July 6, 1948.
Paint, Creosote exterior. Phelan-Faust Paint Mfg. Co. 502,911, Oct. 12; Serial No. 533,368, published July 6, 1948.
Paint enamels. Atlantic Calsomine Co., Inc. 440,966, Oct. 12; Serial No. 516,808, published July 6, 1948.
Paint enamels, lacquer enamels, lacquers, painters' wall sizings, etc. Peninsular Paint and Varnish Company. 247,900, renewed Oct. 9, 1948. O. G. Oct. 12.
Paint, Fire retardant. Reardon Company. 502,858, Oct. 12; Serial No. 530,430, published July 6, 1948.

Paint, Ready-mixed. Rust-Oleum Corporation. 441,010, Oct. 12; Serial No. 514,243.
Paint, Ready-mixed, paint enamel, and varnishes. Boston Varnish Company. 241,765, renewed May 8, 1948. O. G. Oct. 12.
Paint, Ready-mixed, paint enamel, and varnishes. Boston Varnish Company. 502,928, Oct. 12; Serial No. 536,492, published June 29, 1948.
Paint remover and paint brush cleaner, Chemical. Penetone Company. 440,994–5, Oct. 12; Serial Nos. 523,799–800, published July 6, 1948.
Paint remover compound. Industrial Chemical Development Corp. 440,980, Oct. 12; Serial No. 521,014, published July 6, 1948.
Paint thinner. Tri-State Paint & Chemical Co. 440,985, Oct. 12; Serial No. 522,448, published July 6, 1948.
Paints and paint enamel, Ready-mixed. Spencer-Adams Paint Company. 440,993, Oct. 12; Serial No. 523,550, published June 29, 1948.
Paints, Dry, paste, and ready-mixed, and varnishes. Baker Paint & Varnish Co. 243,407, renewed June 19, 1948. O. G. Oct. 12.
Paints, Fluorescent ready-mixed, lacquers, lacquer-enamels, and water colors. Switzer Brothers. 440,924, Oct. 12; Serial No. 503,479, published July 6, 1948.
Paints in paste or semi-paste form. Seidlitz Paint & Varnish Co. 502,927, Oct. 12; Serial No. 536,156, published July 6, 1948.
Paints, Porch and deck. R. N. Nason & Co. 502,814, Oct. 12; Serial No. 527,075, published June 29, 1948.
Paints, varnishes, lacquers, etc. R. N. Nason & Co. 441,001, Oct. 12; Serial No. 525,493, published July 6, 1948.
Polishes and wax. Morton Manufacturing Corporation. 502,783, Oct. 12; Serial No. 506,186, published June 29, 1948.
Polishes and waxes, Furniture and floor. H. G. Strauss. 440,957, Oct. 12; Serial No. 513,474, published July 6, 1948.
Primers and surfacers, etc. R. N. Nason & Co. 502,813, Oct. 12; Serial No. 527,071, published June 29, 1948.
Resinous materials or solutions, Synthetic. Resinous Products & Chemical Company. 440,940, Oct. 12; Serial No. 507,853, published July 13, 1948.
Sealer, Wood penetrating floor. Phelan-Faust Paint Mfg. Co. 502,910, Oct. 12; Serial No. 533,367, published July 6, 1948.
Varnish. Chicago Mica Company. 277,192, Nov. 11, 1930. Republished Oct. 12.
Varnish. Davis Paint Co. 440,983, Oct. 12; Serial No. 521,563, published July 6, 1948.
Varnish. Patek Brothers, Inc. 502,888, Oct. 12; Serial No. 531,830, published June 29, 1948.
Wax and furniture polish, Floor. Household Paper Products Co. 440,930, Oct. 12; Serial No. 504,768, published July 6, 1948.

CLASS 17

Cigarettes. Brothers Tobacco Corporation. 440,963, Oct. 12; Serial No. 515,603, published July 20, 1948.
Cigarettes. R. L. Swain Tobacco Company, Inc. 440,960, Oct. 12; Serial No. 514,445, published July 20, 1948.
Cigars. Bayuk Cigars Incorporated. 251,776, renewed Jan. 15, 1949. O. G. Oct. 12.
Cigars. Consolidated Cigar Corporation. 502,797, Oct. 12; Serial No. 519,569, published July 20, 1948.
Cigars, cheroots, cigarettes, etc. D. Emil Klein Co., Inc. 502,851, Oct. 12; Serial No. 529,778, published July 13, 1948.
Tobacco and tobacco products. Larus & Brother Company, Inc. 502,938, Oct. 12; Serial No. 539,179, published July 13, 1948.

CLASS 19

Airplanes and structural parts thereof. Consolidated Vultee Aircraft Corporation. 502,951, Oct. 12; Serial No. 505,335.
Automobile body replacement panels and patches. Schofield Manufacturing Co. 502,974, Oct. 12; Serial No. 537,083.
Repair sets for reconditioning or repairing shock absorbers of automotive vehicles. Micro-Linor Service Corporation. 502,954, Oct. 12; Serial No. 507,831.
Trailers, Platform, stake body trailers, livestock trailers, etc. Dorsey Trailers. 502,965, Oct. 12; Serial No. 530,179.

CLASS 21

Door opening mechanism, Combination mechanically and electrically operated. Vendo Company. 433,122, Sept. 23, 1947. Republished Oct. 12.
Elevator parts. Shepard Elevator Company. 430,166, June 10, 1947. Republished Oct. 12.
Lanterns, Electric, electric flash lights, electric searchlights, etc. Yale Electric Corporation. 250,832, renewed Dec. 18, 1948. O. G. Oct. 12.
Plates, Metal. Oakite Products, Inc. 423,464, Sept. 3, 1946. Republished Oct. 12.
Radio receiver-electric alarm clock combinations. Telechron Inc. 502,875, Oct. 12; Serial No. 531,256, published June 8, 1948.
Radio receiving sets and parts thereof. Arkwright, Incorporated. 427,414, Feb. 11, 1947. Republished Oct. 12.
Suction cleaners and parts thereof, etc., Electrically operated. P. A. Grier Company. 405,109, Jan. 11, 1944. Republished Oct. 12.
Switch plate, Electrically lighted wall. Associated Projects Co. 413,460, Apr. 24, 1945. Republished Oct. 12.
Voltage regulators, head light relays, horn relays, etc. Electra Manufacturing Company. 433,114, Sept. 23, 1947. Republished Oct. 12.

CLASS 22

Bowling balls. Brunswick-Balke-Collender Company. 132,902, July 6, 1920. Republished Oct. 12.
Dice, dice shakers, dominoes, poker chips, etc. G. E. Koppe. 249,951, renewed Nov. 17, 1948. O. G. Oct. 12.
Fishing rods. Montague Rod and Reel Company. 247,925–30, renewed Oct. 9, 1948. O. G. Oct. 12.
Fishing rods. Montague Rod and Reel Company. 248,465, renewed Oct. 23, 1948. O. G. Oct. 12.
Sleds, Coasting. S. L. Allen & Co., Inc. 252,134, renewed Jan. 22, 1949. O. G. Oct. 12.
Toys operated by water and/or electricity. Hydro-Toys Mfg. Co. 502,962, Oct. 12; Serial No. 529,464.

CLASS 23

Air cylinders for mechanical power operation. Bellows Company. 502,779, Oct. 12; Serial No. 495,443, published June 29, 1948.
Aligning machines and parts therefor, Automobile frame and axle straightening and wheel. Builders Ornamental Iron Company. 502,796, Oct. 12; Serial No. 517,236, published June 29, 1948.
Aligning machines and parts therefor, Automobile frame and axle straightening and wheel. Builders Ornamental Iron Company. 502,800, Oct. 12; Serial No. 522,265, published June 29, 1948.
Automatic regulators. Le Roi Company. 396,112, June 30, 1942. Republished Oct. 12.
Automobile accessories. R. W. Kerr Co. 502,786, Oct. 12; Serial No. 508,292, published July 13, 1948.
Automotive and industrial lubricating equipment. Aro Equipment Corporation. 428,167, Mar. 11, 1947. Republished Oct. 12.
Bakery machinery. W. K. Booth. 440,988, Oct. 12; Serial No. 522,956, published June 29, 1948.
Ball bearings, roller bearings, parts thereof and mounting accessories thereto. S K F Industries, Inc. 502,840, Oct. 12; Serial No. 529,102, published July 13, 1948.
Ball bearings, roller bearings, parts thereof and mounting accessories thereto, etc. S K F Industries, Inc. 502,839, Oct. 12; Serial No. 529,098, published July 13, 1948.
Bearings and bearing seals, Anti-friction. Stephens-Adamson Mfg. Co. 380,006, Aug. 6, 1940. Republished Oct. 12.
C-clamps. Cincinnati Tool Company. 502,867, Oct. 12; Serial No. 530,720, published July 13, 1948.
Carbonating apparatus, Electrically controlled. Bastian-Blessing Company. 440,925, Oct. 12; Serial No. 503,968, published July 13, 1948.
Clamps. Cincinnati Tool Company. 294,181, May 24, 1932. Republished Oct. 12.
Cotton gins and distributors, lint flues, etc. Continental Gin Co. 147,287, Oct. 11, 1921. Republished Oct. 12.
Cotton gins, cottonseed linters, feeders and condensers for gins, etc. Continental Gin Company. 224,283–4, Feb. 22, 1927. Republished Oct. 12.
Cranes, Power, power shovels and power dragline machines. Thew Shovel Company. 502,843, Oct. 12; Serial No. 529,213, published June 29, 1948.
Cutting machines and parts thereof, Gear. Farrel Foundry & Machine Company. 179,317, Feb. 5, 1924. Republished Oct. 12.
Die holders. M. E. Cunningham Company. 426,836, Jan. 14, 1947. Republished Oct. 12.
Dough mixers, Horizontal, flour sifters, flour elevators, etc. Triumph Manufacturing Co. 502,832, Oct. 12; Serial No. 528,749, published July 6, 1948.
Drilling units and pumping units, Oil field. Climax Engineering Company. 405,591, Feb. 8, 1944. Republished Oct. 12.
Engines and road working machines, Gasolene and traction. Holt Manufacturing Company. 85,816, Mar. 19, 1912. Republished Oct. 12.
Engraving machines, Variously motivated power driven, profile grinding and cutting machines, etc. 502,780, Oct. 12; Serial No. 499,024, published June 29, 1948.
Feed for a drill press, Power. Bellows Company. 502,773, Oct. 12; Serial No. 481,880, published June 29, 1948.
Feeds for machine tools, Pneumatic. Bellows Company. 502,774, Oct. 12; Serial No. 488,732, published June 29, 1948.
Filters in the nature of accessories for internal combustion engines. Fram Corporation. 440,905, Oct. 12; Serial No. 441,200, published June 29, 1948.
Fire extinguishing apparatus, Portable hand. International Fire Equipment Corporation. 251,403, renewed Jan. 8, 1949. O. G. Oct. 12.
Gear manufacturing equipment. National Broach & Machine Co. 356,074, Apr. 12, 1938. Republished Oct. 12.
Grain cleaning, scalping, and separating machinery, graders, and stackers. Superior Separator Company. 502,817, Oct. 12; Serial No. 527,365, published July 13, 1948.
Hand-clamps. Cincinnati Tool Co. 140,773, Mar. 29, 1921. Republished Oct. 12.
Harvesting machine. V. Lemanski. 440,968, Oct. 12; Serial No. 518,232, published June 29, 1948.

Ice crushers. Rival Manufacturing Company. 422,185, July 9, 1946. Republished Oct. 12.
Implements, Farm. Southern Iron & Equipment Company. 502,944, Oct. 12; Serial No. 554,849, published July 13, 1948.
Internal-combustion engines. Climax Engineering Company. 283,120, May 19, 1931. Republished Oct. 12.
Internal combustion engines. Climax Engineering Company. 283,205, May 19, 1931. Republished Oct. 12.
Internal combustion engines, air or gas compressors, and parts thereof. Le Roi Company. 410,502, Nov. 28, 1944. Republished Oct. 12.
Internal combustion engines, air or gas compressors, and parts thereof. Le Roi Company. 412,785, Mar. 27, 1945. Republished Oct. 12.
Jacks, Hand operated auto, and auto spark plug wrenches. S. & J. Machine Corp. 440,936, Oct. 12; Serial No. 507,433, published June 29, 1948.
Knives for woodworking machines. Yates-American Machine Company. 252,457, Feb. 5, 1929. Republished Oct. 12.
Knives, Pocket, hunting knives, bread knives, etc. Camillus Cutlery Company. 502,844, Oct. 12; Serial No. 529,229, published June 29, 1948.
Loaders or lift trucks, Utility. West Coast Machinery, Inc. 440,987, Oct. 12; Serial No. 522,581, published June 29, 1948.
Machines for mixing concrete, mortar, and similar aggregates. Bridwell Boiler Works. 440,950, Oct. 12; Serial No. 511,670, published July 13, 1948.
Mechanical apparatus including a valve. Galland-Henning Mfg. Co. 440,937, Oct. 12; Serial No. 507,525, published June 29, 1948.
Mechanic's equipment, Garage. Associated Producers, Inc. 440,959, Oct. 12; Serial No. 513,791, published June 17, 1947.
Metal casting and metal foundry equipment. Diamond Clamp & Flask Company. 440,967, Oct. 12; Serial No. 517,890, published July 13, 1948.
Metal working machinery. Consolidated Machine Tool Corporation. 502,819, Oct. 12; Serial No. 527,449, published July 6, 1948.
Molding machines, vibrators, and valves therefor. Spo, Incorporated. 440,946, Oct. 12; Serial No. 509,963, published June 29, 1948.
Motors, Outboard. Champion Motors Company. 502,834, Oct. 12; Serial No. 528,768, published June 29, 1948.
Oil engines. Continental Gin Company. 198,624, May 19, 1925. Republished Oct. 12.
Openers, Can. Regina Corporation. 502,835, Oct. 12; Serial No. 528,819, published July 6, 1948.
Openers, Can. Rival Manufacturing Company. 419,922, Mar. 12, 1946. Republished Oct. 12.
Press metal machinery, comprising mechanical and hydraulic punch presses; press brakes, etc. Verson All-steel Press Company. 502,845, Oct. 12; Serial No. 529,323, published June 29, 1948.
Presses, Hydraulic rubber, hose-making machines, rubber calenders, etc. Farrel-Birmingham Company, Incorporated. 422,642, Aug. 6, 1946. Republished Oct. 12.
Presses, Offset printing. Electric Boat Company. 440,999, Oct. 12; Serial No. 524,121, published July 13, 1948.
Presses, Punch, press brakes, and like metal working presses and parts therefor. Warren City Manufacturing Company. 440,943, Oct. 12; Serial No. 508,827, published July 6, 1948.
Pumps and parts thereof. Tungstone Products Limited. 440,921, Oct. 12; Serial No. 502,037, published June 29, 1948.
Regulators, Automobile engine oil. C. F. Johnston. 440,913, Oct. 12; Serial No. 496,912, published July 13, 1948.
Saws, Napier Saw Works, Inc. 243,803, renewed June 26, 1948. O. G. Oct. 12.
Scrapers, Organic plastic. Magic Finger, Inc. 440,972, Oct. 12; Serial No. 518,960, published July 6, 1948.
Soldering irons, Electric. A. L. Johnson. 386,556, Apr. 15, 1941. Republished Oct. 12.
Tableware, cleaning and salvaging machines. Salvajor Company. 415,198, July 31, 1945. Republished Oct. 12.
Tong springs, tong dies and tong pins. Web Wilson Oil Tools Inc. 502,785, Oct. 12; Serial No. 506,563, published July 13, 1948.
Tools, Hand. F. B. Lewandowski. 440,982, Oct. 12; Serial No. 521,266, published July 6, 1948.
Tools, Kitchen. Everedy Company. 440,979, Oct. 12; Serial No. 521,007, published July 6, 1948.
Tractors, plows, cultivators, etc. Le Roi Company. 398,387, Oct. 27, 1942. Republished Oct. 12.
Water pumps. Jabsco Pump Company. 422,191, July 9, 1946. Republished Oct. 12.
Well drillers. E. S. Russell. 502,831, Oct. 12; Serial No. 528,646, published June 29, 1948.
Winches designed to be powered by an internal combustion engine and accessories therefor. A. W. Evans. 440,952, Oct. 12; Serial No. 512,829, published July 6, 1948.
Woodworking machines. Yates-American Machine Company. 223,872, Feb. 15, 1927. Republished Oct. 12.
Wrenches, Socket, socket wrench sets, socket wrench kits, etc. Duro Metal Products Co. 440,953, Oct. 12; Serial No. 512,899, published June 29, 1948.

CLASS 24

Clothespins. Vermont Plastics, Inc. 502,935, Oct. 12; Serial No. 537,520, published July 6, 1948.

CLASS 26

Apparatus for measuring and indicating the concentration of cleaning solutions, Electrically operated. Oakite Products, Inc. 423,226, Aug. 27, 1946. Republished Oct. 12.
Apparatus for measuring and indicating the concentration of cleaning solutions, Electrically operated. Oakite Products, Inc. 423,466, Sept. 3, 1946. Republished Oct. 12.
Draft gauges, portable gauge analyzers, and thermometers. Bacharach Industrial Instrument Company. 375,717, Feb. 27, 1940. Republished Oct. 12.
Ganges and machines for sound testing gears. National Broach & Machine Co. 356,472, Apr. 26, 1938. Republished Oct. 12.
Level indicators, Liquid. F. P. Scully. 338,437, Sept. 8, 1936. Republished Oct. 12.
Level indicators, Liquid. Scully Signal Company. 388,439, June 24, 1941. Republished Oct. 12.
Meter valves, Gas. Morganite, Incorporated. 502,959, Oct. 12; Serial No. 520,517.
Meters, Fluid. Neptune Meter Company. 31,905, renewed Aug. 23, 1948. O. G. Oct. 12.
Pressure indicators, Engine. Bacharach Industrial Instrument Company. 364,852, Feb. 14, 1939. Republished Oct. 12.

CLASS 27

Watches. E. M. Rosenthal Jewelry Co. 347,721, July 6, 1937. Republished Oct. 12.
Watches and watch cases. Bulova Watch Company, Inc. 233,491, renewed Jan. 5, 1948. O. G. Oct. 12.

CLASS 28

Bracelets, Watch. Gemex Company. 250,818, renewed Dec. 18, 1948. O. G. Oct. 12.
Bracelets, Watch. Gemex Company. 250,821, renewed Dec. 18, 1948. O. G. Oct. 12.
Bracelets, Watch. Gemex Company. 250,824–5, renewed Dec. 18, 1948. O. G. Oct. 12.
Clasp-pins, finger rings, etc., Ornamental. S. M. Einstein. 148,005, Nov. 8, 1921. Amended. O. G. Oct. 12.
Jewelry, Children's. Speidel Corporation. 431,500, June 22, 1947. Republished Oct. 12.
Jewelry, Costume. Schein Brothers, Inc. 384,101, Jan. 7, 1941. Republished Oct. 12.
Rings, Finger. E. M. Rosenthal Jewelry Company. 264,495, Nov. 26, 1929. Republished Oct. 12.

CLASS 29

Brushes, Artists'. American Artists' Color Works, Inc. 502,964, Oct. 12; Serial No. 530,050.

CLASS 31

Refrigerators, Electrically operated. Brunswick-Balke-Collender Company. 432,690, Sept. 9, 1947. Republished Oct. 12.
Straining and filtering apparatus and parts thereof, Mechanical fluid. Cuno Engineering Corporation. 502,950, Oct. 12; Serial No. 492,687.

CLASS 32

Stands, Sewing-machine, typewriter, adding machine, and similar. C. Sintz. 253,527, Feb. 26, 1929. Republished Oct. 12.

CLASS 34

Boilers and furnaces, Oil burning heating. Heil Co. 321,714, Feb. 12, 1935. Republished Oct. 12.
Burners, Lamp. Wheeling Stamping Company. 69,838, re-renewed July 7, 1948. O. G. Oct. 12.
Cook stoves employing gas or electricity as heating media, and sterilizing cabinets. 424,636, Oct. 15, 1946. Republished Oct. 12.

CLASS 35

Belting, Transmission. Slip-Not Belting Corporation. 502,963, Oct. 12; Serial No. 529,718.
Packing and jointing materials. Turner Bros. Ltd. 75,735, Nov. 9, 1909. Republished Oct. 12.
Packing and packing material. Garlock Packing Company. 184,261, May 20, 1924. Republished Oct. 12.
Packing and packing material. Garlock Packing Company. 265,849, Jan. 7, 1930. Republished Oct. 12.
Packing, Rubber composition rod and joint. Garlock Packing Company. 48,356, Dec. 26, 1905. Republished Oct. 12.
Packings, cups, washers, etc., Leather. Garlock Packing Company. 356,210, Apr. 19, 1938. Republished Oct. 12.
Packings, cups, washers, etc., Leather. Garlock Packing Company. 356,556, May 3, 1938. Republished Oct. 12.
Tires. Goodyear Tire & Rubber Company. 502,969, Oct. 12; Serial No. 532,587.
Tires. Goodyear Tire & Rubber Company. 502,976, Oct. 12; Serial No. 544,076.

CLASS 36

Accordions. T. Spranzo. 502,836–7, Oct. 12; Serial Nos. 528,889–90, published July 13, 1948.
Cymbals. Avedis Zildjian Co. 297,750, Sept. 27, 1932. Republished Oct. 12.
Cymbals. Avedis Zildjian Co. 373,674, Dec. 19, 1939. Republished Oct. 12.
Phonograph records and albums, Grooved. Audience Records, Inc. 502,952, Oct. 12; Serial No. 506,912.
Phonograph records, Mechanically grooved. Lord & Roberts Recordings. 441,006, Oct. 12; Serial No. 525,889, published July 13, 1948.

CLASS 37

Erasers, Rubber. A. W. Faber. 96,404, Apr. 21, 1914. Republished Oct. 12.
Notes, drafts, receipts, and checks, etc., Books of. Associated Stationers Supply Company. 300,085, Jan. 3, 1933. Republished Oct. 12.
Paper bibs, Children's. F. Southard. 502,958, Oct. 12; Serial No. 515,911.
Paperboard, fiberboard, and boxboard. Consolidated Paper Company. 440,944, Oct. 12; Serial No. 509,076, published June 15, 1948.
Paper, Transparent and paraffine. Newark Paraffine & Parchment Paper Co. 269,088, Apr. 22, 1930. Republished Oct. 12.
Pencils, Lead. Eagle Pencil Company. 69,625, re-renewed June 23, 1948. O. G. Oct. 12.
Pencils, Lead, pencil holders, colored pencils, etc. Count A. V. Faber-Castell. 227,006, Apr. 26, 1927. Republished Oct. 12.
Pens, Fountain. Conklin Pen Company, Inc. 502,805, Oct. 12; Serial No. 523,568, published June 15, 1948.
Record books, Loose-leaf. Visible Records Equipment Company. 198,461, May 19, 1925. Republished Oct. 12.
Stencil films, Silk screen. Ace Clearprint Products, Inc. 440,962, Oct. 12; Serial No. 515,595, published Sept. 30, 1947.
Supporting, reinforcing, and holding devices, Collar. J. W. Steele & Company. 356,827, May 10, 1938. Republished Oct. 12.
Tickets, Marking. A. Kimball Company. 203,644, Sept. 22, 1925. Republished Oct. 12.
Tickets, tags, and labels, Pin. A. Kimball Company. 44,816, July 25, 1905. Republished Oct. 12.
Tickets, tags, and labels, Pin. A. Kimball Company. 45,277, Aug. 8, 1905. Republished Oct. 12.
Writing strips interleaved with carbon strips and writing sheets with interleaved carbon sheets, Continuous. Autographic Register Company. 502,891, Oct. 12; Serial No. 532,100, published June 15, 1948.
Writing strips interleaved with carbon strips, Continuous. Autographic Register Company. 502,892, Oct. 12; Serial No. 532,101, published June 15, 1948.
Writing strips interleaved with carbon strips, Continuous. Autographic Register Company. 502,893, Oct. 12; Serial No. 532,106, published June 15, 1948.

CLASS 38

Magazine, Monthly. French-Stamats, Inc. 311,748, Apr. 3, 1934. Republished Oct. 12.
Magazine, Monthly. Undertakers Supply Company. 237,837, Jan. 17, 1928. Republished Oct. 12.
Periodical publication, Section of a. Chain Store Publishing Corporation. 242,678, May 29, 1928. Republished Oct. 12.
Periodical, Weekly. O. G. Davies. 241,510, renewed May 1, 1948. O. G. Oct. 12.
Periodicals. Reader's Digest Association, Inc. 261,305, Sept. 17, 1929. Republished Oct. 12.
Periodicals, Monthly. Bassick Manufacturing Company. 251,172, renewed Jan. 1, 1949. O. G. Oct. 12.
Publication, Column published in a monthly. Tremco Manufacturing Company. 375,036, Feb. 6, 1940. Republished Oct. 12.
Publication, Periodical. Malden Form Brassiere Company, Inc. 366,708, Apr. 25, 1939. Republished Oct. 12.
Publications, Monthly. Bronson & Townsend Co. 186,886, July 22, 1924. Republished Oct. 12.
Weekly magazine. Time, Incorporated. 246,868, renewed Sept. 18, 1948. O. G. Oct. 12.

CLASS 39

Apparel, Children's outer wearing. Tri-Parel Corporation. 440,939, Oct. 12; Serial No. 507,603, published June 22, 1948.
Apparel, Infants', children's, boys', girls', misses' and women's. Hi-Line Co., Inc. 425,821, Dec. 3, 1946. Republished Oct. 12.
Athletic underwear, undershirts and shorts, Men's, women's and children's. Wright's Underwear Corporation. 502,881, Oct. 12; Serial No. 531,565, published July 13, 1948.
Bath robes, pajamas, and house coats. R. Needle. 441,011, Oct. 12; Serial No. 517,098.
Belts, Trouser supporting, and apparel belt-and-buckle combinations. Pioneer Suspender Company. 502,777, Oct. 12; Serial No. 491,282, published July 13, 1948.
Blouses, shirts and sport polo shirts, Boys' and girls'. M. Goldfarb. 440,948, Oct. 12; Serial No. 511,083, published Dec. 2, 1947.
Boots and shoes. Selby Shoe Company. 249,568, Nov. 20, 1928. Republished Oct. 12.
Boots, shoes, slippers and moccasins. G. H. Bass & Co. 338,753, Sept. 15, 1936. Republished Oct. 12.
Boots, shoes, slippers and moccasins. G. H. Bass & Co. 348,223, July 20, 1937. Republished Oct. 12.
Boots, shoes, slippers, etc. G. H. Bass & Co. 297,595, Sept. 20, 1932. Republished Oct. 12.
Brassières. E. Leithold. 502,929, Oct. 12; Serial No. 536,591, published July 13, 1948.
Brassières. Muzzy Inc. 440,978, Oct. 12; Serial No. 520,822, published June 15, 1948.
Brassières and panties, slips and underwear. C. R. Black. 502,973, Oct. 12; Serial No. 530,992.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 320,680, Jan. 1, 1935. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 330,136, Nov. 19, 1935. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 334,057, Apr. 21, 1936. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 334,144, Apr. 21, 1936. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 344,053, Mar. 9, 1937. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 353,759, Jan. 18, 1938. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 355,424, Mar. 15, 1938. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 365,453, Mar. 7, 1939. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 371,257, Sept. 19, 1939. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 377,699, May 14, 1940. Republished Oct. 12.
Brassières, bandeaux, corsets, etc. Malden Form Brassiere Company, Inc. 380,575, Aug. 27, 1940. Republished Oct. 12.
Clothes, Men's. Fenton Hall Clothes, Inc. 502,865, Oct. 12; Serial No. 530,636, published June 29, 1948.
Clothing, Protective. American Optical Company. 441,000, Oct. 12; Serial No. 524,438, published June 15, 1948.
Coats, Fur, fur capes, fur jackets, etc. Max Koch & Son, Inc. 440,915, Oct. 12; Serial No. 499,418, published June 22, 1948.
Coats, mackinaws; dress, negligee, and work shirts, etc. Carter & Churchill Company. 338,502, Sept. 8, 1936. Republished Oct. 12.
Coats, mackinaws; dress, negligee, and work shirts, etc. Carter & Churchill Company. 338,504, Sept. 8, 1936. Republished Oct. 12.
Coats, suits, and dresses, Women's and misses'. National Modes, Inc. 211,672, Apr. 13, 1926. Republished Oct. 12.
Coats, Women's and misses' ready-to-wear. Rapaport Coat Corporation. 502,916, Oct. 12; Serial No. 533,775, published July 6, 1948.
Corsets, brassières, and foundation garments. Leading Foundations Co., Inc. 440,908, Oct. 12; Serial No. 490,026, published June 29, 1948.
Corsettes. H & W Company. 440,976, Oct. 12; Serial No. 520,216, published June 15, 1948.
Corsettes. H & W Company. 440,981, Oct. 12; Serial No. 521,260, published June 15, 1948.
Dresses, blouses, skirts, etc., Children's, girls', and misses'. F. Safian. 440,933, Oct. 12; Serial No. 506,266, published June 29, 1948.
Dresses, coats, jackets, etc., Ladies'. Asta Models Limited. 440,932, Oct. 12; Serial No. 505,472, published June 15, 1948.
Dresses, coats, jackets, etc., Women's and misses'. Star-Maid Dresses, Inc. 502,866, Oct. 12; Serial No. 530,698, published July 6, 1948.
Dresses, Ladies'. Warshauer & Franck, Inc. 502,854, Oct. 12; Serial No. 530,270, published June 15, 1948.
Dresses, Ladies'. Warshauer & Franck, Inc. 502,856, Oct. 12; Serial No. 530,272, published June 15, 1948.
Dresses, Ladies' and junior misses' street, evening, house and sport, etc. Kay Ferer, Inc. 502,930–1, Oct. 12; Serial Nos. 536,596–7, published June 22, 1948.
Dresses, Women's and misses'. Constantine Dress Company. 502,868, Oct. 12; Serial No. 530,721, published June 15, 1948.
Dresses, Women's and misses'. Warshauer & Franck, Inc. 502,855, Oct. 12; Serial No. 530,271, published June 15, 1948.
Dresses, Women's and misses'. Warshauer & Franck, Inc. 502,857, Oct. 12; Serial No. 530,273, published June 15, 1948.

Dresses, Women's, junior misses', and misses'. Lee Marcy Manufacturing Company. 502,898, Oct. 12; Serial No. 532,314, published June 22, 1948.
Gloves, Fabric. Wimelbacher & Rice Inc. 502,939, Oct. 12; Serial No. 539,372, published June 15, 1948.
Gloves, Household rubber. Faultless Rubber Company. 439,783, July 20, 1948. Corrected. O. G. Oct. 12.
Gloves of combined leather and fabric, Work. Wells-Lamont-Smith Corporation. 394,723, Apr. 28, 1942. Republished Oct. 12.
Gloves, Women's rubberized. Wells-Lamont-Smith Corporation. 391,803, Nov. 25, 1941. Republished Oct. 12.
Gloves, Work. Wells-Lamont-Smith Corporation. 396,332, July 7, 1942. Republished Oct. 12.
Hair nets. Thomas Holmes Mfg. Co. 502,905, Oct. 12; Serial No. 532,887, published June 29, 1948.
Hair nets. A. Klar. 502,827–9, Oct. 12; Serial Nos. 528,490–2, published July 6, 1948.
Hats and caps for men and boys, ear muffs, and gloves, etc. Portis Style Industries, Inc. 502,778, Oct. 12; Serial No. 494,232, published June 29, 1948.
Hats and hat bodies, Men's, women's and children's. Merrimac Hat Corporation. 440,941, Oct. 12; Serial No. 507,990, published June 29, 1948.
Hats and hat bodies, Men's, women's and children's. Merrimac Hat Corporation. 440,942, Oct. 12; Serial No. 508,738, published June 22, 1948.
Hats, coats, suits, etc., Women's. Jacqmar Limited. 440,964, Oct. 12; Serial No. 516,134, published June 29, 1948.
Hats, Men's. Hecht Co. 440,991, Oct. 12; Serial No. 523,467, published June 22, 1948.
Hats, Men's fur felt. MacLachlan Hats Limited, Inc. 502,874, Oct. 12; Serial No. 531,229, published July 6, 1948.
Headwear, Male. H. H. Greene. 502,808, Oct. 12; Serial No. 526,506, published June 22, 1948.
Hosiery. J. Friedland. 502,919, Oct. 12; Serial No. 534,427, published July 6, 1948.
Hosiery. Hudson Hosiery Company. 502,810, Oct. 12; Serial No. 526,710, published June 29, 1948.
Hosiery. Hudson Hosiery Company. 502,811, Oct. 12; Serial No. 526,720, published June 15, 1948.
Hosiery. R. H. Macy & Co. 70,185, re-renewed Aug. 11, 1948. O. G. Oct. 12.
Hosiery. May-McEwen-Kaiser Company. 502,918, Oct. 12; Serial No. 534,302, published July 6, 1948.
Hosiery. National Silk Hosiery Mills, Inc. 371,855, Oct. 10, 1939. Republished Oct. 12.
Hosiery. Schuylkill Valley Mills, Inc. 502,838, Oct. 12; Serial No. 528,956, published June 29, 1948.
Hosiery. United Hosiery Mills Corporation. 502,922, Oct. 12; Serial No. 534,842, published July 6, 1948.
Hosiery. A. V. Victorius & Company. 115,703, Feb. 27, 1917. Republished Oct. 12.
Hosiery. A. V. Victorius & Company. 142,163, May 3, 1921. Republished Oct. 12.
Hosiery. Wayne Knitting Mills. 502,876, Oct. 12; Serial No. 531,265, published July 6, 1948.
Hosiery, dresses, coats, etc. Red Robin Stores, Inc. 502,917, Oct. 12; Serial No. 534,052, published June 22, 1948.
Hosiery, fur coats, underwear, etc. National Modes, Inc. 343,819, Mar. 9, 1937. Republished Oct. 12.
Hosiery, Men's, women's and children's. Iselin-Jefferson Company, Inc. 502,915, Oct. 12; Serial No. 533,582, published July 6, 1948.
Hosiery, Nylon. A. Miller. 440,989, Oct. 12; Serial No. 523,213, published June 29, 1948.
Hosiery, underwear, sweaters, Men's, boys', women's and children's, etc. S. Fink. 502,884, Oct. 12; Serial No. 531,621, published Feb. 24, 1948.
Hosiery, Women's. McCrary Hosiery Mills, Inc. 502,862, Oct. 12; Serial No. 530,537, published June 22, 1948.
Housecoats. J. Drittel. 502,937, Oct. 12; Serial No. 538,732, published July 6, 1948.
Jackets and juvenile and boys' pile-lined coats, Leather. Dovington, Inc. 413,723, May 8, 1945. Republished Oct. 12.
Jackets, Leather, riding breeches, gloves, etc. Joseph Buegeleisen Co. 502,920, Oct. 12; Serial No. 534,506, published July 6, 1948.
Jackets, overalls and slacks, Infants' and children's. Country Togs, Inc. 502,924, Oct. 12; Serial No. 535,003, published June 29, 1948.
Jerseys, heavy outer shirts, vests, Men's, women's and children's, etc. Wright's Underwear Corporation. 502,880, Oct. 12; Serial No. 531,564, published July 13, 1948.
Lingerie. Phil-Maid, Inc. 502,815, Oct. 12; Serial No. 527,099, published June 29, 1948.
Lingerie, work clothes, sports wear. Kenosha Full Fashioned Mills, Inc. 502,802, Oct. 12; Serial No. 522,987, published July 6, 1948.
Neckties. Wembley, Inc. 440,977, Oct. 12; Serial No. 520,776, published June 29, 1948.
Neckties. Wembley, Inc. 502,846, Oct. 12; Serial Nos. 529,324–6, published June 29, 1948.
Neckties. Wilson Brothers. 502,896, Oct. 12; Serial No. 532,185, published June 29, 1948.
Neckties and mufflers. M. Schuman. 440,919, Oct. 12; Serial No. 501,603, published June 29, 1948.
Negligees. Meister Brothers. 440,935, Oct. 12; Serial No. 506,537, published June 29, 1948.
Overcoats, Men's and young men's. Goldsmith Clothing Company. 502,914, Oct. 12; Serial No. 533,461, published July 13, 1948.
Pajamas. B. P. Garrison. 440,907, Oct. 12; Serial No. 487,714, published July 6, 1948.
Pajamas, dress and negligee shirts, and night-shirts. Knothe Brothers Co. Inc. 502,841, Oct. 12; Serial No. 529,175, published June 1, 1948.
Pajamas, shorts, robes, etc., Men's, women's, and children's. Knothe Brothers Co. Inc. 502,852, Oct. 12; Serial No. 530,007, published June 1, 1948.
Robes, ladies' and children's dresses and coats. Celanese Corporation of America. 252,269, renewed Jan. 29, 1949. O. G. Oct. 12.
Robes, negligees, lounging pajamas, etc. "Linda" Company. 502,861, Oct. 12; Serial No. 530,532, published Mar. 23, 1948.
Shirts for men and women, slack suits, pajamas, etc. Hollywood Rogue Sportswear, Inc. 371,528, Sept. 26, 1939. Republished Oct. 12.
Shirts, Men's dress, negligee, and work. Broom & Newman. 246,563, renewed Sept. 11, 1948. O. G. Oct. 12.
Shirts, Men's sport. Hollywood Rogue Sportswear, Inc. 403,600, Oct. 5, 1943. Republished Oct. 12.
Shirts, pyjamas, dressing gowns, etc. Curwen & Sons (Estab. 1856) Limited. 441,005, Oct. 12; Serial No. 525,795, published June 15, 1948.
Shoes. Consolidated Retail Stores, Inc. 502,787, Oct. 12; Serial No. 508,719, published Dec. 30, 1947.
Shoes. Craddock-Terry Shoe Corporation. 502,795, Oct. 12; Serial No. 516,673, published June 29, 1948.
Shoes. Selby Shoe Company. 241,762, May 8, 1928. Republished Oct. 12.
Shoes. Selby Shoe Company. 420,096, Mar. 26, 1946. Republished Oct. 12.
Shoes, Children's. I. Sabel, Inc. 502,899, Oct. 12; Serial No. 532,343, published June 22, 1948.
Shoes, Infants'. B. L. Veach. 440,965, Oct. 12; Serial No. 516,234, published June 29, 1948.
Shoes, Men's and women's. Morse Fields Co., Inc. 502,907, Oct. 12; Serial No. 533,155, published July 6, 1948.
Shoes, Rubber, leather, and fabric. Ground Gripper Shoe Company, Inc. 276,501, Oct. 21, 1930. Republished Oct. 12.
Shoes, Women's. Excelsior Shoes, Inc. 335,883, June 16, 1936. Republished Oct. 12.
Shoes, Women's. Schiff Company. 502,790, Oct. 12; Serial No. 510,281, published June 22, 1948.
Shoes, Women's, misses', and children's. Oppenheim, Collins & Co., Inc. 248,998, renewed Nov. 6, 1948. O. G. Oct. 12.
Shoes, Women's, misses' and children's. Selby Shoe Company. 290,498, Jan. 5, 1932. Republished Oct. 12.
Shoes, Women's, misses' and children's. Selby Shoe Company. 295,492, July 5, 1932. Republished Oct. 12.
Shoes, Women's, misses' and children's. Selby Shoe Company. 301,199, Feb. 21, 1933. Republished Oct. 12.
Snoods, Hair. Debonair Fashions. 440,934, Oct. 12; Serial No. 506,428, published Aug. 26, 1947.
Socks for infants and for children. Herbert Hosiery Mills, Inc. 246,634, renewed Sept. 11, 1948. O. G. Oct. 12.
Soles, Shoe. Chas. A. Schieren Company. 502,890, Oct. 12; Serial No. 531,851, published June 22, 1948.
Sport clothes, Women's. National Board of The Young Women's Christian Associations of the United States of America. 440,974, Oct. 12; Serial No. 519,769, published June 15, 1948.
Sports sweaters and two piece knitted dresses, Ladies' and misses' knitted. Select Sportswear, Inc. 405,516–7, Feb. 1, 1944. Republished Oct. 12.
Sportswear. Carwood Manufacturing Company. 440,916, Oct. 12; Serial No. 500,861, published July 6, 1948.
Sportswear, Women's and misses'. Select Sportswear, Inc. 351,207, Oct. 19, 1937. Republished Oct. 12.
Sportwear, Women's knitted. Caltex Sportswear, Inc. 306,400, Sept. 19, 1933. Republished Oct. 12.
Suits and overcoats, Men's and boys'. Arkwright, Incorporated. 367,393, May 16, 1939. Republished Oct. 12.
Suits, blouses, outer shirts, pajamas, etc., Boys' wash and dress. Timmy Togs Co. 419,003, Jan. 15, 1946. Republished Oct. 12.
Suits, coats, pants, etc., Men's and boys'. Haspel Brothers, Inc. 502,909, Oct. 12; Serial No. 533,163, published July 6, 1948.
Suits, coats, trousers, etc., Men's and boys'. Lorraine Manufacturing Company. 502,812, Oct. 12; Serial No. 526,948, published June 15, 1948.
Suits, dresses, skirts, etc., Misses' and ladies'. Bellmore Dress Co., Inc. 502,798, Oct. 12; Serial No. 519,620, published July 13, 1948.
Suits for women and misses, Bathing. Arkwright, Incorporated. 351,852, Nov. 9, 1937. Republished Oct. 12.
Supports, Men's abdominal. George Frost Company. 440,931, Oct. 12; Serial No. 505,194, published June 22, 1948.
Sweaters and jackets, Ladies' and misses'. Select Sportswear, Inc. 404,124, Nov. 2, 1943. Republished Oct. 12.
Sweaters and polo shirts, Ladies', misses', boys', and girls'. Carl Gutmann & Co., Inc. 502,908, Oct. 12; Serial No. 533,162, published June 15, 1948.

Sweaters, cardigans, and pullovers, Men's, women's, and children's knitted woolen. Cashmere Corporation of America. 502,901, Oct. 12; Serial No. 532,559, published June 15, 1948.
Sweaters, Men's and/or women's. Centralia Knitting Mills. 440,973, Oct. 12; Serial No. 519,512, published July 6, 1948.
Swim suits and men's bathing trunks, Ladies' and girls'. Caltex Sportswear Co. of California, Inc. 502,961, Oct. 12; Serial No. 529,228.
Swimsuits, coats, jackets, etc. Gantner & Mattern Company. 440,954, Oct. 12; Serial No. 513,172, published July 6, 1948.
Undergarments, Women's. Yolande Corporation. 502,942, Oct. 12; Serial No. 540,134, published June 29, 1948.
Undershirts, shorts, and union suits, Men's and boys'. John David, Inc. 502,970, Oct. 12; Serial No. 534,247.
Underwear and lingerie, Women's and misses'. Vanity Fair Mills, Inc. 502,941, Oct. 12; Serial No. 539,582, published June 22, 1948.
Underwear, Infants' knitted and woven. C. E. Therkildsen. 440,970, Oct. 12; Serial No. 518,490, published July 6, 1948.
Underwear, Men's, women's, and children's. Robert C. King & Co. 409,571, Oct. 10, 1944. Republished Oct. 12.
Underwear, Men's, women's, and children's knitted. Wright's Underwear Corporation. 502,882, Oct. 12; Serial No. 531,566, published July 13, 1948.
Underwear, Men's, women's, and children's knitted. Wright's Underwear Corporation. 502,886, Oct. 12; Serial No. 531,746, published June 29, 1948.
Underwear, pajamas, sleeping garments, Men's, women's, and children's, etc. Wright's Underwear Corporation. 502,883, Oct. 12; Serial No. 531,567, published July 13, 1948.
Wearing apparel, Ladies' and misses'. Paul Sachs Originals, Inc. 502,925, Oct. 12; Serial No. 535,081, published June 22, 1948.
Workpants, Men's, women's, and boys'. Salem Company, Incorporated. 502,956, Oct. 12; Serial No. 513,269.

CLASS 40

Tapes and trimmings of fabrics, Bias-fold. William E. Wright & Sons Company. 229,766, July 5, 1927. Republished Oct. 12.

CLASS 42

Blankets and rugs. Arkwright, Incorporated. 432,511, Sept. 2, 1947. Republished Oct. 12.
Carpets and rugs. Alexander Smith & Sons Carpet Company. 388,285, July 17, 1941. Republished Oct. 12.
Carpets and wool rugs, Wool. Alexander Smith & Sons Carpet Company. 280,248, Feb. 10, 1931. Republished Oct. 12.
Carpets and wool rugs, Wool. Alexander Smith & Sons Carpet Company. 328,664, Oct. 1, 1935. Republished Oct. 12.
Coverlets of wool, cotton, or other textiles; tapestries in the nature of upholsteries for furniture, etc. Manufacture Francaise de Tapis et Convertures. 248,655, renewed Oct. 30, 1948. O. G. Oct. 12.
Fabrics, Knitted. Barbet Mills, Incorporated. 502,971, Oct. 12; Serial No. 534,867.
Piece goods, Cotton. Boott Mills. 66,322, Nov. 19, 1907. Republished Oct. 12.
Rugs, Axminster. Marshall Field & Company. 229,758, July 5, 1927. Republished Oct. 12.
Scrim in the piece and made up into curtains. Boott Mills. 271,379, June 3, 1930. Republished Oct. 12.
Serge, Uniform. Lesher, Whitman & Co., Inc. 250,498, renewed Dec. 11, 1948. O. G. Oct. 12.
Sheets, pillow cases, blankets, and bedspreads. Kirby, Block & Fischer, Inc. 277,541, Nov. 18, 1930. Republished Oct. 12.
Toweling. Boott Mills. 141,496, Apr. 26, 1921. Republished Oct. 12.

CLASS 43

Spool cotton. W. Warren Thread Works. 252,133, renewed Jan. 22, 1949. O. G. Oct. 12.
Yarns. Dixie Mercerizing Company. 149,368, Dec. 13, 1921. Republished Oct. 12.

CLASS 44

Atomizers, Perfume. Kent Creations Inc. 502,968, Oct. 12; Serial No. 532,138.
Bandages, Catamenial. Arkwright Merchandising Corporation. 304,184, June 27, 1933. Republished Oct. 12.
Diaphragms, Vaginal. I. H. Malls. 342,354, Jan. 12, 1937. Republished Oct. 12.
Diaphragms, Vaginal. Veritas Products Company, Inc. 412,052, Feb. 13, 1945. Republished Oct. 12.
Moulding masses for dental purposes. Gebrueder de Trey Aktiengesellschaft. 241,691, renewed May 8, 1948. O. G. Oct. 12.
Permanent-waving machines. Eugene, Ltd. 254,483, Mar. 26, 1929. Republished Oct. 12.

CLASS 45

Beverages, Carbonated, non-alcoholic, non-cereal, maltless. Food Fair Stores, Inc. 408,213, July 25, 1944. Republished Oct. 12.
Beverages, Non-alcoholic, maltless. R. B. Arnavat. 440,986, Oct. 12; Serial No. 522,571, published June 29, 1948.
Beverages, Non-alcoholic, maltless, carbonated. Sparkletts Drinking Water Corporation. 502,784, Oct. 12; Serial No. 506,395, published June 15, 1948.
Beverages, Non-alcoholic, non-cereal, maltless. C. L. Bridges. 502,791, Oct. 12; Serial No. 511,594, published July 13, 1948.
Ginger ale and pale dry ginger ale, Golden. Great Atlantic & Pacific Tea Company. 502,816, Oct. 12; Serial No. 527,334, published July 13, 1948.
Mineral spring water. Talawanda Springs, Inc. 366,095, Mar. 28, 1939. Republished Oct. 12.
Mineral water. National Water Co. 63,533, June 25, 1907. Republished Oct. 12.
Mineral waters. J. Ries. 61,278, May 12, 1907. Republished Oct. 12.
Root beer, root beer syrup, maltless soft drinks, etc. Richardson Corporation. 502,903, Oct. 12; Serial No. 532,756, published June 15, 1948.
Root beer, root beer syrup, maltless soft drinks, etc. Richardson Corporation. 502,904, Oct. 12; Serial No. 532,758, published June 15, 1948.
Syrups, lemon and lime flavored syrups, imitation vanilla flavor syrup, etc., Chocolate flavored. Mylo Foods Company. 403,421, Sept. 21, 1943. Republished Oct. 12.
Syrups, Nonalcoholic, maltless, concentrated. H. Baron & Co. Inc. 502,887, Oct. 12; Serial No. 531,762, published June 15, 1948.
Table water, Still and effervescent. Jacob Ries Bottling Works, Inc. 129,172, Jan. 27, 1920. Republished Oct. 12.

CLASS 46

Apples, Fresh, Lake Chelan Fruit Growers. 207,338, Dec. 29, 1925. Republished Oct. 12.
Bacon. Bath Packing Company. 244,591, renewed July 24, 1948. O. G. Oct. 12.
Bakery products. Holland-American Wafer Company. 152,825, Mar. 7, 1922. Republished Oct. 12.
Baking powder. H. C. Brill Company, Inc. 252,067, renewed Jan. 22, 1949. O. G. Oct. 12.
Baking powder. Central Ohio Supply Co. 440,969, Oct. 12; Serial No. 518,346, published June 8, 1948.
Baking powder. Great Atlantic and Pacific Tea Company. 502,921, Oct. 12; Serial No. 534,774, published July 6, 1948.
Butter, oleomargarine, eggs, etc. Greene-Babcock Co. 248,203, renewed Oct. 16, 1948. O. G. Oct. 12.
Candy. Goelitz Confectionery Company. 392,506, Dec. 30, 1941. Republished Oct. 12.
Candy. Hodges Candy Company, Inc. 502,781, Oct. 12; Serial No. 500,659, published July 13, 1948.
Candy. Robert A. Johnston Company. 199,623, June 16, 1925. Republished Oct. 12.
Candy. Robert A. Johnston Company. 221,925, Dec. 14, 1926. Republished Oct. 12.
Candy. Robert A. Johnston Company. 416,704, Sept. 25, 1945. Republished Oct. 12.
Candy. Mars, Incorporated. 502,792, Oct. 12; Serial No. 512,070, published July 13, 1948.
Candy, crystallized ginger, preserved ginger, etc. R. U. Delapenha & Co. Inc. 225,701, Mar. 22, 1927. Republished Oct. 12.
Canned apples. Orrtanna Canning Company. 502,801, Oct. 12; Serial No. 522,846, published July 13, 1948.
Canned berries. Salter Canning Company. 251,763, renewed Jan. 15, 1949. O. G. Oct. 12.
Canned citrus fruit juice and canned citrus fruit sections. McDonald & Olliff, Inc. 440,929, Oct. 12; Serial No. 504,569, published July 13, 1948.
Canned fish. International Brokerage Company. 332,363, Feb. 11, 1936. Republished Oct. 12.
Canned fish. Monitor Fisheries, Inc. 502,870, Oct. 12; Serial No. 530,756, published July 20, 1948.
Canned fruits and vegetables. H. P. Taylor, Jr. 220,782, Nov. 16, 1926. Republished Oct. 12.
Canned fruits and vegetables. H. P. Taylor, Jr. 220,940, Nov. 16, 1926. Republished Oct. 12.
Canned fruits, canned vegetables, canned berries, egg noodles, buckwheat flour, etc. Brownell & Field Co. 249,393, renewed Nov. 13, 1948. O. G. Oct. 12.
Canned lima beans. Taylor & Caldwell, Inc. 280,187, Feb. 10, 1931. Republished Oct. 12.
Canned mushrooms and canned oriental foods. Lennys Foods, Inc. 440,945, Oct. 12; Serial No. 509,353, published July 20, 1948.
Canned olives. C. M. Gifford & Sons. 502,897, Oct. 12; Serial No. 532,218, published July 20, 1948.
Canned peas. Gude & Cole Corp. 502,906, Oct. 12; Serial No. 533,018, published July 6, 1948.
Canned salmon. Great Atlantic & Pacific Tea Company. 502,818, Oct. 12; Serial No. 527,368, published July 13, 1948.
Canned salmon. Monitor Fisheries, Inc. 502,869, Oct. 12; Serial No. 530,755, published July 20, 1948.
Canned salmon. Nakat Packing Corporation. 502,822, Oct. 12; Serial No. 527,598, published Mar. 9, 1948.
Canned spaghetti. Venice Maid Company, Inc. 316,995, Sept. 11, 1934. Republished Oct. 12.
Canned tamales. Hunter Packing Company. 363,560, Jan. 3, 1939. Republished Oct. 12.
Canned vegetables. Big Horn Canning Company. 502,873, Oct. 12; Serial No. 531,192, published July 13, 1948.
Canned vegetables. Strasbaugh, Silver & Co. 69,713, re-renewed June 30, 1948. O. G. Oct. 12.

Canned vegetables. Taylor & Caldwell. 252,789, Feb. 12, 1929. Republished Oct. 12.
Canned vegetables. Taylor & Caldwell. 254,114, Mar. 12, 1929. Republished Oct. 12.
Canned vegetables. Taylor & Caldwell. 257,743, June 18, 1929. Republished Oct. 12.
Canned vegetables. Taylor & Caldwell. 269,865, Apr. 22, 1930. Republished Oct. 12.
Canned vegetables. Winorr Canning Company. 138,745, Jan. 4, 1921. Republished Oct. 12.
Canned vegetables. Winorr Canning Company. 175,435, Nov. 6, 1923. Republished Oct. 12.
Canned vegetables. Winorr Canning Company. 233,826, Oct. 11, 1927. Republished Oct. 12.
Canned vegetables and canned berries. Winorr Canning Company. 193,049, Dec. 16, 1924. Republished Oct. 12.
Canned vegetables and canned sweet potato dessert preparation. H. P. Taylor. 303,880, June 13, 1933. Republished Oct. 12.
Canned vegetables, canned fruits, canned soups, etc. Chitty & Co. 502,794, Oct. 12; Serial No. 515,412, published July 13, 1948.
Canned vegetables, canned seafood, condiments, etc. Consolidated Grocers Corporation. 440,918, Oct. 12; Serial No. 500,947, published July 13, 1948.
Canned vegetables, olives, mustard, etc. Reliable Grocery Company, Inc. 193,416, Dec. 30, 1924. Republished Oct. 12.
Cereal, Packaged, pre-cooked, processed. M. Yonan-Malek. 502,833, Oct. 12; Serial No. 528,750, published July 20, 1948.
Cherries, Bottled. J. E. Rahal. 502,830, Oct. 12; Serial No. 528,585, published July 20, 1948.
Chewing gum. Shelby Gum Company. 502,863, Oct. 12; Serial No. 530,577, published July 20, 1948.
Chewing gum. Walla-Walla Gum Company. 502,872, Oct. 12; Serial No. 531,166, published July 13, 1948.
Chocolate powder, Prepared. Robert A. Johnston Company. 380,198–9, Aug. 13, 1940. Republished Oct. 12.
Chutneys, tap sauce, and curry powder. Merwanjee Poonjiajee & Sons. 331,218, Dec. 31, 1935. Republished Oct. 12.
Coating for ice-cream, Liquid. Robert A. Johnston Company. 280,275, Feb. 10, 1931. Republished Oct. 12.
Cocoa. Robert A. Johnston Company. 356,191, Apr. 19, 1938. Republished Oct. 12.
Coffee. Katsafanas Coffee Company. 243,625, renewed June 26, 1948. O. G. Oct. 12.
Coffee. Katsafanas Coffee Company. 243,998, renewed July 3, 1948. O. G. Oct. 12.
Coffee. Mello Joy Coffee Company. 502,877, Oct. 12; Serial No. 531,350, published July 20, 1948.
Coffee. Schreiber Products Corporation. 185,217, June 10, 1924. Republished Oct. 12.
Coffee essence with chicory. R. Patterson & Sons Limited. 195,502–3, Feb. 24, 1925. Republished Oct. 12.
Coffee, powdered sugar, evaporated milk, etc. E. R. Godfrey & Sons Company. 191,868, Nov. 18, 1924. Republished Oct. 12.
Crust mix, Pie and pastry. Pi-Do Corporation. 415,498, Aug. 7, 1945. Republished Oct. 12.
Eggs, Fresh. Great Atlantic & Pacific Tea Company. 502,821, Oct. 12; Serial No. 527,470, published July 20, 1948.
Feed compound, All-purpose. Cudahy Packing Company. 502,864, Oct. 12; Serial No. 530,621, published July 20, 1948.
Feed, Stock, poultry feed, etc. Allied Mills, Inc. 502,824, Oct. 12; Serial No. 528,166, published July 6, 1948.
Fish, Preserved. A. Alonso. 229,511, renewed June 28, 1947. O. G. Oct. 12.
Flour, White wheat. Universal Mills. 440,910, Oct. 12; Serial No. 494,245, published July 6, 1948.
Food, Dog. Hunter Packing Company. 363,069, Dec. 13, 1938. Republished Oct. 12.
Food, Frosted fish cat. Wm. T. Crowther & Son, Inc. 502,793, Oct. 12; Serial No. 515,221, published July 20, 1948.
Food products. M. McGraw. 440,922, Oct. 12; Serial No. 502,991, published July 13, 1948.
Foods, Prepared. Mrs. Klein's. 502,775, Oct. 12; Serial No. 488,857, published July 20, 1948.
Frozen fresh cooked meats. Kold Kist, Inc. 392,582, Jan. 6, 1942. Republished Oct. 12.
Frozen mixture, made of whole eggs, egg yolks, sugar and salt. Manhattan Egg Co., Inc. 502,932, Oct. 12; Serial No. 537,061, published July 13, 1948.
Fruits, Fresh. E. E. Morse. 207,412, Dec. 29, 1925. Republished Oct. 12.
Fruits, Fresh citrus. Arizona Citrus Growers. 250,623, renewed Dec. 11, 1948. O. G. Oct. 12.
Fruits, Fresh citrus. Corona Foothill Lemon Company. 502,926, Oct. 12; Serial No. 535,818, published July 20, 1948.
Fruits, Fresh citrus. Growers Fruit Company, Inc. 377,022, Apr. 16, 1940. Republished Oct. 12.
Gelatin. Crystal Gelatine Company. 70,410, re-renewed Aug. 25, 1948. O. G. Oct. 12.
Grapefruit juice. Hills Brothers Company. 251,534, renewed Jan. 8, 1949. O. G. Oct. 12.
Grapes, Fresh. East-Side Fruit Growers. 440,949, Oct. 12; Serial No. 511,543, published July 6, 1948.
Grapes, Fresh, fresh deciduous fruits. C. E. Welch. 251,861, renewed Jan. 15, 1949. O. G. Oct. 12.
Jellies and fruit preserves, Edible. National Tea Co. 440,955, Oct. 12; Serial No. 513,192, published July 13, 1948.
Lard, shortening composed of vegetable oils and animal fats, and sausage. John Morrell & Co. 212,191, renewed Apr. 27, 1946. O. G. Oct. 12.
Macaroni. Jellum, Inc. 431,657, July 29, 1947. Republished Oct. 12.
Mineral supplement for livestock and poultry feed. Roben Products, Inc. 502,789, Oct. 12; Serial No. 510,111, published July 13, 1948.
Molasses. Penick & Ford, Ltd., Incorporated. 250,080, renewed Nov. 27, 1948. O. G. Oct. 12.
Molasses. Penick & Ford, Ltd., Incorporated. 250,465, renewed Dec. 11, 1948. O. G. Oct. 12.
Molasses. Penick & Ford Ltd., Incorporated. 250,951, renewed Dec. 18, 1948. O. G. Oct. 12.
Olive oil. Conway Import Co., Inc. 336,437, July 7, 1936. Republished Oct. 12.
Olive oil. R. U. Delapenha & Company, Inc. 379,695, July 23, 1940. Republished Oct. 12.
Olives, canned evaporated milk, peanut butter, etc. National Tea Co. 440,984, Oct. 12; Serial No. 521,604, published July 13, 1948.
Pastes, canned ravioli, chili sauce, etc., Alimentary. Anthony Macaroni Co., Inc. 262,930, Oct. 29, 1929. Republished Oct. 12.
Peppermint sweetmeats, Clear boiled sugar. Diamints Limited. 502,776, Oct. 12; Serial No. 489,659, published July 20, 1948.
Pickles, Cucumber. Brice-Waldrop Pickle Company. 502,806, Oct. 12; Serial No. 523,820, published July 13, 1948.
Pickles, Cucumber. Brice-Waldrop Pickle Company. 502,807, Oct. 12; Serial No. 526,194, published July 13, 1948.
Pig's foot tasties, Pickled, pickled lambs' tongues, ox tongue (whole, jelly), pickled boniess pigs' feet, etc. Silz Packing Company, Inc. 250,530, renewed Dec. 11, 1948. O. G. Oct. 12.
Potato chips. Shaeffer-Black Company. 440,926, Oct. 12; Serial No. 504,002, published July 13, 1948.
Potato chips, candy, seedless raisins, etc. Creamette Company. 201,880, Aug. 11, 1925. Republished Oct. 12.
Powder preparation for making candy. Robert A. Johnston Company. 323,253, Apr. 9, 1935. Republished Oct. 12.
Salad dressing. Pickle Products Company. 263,156, Oct. 29, 1929. Republished Oct. 12.
Salad dressing, french dressing, savory fresh dressing, etc. Jane B. Smith & Company, Inc. 502,809, Oct. 12; Serial No. 526,511, published July 20, 1948.
Salt. Barton Salt Company. 97,668, June 16, 1914. Republished Oct. 12.
Seasoning in powder form. S. Katz. 440,920, Oct. 12; Serial No. 501,743, published July 20, 1948.
Shortening, Hydrogenated vegetable oil, and soy bean salad oil. H. Rosenthal. 502,912, Oct. 12; Serial No. 533,396, published July 20, 1948.
Sugar. Godchaux Sugars, Inc. 389,604, Aug. 12, 1941. Republished Oct. 12.
Syrup, Pomegranate, hot buttered rum butter, salad dressings, etc. V. J. Bergeron. 502,788, Oct. 12; Serial No. 509,390, published July 13, 1948.
Tea. Weddle Tea Co., Inc. 414,632, June 19, 1945. Republished Oct. 12.
Vegetables, Fresh. A. Arena & Co., Ltd. 300,568, Jan. 24, 1933. Republished Oct. 12.
Vegetables, Fresh. J. A. Domenico. 421,957, June 25, 1946. Republished Oct. 12.
Vegetables, Fresh. Stanley Fruit Company. 502,871, Oct. 12; Serial No. 531,049, published July 13, 1948.

CLASS 47

Vermouth and marsala wines. Vermouth Industries of America Inc. 502,885, Oct. 12; Serial No. 531,742, published June 15, 1948.
Wine. Pirrone Wineries, Inc. 397,332, Sept. 1, 1942. Republished Oct. 12.
Wine, Muscatel. J. R. Parkington & Co., Ltd. 254,585, Mar. 26, 1929. Republished Oct. 12.
Wine, Sauterne. J. R. Parkington & Co., Ltd. 328,986, Oct. 15, 1935. Republished Oct. 12.
Wines. Beaulieu Vineyard. 502,894–5, Oct. 12; Serial Nos. 532,111–12, published June 22, 1948.
Wines. Biscegila Brothers. 330,797, Dec. 17, 1935. Republished Oct. 12.
Wines. Etablissements Vitry-Vaucluse, Societe a Responsabilite Limitee. 440,938, Oct. 12; Serial No. 507,545, published June 29, 1948.
Wines. Inglenook Vineyard Co. 502,860, Oct. 12; Serial No. 530,510, published June 15, 1948.
Wines, Bordeaux. J. R. Parkington & Co., Ltd. 323,059, Apr. 2, 1935. Republished Oct. 12.

CLASS 48

Beer. Aztec Brewing Company. 502,850, Oct. 12; Serial No. 529,740, published July 6, 1948.
Beer. Beverwyck Breweries, Inc. 502,825, Oct. 12; Serial No. 528,248, published June 15, 1948.
Beer. Gipps Brewing Corporation. 502,853, Oct. 12; Serial No. 530,189, published June 15, 1948.
Beer. G. Heileman Brewing Company. 502,972, Oct. 12; Serial No. 535,238.

Beer. Kiewel Brewing Company. 502,820, Oct. 12; Serial No. 527,456, published June 29, 1948.
Beer. Monarch Brewing Company. 378,887, June 25, 1940. Republished Oct. 12.
Beer. F. & M. Schaefer Brewing Co. 502,889, Oct. 12; Serial No. 531,848, published June 22, 1948.
Beer, ale and porter. Heidelberg Brewing Company. 441,003, Oct. 12; Serial No. 525,596, published June 15, 1948.
Beer, ale, bock beer, etc. C. Schmidt and Sons, Incorporated. 502,826, Oct. 12; Serial No. 528,316, published July 6, 1948.
Beer, porter and ale. Louis F. Neuweiler's Sons. 502,900, Oct. 12; Serial No. 532,480, published June 15, 1948.
Malt beverages. San Antonio Brewing Association. 315,874, Aug. 14, 1934. Republished Oct. 12.
Malt beverages. San Antonio Brewing Association. 321,357, Jan. 29, 1935. Republished Oct. 12.
Malt to be used in the making of beer. First Caramel Malting Corporation. 502,782, Oct. 12; Serial No. 505,046, published June 15, 1948.

CLASS 49

Beverages, Distilled potable alcoholic. W. A. Haller Corporation. 502,913, Oct. 12; Serial No. 533,458, published June 22, 1948.
Brandy. Carbonell y Compañia de Cordoba S. A. 440,911, Oct. 12; Serial No. 494,541, published July 13, 1948.
Liqueur. Austin, Nichols & Co., Incorporated. 432,362. Sept. 2, 1947. Republished Oct. 12.
Liqueurs and cordials. W. Michelson. 440,928, Oct. 12; Serial No. 504,121, published June 29, 1948.
Liquors, Distilled alcoholic. Etablissements Vitry-Vaucluse, Societe a Responsabilite Limitee. 440,961, Oct. 12; Serial No. 515,463, published July 13, 1948.
Rum. W. Michelson. 440,927, Oct. 12; Serial No. 504,120, published June 15, 1948.
Whiskey. Jack Daniel Distillery, Lem Motlow, Prop., Inc. 441,002, Oct. 12; Serial No. 525,555, published June 15, 1948.
Whiskey. Glenmore Distilleries Company. 335,882, June 16, 1936. Republished Oct. 12.
Whiskey. Glenmore Distilleries Company. 502,859, Oct. 12; Serial No. 530,495, published June 29, 1948.
Whiskey. Glenmore Distilleries Co., Inc. 327,535, Aug. 27, 1935. Republished Oct. 12.
Whiskey. A. S. Loeb. 441,009, Oct. 12; Serial No. 506,878.
Whiskey. Siegfried Lowenthal Company. 440,947, Oct. 12; Serial No. 510,602, published June 15, 1948.
Whiskey. Medley Distilling Company. 502,966–7, Oct. 12; Serial Nos. 530,751–2.
Whiskey, gin, and brandy. Brookside Distilling Products Corporation. 440,990, Oct. 12; Serial No. 523,822, published Jan. 20, 1948.
Whisky. Craighall Bonding Company. 309,146, Jan. 2, 1934. Republished Oct. 12.
Whisky. Craighall Bonding Company. 334,303, Apr. 28, 1936. Republished Oct. 12.
Whisky. White Horse Distillers, Limited. 302,116–17, Mar. 28, 1933. Republished Oct. 12.
Whisky. White Horse Distillers, Limited. 315,239, July 24, 1934. Republished Oct. 12.

CLASS 50

Coverings for household containers, Fabric. Kova Knit Co. 338,857, Sept. 15, 1936. Republished Oct. 12.
Incubators, Electrical. Petersime Incubator Company. 502,879, Oct. 12; Serial No. 531,512, published July 20, 1948.

CLASS 55

Auditing, Utility rate. C. C. Starnes. 502,948, Oct. 12; Serial No. 528,895, published July 13, 1948.
Loan, Instalment loan, and instalment credit business, Services rendered in the small. Beneficial Industrial Loan Corporation. 502,945, Oct. 12; Serial No. 527,261, published July 13, 1948.
Oil wells, Services rendered in connection with. McCullough Tool Company. 502,946, Oct. 12; Serial No. 528,068, published July 13, 1948.
Oil wells, Services rendered in connection with. McCullough Tool Company. 502,947, Oct. 12; Serial No. 528,080, published July 13, 1948.

LIST OF PLANT PATENTEES

Francisco, Marshall E., Fresno, Calif. Apricot tree. 808, Oct. 12.

LIST OF DESIGN PATENTEES

Adams, Charles J., Park Ridge, and H. Z. Benton, Woodstock, Ill. Angle socket. 151,314, Oct. 12.
Arons, George R., New York, N. Y. Picture frame. 151,315, Oct. 12.
Asteroff, J. Leah, New York, N. Y. Dress. 151,316, Oct. 12.
Bassick Company, The, assignee: *See*— Kendall, William A.
Benson, Donald O., Racine, assignor to Ira M. Jones, Milwaukee, Wis. Child's chair. 151,317, Oct. 12.
Benton, Harold Z.: *See*— Adams, Charles J., and Benton.
Berger, Samuel I., Newark, N. J. Mechanical toy. 151,318, Oct. 12.
Brandt, Paul B., Augusta, Kans. Denture brush. 151,319, Oct. 12.
Brothers, Lewis R., North Hollywood, Calif. Combined radio and bed lamp. 151,320, Oct. 12.
Busch, Fred W., assignor to Milsteel Products Co., Milwaukee, Wis. Electric iron. 151,321, Oct. 12.
Cabot, Thomas H., Jr.: *See*— Chapin, Bernard L., Davis, and Cabot.
Cenci, Salvatore, Kansas City, Mo. Dough extrusion device or like article. 151,322, Oct. 12.
Chapin, Bernard L., Winchester, N. L. Davis, Melrose, and T. H. Cabot, Jr., Boston, assignors to New England Carbide Tool Company, Inc., Cambridge, Mass. Scissors sharpener. 151,323, Oct. 12.
Chapin, Bernard L., Winchester, N. L. Davis, Melrose, and T. H. Cabot, Jr., Boston, assignors to New England Carbide Tool Company, Inc., Cambridge, Mass. Knife sharpener. 151,324, Oct. 12.
Chernow, Michael, New York, N. Y. Earring or the like. 151,325, Oct. 12.
Chernow, Michael, New York, N. Y. Earring or the like. 151,326, Oct. 12.
Coates, Raymond C., Wesleyville, Pa. Airplane. 151,327, Oct. 12.
Connors, John S., Cleveland, Ohio. Tray. 151,328, Oct. 12.
Constantine, George, Brookline, Mass. Dress. 151,329, Oct. 12.
Coro, Inc., assignee: *See*— Katz, Adolph.
Davis, Noble L.: *See*— Chapin, Bernard L., Davis, and Cabot.
Devlin, Leo J.: *See*— Heinemann, Edward H., and Devlin.
De Sanders, Neil J., Dallas, Tex. Automobile hood louver. 151,330, Oct. 12.
De Weese, Mary A., Glendale, Calif. Bathing suit. 151,331, Oct. 12.
De Weese, Mary A., Glendale, Calif. Bathing suit. 151,332, Oct. 12.
Dobson, Clifford B., Berkeley, Calif. Hobby horse. 151,333, Oct. 12.
Douglas Aircraft Company, Inc., assignee: *See*— Heinemann, Edward H., and Devlin.
Duckwall, Alva L., Jr., Abilene, Kans. Ash tray. 151,334, Oct. 12.
Duvalet, Maurice, Congers, assignor to Van Cleef & Arpels, Inc., New York, N. Y. Brooch or similar article. 151,335, Oct. 12.
Eckman, Merll L., Canton, Ohio. Combined table and bookholder. 151,336, Oct. 12.
Ekco Products Company, assignee: *See*— Glass, Henry P.
Eller, Harry E., Chicago, Ill. Portable collapsible motion picture projection screen stand. 151,337, Oct. 12.
Farnam, Helen R., and B. S. Wheeler, Minneapolis, Minn. Child's doll. 151,338, Oct. 12.
Felver, Richard I., Pittsburgh, Pa., assignor to Standard Gas Equipment Corporation, Baltimore, Md. Splash panel accessory unit for cooking stoves. 151,339, Oct. 12.
Finch Telecommunications, Inc., assignee: *See*— Teague, Walter D.
Flauder, Alfred J., Trumbull, assignor to Weidlich Bros. Manufacturing Company, Bridgeport, Conn. Cigarette lighter. 151,340, Oct. 12.
Franklin Sales & Manufacturers, Inc., assignee: *See*— Fukal, Alfred F.
Fukal, Alfred F., Cambridge, assignor to Franklin Sales & Manufacturers, Inc., Columbus, Ohio. Combined cigarette case and lighter. 151,341, Oct. 12.
General Motors Corporation, assignee: *See*— Haviland, Glenford M. MacKichan, Clare M.
Glass, Henry P. assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 151,342, Oct. 12.
Greger, George G., Detroit, Mich. Tray for desk articles. 151,343, Oct. 12.
Hathaway, William R., West Haven, assignor to United Advertising Corporation, New Haven, Conn. Barbecue grill. 151,344, Oct. 12.
Haviland, Glenford M., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 151,345, Oct. 12.
Heinemann, Edward H., and L. J. Devlin, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 151,346, Oct. 12.
Hoover, Walter S., South Newfane, Vt. Helicopter. 151,347, Oct. 12.
Jones, Ira M., assignee: *See*— Benson, Donald O.
Jorgenson, William J., Los Angeles, Calif. Pin. 151,348, Oct. 12.
Josephian, William, Oakland, Calif. Trailer. 151,349, Oct. 12.
Karp, Edward C., Belvidere, Ill. Scale. 151,350, Oct. 12.
Kately, Mathias J., and E. M. Peckwas, assignors to P. S. Ricchiuti, Chicago, Ill. External dome light for automotive vehicles. 151,351, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,352, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,353, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,354, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,355, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,356, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,357, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,358, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,359, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,360, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 151,361, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 151,362, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 151,363, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 151,364, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,365, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 151,366, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 151,367, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,368, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,369, Oct. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,370, Oct. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,371, Oct. 12.
Keefer, Leona S., Dayton, Ohio. Clothes hanger. 151,372, Oct. 12.
Kendall, William A., Winston-Salem, N. C., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 151,373, Oct. 12.
Kendall, William A., Winston-Salem, N. C., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 151,374, Oct. 12.
Koltnow, Harry G., assignor to Kolto Art Products, Inc., New York, N. Y. Picture mounting. 151,375, Oct. 12.
Kolto Art Products, Inc., assignee: *See*—
Koltnow, Harry G.
Kutik, Charles, Paterson, N. J. Cigarette dispenser. 151,376, Oct. 12.
La Barre, Ernoll W., assignor of one-half to H. C. Leech, doing business as Herbert C. Leech Illustrators, New York, N. Y. Combined loud speaker and shelter therefor. 151,377, Oct. 12.
Lang, Walter: *See*—
Nagel, John D., and Lang.
Leech, Herbert C., assignee, et al.: *See*—
La Barre, Ernold W.
Leech, Herbert C., Illustrators, assignee, et al.: *See*—
Le Barre, Ernold W.
Leskin, Nathan, Philadelphia, Pa. Metal straightening hammer. 151,378, Oct. 12.
Lewyt Corporation, assignee: *See*—
Meyerhoefer, Carl E.
Lord, Thomas E.: *See*—
Sanchez, Lee, and Lord.
MacKichan, Clare M., assignor to General Motors Corporation, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 151,379, Oct. 12.
Margolis, David, New York, and Sol Weisblatt, Brooklyn, N. Y. Necktie. 151,380, Oct. 12.
Martin, Alexander I., assignee: *See*—
Nissen, Hans G.
Mayerson, Max, Richmond Heights, Mo. Phonograph. 151,381, Oct. 12.
Melton, Elmer, Oklahoma City, Okla. Water craft. 151,382, Oct. 12.
Meyerhoefer, Carl E., assignor to Lewyt Corporation, Brooklyn, N. Y. Sprayer. 151,383, Oct. 12.
Milsteel Products Co., assignee: *See*—
Busch, Fred W.
Moffat, Charles L., assignor to Moffats Limited, Weston, Ontario, Canada. Combined oven and grill. 151,384, Oct. 12.
Moffats Limited, assignee: *See*—
Moffat, Charles L.
Motorola, Inc., assignee: *See*—
Reinecke, Jean O.
Nagel, John D., and W. Lang, Chicago, Ill. Combined bowling game device and ash tray. 151,385, Oct. 12.
National Casket Company, Inc., assignee: *See*—
Thygeson, Arthur T., and Schladermundt.
New England Carbide Tool Company, Inc., assignee: *See*—
Chapin, Bernard L., Davis, and Cabot, Jr.
Nissen, Hans G., assignor of one-half to A. I. Martin, New York, N. Y. Vending machine cabinet or similar article. 151,386, Oct. 12.
Peckwas, Edward M.: *See*—
Kately, Mathias J., and Peckwas.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,387, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,388, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,389, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,390, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,391, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Clip or similar article. 151,392, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,393, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,394, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,395, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,396, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,397, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,398, Oct. 12.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,399, Oct. 12.
Poche, John M., New Orleans, La. Camp trailer. 151,400, Oct. 12.
Pomatti, Renato, Beacon, N. Y. Brooch or similar article. 151,401, Oct. 12.
Pratt Manufacturing Company, assignee: *See*—
Sundberg, Carl W.
Ragland, Thomas J., Seattle, Wash. Tie-rack. 151,402, Oct. 12.
Rahthus, Max, New York, N. Y. Link chain for a necklace or similar article. 151,403, Oct. 12.
Read, Julia, New York, N. Y. Hanger or similar article. 151,404, Oct. 12.
Rehrmann, Edward A., assignor to State Welding Works, Inc., New York, N. Y. Grill guard for automobile radiators. 151,405, Oct. 12.
Reinecke, Jean O., Oak Park, assignor to Motorola, Inc., Chicago, Ill. Radio receiver cabinet. 151,406, Oct. 12.
Rerea, Mariano, Brooklyn, N. Y. Combined lamp and flower pot. 151,407, Oct. 12.
Ricchiuti, Paul S., assignee: *See*—
Kately, Mathias J., and Peckwas.
Richards, Kenneth D., Gardner, Mass. Shot gun sight. 151,408, Oct. 12.
Rogers, Helyn M., Minneapolis, Minn. Brooch or similar article. 151,409, Oct. 12.
Rosenbaum, Harry S., Baltimore, Md. Lower rail for Venetian blinds. 151,410, Oct. 12.
Roseberg, Charles S., Chicago, Ill. Merchandising counter display lamp. 151,411, Oct. 12.
Ruczynski, Narcy B., Detroit, Mich. Aerial toy. 151,412, Oct. 12.
Sanchez, Lee, and T. E. Lord, Hornitos, Calif. Combined ash tray and cigarette holder. 151,413, Oct. 12.
Schladermundt, Peter: *See*—
Thygeson, Arthur T., and Schladermundt.
Smith, Frederick R., Toledo, Ohio. Vegetable slicer. 151,414, Oct. 12.
Solomon, Mortimer, New York, N. Y. Bathing suit. 151,415, Oct. 12.
Standard Gas Equipment Corporation, assignee: *See*—
Felver, Richard I.
State Welding Works, Inc., assignee: *See*—
Rehrmann, Edward A.
Sundberg, Carl W., Birmingham, assignor to Pratt Manufacturing Company, Coldwater, Mich. Sled. 151,416, Oct. 12.
Sverdlik, Jack D., West Hempstead, Long Island, N. Y. Combined high chair and baby walker. 151,417, Oct. 12.
Teague, Walter D., Annandale, assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 151,418, Oct. 12.
Teague, Walter D., Annandale, assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 151,419, Oct. 12.
Teague, Walter D., Annandale, assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 151,420, Oct. 12.
Thygeson, Arthur T., New York, and P. Schladermundt, Bronxville, N. Y., assignors to National Casket Company, Inc., Boston, Mass. Burial casket. 151,421, Oct. 12.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
United Advertising Corporation, assignee: *See*—
Hathaway, William R.
Van Cleef & Arpels, Inc., assignee: *See*—
Duvalet, Maurice.
Wapnick, Herman, Brooklyn, N. Y. Dress ornament. 151,422, Oct. 12.
Weidlich Bros. Manufacturing Company, assignee: *See*—
Flauder, Alfred J.
Well, Lewis P., Cynwyd, Pa. Portable electric fountain. 151,423, Oct. 12.
Weisblatt, Sol: *See*—
Margolis, David, and Weisblatt.
Wheeler, Blanche S.: *See*—
Farnam, Helen R., and Wheeler.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 12TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ackerman, Milton J.: *See*—
Clammer, Edward S., Ackerman, and Barton.
Acme Electric Corporation, assignee: *See*—
Comstock, James A.
Adair, Paul F., Dayton, Ohio. Relative temperature indicator. 2,450,871, Oct. 12.
Adams, Heston D., Mount Morrison, Colo. Dispensing package for cartridge reloading components. 2,451,015, Oct. 12.
Addressograph-Multigraph Corporation, assignee: *See*—
Gollwitzer, Walter T.
Aeroquip Corporation, assignee: *See*—
Main, Benjamin A., Jr.
Affleck, Theodore H., North Hollywood, assignor, by mesne assignments, to W. A. Cooke, Hollywood, Calif. Fingertip control for tractor-trailer air brake systems. 2,451,268, Oct. 12.
Agriculture, the United States of America as represented by the Secretary of, assignee: *See*—
Cowan, John C., Falkenburg, Teeter, and Skell.
Sanderson, William J.
Aiken, Elmer W., Dayton, Ohio, assignor to the United States of America as represented by the Secretary of War. Condenser tester. 2,450,872, Oct. 12.
Albertson, Noel F., East Greenbush, S. Archer, and C. M. Suter, Albany, assignors, by mesne assignments, to Winthrop-Stearns Inc., New York, N. Y. Alkyl esters of α-acylamino, α-cyano, β-(3-indole)-propionic acid. 2,451,310, Oct. 12.
Alderfer, Sterling W., Akron, Ohio. Elastic thread and process of making same. 2,450,016, Oct. 12.
Alderson, Witty L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Long-chain secondary alkyl N-substituted polymeric styrene/maleamic acids and dispersions containing them. 2,451,370, Oct. 12.
Aldreany, Victor, Danbury, Conn. Movie camera attachment for making lap dissolves. 2,450,017, Oct. 12.
Alexanderson, Ernst F. W., A. H. Mittag, Schenectady, N. Y., and M. W. Sims, Fort Wayne, Ind., assignors to General Electric Company. Electric frequency transformation system. 2,451,189, Oct. 12.
Allen, Frank M., Azusa, and R. E. Snyder, Pasadena, assignors to The All-Flex Corporation, Los Angeles, Calif. Flexible tubing joint. 2,451,269, Oct. 12.
Allen, Paul E., Skokie, assignor to Baby's Pal Company, Chicago, Ill. Bottle holder. 2,450,927, Oct. 12.
All-Flex Corporation, The, assignee: *See*—
Allen, Frank M., and Snyder.
Alliance Manufacturing Company, assignee: *See*—
Schneider, Emmor V.
Alliance Porcelain Products Company, The, assignee: *See*—
Chesney, Robert M.
Allison, Ira E., McLoud, Okla. Hay baler. 2,450,928, Oct. 12.
Allwein, Aloysius F., assignor to The Brown Instrument Company, Philadelphia, Pa. Flowmeter. 2,451,425, Oct. 12.
Alpak, assignee: *See*—
Crane, Walton B.
American Car and Foundry Company, assignee: *See*—
Pancake, Herman H.
American Cyanamid Company, assignee: *See*—
Amick, Chester A., and Kenle.
Baker, Bernard R.
Baker, Bernard R., and Querry.
Blann, William A.
Dorfman, Louis, and Bernstein.
Erickson, John G.
American Linen Supply Co., assignee: *See*—
Birr, Rudolph G.
Steiner, Frank G., and Birr.
American Machine & Foundry Company: *See*—
Newman, Max M.
American Steel and Wire Company of New Jersey, The, assignee: *See*—
Thompson, James R.
Ammerman, Harry E., Silver Spring, Md. Window bracket. 2,451,143, Oct. 12.
Amick, Chester A., and R. H. Kienle, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Printing with vat colors. 2,451,270, Oct. 12.
Amsler Morton Corporation, assignee: *See*—
Morton, William A.
Andersen, Carl N., Pleasantville, N. Y., assignor, by mesne assignments, to Gallowhur Chemical Corporation. Metallo-organic compositions. 2,451,052, Oct. 12.
Anderson, David P., Pittsburgh, Pa., and S. Kneass, Jr., Boylston, assignors to Morgan Construction Company, Worcester, Mass. Conveying mechanism for billet heating furnaces. 2,451,053, Oct. 12.
Anderson, Frank W., North Weymouth, Mass. Stud welding gun. 2,451,190, Oct. 12.
Andreasen, Harry N., Sr., Chicago, Ill. Golf tee. 2,451,311, Oct. 12.
Andrew, Edward F., assignee: *See*—
O'Brien, William J.
Antony, Charles, Jr., Rockville Centre, N. Y., assignor to The Sperry Corporation. Tube socket. 2,450,873, Oct. 12.
Apex, Tool & Cutter Company, assignee: *See*—
Sheridan, Henry M.
Arboll, Rolf, assignee: *See*—
Fjeld, Thorbjorn.
Archer, Sydney: *See*—
Albertson, Noel F., Archer, and Suter.
Arengo-Jones, Rhys W., assignor to Thomas J. Lipton Limited, Toronto, Ontario, Canada. Dehydrated food product and making the same. 2,451,312, Oct. 12.
Arengo-Jones, Rhys W., assignor to Thomas J. Lipton Limited, Toronto, Ontario, Canada. Dehydrated fruit pie filling. 2,451,313, Oct. 12.
Armstrong Cork Company, assignee: *See*—
Lyall, John D.
Park, Arthur D., and Johnson.
Armstrong, James, & Company Limited, assignee: *See*—
Newberry, Stanley.
Arrow-Hart & Hegeman Electric Company, assignee: *See*—
Johnson, David W.
Ashworth, Fred, Wenham, and C. W. Carter, Topsfield, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Rocket launcher. 2,450,929, Oct. 12.
Atkinson, Linwood, Hillman, Mich. Self-aligning swinging drawbar. 2,451,054, Oct. 12.
Attorney General of the United States, vested in the: *See*—
Ferretti, Antonio.
Aubrey, William M., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Froth level controlling device. 2,451,144, Oct. 12.
Austin Company, The, assignee: *See*—
Gannett, Joseph K., Smith, Jr., and Saveland.
Auto Diesel Piston Ring Company, The, assignee: *See*—
Heinrich, August H.
Automatic Electric Laboratories, Inc., assignee: *See*—
Blair, William R., and Woodruff.
Candy, Charles M., and Owen.
Herrick, Roswell H.
McCreary, Harold J.
Sargisson, Robert L., and Obergfell.
Baby's Pal Company, assignee: *See*—
Allen, Paul E.
Backstrom, John A., Euclid, Ohio, assignor to The Breck Company. Cutting toolholding means for machine tools. 2,451,371, Oct. 12.
Baclawski, Theodore, Philadelphia, Pa., assignor to Philco Corporation. Electrical bridge network. 2,450,930, Oct. 12.
Bair, Robert R., H. L. Benner, Niagara Falls, and J. F. Walker, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright zinc plating. 2,451,426, Oct. 12.
Baker, Albert L., Summit, A. R. C. Markl, Teaneck, and A. Blahut, Trenton, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Lined pipe. 2,451,145, Oct. 12.
Baker, Albert L., Summit, W. H. Hill, Pennington, and A. R. C. Markl, Teaneck, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Internally insulation lined vessel. 2,451,146, Oct. 12.
Baker, Bernard R., Nanuet, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Hydroxythiophane carboxylic acids and esters and methods of preparing same. 2,451,427, Oct. 12.
Baker, Bernard R., Nanuet, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Dihydrothiophenes and preparing same. 2,451,428, Oct. 12.
Baker, Bernard R., Nanuet, and M. V. Querry, Pearl River, assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Thiophane carboxyhydrazides and preparing the same. 2,451,429, Oct. 12.
Baldwin Locomotive Works, assignee: *See*—
Tate, Malcolm C.
Ballenger, Clarence E., Spartanburg, S. C. Sandal with adjustable front and rear straps. 2,451,372, Oct. 12.

Balster, George L., Seward, Nebr. V-type internal-combustion engine. 2,451,271, Oct. 12.
Barber-Colman Company, assignee: *See*—
Ransome, Stafford M.
Barone, Salvatore A., Freeport, N. Y., assignor, by mesne assignments, to Jefferson Standard Broadcasting Company. Carrier frequency shift signaling. 2,451,430, Oct. 12.
Barton, George A.: *See*—
Clammer, Edward S., Ackerman, and Barton.
Bault, William V., Watseka, Ill. Chuck. 2,450,931, Oct. 12.
Beach, Leland K., Mountainside, N. J., assignor to Standard Oil Development Company. Production of alkyl cyanides. 2,451,314, Oct. 12.
Beach, Lennox F.: *See*—
Braddon, Frederick D., and Lennox.
Beacham, Thomas E., London, England. Fuel pump. 2,451,055, Oct. 12.
Beachler, Edward D., assignor to Beloit Iron Works, Beloit, Wis. Rotating tool lathe. 2,451,147, Oct. 12.
Beall, Charles R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed controlled motor-driven gate. 2,451,373, Oct. 12.
Bear Manufacturing Company, assignee: *See*—
South, Chester.
Beard, Edward S., Spring City, Pa. Textile spreader. 2,450,932, Oct. 12.
Bechman, William C.: *See*—
Ziskal, Joseph F., and Bechman.
Bell Aircraft Corporation, assignee: *See*—
Bell, Lawrence D.
Williams, William W.
Williams, William W., and Bowers.
Bell, Joseph D., San Francisco, Calif. Engine drive. 2,451,374, Oct. 12.
Bell, Lawrence D., Eggertsville, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Horn control. 2,450,933, Oct. 12.
Bell, Richmond T., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,451,375, Oct. 12.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Mallina, Rudolph F.
Pierce, John R.
Robinson, Albert L.
Shann, Oscar A.
Thomas, Frank M.
Belmont Radio Corporation, assignee: *See*—
Royal, Leslie L.
Beloit Iron Works, assignee: *See*—
Beachler, Edward D.
Belz, Louis: *See*—
Nagy, Milo J., and Belz.
Bendix Aviation Corporation, assignee: *See*—
Hengst, Walter D.
Nardone, Romeo M.
Bendix-Westinghouse Automotive Air Brake Company, assignee: *See*—
Eaton, Wilfred A.
Gates, Charles E.
Benner, Harry L.: *See*—
Bair, Robert R., Benner, and Walter.
Bennetch, David S., Sheridan, Pa. Semiautomatic automotive transmission with governor-synchronized gears. 2,451,058, Oct. 12.
Bennett, Robert N., Findlay, Ohio, assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Digging wheel drive for trenchers. 2,451,315, Oct. 12.
Berger, Joseph, and M. Wachman, Brooklyn, N. Y. Key holder. 2,451,056, Oct. 12.
Berman, Samuel, Richmond Hill, assignor to Waugh Equipment Company, New York, N. Y. Variable transformer. 2,450,868, Oct. 12.
Bernard, George G., Evanston, and D. C. Bond, Northbrook, assignors to The Pure Oil Company, Chicago, Ill. Separation of olefins from hydrocarbon mixtures. 2,451,376, Oct. 12.
Bernard, Julius Z., Freeport, N. Y. Bed frame and detachable grinding roller unit. 2,451,057, Oct. 12.
Bernstein, Seymour: *See*—
Dorfman, Louis, and Bernstein.
Berry, Walter R., assignor to Jonas Woodhead & Sons Limited, Leeds, England. Leaf spring. 2,450,869, Oct. 12.
Betts, Gilbert A.: *See*—
De Boer, Willis, Betts, and Polidor.
Bible, Milbert D., Mosheim, Tenn. Portable play pen. 2,451,431, Oct. 12.
Bieber, Otto, New York, N. Y. Apparatus for desiccation. 2,451,316, Oct. 12.
Bielak, Frank A.: *See*—
Blumensaadt, Svend G, and Bielak.
Bindler, Jakob, assignor to J. R. Geigy A. G., Basel, Switzerland. High molecular guanamines and their manufacture. 2,451,432, Oct. 12.
Birr, Rudolph G.: *See*—
Steiner, Frank G., and Birr.
Birr, Rudolph G., Lombard, Ill., assignor, by mesne assignments, to American Linen Supply Co., Carson City, Nev. Stop mechanism and means for mounting. 2,451,191, Oct. 12.
Blaas, Johanna G., née Westendorp, widow: *See*—
Blaas, Theeuwis A. H.
Blaas, Theeuwis A. H., deceased, Nimeguen, by J. G. Blaas, née Westendorp, widow, Epse, Gorssel, Netherlands, assignor to Naamlooze Vennootschap Kunstzijdespinnerij Nyma, Nimeguen, Netherlands. Spinning viscose artificial silk filaments comprising threads, staple fibers, bands, and the like. 2,451,148, Oct. 12.
Blahut, Anthony: *See*—
Baker, Albert L., Markl, and Blahut.
Blair, James H., Prince Bay, Staten Island, assignor to Chayes Dental Instrument Corporation, New York, N. Y. Dental tool attachment. 2,451,192, Oct. 12.
Blair, William R., Washington, D. C., and A. E. Woodruff, Oak Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Microphone adapted to be actuated by a bone structure of a user. 2,451,317, Oct. 12.
Blanchard, Werner J., and C. S. J. MacNeil, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Propeller mechanism. 2,451,059, Oct. 12.
Blann, William A., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Activation of anion exchangers in sugar purification. 2,451,272, Oct. 12.
Bliss, Harding, Hamden, Conn., and W. C. Sussky, Little Rock, Ark., assignors to Dictaphone Corporation, New York, N. Y. Hydrogenation of tall oil. 2,451,377, Oct. 12.
Bloom, Sven F., Rutland, Mass. Precision cannon pinion tightener. 2,451,378, Oct. 12.
Blumensaadt, Svend G., Beachwood Village, and F. A. Bielak, Fairview Village, assignors to Universal Wire Spring Company, Cleveland, Ohio. Wire twisting device. 2,450,876, Oct. 12.
Boehm, Erich, assignor of one-half to Nipa Laboratories, Limited, Cardiff, Wales. Manufacture of materials resistant to or active against microorganisms. 2,451,149, Oct. 12.
Boeing Airplane Company, assignee: *See*—
Cooper, James B., and Jepson.
Bond, Donald C.: *See*—
Bernard, George G., and Bond.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Joint assembly. 2,451,060, Oct. 12.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Variable ratio steering assembly. 2,451,061, Oct. 12.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Clamp assembly. 2,451,062, Oct. 12.
Bowers, Herbert L.: *See*—
Williams, William W., and Bowers.
Boynton, Earl S.: *See*—
O'Brien, Joseph F.
Braddon, Frederick D., Babylon, N. Y., assignor to The Sperry Corporation. Gyro vertical instrument. 2,450,874, Oct. 12.
Braddon, Frederick D., Babylon, and L. F. Beach, Port Washington, N. Y., assignors to The Sperry Corporation. Gyroscopic instrument. 2,450,875, Oct. 12.
Bradenburg, Joseph L., Brooklyn, N. Y. Portable air clearing fan. 2,451,193, Oct. 12.
Braun, Frank C., New York, N. Y. Adhesive-containing suction cup. 2,451,194, Oct. 12.
Braun, G. A., Inc., assignee: *See*—
Yanchenko, Basil J.
Breck Company, The, assignee: *See*—
Backstrom, John A.
Brian, Joseph M., Westmount, Quebec, Canada, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio remote-control system. 2,451,150, Oct. 12.
Bridgeport Fabrics, Inc., assignee: *See*—
Spraragen, Louis.
Bright, Elvin M., assignor to Bright Laboratories, Inc., Whitefish Bay, Wis. Applying bottle caps. 2,451,273, Oct. 12.
Bright Laboratories, Inc., assignee: *See*—
Bright, Elvin M.
Bristol Company, The, assignee: *See*—
Cowherd, Robert D.
Thynell, Gistave M.
Brooks, Richard E.: *See*—
Gresham, William F., and Brooks.
Brown Instrument Company, The, assignee: *See*—
Allwein, Aloysius F.
Jordan, Arthur H.
Brown, Morris, San Diego, Calif. Riveting tool. 2,451,063, Oct. 12.
Brown and Sharpe Manufacturing Company, assignee: *See*—
Twamley, William E.
Brown, William F., Flushing, N. Y. Beverage package and apparatus. 2,451,195, Oct. 12.
Browser, Inc., assignee: *See*—
Harvuot, Frank B.
Bruck, Michael, assignor, by mesne asignments, to R. Frankfield, New York, N. Y. Board game device. 2,451,196, Oct. 12.
Brunow, George F.: *See*—
Whitehurst, Graham, and Slater, and Bruno, Hubbard, and Krawits.
Bucyrus Erie Company: *See*—
Mork, George W.

Budd Company, The, assignee: *See*—
Ekxergian, Carolus L., and Gaensele.
Ekxergian, Carolus L., Temple, and Horie.
Gaensele, Paul W.
Meissner, Clarence E.
Watter, Michael.
Bunn, D. H., Company, assignee: *See*—
Bunn, Benjamin H.
Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,451,197, Oct. 12.
Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparing an isomerization catalyst for normal paraffins. 2,451,018, Oct. 12.
Burke, Byron R., Los Angeles, Calif. Compressor pump. 2,451,379, Oct. 12.
Burke, Richard L., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Loading ships. 2,451,198, Oct. 12.
Burrell, Forrest B.: *See*—
Martin, John R., and Burrell.
Burrell Technical Supply Company, assignee: *See*—
Carlson, George W.
Burstiner, Jack, New York, N. Y. Confection package. 2,451,318, Oct. 12.
Bush, Burton T., Inc., assignee: *See*—
Carpenter, Marion S., and Easter.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,451,064, Oct. 12.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,451,065, Oct. 12.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,451,066, Oct. 12.
Butler, Edgar M., New Orleans, La. Self-energizing electrolytic water correction device. 2,451,067, Oct. 12.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device for insertion in circulatory systems. 2,451,068, Oct. 12.
Byram, Frederick C., Springfield, Ohio. Pumping volatile liquids. 2,451,151, Oct. 12.
Caldwell, Leona T., executrix: *See*—
Meinser, Arthur E.
Caldwell, Wallace L.: *See*—
Meinser, Arthur E.
California Research Corporation, assignee: *See*—
Cardwell, William T., Jr.
Elwell, William E., and Meier.
Calhoun, Ingram X., Oklahoma City, Okla. Well pipe handling apparatus. 2,450,934, Oct. 12.
Candor, Robert R., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Time and temperature controller for domestic appliances. 2,451,069, Oct. 12.
Candy, Albert M., La Grange, assignor, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill. Stud welding gun. 2,451,152, Oct. 12.
Candy, Charles M., Chicago, and W. W. Owen, Elgin, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Totalizator indicator control. 2,451,319, Oct. 12.
Caradine Hat Company, assignee: *See*—
Wittcoff, Edward.
Carder, Lorena B., Orlando, Fla. Handbag casing structure. 2,451,274, Oct. 12.
Cardwell, William T., Jr., Whittier, assignor to California Research Corporation, San Francisco, Calif. Conditioning of drilling fluids. 2,450,936, Oct. 12.
Carlson, George: *See*—
Scott, Carl F., Carlson, and Rugg.
Carlson, George W., Bridgeville, assignor to Burrell Technical Supply Company, Pittsburgh, Pa. Power shaker. 2,451,199, Oct. 12.
Carnegie-Illinois Steel Corporation, assignee: *See*—
Tree, George.
Carpenter, Marion S., Nutley, and W. M. Easter, Jr., Lodi, N. J., assignors to Burton T. Bush, Inc., New York, N. Y. 3-tertiary-butyl-4-alkoxy benzaldehydes. 2,450,877, Oct. 12.
Carpenter, Marion S., Nutley, and W. M. Easter, Jr., Lodi, N. J., assignors to Burton T. Bush, Inc., New York, N. Y. 3 - tertiary - butyl - 4 - alkoxy - 5 - nitro benzaldehydes. 2,450,878, Oct. 12.
Carpenter, Marion S., Nutley, and W. M. Easter, Jr., Lodi, N. J., assignors to Burton T. Bush, Inc., New York, N. Y. 2,4-di-tertiary-butyl-5-methoxy benzaldehyde. 2,450,879, Oct. 12.
Carpenter Steel Company, The, assignee: *See*—
Fetzer, Maurice C., and Post.
Carr, Charles H., Boston, Mass. Therapeutic device. 2,450,935, Oct. 12.
Carter, Chester W.: *See*—
Ashworth, Fred, and Carter.
Goodhue, William V., and Carter.
Carter, Ralph B., Company: *See*—
Jones, Fred C.
Cassee, Ewout: *See*—
Klinkhamer, Hendrik A. W., and Cassee.
Celanese Corporation of America: *See*—
Kelght, Albert W.
Cercownay, John M., Fort Lauderdale, Fla. Table assembly for automobiles. 2,451,275, Oct. 12.
Cerruti, Leland G.: *See*—
Gattuccio, Salvadore, and Cerruti.
Chain Belt Company, assignee: *See*—
Klein, Robert E.
Chamberlain, James M. W., Fairlawn, assignor to United States Stoneware Company, Akron, Ohio. Fluid-retaining joint and method of making the same. 2,451,070, Oct. 12.
Chandler Products Corporation, assignee: *See*—
Klukan, Joseph F.
Charlton, William, and J. B. Harrison, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Reaction of an etherified melamine-formaldehyde condensation product with an etherified phenol-formaldehyde condensation product. 2,451,153, Oct. 12.
Chatham Chemical Company, The, assignee: *See*—
Daugherty, Charles C.
Chatten, Clarence K., and S. A. Eller, New York, N. Y. Brittle point testing apparatus. 2,450,880, Oct. 12.
Chayes Dental Instrument Corporation, assignee: *See*—
Blair, James H.
Chesney, Jane L., executrix: *See*—
Chesney, Robert M.
Chesney, Robert M., deceased, Alliance, by J. L. Chesney, executrix, Youngstown, assignor to The Alliance Porcelain Products Company, Alliance, Ohio. Apparatus for making tubs or the like. 2,450,937, Oct. 12.
Chrysler Corporation, assignee: *See*—
Kimberly, Albert E., Jr.
Church, Harry, Esquimalt, British Columbia, Canada. Artificial respiration training device. 2,451,200, Oct. 12.
Ciba Limited, assignee: *See*—
Widmer, Gustave, and Hertner.
Clammer, Edward S., Merchantville, M. J. Ackerman, Camden, N. J., and G. A. Barton, Bridgeport, Conn., assignors to Radio Corporation of America. Frequency measuring system. 2,451,320, Oct. 12.
Clark, Stephen C., Jr., Scotia, N. Y., assignor to General Electric Company. Attenuator for ultra high frequencies. 2,451,201, Oct. 12.
Cline, Earl E., assignor to Mueller Co., Decatur, Ill. Spray nozzle. 2,451,071, Oct. 12.
Color Research Corporation, assignee: *See*—
Grimson, Samuel B.
Combined Optical Industries Limited: *See*—
Jeffree, John H.
Combustion Engineering Company, Inc., assignee: *See*—
Mittendorf, Harvey C.
Comstock, James A., Clyde, N. Y., assignor, by mesne assignments, to Acme Electric Corporation. Laminated magnetic core and method of making. 2,451,202, Oct. 12.
Confections, Inc., assignee: *See*—
Kooman, Jacob J.
Consolidated Edison Company of New York, Inc., assignee: *See*—
Donovan, Lewis B.
Consolidated Vultee Aircraft Corporation, assignee: *See*—
Stringfield, Raymond B., and Miles.
Controls Laboratories, Inc., assignee: *See*—
Gano, Joseph J., and Richardson.
Cooke, William A., assignee: *See*—
Afleck, Theodore H.
Cooper, James B., and A. B. Jepson, Seattle, Wash., assignors to Boeing Airplane Company. Pressure cabin control. 2,450,881, Oct. 12.
Cooper, Lonzo S., Piqua, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating system having thermometer-receiving well at the evaporator inlet and outlet. 2,451,072, Oct. 12.
Copeland, Brooks W., Prescott, Ariz. Automatic shutoff valve. 2,450,938, Oct. 12.
Cor, Pierre, Paris, France. Vibration fatigue testing method and machine. 2,450,939, Oct. 12.
Corning Glass Works, assignee: *See*—
Hicks, John F. G., and Henkel.
Coss, Harold T., Plainfield, and E. R. Powell, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus for forming mineral wool mats. 2,450,916, Oct. 12.
Costa, Philip J., Franklin Square, N. Y., assignor to The Sperry Corporation. Detonation suppression system. 2,450,882, Oct. 12.
Cowan, John C., L. B. Falkenburg, and H. M. Teeter, Peoria, and P. S. Skell, Urbana, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Polyamides from polymeric fat acids. 2,450,940, Oct. 12.
Cowherd, Robert D., Atlanta, Ga., assignor to The Bristol Company, Waterbury, Conn. Control apparatus. 2,451,073, Oct. 12.
Craig, W. E.: *See*—
Hester, William F., and Craig.
Crane, Walton B., assignor to Alpak, Los Angeles, Calif. Shipping, storage, and display cartons. 2,450,941, Oct. 12.
Croisant, Donald P.: *See*—
Dolza, John, Croisant, Gaubatz, and Perish.
Crotty, Michael C., Flushing, N. Y. Boiler. 2,451,321, Oct. 12.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve insides. 2,451,276, Oct. 12.
Crowley, John C., Willoughby, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem and valve. 2,451,277, Oct. 12.

Cruzan, Harold, Los Angeles, Calif. Cabin pressure regulator valve. 2,451,278, Oct. 12.

Curtiss, George E., Jr., Penn Wynne, assignor to Philco Corporation, Philadelphia, Pa. Latch. 2,451,380, Oct. 12.

Curtiss, George E., Jr., Penn Wynne, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Refrigerator door latch. 2,451,381, Oct. 12.

Curtiss-Wright Corporation, assignee: *See*—
Keck, Andrew.

D'Amico, Paul M., Philadelphia, Pa. Stuffing tube. 2,450,883, Oct. 12.

Daniel and Florence Guggenheim Foundation, The, assignee: *See*—
Goddard, Robert H.

Daub, Rudolph, West Caldwell, N. J. Internal-combustion engine. 2,451,322, Oct. 12.

Daugherty, Charles C., assignor to The Chatham Chemical Company, Siler City, N. C. Making manganous sulfate. 2,450,870, Oct. 12.

D'Avaucourt, Pierre D., Bainbridge, Pa. Wire saw strand. 2,451,383, Oct. 12.

Davis, Albert G., Newton Center, Mass., assignor to The Nevins-Church Press, New York, N. Y. Combined dispensing and blade holding box. 2,451,382, Oct. 12.

Davis, Archibald H., Jr., University Heights, assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Liquid measuring device. 2,451,154, Oct. 12.

Davis, Garland H. B., Elizabeth, N. J., assignor to Standard Oil Development Company. Apparatus for producing artificial fog. 2,451,019, Oct. 12.

Davis, Hyman R., Jackson Heights, assignor to The Lummus Company, New York, N. Y. Hydrocarbon extraction apparatus. 2,451,433, Oct. 12.

Davis, Orrie E., Ballston Spa, N. Y. Easel bracket. 2,451,020, Oct. 12.

Dawson, Edward, New York, and J. R. Ericson, Westbury, N. Y., assignors to The Sperry Corporation. Pressure measuring apparatus. 2,450,884, Oct. 12.

Dean, Beatrice M., Los Angeles, Calif. Strainer. 2,451,074, Oct. 12.

De Boer, Willis, Williamsville, G. A. Betts, Eggertsville, and E. C. Polidor, Rochester, assignors, by mesne assignments, to Precision Methods Co., Inc., Buffalo, N. Y. Optical projection contour comparison device. 2,451,155, Oct. 12.

De Carli, John J., Stockton, Calif. Milk receiver for automatic milking systems. 2,451,075, Oct. 12.

De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Variable capacity vane pump for oil burners. 2,451,279, Oct. 12.

Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Control system. 2,451,280, Oct. 12.

De Mattos, Annibal R., Recife, Brazil. Process and apparatus for producing alcohol by fermentation. 2,451,156, Oct. 12.

Dennison Manufacturing Company, assignee: *See*—
Pecker, J. S.

Dental Research Corporation, assignee: *See*—
Erdle, Reiner W.

De Tray, George E., Independence, Mo. Scissors sharpener. 2,451,203, Oct. 12.

Detuno, Rocco J., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Voltage regulating amplifier system. 2,451,021, Oct. 12.

Dictaphone Corporation, assignee: *See*—
Bliss, Harding, and Suesky.

Dike, Ralph E., McCook, Nebr. Bed lamp. 2,451,157, Oct. 12.

Dill Manufacturing Company, The, assignee: *See*—
Crowley, John C.

Dings Magnetic Separator Co., assignee: *See*—
Manegold, Robert L.

Doane, Leroy C., Essex, assignor to The Sight Light Corporation, Deep River, Conn. Shock resistant relay. 2,451,323, Oct. 12.

Dohrmann, Frederick C., Los Angeles, Calif. Color changing antiseptic composition. 2,451,022, Oct. 12.

Dolza, John, D. P. Croisant, A. W. Gaubatz, and P. W. Perish, Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine controller. 2,451,204, Oct. 12.

Donnelly, Thomas, Wilmington, Calif. Multiple blade hacksaw. 2,450,942, Oct. 12.

Donovan, Lewis B., White Plains, assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Painting of gas holders. 2,451,158, Oct. 12.

Dorfman, Louis, New York, and S. Bernstein, Pearl River, assignors, by mesne assignments to American Cyanamid Company, New York, N. Y. Enol-thioethers of keto-steroids and preparing the same. 2,451,434, Oct. 12.

Dougherty, John J., assignee: *See*—
Fenlon, Hugh F.

Douglas Aircraft Company, Inc., assignee: *See*—
Del Mar, Bruce E.
Rechton, George D.

Downing, Rexford D., Rock Island, Ill., assignor to International Harvester Company. Brake pedal lock. 2,450,943, Oct. 12.

Dreyer, Albert, assignor to Metallschlauchfabrik A. G., Lucerne, Switzerland. Apparatus for the continual production of electrically welded tubes. 2,451,159, Oct. 12.

Dunton, Charles H., Oakland, Calif. Shield for transformers. 2,451,324, Oct. 12.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Alderson, Witty L., Jr.
Bair, Robert R., Benner, and Walker.
Gresham, William F., and Brooks.
Hager, Glenn F.
Raasch, Maynard S.
Seney, John S.
Watkins, William W.

Durant Manufacturing Co., assignee: *See*—
Hennessy, Mark M.

Dusko, Joseph R., Youngstown, Ohio. Mannequin limb. 2,451,023, Oct. 12.

Easter, William M., Jr.: *See*—
Carpenter, Marion S., and Easter.

Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Dithering valve. 2,450,944, Oct. 12.

Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Pulse-echo motion detector. 2,450,945, Oct. 12.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,451,160, Oct. 12.

Edwards, Alfred B., Jr., Plandome, N. Y. Frame structure. 2,451,076, Oct. 12.

Eksergian, Carolus L., Detroit, R. B. Temple, Grosse Pointe Park, and K. C. Harle, Detroit, Mich., assignors to The Budd Company, Philadelphia, Pa. Internal expanding vehicle brake. 2,451,325, Oct. 12.

Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to The Budd Company, Philadelphia, Pa. Brake shoe assembly. 2,451,326, Oct. 12.

Electrical Engineering and Manufacturing Corporation. *See*—
Hoover, Vaino A.

Elfner, Henry L., Indianapolis, assignor of one-half to E. H. Stein, Marion County, Ind. Retainer and dispenser for sanitary tissues. 2,451,281, Oct. 12.

Ellender, Harold L., Baytown, Tex., assignor to Standard Oil Development Company. Refining lubricating oils. 2,451,025, Oct. 12.

Eller, Saul A.: *See*—
Chatten, Clarence K., and Eller.

Ellerbeck, Thomas R., Salt Lake City, Utah. Calcining and calcining apparatus. 2,451,024, Oct. 12.

Ellis Drier Co., The, assignee: *See*—
Ellis, Hubert C.

Ellis, Hubert C., Evanston, assignor to The Ellis Drier Co., Chicago, Ill. Method and device for drying woven fabric material. 2,451,206, Oct. 12.

Elwell, William E., and R. L. Meier, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Plastic compositions and making the same from an unsaturated ketone and an unsaturated nitrile. 2,451,435, Oct. 12.

Emsig, Sidney, Woodmere, N. Y. Molded integral sewing hole button of thermosetting synthetic resinous materials. 2,451,077, Oct. 12.

Erdle, Reiner W., assignor to Dental Research Corporation, Chicago, Ill. Making artificial teeth. 2,450,885, Oct. 12.

Erickson, John G., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing n-alkyl acrylamides. 2,451,436, Oct. 12.

Ericson, John R.: *See*—
Dawson, Edward, and Ericson.

Escoffery, Charles A., East Orange, N. J., and M. D. Merva, Bernice, Pa., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Semiconductor. 2,450,886, Oct. 12.

Escoffery, Charles A., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Semiconductor. 2,450,887, Oct. 12.

Euclid Production Development Corp, assignee: *See*—
Humphreys, Marion W.

Evans, John, Kingston, N. J., assignor to Radio Corporation of America. Pulse-echo radio velocity indicator. 2,450,946, Oct. 12.

Fairbanks, Jerry, Hollywood, Calif. Pressure device for camera mechanisms and filler inserts therefor. 2,451,161, Oct. 12.

Fairchild Engine and Airplane Corporation, assignee: *See*—
Wescott, John E.

Falkenburg, Lee B.: *See*—
Cowan, John C., Falkenburg, Teeter, and Skell.

Fantozzi, Vincent J.: *See*—
Metzger, Leopold H., and Fantozzi.

Fasce, Egi V., Baton Rouge, La., and W. H. Wood, Warren, Pa.; S. T. Fasce, attorney-in-fact for said Egi V. Fasce, assignors to Standard Oil Development Company. Removal of acetylene from diolefin-containing mixtures. 2,451,327, Oct. 12.

Fasce, Sarah T., attorney-in-fact: *See*—
Fasce, Egi V., and Wood.

Fayette Manufacturing Company, The, assignee: *See*—
Long, Leland E.

Federal Cartridge Corporation, assignee: *See*—
Reed, Cortes F.

Federal Telephone and Radio Corporation, assignee: *See*—
Escoffery, Charles A.
Escoffery, Charles A., and Merva.

Feibel, Adolph H., Cincinnati, Ohio, assignor to The Kelley-Koett Manufacturing Co., Inc., Covington, Ky. X-ray protective device. 2,451,282, Oct. 12.

Fenlon, Hugh F., Pelham, assignor of one-half to J. J. Dougherty, St. Albans, N. Y. Pipe coupling. 2,451,437, Oct. 12.

Ferguson, Albert C., Jacksonville, Fla. Weaving frame. 2,451,207, Oct. 12.

Ferretti, Antonio, Milan, Italy; vested in the Attorney General of the United States. Manufacture of artificial textile fibers. 2,450,889, Oct. 12.

Fetzer, Maurice C., and C. B. Post, Wyomissing, assignors to The Carpenter Steel Company, Reading, Pa. Wear resistant steel. 2,450,888, Oct. 12.

Field, Donald C.: *See*—
Sparks, William J., and Field.

Finch, William G. H., Newtown, Conn. Directional antenna tuning system. 2,451,078, Oct. 12.

Finch, William G. H., Newtown, Conn. Facsimile apparatus record mounting means. 2,451,079, Oct. 12.

Finch, William G. H., Newtown, Conn., and G. H. Hohmann, Bronx, N. Y., assignors to Finch Telecommunications, Inc., Passaic, N. J. Facsimile transmitter-sheet loading and stripping mechanism. 2,450,080, Oct. 12.

Finch Telecommunications, Inc., assignee: *See*—
Finch, William G. H., and Hohmann.

Fine Art Apron Co., Inc., assignee: *See*—
Mink, Isadore.

Fishwood, Rollin W.: *See*—
Williams, Norman C., and Fishwood.

Fix, Eugene J., Philadelphia, Pa., assignor to the Government of the United States of America as represented by the Secretary of War. Mechanical time fuse. 2,450,890, Oct. 12.

Fjeld, Thorbjörn, assignor to R. Arbøll, Oslo, Norway. Razor blade sharpening apparatus. 2,451,384, Oct. 12.

Flater, Harold, E. T. Waernhoff, and N. G. Franson, Norrkoping, Sweden, assignors to International Harvester Company. Twine making machine. 2,450,947, Oct. 12.

Ford Instrument Company, Inc., assignee: *See*—
Newell, William H.
Ross, Elliott P., and Marsh.

Ford, Lester L., Eufaula, Ala. Apparatus for extracting vegetable oil. 2,451,081, Oct. 12.

Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Making elastic fabrics. 2,450,948, Oct. 12.

Fouke, George W., assignor to Lee-Rowan Company, St. Louis, Mo. Sock drier. 2,451,208, Oct. 12.

Foulkes, Christopher H., London W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Ultra high requency electron discharge device. 2,451,328, Oct. 12.

Frankenstein, William P., Cincinnati, Ohio. Hollow-walled carton. 2,451,209, Oct. 12.

Frankfield, Robert, assignee: *See*—
Bruck, Michael.

Franson, Nils G.: *See*—
Flater, Harold, Waernhoff, and Franson.

Friend, Albert W., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,451,026, Oct. 12.

Gaenssle, Paul W.: *See*—
Eksergian, Carolus L., and Gaenssle.

Gaenssle, Paul W., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Cushioned disk brake shoe assembly. 2,451,329, Oct. 12.

Gallowhur Chemical Corporation, assignee: *See*—
Andersen, Carl N.

Gamble, Ralph M., assignor to Jones & Lamson Machine Company, Springfield, Vt. Chuck for automatic machine tools. 2,451,210, Oct. 12.

Gannett, Joseph K., Montclair, N. J., R. Smith, Jr., Richmond Heights, and B. W. Saveland, Cleveland Heights, assignors to The Austin Company, Cleveland, Ohio. Broadcasting studio. 2,451,283, Oct. 12.

Gano, Joseph J., Worcester, and L. W. Richardson, Cherry Valley, Mass., assignors to Controls Laboratories, Inc. Cutting machine for plastic material. 2,451,027, Oct. 12.

Garnett, Edward V., Denver, Colo. Automobile transporting truck. 2,451,284, Oct. 12.

Gar Wood Industries, Inc., assignee: *See*—
Bennett, Robert N.
Miller, George E.

Gaubatz, Arthur W.: *See*—
Dolza, John, Croisant, Gaubatz, and Perish.

Gates, Charles E., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Valve mechanism. 2,451,162, Oct. 12.

Gates, Charles W., and C. R. Howey, Elmira, Ontario, Canada, assignors to United States Rubber Company, New York, N. Y. Purification of phenothiazine. 2,451,082, Oct. 12.

Gattuccio, Salvadore, and L. G. Cerruti, San Jose, Calif. Bottle cap. 2,450,949, Oct. 12.

Geigy, J. R., A. G., assignee: *See*—
Bindler, Jakob.

Gellman Manufacturing Company, assignee: *See*—
Petskeyes, Charles H.

General Aniline & Film Corporation, assignee: *See*—
Thunberg, Leander O.

General Electric Company, assignee: *See*—
Alexanderson, Ernst F. W., Mittag, and Sims.
Clarke, Stephen C., Jr.
Holmgren, Viking R.
Lunberg, John E.
Ogden, Harold S.
Reifschneider, Paul J.
Rosentreter, Ernest W.
Scott, Carl F., and Carlson, and Rugg.
Stoeckly, Eugene E.
Warren, Glenn B., and Smith.
Webb, Donald R.

General Motors Corporation, assignee: *See*—
Blanchard, Werner J., and MacNeil.
Candor, Robert R.
Cooper, Lonzo S.
Dolza, John, Croisant, Gaubatz, and Perish.
Hindall, Alva L.
Jorgensen, Clarence H., and Taylor.
La Motte, Ralph R.

General Tire & Rubber Company, The, assignee: *See*—
Kraft, Herman T.

Gersten, Lee, New York, N. Y. Cabinet, chest, and similar article. 2,451,211, Oct. 12.

Gibson, G. H., assignee: *See*—
Richbourg, James W.

Gilbert & Barker Manufacturing Company, assignee: *See*—
De Lancey, Warren H.

Gilbert, Joseph A., San Francisco, and P. A. Johnson, assignors to Moore Business Forms, Inc., Emeryville, Calif. Sheet feed for writing machines. 2,451,330, Oct. 12.

Goddard, Esther C., executrix: *See*—
Goddard, Robert H.

Goddard, Robert H., deceased, Annapolis, Md.; E. C. Goddard, executrix, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Gas blast actuated auxiliary turbine for gas blast propelled craft. 2,450,950, Oct. 12.

Goin, Everett, Weatherford, Okla. Implement anchor. 2,451,163, Oct. 12.

Gold, Leon J., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Thermoplastic coating composition. 2,451,212, Oct. 12.

Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Reciprocable feed means for printing machines. 2,451,213, Oct. 12.

Goodhue, William V., Ipswich, and C. W. Carter, Topsfield, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Rocket launcher. 2,450,951, Oct. 12.

Goodrich, B. F., Company, The, assignee: *See*—
Reuter, Louis F.
Semegen, Stephen T.
Stewart, William D.
Taft, George H.

Green, Arthur D., Cranford, N. J., assignor to Standard Oil Development Company. Stripping of polymer latices. 2,451,332, Oct. 12.

Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,451,214, Oct. 12.

Greger, Herbert H., Washington, D. C. Phosphate cements. 2,450,952, Oct. 12.

Greig, Harold G., Princeton, N. J., assignor to Radio Corporation of America. Electrolytic recording. 2,451,331, Oct. 12.

Gresham, William F., and R. E. Brooks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of polyhydroxy compounds. 2,451,333, Oct. 12.

Grimson, Samuel B., assignor to Color Research Corporation, New York, N. Y. Photography in additive color by the controlled utilization of chromatic aberrations in lenses. 2,451,164, Oct. 12.

Groat, Keith P., assignor to York Corporation, York, Pa. Control of convertible evaporator-condensers for use in refrigerative circuits. 2,451,385, Oct. 12.

Groves, Martin V., Brooklyn, assignor of one-half to A. Wilde and A. Hull-Ryde, jointly, Bayside, N. Y. Fluid pressure operated actuating device. 2,451,334, Oct. 12.

Groves, Martin V., Brooklyn, assignor of one-half to A. Wilde and A. Hull-Ryde, jointly, Bayside, N. Y. Control valve means for power-operated hydraulic motive means. 2,451,335, Oct. 12.

Guthrie, James E., assignor to Dr. Hess & Clark, Inc., Ashland, Ohio. Escharotic solution for dehorning calves. 2,450,953, Oct. 12.

Habicht, Louis O., Thorofare, N. J. Clamp. 2,450,891, Oct. 12.

Hagen, Harry W., Decatur, Ill. Nonrefillable bottle closure. 2,451,336, Oct. 12.

Hager, Glenn F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Isomerization of 1,4-dicyano-2-butene. 2,451,386, Oct. 12.

Haines, William A., Jr., Glendale, Calif. Lather making machine. 2,451,083, Oct. 12.

Hale, George C., Dover, N. J. Delay powder. 2,450,892, Oct. 12.

Halfvarson, Gustaf A., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Piston and connecting rod. 2,451,216, Oct. 12.

Hall, Charles S., New York, N. Y. Indicating the state of gas in cells of aircraft. 2,450,954, Oct. 12.

Hall, Gordon L., Old Lyme, Conn. Holder-dispenser for roll sheet material. 2,451,215, Oct. 12.

Hammond Iron Works, assignee: *See*—
Plummer, Fred L.

Halpert, Percy: *See*—
Newton, John C.

Hansen Mfg. Company, assignee: *See*—
Hansen, William L., and Hurst.

Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Princeton, Ind. Synchronous motor. 2,450,955, Oct. 12.

Hansen, William W., and J. R. Woodyard, Garden City, N. Y., assignors to The Sperry Corporation. High-frequency tube structure. 2,450,893, Oct. 12.

Harle, Karl C.: *See*—
Ekserdjian, Carolus L., Temple, and Harle.

Harrison, Jack B.: *See*—
Charlton, William, and Harrison.

Hart, George T., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Electrode retaining clamps for marginal bonding with high-frequency electric field. 2,450,956, Oct. 12.

Hart, John J., Bryn Mawr, Pa., assignor to the United States of America, as represented by the Secretary of War. Mechanical time fuse. 2,450,894, Oct. 12.

Hartford National Bank and Trust Company, assignee, trustee: *See*—
Klinkhamer, Hendrik A. W., and Cassee.

Hartman, Carl H., New Rochelle, assignor to St. Regis Paper Company, New York, N. Y. Sealing of closures for gusseted paper bags. 2,451,165, Oct. 12.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,451,438, Oct. 12.

Harvuot, Frank B., assignor to Bowser, Inc., Fort Wayne, Ind. Lubricator. 2,451,387, Oct. 12.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,451,028, Oct. 12.

Haughton Elevator Company, The, assignee: *See*—
Thurston, Ernest B.

Hawes, Richard D., Los Angeles, Calif. Sheet positioning and feeding device for printing presses. 2,451,388, Oct. 12.

Hawthorne, Louis A., Hillside, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Roll stripping mechanism. 2,450,957, Oct. 12.

Hayes, Arthur R., Cambridge, Ohio. Adjustable fender skirt brace. 2,450,958, Oct. 12.

Hayes, Edward F., Pelham, N. H., assignor to Talbot Mills, Inc., North Billerica, Mass., trustee. Semidecating machine. 2,451,337, Oct. 12.

Heath, William C., and P. A. Pitt, assignors to Solar Aircraft Company, San Diego, Calif. Exhaust structure for resiliently mounted engines. 2,451,285, Oct. 12.

Heberlein Patent Corporation, assignee: *See*—
Kunzle, August.

Hegbar, Howard R.: *See*—
Smith, Philip T., and Hegbar.

Heinecke, William, New York, N. Y. Silk screen printing ink. 2,450,959, Oct. 12.

Heinrich, August H., Euclid, assignor to The Anto Diesel Piston Ring Company, Cleveland, Ohio. Shock absorbing hammer. 2,451,217, Oct. 12.

Heintz, Ralph M., assignor by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Oil tank and cooler assembly. 2,450,960, Oct. 12.

Heller, Harold P., Palmyra, N. J., assignor to Radio Corporation of America. Electrical condenser. 2,451,338, Oct. 12.

Hemphill Company, assignee: *See*—
Green, Isaac H. C.

Hengst, Walter D., Roscoe, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Quick disconnect coupling. 2,451,218, Oct. 12.

Henkel, Carl F. *See*—
Hicks, John F. G., and Henkel.

Hennessy, Mark M., assignor to Durant Manufacturing Co., Milwaukee, Wis. Locking and resetting means for counters. 2,451,084, Oct. 12.

Heritage, Clark C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Refrigerator construction having means to restrict moisture in the walls of the cabinet. 2,451,286, Oct. 12.

Herrick, Roswell H., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Intercommunicating system. 2,451,330, Oct. 12.

Hertner, Wilhelm: *See*—
Widmer, Gustave, and Hertner.

Hess, Dr., & Clark, Inc., assignee: *See*—
Guthrie, James E.

Hester, William F., Drexel Hill, and W E Craig, assignors to Rohm & Haas Company, Philadelphia, Pa. Insecticidal haloido-alkylene esters of caprylphenoxyacetic acid. 2,451,085, Oct. 12.

Hetherington, Robert, & Son, Inc., assignee: *See*—
Schellman, Joseph H.

Hewlett-Packard Company, assignee: *See*—
Kingman, Rufus M.

Heymann, Seymour E., Evanston, J. H. Leslie, II, Winnetka, and W. A. Marshall, Jr., assignors to Stewart-Warner Corporation, Chicago, Ill. Electric switch. 2,450,961, Oct. 12.

Hicks, John F. G., Corning, and C. F. Henkel, Big Flats, assignors to Corning Glass Works, Corning, N. Y. Apparatus for melting and casting glass. 2,451,086, Oct. 12.

Hill, William H.: *See*—
Baker, Albert L., and Hill, and Markl.

Hilliard Corporation, The, assignee: *See*—
La Brecque, Theodore A., and Skoog.

Hillier, James: *See*—
Zworykin, Vladimir K., and Hillier.

Hindall, Alva L., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Reconditioning battery plates. 2,451,087, Oct. 12.

Hippen, Herman A.: *See*—
Lance, Herbert C., and Hippen.

Hohmann, Gottfried H.: *See*—
Finch, William, G. H., and Hohmann.

Holmgren, Viking R., Lynn, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,451,219, Oct. 12.

Hoover Ball and Bearing Company, assignee: *See*—
Pew, Thomas C.

Hoover, Vaino A., assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif. Cooling system for electric motors and hydraulic pumps. 2,450,963, Oct. 12.

Hoppe, William, Longmeadow, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Wrapper feed for wrapping machines. 2,451,287, Oct. 12.

Hornkohl, Carl J., and F. H. Leslie, Chicago, Ill.; said Leslie assignor to said Hornkohl. Doughnut cooking art. 2,450,962, Oct. 12.

Howe, Earl L., Dayton, Ohio. Line stretcher. 2,451,389, Oct. 12.

Howey, Cecil R.: *See*—
Gates, Charles W., and Howey.

Hoyt, Lawrence, Little Rock, Ark. Coin-receiving structure. 2,451,088, Oct. 12.

Hubbard, Joseph M.: *See*—
Whitehurst, Graham, Slater, Bruno, Hubbard, and Krawitz.

Huebner, William C., New York, N. Y. Method of and means for printing multicolor images by electric discharge. 2,451,288, Oct. 12.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Flow controller reset. 2,451,029, Oct. 12.

Hull, Howard L., Anderson, Ind. Tire pressure alarm switch. 2,451,166, Oct. 12.

Hull-Ryde, Arthur, assignee, et al.: *See*—
Groves, Martin V.

Humphreys, Marion W., assignor to Euclid Production Development Corp., Euclid, Ohio. Hydraulic jack. 2,451,390, Oct. 12.

Hunt, Floyd E., St. Petersburg, Fla. Wall construction. 2,451,220, Oct. 12.

Hunter, Frank B., Roscoe, assignor to Casimir A. Miketta, Beverly Hills, Calif. Hydraulic cylinder construction. 2,451,089, Oct. 12.

Hurd, Fraser A., Liverpool, N. Y. Machine tool. 2,450,964, Oct. 12.

Hurst, Ira N.: *See*—
Hansen, William L., and Hurst.

Hutter, William H., Chicago, Ill. Wedged needle type phonograph pickup. 2,451,221, Oct. 12.

Hydro-Speed Equipment Co., assignee: *See*—
McGee, Leland T.

Imperial Chemical Industries Limited, assignee: *See*—
Charlton, William, and Harrison.

Independent Pneumatic Tool Company, assignee: *See*—
Mitchell, Walter G.

Infilco Incorporated: *See*—
Hughes, Walter J.

Interchemical Corporation: *See*—
Marberg, Carl M.

International Harvester Company, assignee: *See*—
Downing, Rexford D.
Flater, Harold, Waernooff, and Franson.
McNamara, Gordon G., Jr.
Ziskal, Joseph F., and Bechman.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Heintz, Ralph M.

Jackson, Joseph G., assignee, et al.: *See*—
Mullen, Milton R.

Jackson, Wm. Steell, assignee, et al.: *See*—
Mullen, Milton R.

James, Robert B., Cincinnati, Ohio. Coil former. 2,451,222, Oct. 12.

Jarvis, Harold T., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition control. 2,451,289, Oct. 12.

Jefferson Standard Broadcasting Company, assignee: *See*—
Barone, Salvatore A.
Norde, Leslie.

Jeffree, John H., Cobham, assignor to Combined Optical Industries Limited, Slough, England. Determining correct curvatures of lenses and spacings thereof. 2,450,965, Oct. 12.

Jepson, Alfred B.: *See*—
Cooper, James B., and Jepson.

Jerichow, Walter R.: *See*—
Kephart, C. Paul, and Jerichow.

Jernstedt, George W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electroplating. 2,451,840, Oct. 12.

Jernstedt, George W., Belleville, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electroplating. 2,451,841, Oct. 12.

Johansen, Harry C., Michigan City, Ind., assignor to Joy Manufacturing Company. Drilling apparatus. 2,451,223, Oct. 12.

Johns-Manville Corporation, assignee: *See*—
Coss, Harold T., and Powell.
Hawthorne, Louis A.
Powell, Edward R.
Rembert, Ernest W.

Johnson, Andrew T., Las Vegas, Nev. Block molding machine. 2,451,167, Oct. 12.

Johnson, Charles P.: *See*—
Sporing, Percy A., and Johnson.

Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Push-pull selector switch. 2,451,224, Oct. 12.

Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Selector switch. 2,451,225, Oct. 12.

Johnson, Edward B., Grand Rapids, Mich. Key locking mechanism. 2,451,090, Oct. 12.

Johnson, Henry A., assignee: *See*—
Snyder, Rudolph M.

Johnson, Keith W., Arlington County, Va. Key ring. 2,451,091, Oct. 12.

Johnson, Norman A.: *See*—
Park, Arthur D., and Johnson.

Johnson, Paul A.: *See*—
Gilbert, Joseph A., and Johnson.

Jonas Woodhead & Sons Limited, assignee: *See*—
Berry, Walter R.

Jones, Donald S., Ellwood City, Pa. Utility holder. 2,451,092, Oct. 12.

Jones, Fred C., Teaneck, assignor to Ralph B. Carter Company, Hackensack, N. J. Centrifugal pump. 2,451,030, Oct. 12.

Jones & Lamson Machine Company, assignee: *See*—
Gamble, Ralph M.

Jordan, Arthur H., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,451,439, Oct. 12.

Jorgensen, Clarence H., and W. H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine controller. 2,451,205, Oct. 12.

Joy Manufacturing Company, assignee: *See*—
Johansen, Harry C.

Kahn, Alfred: *See*—
Shenk, Eugene R., and Kahn.

Kaminer, Bernard H., Brooklyn, N. Y. Key case. 2,451,093, Oct. 12.

Kauffman, Harry M., assignor of one-half to W. La Monaca, Philadelphia, Pa. Dispensing machine. 2,451,094, Oct. 12.

Kearfott Company, Inc., assignee: *See*—
Kent, Henry J.

Keck, Andrew, Gahanna, Ohio, assignor to Curtiss-Wright Corporation. Apparatus for surface treating small objects. 2,451,391, Oct. 12.

Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Yarn support. 2,450,966, Oct. 12.

Kelm, Charles J., Oil City, Pa., assignor to Oil Well Supply Company. Stuffing box. 2,450,895, Oct. 12.

Keiser, John, Windsor, Colo. Combined pipe wrench and vise. 2,450,967, Oct. 12.

Kelley-Koett Manufacturing Co., Inc., The, assignee: *See*—
Feibel, Adolph H.

Kellogg, M. W., Company, The, assignee: *See*—
Baker, Albert L., Hill, and Markl.
Baker, Albert L., and Markl, and Blahut.

Kelsh, Harry T., Washington, D. C. Map making and projection instrument. 2,451,031, Oct. 12.

Kemp, John H., Jr., San Carlos, Calif. Apparatus for handling loads. 2,451,226, Oct. 12.

Kennedy, Truman H., McKeesport, Pa., assignor to National Tube Company. Checkerwork and brick therefor. 2,451,392, Oct. 12.

Kent, Henry J., Teaneck, N. J., assignor to Kearfott Company, Inc., New York, N. Y. Gear mounting. 2,451,342, Oct. 12.

Kephart, C. Paul, Jersey City, and W. E. Jerichow, Far Hills, N. J. Electric soldering tool. 2,451,290, Oct. 12.

Kershaw, Henry, Belleville, N. J. Bridge for junction boxes. 2,451,393, Oct. 12.

Kienle, Roy H.: *See*—
Amick, Chester A., and Kienle.

Kimberly, Albert E., Jr., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission mechanism. 2,450,896, Oct. 12.

Kingman, Rufus M., assignor, by mesne assignments, to Hewlett-Packard Company, Palo Alto, Calif. Instrument drive. 2,451,032, Oct. 12.

Klein, Robert E., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Self-aligning conveyer roll mounting. 2,451,394, Oct. 12.

Klinkhamer, Hendrik A. W., and E. Cassee, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Safety device for rectifiers. 2,451,095, Oct. 12.

Klukan, Joseph F., Garfield Heights, assignor to Chandler Products Corporation, Euclid, Ohio. Truing mechanism for grinding wheels. 2,451,395, Oct. 12.

Kneass, Strickland, Jr.: *See*—
Anderson, David P., and Kneass.

Knubel, Barbara B., Westport, Conn. Stocking protector. 2,450,968, Oct. 12.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Superregenerative receiver. 2,451,291, Oct. 12.

Konrad, Hermann, Moutier, Switzerland. Pyrophoric lighter. 2,451,188, Oct. 12.

Kooman, Jacob J., assignor to Confections, Inc., Chicago, Ill. Preparing candy coated confections. 2,451,096, Oct. 12.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire bead spreader. 2,451,097, Oct. 12.

Krause, Norman R., Racine, Wis. Self-cleaning screen or filter. 2,451,227, Oct. 12.

Krawitz, Gustave P.: *See*—
Whitehurst, Graham, Slater, Bruno, Hubbard, and Krawitz.

Krebs, Ernst, Zurich, Switzerland. Friction-wheel regulating gear. 2,451,033, Oct. 12.

Krueger, Herbert E., Vallejo, Calif. Fixture for supporting and gauging brush riggings of motors and generators. 2,450,897, Oct. 12.

Künzle, August, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Web guiding device, particularly for tentering frames. 2,451,343, Oct. 12.

La Brecque, Theodore A., and A. W. Skoog, assignors to The Hilliard Corporation, Elmira, N. Y. Oil purifying system for vacuum pumps. 2,451,098, Oct. 12.

La Monaca, William, assignee: *See*—
Kauffman, Harry M.

La Motte, Ralph R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Uniting metal pieces by means of a bonding layer of predetermined thickness. 2,451,099, Oct. 12.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pressure mechanism. 2,450,969, Oct. 12.

Lanphere, Clive W., New York, N. Y. Curtain and curtain hanging means. 2,451,034, Oct. 12.

Lance, Herbert C., Rock Island, and H. A. Hippen, Moline, Ill. Chuck for internal grinders. 2,450,970, Oct. 12.

Lash, Leda I., now by marriage: *See*—
Speiser, Leda I.

Lauman, Herman E., Garden City, N. Y. Well pumping system. 2,451,168, Oct. 12.

Lecompte, Armand, Montreal, Quebec, Canada. Chain lock. 2,451,100, Oct. 12.

Lee-Rowan Company, assignee: *See*—
Fouke, George W.

Lemerond, Joseph L., Green Bay, Wis. Position holder for flashlights. 2,451,228, Oct. 12.

Lemke, Lawrence H., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Log barking drum. 2,451,229, Oct. 12.

Leschinsky, Francis P., assignor of one-half to E. S. Waldie, Berkeley, Calif. Bulldozer-loader device. 2,451,101, Oct. 12.

Leslie, Freeland H.: *See*—
Hornkohl, Carl J., and Leslie.

Leslie, John H.: *See*—
Heymann, Seymour R., Leslie, and Marshall.

Letch, Gerald C., Fort Sam Houston, Tex. Patient transfer carriage. 2,450,971, Oct. 12.

Le Tourneau, R. G., Inc., assignee: *See*—
Le Tourneau, Robert G.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Operating mechanism for lathes. 2,450,972, Oct. 12.

Leverenz, Humboldt W., Princeton, N. J., assignor to Radio Corporation of America. Dark trace screen. 2,451,292, Oct. 12.

Lewis, Frank M., Weston, Mass., assignor, by mesne assignments, to Lima-Hamilton Corporation, Hamilton, Ohio. Fuel injector control mechanism for free piston engines. 2,450,898, Oct. 12.

Lidington, Robert W., Rochester, N. Y., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Protective guard for power take-off shafts of tractors. 2,451,440, Oct. 12.

Linde Air Products Company, assignee: *See*—
Wagner, Robert L.

Lipton, Thomas J., Limited, assignee: *See*—
Arengo-Jones, Rhys W.

Liljegren, Lyle K., Alexandria, Va. Fuse. 2,450,899, Oct. 12.

Lima-Hamilton Corporation, assignee: *See*—
Lewis, Frank M.

Lingel, Frederick J., assignor to The Triplett Electrical Instrument Company, Bluffton, Ohio. Instrument current transformer with part turn winding. 2,450,973, Oct. 12.

Litke, Bernhardt J., Burbank, Calif. Ruffle ironer. 2,451,102, Oct. 12.

Loew, Theodore, New York, N. Y. Centrifugal casting apparatus. 2,451,103, Oct. 12.

Long, Leland E., Dayton, assignor to The Fayette Manufacturing Company, Fayette, Ohio. Suspension for tandem wheeled vehicles. 2,451,293, Oct. 12.

Lowe, Horace, assignor to Riviera Packing Company, Eastport, Maine, a partnership composed of V. N. Cory and A. Vogl. Distributing apparatus. 2,451,104, Oct. 12.

Lummus Company, The, assignee: *See*—
Davis, Hyman R.

Lundberg, John E., Marblehead, Mass., assignor to General Electric Company. Directional gyro. 2,451,230, Oct. 12.

Lyall, John D., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Machine for forming articles from a liquid slurry. 2,450,900, Oct. 12.

Lyall, John D., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Treating liquid slurries to separate fibers from heavier particles. 2,450,901, Oct. 12.

Machlett Laboratories, Incorporated, assignee: *See*—
Skehan, Joseph W.

Macleod, Donald K., assignor to United Steel Fabricators, Inc., Wooster, Ohio. Metal door and panel construction. 2,451,396, Oct. 12.

Macnamara, Harold C., Minneapolis, Minn. Push-button stepping switch. 2,451,105, Oct. 12.

MacNeil, Charles S. J.: *See*—
Blandhard, Werner J., and MacNeil.

Main, Benjamin A., Jr., assignor, by mesne assignments, to Aeroquip Corporation, Jackson, Mich. Self-sealing coupling. 2,451,441, Oct. 12.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making multiple cables for terminal banks. 2,450,974, Oct. 12.

Manegold, Robert L., assignor to Dings Magnetic Separator Co., Milwaukee, Wis. Magnet. 2,451,231, Oct. 12.

Marberg, Carl M., Elmhurst, Long Island, assignor to Interchemical Corporation, New York, N. Y. Decoration of glass fabrics. 2,450,902, Oct.12.

Marhoefer, Laurence J.: *See*—
Vidal, Eugene L., and Marhoefer.

Markl, Arthur R. C.: *See*—
Baker, Albert L., Markl, and Blahut.
Baker, Albert L., Hill, and Markl.

Marquardt, Carl G., Chatham, N. J., assignor to Sterling Injection Molding, Inc., Buffalo, N. Y. Apparel belt or chain. 2,451,397, Oct. 12.

Marquette, Ernest D., St. Albans, Vt. Heat exchanger. 2,451,398, Oct. 12.

Marquette Metal Products Company, The, assignee: *See*—
Sacchini, Columbus R.

Marsh, Harry S.: *See*—
Ross, Elliott P., and Marsh.

Marshall, William A. Jr.: *See*—
Heymann, Seymour E., Leslie, and Marshall.

Marsilius, Newman M., Trumbull, Conn. Jig. 2,451,035, Oct. 12.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller blade construction. 2,451,106, Oct. 12.

Martin, John R., and F. B. Burrell, Baytown, Tex., assignors to Standard Oil Development Company. Specific gravity recorder. 2,451,036, Oct. 12.

Martin, Ralph V., Philadelphia, Pa. Rain gutter for automobile windows. 2,451,399, Oct. 12.

Maxson, Gordon J., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Producing a nitrogen atmosphere. 2,450,975, Oct. 12.

May, Frederick T., Verona, and R. A. Rehberg, Livingston, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Wire winding and welding device. 2,451,169, Oct. 12.

McCabe, Ira E., Chicago, Ill. Electric switch. 2,451,107, Oct. 12.

McCauley, Claudius R., New Orleans, La. Switch control device. 2,451,232, Oct. 12.

McCleary, Rush F., Beacon, and S. M. Roberts, Glenham, assignors to The Texas Company, New York, N. Y. Lubricating oil. 2,451,037, Oct. 12.

McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Grid-controlled rectifier circuit. 2,451,344, Oct. 12.

McDowell, William, Glendale, Calif. Rolling pin. 2,451,170, Oct. 12.

McGee, Leland T., Los Angeles, Calif., assignor to Hydro-Speed Equipment Co. Power-operated scraper. 2,451,294, Oct. 12.

McGraw Electric Company, assignee: *See*—
Osterheld, Clark M.

McIlvaine, Oran T., St. Charles, Ill. Photoelectric tube. 2,451,400, Oct. 12.

McKelvey, Reuben M., Johnstown, Pa. Dust arrester for blast furnaces. 2,450,976, Oct. 12.

McNab, John G., Cranford, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Compounded lubricating oil. 2,451,345, Oct. 12.

McNab, John G., Cranford, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Compounded lubricating oil. 2,451,346, Oct. 12.

McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Vehicle reach and hound construction. 2,450,977, Oct. 12.

McShan, Clarence H., Newark, N. J. Frequency shift pulse time modulation. 2,451,347, Oct. 12.

Meier, Richard L.: *See*—
Elwell, William E., and Meier.

Meinzer, Arthur E., assignor to W. L. Caldwell, Birmingham, Ala.; L. T. Caldwell, executrix, of said W. L. Caldwell, deceased. Method and apparatus for production of expanded slag. 2,450,978, Oct. 12.

Meissner, Clarence E., Washington, D. C., assignor to The Budd Company, Philadelphia, Pa. Method of spot welding hollow sections. 2,451,442, Oct. 12.

Melchior, Norten C.: *See*—
Morris, Rupert C., and Melchior.

Menocal, Santiago M., Habana, Cuba. Combined envelope and letter sheet. 2,451,233, Oct. 12.

Merten, Eugen, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Apparatus for orientation. 2,451,443, Oct. 12.

Merva, Madeline D.: *See*—
Escoffery, Charles A., and Merva.

Metallschlauchfabrik A. G., assignee: *See*—
Dreyer, Albert.

Metzger, Leopold H., and V. J. Fantozzi, assignors, by mesne assignments, to Super-Cut, Inc., Chicago, Ill. Abrasive wheel. 2,451,295, Oct. 12.

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Phosphorus acid esters of petroleum phenols. 2,450,903, Oct. 12.

Miketta, Casimir A., assignee: *See*—
Hunter, Frank B.

Miles, Thomas R.: *See*—
Stringfield, Raymond B., and Miles.

Miller, George E., Findlay, Ohio, assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Adjustable trunnion mounting for bulldozers and the like. 2,451,348, Oct. 12.

Milprint, Inc., assignee: *See*—
Gold, Leon J.

Miner, W. H., Inc.: *See*—
Haseltine, Stacy B.

Mink, Isadore, Brooklyn, assignor to Fine Art Apron Co., Inc., New York, N. Y. Bib. 2,451,038, Oct. 12.

Miskel, John J.: *See*—
Richter, Richard, and Miskel.

Mistretta, Vincent F.: *See*—
Mottern, Henry O., and Mistretta.

Mitchell, Hubert R., and C. M. Sobotka, Hartselle, Ala. Transmission. 2,451,401, Oct. 12.

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Compression member. 2,451,234, Oct. 12.

Mittag, Albert H.: *See*—
Alexanderson, Ernst F. W., Mittag, and Sims.

Mittendorf, Harvey C., East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Electric hot-water heater. 2,451,296, Oct. 12.

Moller, Wilhelm, Kirklyn, Pa. Bicycle and like vehicles. 2,450,979, Oct. 12.

Molpus, Caleb M., Memphis, Tenn. Toilet ventilating means. 2,451,108, Oct. 12.

Moncrief, John L., Eatontown, N. J. Remote-control system for prime mover dynamo plants. 2,450,904, Oct. 12.

Monsanto Chemical Company, assignee: *See*—
Queeny, Edgar M.

Moore, Arnold R., Lancaster, Pa., assignor to Radio Corporation of America. Rugged gaseous discharge triodes. 2,451,297, Oct. 12.

Moore Business Forms, Inc., assignee: *See*—
Gilbert, Joseph A., and Johnson.

Morgan Construction Company, assignee: *See*—
Andersen, David P., and Kneass.

Mork, George W., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Bulldozer attachment for jeeps. 2,450,905, Oct. 12.

Morris, Rupert C., and N. C. Melchior, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Hydrogenation of unsaturated cyclic sulfones. 2,451,298, Oct. 12.

Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Sulfolanyl esters. 2,451,299, Oct. 12.

Morton, William A., Mount Lebanon, assignor, by mesne assignments, to Amsler Morton Corporation, Pittsburgh, Pa. Continuous heating furnace and operating the same. 2,451,349, Oct. 12.

Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricant. 2,451,039, Oct. 12.

Mottern, Henry O., Hillside, and V. F. Mistretta, Fanwood, N. J., assignors to Standard Oil Development Company. Preparation of unsaturated ketones. 2,451,350, Oct. 12.

Mottern, Henry O., Hillside, and V. F. Mistretta, Fanwood, N. J., assignors to Standard Oil Development Company. Production of unsaturated ketones. 2,451,351, Oct. 12.

Moyer, George E., Alturas, Calif. Scrubber for removing dirt from aggregates such as sand and gravel. 2,450,980, Oct. 12.

Mueller Co., assignee: *See*—
Cline, Earl E.

Mullen, Milton R., Philadelphia, Pa., assignor of one-quarter to W. S. and J. G. Jackson. Oleo strut for airplane landing gears. 2,451,171, Oct. 12.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Production of butadiene. 2,451,040, Oct. 12.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Catalytic cracking and reforming the production of aviation gasoline. 2,451,041, Oct. 12.

Murray, D. J., Manufacturing Co., assignee: *See*—
Lemke, Lawrence H.

Myers, John H., Tornillo, Tex. Rake. 2,451,402, Oct. 12.

Naamlooze Vennootschap Kunstzijdespinnerij Nyma: *See*—
Blaaas, Theeuwis A. H.

Nagy, Milo J., Richmond Hill, and L. Belz, Brooklyn, N. Y. Device for resurfacing grinding wheels. 2,451,235, Oct. 12.

Nancarrow, Harry L., Philadelphia, and A. R. Wilson, Lansdowne, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Method of and device for retracking rail vehicles. 2,451,042, Oct. 12.

Napco Chemical Company, assignee: *See*—
Richter, Richard, and Miskel.

Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Actuator and control assembly for retractable landing gears. 2,451,109, Oct.

National Bread Wrapping Machine Co., assignee: *See*—
Hoppe, William.

National Cylinder Gas Company, assignee: *See*—
Candy, Albert M.

National Malleable and Steel Castings Company, assignee: *See*—
Spence, Hubert L.

National Steel Corporation, assignee: *See*—
Rees, William J.

National Tube Company, assignee: *See*—
Kennedy, Truman H.

Nau-Touron, Albert, Le Vesinet, assignor to Societe a responsabilite limitee Fonderie de Precision, Nanterre, France. Revolving thread guiding flier. 2,451,352, Oct. 12.

Neal, Mary L., Baton Rouge, La. Baby garment. 2,451,300, Oct. 12.

Nefske, Frank J.: *See*—
Putnam, Earl R., and Nefske.

Nevins-Church Press, The, assignee: *See*—
Davis, Albert G.

Newbery, Stanley, Peterborough, assignor of one-half to James Armstrong & Company Limited, London, England. Machine used in laundries for washing or drying articles. 2,451,403, Oct. 12.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Ball caster. 2,451,353, Oct. 12.

Newman, Alexander L., River Forest, assignor to Precision Scientific Co., Chicago, Ill. Flask heater. 2,450,981, Oct. 12.

Newman, Armand E., New York, N. Y. Suspension rack. 2,451,110, Oct. 12.

Newman, Max M., New York, N. Y., assignor to American Machine & Foundry Company. Necktie machine. 2,450,906, Oct. 12.

Newton, John C., Bayside, and P. Halpert, Hempstead, N. Y., assignors to The Sperry Corporation. Turn control means for an automatic pilot. 2,450,907, Oct. 12.

Niccolls, Walter C., San Jose, Calif. Folding concrete form. 2,451,112. Oct. 12.

Nichols, Edgar B., Morristown, N. J. Writing instrument. 2,451,111, Oct. 12.

Nies, Hans C., Passaic, N. J. Cushion tire. 2,451,172, Oct. 12.

Nipa Laboratories, Limited, assignee: *See*—
Boehm, Erich.

Norde, Leslie, Hempstead, N. Y., assignor, by mesne assignments, to Jefferson Standard Broadcasting Company. Adjustable wave coupling system. 2,451,444, Oct. 12.

Norman, Horace M., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Inductive electrical indicator with compensated damper. 2,451,404, Oct. 12.

Oakes, George W., Crystal City, Mo. Combination clamp and closure. 2,451,405, Oct. 12.

Obergfell, Amanda, executrix: *See*—
Sargisson, Robert L., and Obergfell.

Obergfell, Herbert F.: *See*—
Sargisson, Robert L., and Obergfell.

O'Brien, Joseph F., Lebanon, and E. S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Conduit receptacle. 2,450,908, Oct. 12.

O'Brien, William J., assignor to E. F. Andrews, Chicago, Ill. Dynamoelectric machine. 2,450,982, Oct. 12.

O'Connell, Joseph, Kensington, Victoria, Australia. Apparatus for the molding of butter and like products. 2,451,301, Oct. 12.

Oeth, Earl W., assignor of one-third to R. A. Oeth, Evansville, Ind. Trailer for boat handling. 2,451,236, Oct. 12.

Oeth, Ruby A., assignee: *See*—
Oeth, Earl W.

Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Traction motor control system. 2,451,237, Oct. 12.

Ohio State University Research Foundation, The, assignee: *See*—
Lidington, Robert W.

Ohls, Robert L., Houston, Tex. Pipe coupling. 2,451,354, Oct. 12.

Oil Well Supply Company, assignee: *See*—
Keim, Charles J.

O'Neil, Harold D., Hatboro, Pa. Hydrostatic testing device. 2,450,909, Oct. 12.

O'Rear, George M., United States Navy. Aerial bomb. 2,450,910, Oct. 12.

Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Heat storage control system. 2,450,983, Oct. 12.

Owen, William W.: *See*—
Candy, Charles M., and Owen.

Owens-Illinois Glass Company: *See*—
Schutz, Harold R.

Ozols, Karlis V., Brooklyn, N. Y. Automatically adjustable ladder. 2,451,113, Oct. 12.

Packard Motor Car Company, assignee: *See*—
Vincent, Jesse G.

Pancake, Herman H., Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Mine car latch assembly. 2,451,406, Oct. 12.

Paolucci, Vincent R., Cleveland Heights, Ohio. Vehicle attached jack operated from luggage compartment. 2,451,407, Oct. 12.

Paolucci, Vincent R., Cleveland Heights, Ohio. Lifting device for automobiles. 2,451,408, Oct. 12.

Park, Arthur D., and N. A. Johnson, assignors to Armstrong Cork Company, Lancaster, Pa. Acoustical structure. 2,450,911, Oct. 12.

Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Manufacture of dense products from cement material. 2,451,445, Oct. 12.

Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Light-weight fiber containing product. 2,451,446, Oct. 12.

Pastore, Alfredo, Brooklyn, N. Y. Gem grinding and polishing tool. 2,450,984, Oct. 12.

Paust, Lawrence R., Chicago, Ill. Power supply for electronic apparatus. 2,450,985, Oct. 12.

Pecker, Joseph S., Upper Darby, Pa., assignor to Dennison Manufacturing Company, Framingham, Mass. Making identification tags. 2,451,355, Oct. 12.

Pennsylvania Railroad Company, The, assignee: *See*—
Nancarrow, Harry L. ,and Wilson.

Pennybacker, Miles, Westport, Conn. Gas discharge lamp. 2,451,043, Oct. 12.

Perish, Peter W.: *See*—
Dolza, John, Croisant, Gaubatz, and Perish.

Peters, Alva E., Olney, Ill. Pipe-bending machine. 2,451,302, Oct. 12.

Peterson, Fritz R., Denver, Colo. Folding clothes hanger. 2,451,114, Oct. 12.

Peterson, Glen, Asbury Park, N. J. Radiotelegraphy superregenerative receiver. 2,450,913, Oct. 12.

Petry, Stanton H., Evanston, and H. S. Snyder, assignors to Victor Adding Machine Co., Chicago, Ill. Portable collimator apparatus for testing the gyroscope and optical system of bomb-sights. 2,451,409, Oct. 12.

Petskeyes, Charles H., Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill. Mechanical movement. 2,451,303, Oct. 12.

Pew, Thomas C., assignor to Hoover Ball and Bearing Company, Ann Arbor, Mich. Pillow block bearing. 2,451,115, Oct. 12.

Philco Corporation, assignee: *See*—
Baclawski, Theodore.
Curtiss, George E., Jr.
Terry, Matson C.

Pierce, John B., Foundation, assignee: *See*—
O'Brien, Joseph F., and Boynton.
Stilwell, William E., Jr.

Pierce, John R., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system employing pulse code modulation. 2,451,044, Oct. 12.

Pit, Paul A.: *See*—
Heath, William C., and Pitt.

Plummer, Fred L., assignor to Hammond Iron Works, Warren, Pa. Guide construction for movable tank tops. 2,450,986, Oct. 12.

Polidor, Edward C.: *See*—
De Boer, Willis, Betts, and Polidor.

Pollak, Frederick F., New York, N. Y. Recovering albumin adhering to egg shells. 2,451,116, Oct. 12.

Post, Carl B.: *See*—
Fetzer, Maurice C., and Post.

Potter, Robert, Mount Lebanon, assignor to Superior Steel Corporation, Pittsburgh, Pa. Handling and joining cooperating members. 2,450,987, Oct. 12.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Automatic message numbering telegraph transmitter. 2,451,045, Oct. 12.

Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Apparatus and process for the manufacture of mineral wool. 2,450,914, Oct. 12.

Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for forming mineral wool products. 2,450,915, Oct. 12.

Powell, Edward R.: *See*—
Coss, Harold T., and Powell.

Power Brake Equipment Co., assignee: *See*—
Williams, Norman C., and Fishwood.

Precision Methods Co., Inc., assignee: *See*—
De Boer, Willis, Betts, and Polidor.

Precision Scientific Co., assignee: *See* —
Newman, Alexander I.

Price, Leo F., Spokane, Wash. Pulling apparatus. 2,451,117, Oct. 12.

Pritchard, Herbert E., New Orleans, La. Vaporizer. 2,451,238, Oct. 12.

Pure Oil Company, The, assignee: *See*—
Bell, Richmond T.
Bernard, George G., and Bond.

Putnam, Earl R., Grosse Pointe Woods, and F. J. Nefske, Detroit, Mich. Artificial fish bait. 2,450,988, Oct. 12.

Putnam, James B., El Campo, Tex. Internal-combustion motor with pistons symmetrically arranged about cams on the drive shaft. 2,450,912, Oct. 12.

Pyle, Robert A., Lapeer, Mich. Fluid transmission. 2,451,118, Oct. 12.

Queeny, Edgar M., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Thermosetting laminating sirups. 2,451,410, Oct. 12.

Querry, Merle V.: *See*—
Baker, Bernard R., and Querry.

Raasch, Maynard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Saturated polyhaloalkyl sulfides and methods for their preparation. 2,451,411, Oct. 12.

Radio Corporation of America, assignee: *See*—
Brian, Joseph M.
Clammer, Edward S., Ackerman, and Barton.
Eaton, Thomas T.
Evans, John.
Friend, Albert W.
Greig, Harold G.
Heller, Harold P.
Koch, Winfield R.
Leverenz, Humboldt W.
Moore, Arnold R.
Rosencrans, Charles A.
Sanders, Royden C.
Shenk, Eugene R., and Kahn.
Smith, James E.
Smith, Philip T., and Hegbar.
Smith, Rogers M.
Spencer, James A., and Warwick.
Trevor, Bertram.
Weimer, Paul K., Zworykin, and Wolff.
Wolff, Irving.
Zworykin, Vladimir K., and Hillier.

Raffold Process Corporation, assignee: *See*—
Rafton, Harold R.

Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Treatment of pigment comprising calcium carbonate. 2,451,448, Oct. 12.

Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Hobbing machine. 2,451,447, Oct. 12.

Rawson, Emanuel, assignor to Rite-Way Products Company, Chicago, Ill. Stall cock. 2,451,456, Oct. 12.

Rechton, George D., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Hollow rivet for pressural upsetting, method of upsetting, and resulting joint. 2,451,356, Oct. 12.

Reed, Cortes F., Anoka, assignor to Federal Cartridge Corporation, Minneapolis, Minn. Apparatus for stripping pods from milkweed plants. 2,450,917, Oct. 12.

Rees, William J., Trenton, Mich., assignor to National Steel Corporation. Method and mold for casting blast-furnace salamanders. 2,450,989, Oct. 12.

Regan, Maynard T., Lansing, Mich. Towing hitch. 2,451,119, Oct. 12.

Rehberg, Richard A.: *See*—
May, Frederick T., and Rehberg.

Reifschneider, Paul J., Springfield, Pa., assignor to General Electric Company. Shockproof electromagnet with armature. 2,451,239, Oct. 12.

Rembert, Ernest W., Hinsdale, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Coupling pipe. 2,451,046, Oct. 12.

Reuter, Louis F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of vinyl resin. 2,451,174, Oct. 12.

Richardson, Leon W.: *See*—
Gano, Joseph J.

Richbourg, James W., assignor of two-fifths to G. H. Gibson, Vidalia, Ga. Pressure switch. 2,451,412, Oct. 12.

Richter, Richard, Irvington, N. J., and J. J. Miskel, Brooklyn, N. Y., assignors to Nopco Chemical Company, Harrison, N. J. Rubberoid tall oil polymers and process for making the same. 2,451,173, Oct. 12.

Riggen, Theodore K., Elmira, N. Y. Sensitive photoelectric control for signal devices. 2,450,990, Oct. 12.

Risberg, Fred A., Chicago, Ill. Wrapping, banding, and tipping machine. 2,451,175, Oct. 12.

Rite-Way Products Company, assignee: *See*—
Rawson, Emanuel.

Riviera Packing Company, assignee: *See*—
Lowe, Horace.

Roberts, Stiles M.: *See*—
McCleary, Rush F., and Roberts.

Robinson, Albert L., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling device for concentric conductor lines. 2,451,413, Oct. 12.

Rogers, Dilworth T.: *See*—
McNab, John G., and Rogers.

Rohm & Haas Company, assignee: *See*—
Hester, William F., and Craig.

Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Electron discharge device employing cavity resonator apparatus. 2,451,240, Oct. 12.

Rosentreter, Ernest W., De Witt, N. Y., assignor to General Electric Company. Shielded volume control and switch. 2,451,241, Oct. 12.

Ross, Elliott P., Forest Hills, and H. S. Marsh, Great Neck, assignors, by mesne assignments, to Ford Instrument Company, Inc., Long Island City, N. Y. Director firing system. 2,451,357, Oct. 12.

Rossetter, Charles F., Los Angeles, Calif. Cabinet having means for moving compartments vertically and horizontally. 2,451,120, Oct. 12.

Royal, Leslie L., assignor to Belmont Radio Corporation, Chicago, Ill. Control apparatus for radio receivers. 2,450,918, Oct. 12.

Rugg, Edward H.: *See*—
Scott, Carl F., Carlson, and Rugg.

Runnels, Garland D., Seattle, Wash. Powder applicator. 2,450,919, Oct. 12.

Sacchini, Columbus R., Willoughby, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Shaft actuated snap action mechanism for reciprocating expansible chamber motors. 2,451,449, Oct. 12.

St. Pierre, Henry, Worcester, Mass. Making chain links. 2,451,253, Oct. 12.

St. Pierre, Henry, Worcester, Mass. Chain link. 2,451,254, Oct. 12.

St. Pierre, Henry, Worcester, Mass. Chain link and making same. 2,451,255, Oct. 12.

St. Regis Paper Company, assignee: *See*—
Hartman, Carl H.

Sanders, Royden C., Jr., Hightstown, N. J., assignor to Radio Corporation of America. Radar control system. 2,450,991, Oct. 12.

Sanderson, William J., Madison, Wis., assignor to the United States of America as represented by the Secretary of Agriculture. Free-fall aerial container. 2,450,992, Oct. 12.

Santagata, Joseph, Cranston, R. I. Electric motor-driven concrete mixer. 2,450,993, Oct. 12.

Sargisson, Robert L., Berwyn, and H. F. Obergfell, deceased; by A. Obergfell, executrix, River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Impulse transmitter. 2,451,358, Oct. 12.

Saveland, Brown W.: *See*—
Gannett, Joseph K., Smith, Jr., and Saveland.

Schaefer, Norman G., Jersey City, N. J. C-clamp with laterally adjustable arm extensions. 2,450,994, Oct. 12.

Schellman, Joseph H., Ridley Park, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Moisture-proofed plunger snap switch. 2,451,176, Oct. 12.

Schermuly, Alfred J.: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Charles: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, England. Illuminating flare. 2,451,121, Oct. 12.

Schläpfer, Oskar, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Electric generating plant for the drive of vehicles. 2,451,242, Oct. 12.

Schlicksupp, Theodore F., Long Island City, N. Y. Rotary and sliding ball bearing. 2,451,359, Oct. 12.

Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Traverse motion. 2,451,243, Oct. 12.

Schneider, Emmor V., assignor to The Alliance Manufacturing Company, Alliance, Ohio. Idler system for phonograph turntable drives. 2,451,304, Oct. 12.

Schultz, H. O., Inc., assignee: *See*—
Schultz, Henry O.

Schultz, Henry O., assignor to H. O. Schultz, Inc., Milwaukee, Wis. Multiple drill template. 2,451,123, Oct. 12.

Schutz, Harold R., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Apparatus for forming hollow glassware. 2,450,995, Oct. 12.

Scott, Carl F., Milford, C. G. Trumbull, and E. H. Rugg, Bridgeport, Conn., assignors to General Electric Company. Glider tow indicator. 2,451,244, Oct. 12.

Sebotka, Charles M.: *See*—
Mitchell, Hubert R., and Sobotka.

Semegen, Stephen T., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of acrylic ester polymers. 2,451,177, Oct. 12.

Semegen, Stephen T., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of acrylic ester polymers. 2,451,178, Oct. 12.

Seney, John S., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Automatic stop mechanism for warpers. 2,450,996, Oct. 12.

Shand, John A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire cutting and bending press. 2,450,920, Oct. 12.

Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,450,997, Oct. 12.

Shannon, William P., Port St. Joe, Fla. Pressure head box for paper machines. 2,451,305, Oct. 12.

Shell Development Company, assignee: *See*—
Merten, Eugen.
Morris, Rupert C., and Melchior.
Morris, Rupert C., and Shokal.

Shenk, Eugene R., Brooklyn, and A. Kahn, Queens Village, N. Y., assignors to Radio Corporation of America. Low frequency oscillator. 2,451,245, Oct. 12.

Sheppard, Richard H., Hanover, Pa. Cylinder head construction, bridge cooling. 2,450,998, Oct. 12.

Shepherd, Judson O., Atlanta, Ga. Traffic signal control system. 2,451,457, Oct. 12.

Sheridan, Henry M., Erie, Pa., assignor to Apex Tool & Cutter Company, Shelton, Conn. Tool bit and holder therefor. 2,451,246, Oct. 12.

Sherwood, Lester L., Los Angeles, Calif. Attaching transparent envelopes to billfolds. 2,451,122, Oct. 12.

Shoemaker, George E., Ithan, Pa. Terminal for electric discharge tubes. 2,450,999, Oct. 12.

Shokal, Edward C.: *See*—
Morris, Rupert C., and Shokal.

Sight Light Corporation, The, assignee: *See*—
Doane, Leroy C.

Sims, Herman, Brooklyn, N. Y. Adjustable locking shoe lace tip. 2,451,247, Oct. 12.

Sims, Marion W.: *See*—
Alexanderson, Ernst F. W., Mittag, and Sims.

Singer Manufacturing Company, The, assignee: *See*—
Smith, Floyd T.

Sisson, Thomas U., assignor to Training Devices, Inc., Detroit, Mich. Picture film strip projection apparatus. 2,451,306, Oct. 12.

Skehan, Joseph W., Stamford, assignor to Machlett Laboratories, Incorporated, Springdale, Conn. Making grids. 2,451,360, Oct. 12.

Skell, Philip S.: *See*—
Cowan, John C., Falkenburg, Teeter, and Skell.

Skoog, Arvid W.: *See*—
La Brecque, Theodore A., and Skoog.

Skooglund, Arthur C., Clark Township, Union County, and C. C. Swoope, Union, N. J., assignors to Standard Oil Development Company. Polymer recovery from low-temperature polymerization of olefinic material. 2,451,047, Oct. 12.

Slater, Vernon E.: *See*—
Whitehurst, Graham, Slater, Bruno, Hubbard, and Krawitz.

Slatin, Joseph L., Berwyn, Ill. Phonograph-radio switch. 2,451,248, Oct. 12.

Smith, Arthur R.: *See*—
Warren, Glenn B., and Smith.

Smith, Floyd T., Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bearing for electric motors. 2,451,124, Oct. 12.

Smith, James E., Jackson Heights, N. Y., assignor to Radio Corporation of America. Overmodulation alarm. 2,451,361, Oct. 12.

Smith, John E., Plainfield, N. J. Electric space heaters and method of making. 2,450,921, Oct. 12.

Smith, Philip T., and H. R. Hegbar, Princeton, N. J., assignors to Radio Corporation of America. Electron discharge device for ultra high frequencies. 2,451,249, Oct. 12.

Smith, Robert, Jr.: *See*—
Gannett, Joseph K., Smith, and Saveland.

Smith, Rogers M., Merchantville, N. J., assignor to Radio Corporation of America. Repeater indicator for pulse echo distance measuring devices. 2,451,000, Oct. 12.

Snider, Carl J., Dayton, Ohio. Oil regulator test stand. 2,450,922, Oct. 12.

Snyder, Hartland S.: *See*—
Petry, Stanton H., and Snyder.

Snyder, Jacob R., Cleveland, Ohio. Rail holding device. 2,451,414, Oct. 12.

Snyder, Robert E.: *See*—
Allen, Frank M., and Snyder.

Snyder, Rudolph M., assignor to H. A. Johnson, Kansas City, Mo. Lining composition and container wall lined therewith. 2,451,362, Oct. 12.

Societe a responsabilite limitee Fonderie de Precision, assignee: *See*—
Nau-Touron, Albert.

Solar Aircraft Company, assignee: *See*—
Heath, William C., and Pitt.

Sonner, Edwin W., Jr., Queens Village, N. Y. Fishing rod holder and bait digging apparatus. 2,451,363, Oct. 12.

South, Chester, assignor to Bear Manufacturing Company, Rock Island, Ill. Clamp for frame straightening machines. 2,451,307, Oct. 12.

Southern Steel Company, assignee: *See*—
White, Loyd J.

Sparks, William J., Cranford, N. J., and D. C. Field, Baton Rouge, La., assignors to Standard Oil Development Company. Lubricating oil addition agents. 2,451,048, Oct. 12.

Spector, Ralph, Kansas City, Mo. Garment and collar combination. 2,451,364, Oct. 12.

Spence, Hubert L., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Railway car draft gear. 2,451,415, Oct. 12.

Spencer, James A., Teaneck, N. J., and J. C. Warwick, Jr., Beechhurst, Long Island, N. Y., assignors to Radio Corporation of America. Record tape advancing device. 2,451,365, Oct. 12.

Sperry Corporation, The, assignee: *See*—
Antony, Charles, Jr.
Braddon, Frederick D.
Costa, Philip J.
Dawson, Edward, and Ericson.
Hansen, William W., and Woodyard.
Newton, John C., and Halpert.

Speiser, Leda I., Chicago, Ill., now by marriage, L. I. Lash. Brassière. 2,451,001, Oct. 12.

Spiro, Edward H., Jr., New York, N. Y. Combination mattress cover and blanket retainer. 2,450,923, Oct. 12.

Sporing, Percy A., Hampton Hill, and C. P. Johnson, Hanwell, assignors to The Telegraph Condenser Company Limited, North Acton, England. Tubular container for electrical condensers or other apparatus. 2,451,125, Oct. 12.

Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Weather strip. 2,451,450, Oct. 12.

Springer, Hans, Ashland, Mass., assignor to Telechron, Inc. Elapsed time indicator. 2,451,250, Oct. 12.

Staaf, Werner I., Rennerdale, Pa. Electrical device. 2,451,308, Oct. 12.

Standard Oil Development Company, assignee: *See*—
Beach, Leland K.
Bark, Robert E.
Davis, Garland H. B.
Ellender, Harold L.
Fasce, Egi V., and Wood.
Green, Arthur D.
Martin, John R., and Burrell.
McNab, John G., and Rogers.
Mikeska, Louis A.
Morway, Arnold J., and Zimmer.
Mottern, Henry O., and Mistretta.
Murphree, Eger V.
Skooglund, Arthur C., and Swoope.
Sparks, William J., and Field.
Tongberg, Carl O.

Standard Telephones and Cables Limited, assignee: *See*—
Foulkes, Christopher H.

Steffes, Henry J., Great Falls, Mont. Handy scaffold bracket. 2,451,179, Oct. 12.

Stein, Emil H., assignee: *See*—
Elfner, Henry L.

Steiner, Frank G., Miami Beach, Fla., and R. G. Birr, Lombard, Ill., assignors, by mesne asignments, to American Linen Supply Co., Carson City, Nev. Towel dispensing device. 2,451,251, Oct. 12.

Sterling Injection Molding, Inc., assignee: *See*—
Marquardt, Carl G.

Stewart-Warner Corporation: *See*—
Heymann, Seymour R., Leslie, and Marshall.
Norman, Horace M.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the polymerization of butadiene-1,3 hydrocarbons. 2,451,180, Oct. 12.

Stilwell, William E., Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Electromagnetic switch. 2,450,924, Oct. 12.

Stoeckly, Eugene E., Marblehead, Mass., assignor to General Electric Company. Flexible conduit joint. 2,451,252, Oct. 12.

Stop-Motion Devices Corp., assignee: *See*—
Vossen, Edward.

Strickland, Howard L., Clinton, S. C. Film spool switch. 2,451,256, Oct. 12.

Stringfield, Raymond B., Los Angeles, Calif., and T. R. Miles, Fort Worth, Tex., assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Translucent sheet for reproduction purposes. 2,451,126, Oct. 12.

Stupakoff Ceramic & Manufacturing Company, assignee: *See*—
Tell, Alta W.

Sturtevant, Mark J., assignor to Wingfoot Corporation, Akron, Ohio. Salvage apparatus. 2,451,002, Oct. 12.

Sulzer Freres, Societe Anonyme, assignee: *See*—
Schlapfer, Oskar.

Sun Shipbuilding & Dry Dock Company, assignee: *See*—
Burke, Richard L.

Super-Cut, Inc., assignee: *See*—
Metzger, Leopold H., and Fontozzi.

Superior Steel Corporation, assignee: *See*—
Potter, Robert.

Sussky, William C.: *See*—
Bliss, Harding, and Sussky.

Suter, Chester M.: *See*—
Albertson, Nole F., Archer, and Suter.

Swartsman, Morris, Brooklyn, N. Y. Dental floss holder. 2,451,181, Oct. 12.

Swoope, Charles C.: *See*—
Skooglund, Arthur C., and Swoope.

Syrjala, Irene E., Mount Clemens, Mich. Safety device for firearms. 2,451,003, Oct. 12.

Taft, George H., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composite article. 2,451,182, Oct. 12.

Talbot Mills, Inc., assignee, trustee: *See*—
Hayes, Edward F.

Tantimonaco, Leonardo, West Haven, Conn. Blood extracting apparatus. 2,451,183, Oct. 12.

Tarwater, Lawson, assignor of one-half to E. G. Witmer, Redlands, Calif. Rail anchor. 2,451,127, Oct. 12.

Tate, Malcolm C., Stamford, Conn., assignor to Baldwin Locomotive Works. Weighing system. 2,451,451, Oct. 12.

Taylor, William H.: *See*—
Jorgensen, Clarence H., and Taylor.

Teeter, Howard M.: *See*—
Cowan, John C., Falkenburg, Teeter, and Skell.

Telechron, Inc., assignee: *See*—
Springer, Hans.

Telegraph Condenser Company Limited, The, assignee: *See*—
Sporing, Percy, Archibald, and Johnson,

Teletype Corporation, assignee: *See*—
Potts, Louis M.

Tell, Alta W., Ligonier, assignor to Stupakoff Ceramic & Manufacturing Company, Latrobe, Pa. Abrasive pneumatic finishing machine. 2,451,049, Oct. 12.

Temple, Robert B.: *See*—
Eksergian, Carolus L., and Temple, and Harle.

Terry, Matson C., Rydal, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Air conditioning apparatus. 2,451,366, Oct. 12.

Texas Company, The, assignee: *See*—
McCleary, Rush F., and Roberts.

Thiesse, Carl E., Porterville, Calif. Material distributor. 2,451,128, Oct. 12.

Thomas, Frank M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Intermittent drive device. 2,451,416, Oct. 12.

Thompson, James R., Shaker Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Steel wool. 2,451,417, Oct. 12.

Thompson Products, Inc., assignee: *See*—
Booth, James H.

Thunberg, Leander O., Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Feed claw and shutter movement for motion-picture mechanisms. 2,451,452, Oct. 12.

Thurston, Ernest B., assignor to The Haughton Elevator Company, Toledo, Ohio. Hoisting motor control system. 2,451,257, Oct. 12.

Thynell, Gustave M., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Telemetering apparatus of the impulse-duration class. 2,451,129, Oct. 12.

Tillman, Ferdinand J., St. Louis, Mo. Carriage controlled stop setting and key operating mechanism for typewriting machines. 2,450,925, Oct. 12.

Tinnerman Products, Inc., assignee: *See*—
Hartman, Richard A.

Tongberg, Carl O., Westfield, N. J., assignor to Standard Oil Development Company. Olefin extraction. 2,451,050, Oct. 12.

Townsend, Sidney A., Bennettsville, S. C. Cotton-picking machine. 2,451,130, Oct. 12.

Training Devices, Inc., assignee: *See*—
Sisson, Thomas U.

Tree, George, Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Method of and apparatus for reducing visible vapors above open vats and the like. 2,451,418, Oct. 12.

Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Sealed antenna. 2,451,258, Oct. 12.

Triplett Electrical Instrument Company, assignee: *See*—
Lingel, Frederick J.

Tronic, Max, Worcester, Mass. Sleeve board having a lowered inoperative position and having a raised and locked operative position. 2,451,259, Oct. 12.

Tubbs, Riley R., Great Bend, Kans. Sanitary pipe clean-out device. 2,451,051, Oct. 12.

Tucker, William G., Ludlow, Vt. Intermediate feed for carding machines. 2,451,260, Oct. 12.

Tuxhorn, Blaine M., Kansas City, Mo. Apparatus for controlling rotation of vehicle wheels. 2,451,453, Oct. 12.

Twamley, William E., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Feed mechanism. 2,451,367, Oct. 12.

Union Switch & Signal Company, The, assignee: *See*—
Beall, Charles R.

United Aircraft Corporation, assignee: *See*—
Jarvis, Harold T.
Martin, Erle.

United Shoe Machinery Corporation, assignee: *See*—
Ashworth, Fred, and Carter.
Eastman, Fred C.
Goodhue, William V., and Carter.
Hart, George T.
Lancaster, John T.

United States Gypsum Company, assignee: *See*—
Parsons, Joseph R.

United States Rubber Company, assignee: *See*—
Foster, Boutwell H.
Gates, Charles W., and Howey.

United States Stoneware Company, assignee: *See*—
Chamberlain, James M. W.

United Steel Fabricators, Inc., assignee: *See*—
Macleod, Donald K.

Universal Oil Products Company, assignee: *See*—
Wenzke, Herman H.

Universal Wire Spring Company, assignee: *See*—
Blumensaadt, Svend G., and Bielak.

Van Antwerp, George S., Norristown, Pa. Sectionalized aerial duct. 2,451,004, Oct. 12.

Vanity Fair Mills, Inc., assignee: *See*—
Young, George O.

Van Norman Company, assignee: *See*—
White, Charles E.

Victor Adding Machine Co., assignee: *See*—
Petry, Stanton H., and Snyder.

Vidal Corporation, assignee: *See*—
Vidal, Eugene L., and Marhoefer.

Vidal, Eugene L., Washington, D. C., and L. J. Marhoefer, Haddon Heights, assignors to Vidal Corporation, Camden, N. J. Making reinforced structures. 2,451,131, Oct. 12.

Vincent, Jesse G., Grosse Pointe Park, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,451,132, Oct. 12.

Vinyard, Roy M., Portland, Oreg. Duplex micrometer gauge. 2,451,419, Oct. 12.

Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Yarn carrier stop motion. 2,451,133, Oct. 12.

Wachman, Morris: *See*—
Berger, Joseph, and Wachman.

Waernhoff, Ernst T.: *See*—
Flate, Harold, Waernhoff, and Franson.

Wagner, Robert L., Niagara Falls, N. Y., assignor to The Linde Air Products Company. Thermochemical removal of metal with a flux-forming powder in the oxygen cutting stream. 2,451,422, Oct. 12.

Waldie, Earl S., assignee: *See*—
Lechinsky, Francis P.

Walker, Joseph F.: *See*—
Bair, Robert R., Benner, and Walker.

Walldov, Gustav A., Marlboro, N. J. Poultry food. 2,451,134, Oct. 12.

War, the United States of America, as represented by the Secretary of, assignee: *See*—
Aiken, Elmer W.
Fix, Eugene J.
Hart, John J.

Ward, Frank A., Baltimore, Md. Time switch. 2,451,135, Oct. 12.

Warren, Glenn B., and A. R. Smith, Schenectady, N. Y., assignors to General Electric Company. High and low pressure turbine rotor cooling arrangement. 2,451,261, Oct. 12.

Warwick, James C.: *See*—
Spencer, James A., and Warwick.

Watkins, William B., Norfolk, Va. Adjustable golf club. 2,451,262, Oct. 12.

Watkins, William W., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial yarns and process of producing the same. 2,451,420, Oct. 12.

Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective device and the manufacture thereof. 2,451,184, Oct. 12.

Watter, Michael, assignor to The Budd Company, Philadelphia, Pa. Method of fabricating airfoils. 2,451,454, Oct. 12.

Watter, Michael, assignor to The Budd Company, Philadelphia, Pa. Aircraft airfoil construction. 2,451,458, Oct. 12.

Waugh Equipment Company, assignee: *See*—
Berman, Samuel.

Wayman, Albert J., Youngstown, Ohio. Coupling device. 2,451,421, Oct. 12.

Webb, Donald R., Schenectady, N. Y., assignor to General Electric Company. Power boost control system. 2,451,263, Oct. 12.

Weimer, Paul K., V. K. Zworykin, Princeton, and I. Wolff, Manasquan, N. J., assignors to Radio Corporation of America. Cathode-ray storage tube apparatus and method of operation. 2,451,005, Oct. 12.

Weinig, Friedrich S., Stuttgart-Moehringen, Germany. Parachute made of self-supporting ribbons which are composed of broad and narrow bands. 2,450,926, Oct. 12.

Wellman, S. K., Company, The, assignee: *See*—
Wellman, Samuel K.

Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Applying powdered metal briquettes to curved metallic surfaces. 2,451,264, Oct. 12.

Wenzke, Herman H., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of normally gaseous mixtures. 2,451,136, Oct. 12.

Wescott, John E., Hagerstown, Md., assignor to Fairchild Engine and Airplane Corporation. Aircraft landing gear lock. 2,451,265, Oct. 12.

West, William L., Belmont, N. C. Helicopter roundabout. 2,451,006, Oct. 12.

Western Electric Company, Incorporated: *See*—
Detuno, Rocco J.
Maxson, Gordon J.
Shand, John A.

Westinghouse Electric Corporation, assignee: *See*—
Halfvarson, Gustaf A.
Jernstedt, George W.
May, Frederick T., and Rehberg.
Watrous, Ward W., Jr.

Whaley, Atherton M., Columbia, S. C. Fluorinated products and process. 2,451,185, Oct. 12.

White, Charles E., Ashburnham, assignor, by mesne assignments, to Van Norman Company, Springfield, Mass. Contour grinding machine for work pieces each having a hollow spherical section. 2,451,137, Oct. 12.

White, Gertrude K., Philadelphia, Pa. Baby strap. 2,451,007, Oct. 12.

White, John F.: *See*—
White, Le Roy J. and J. F.

White, Le Roy J. and J. F., Wilmington, Del. Hose handling apparatus. 2,451,368, Oct. 12.

White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Vaporizer for two-stage liquefied petroleum gas dispensing systems. 2,451,309, Oct. 12.

Whitehurst, Graham, Glendale, V. E. Slater, Los Angeles, G. F. Bruno, Montebello, and J. M. Hubbard, and G. P. Krawitz, Los Angeles, Calif. Truck loader. 2,451,138, Oct. 12.

Whitin Machine Works, assignee: *See*—
Schluma, Otto W.

Whittemore, Leslie E., Dorchester, Mass. Telescope sight mount for shoulder arms. 2,451,266, Oct. 12.

Wickwire Brothers, Inc., assignee: *See*—
Wickwire, Charles C.

Wickwire, Charles C., assignor to Wickwire Brothers, Inc., Cortland, N. Y. Art of welding wire-mesh fabrics. 2,451,423, Oct. 12.

Widmer, Gustave, Basel, and W. Hertner, Pratteln, assignors to Ciba Limited, Basel, Switzerland. Glue composition containing vetch seed meal. 2,451,186, Oct. 12.

Wilde, Arthur, assignee, et al.: *See*—
Groves, Martin V.

Wilder, James W. S., Levelland, Tex. Locking spider for wall switches and the like. 2,451,267, Oct. 12.

Williams, Ernest, Edwight, W. Va. Endless-type conveyer for coal and the like. 2,451,424, Oct. 12.

Williams, Norman C., and R. W. Fishwood, assignors to Power Brake Equipment Co., Portland, Oreg. Automatic control instrument. 2,451,139, Oct. 12.

Williams, William W., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Reaction jet system for aircraft control. 2,451,008, Oct. 12.

Williams, William W., Buffalo, and H. L. Bowers, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft control surface. 2,451,009, Oct. 12.

Willson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Crank arm and driving block means. 2,451,455, Oct. 12.

Wilson, Allen R.: *See*—
Nancarrow, Harry L., and Wilson.

Winthrop-Stearns Inc., assignee: *See*—
Albertson, Noel F., Archer, and Suter.

Wingfoot Corporation, assignee: *See*—
Sturtevant, Mark J.

Witmer, Earl G., assignee: *See*—
Tarwater, Lawson.

Wittcoff, Edward, University City, assignor to Caradine Hat Company, St. Louis, Mo. Headwear. 2,451,140, Oct. 12.

Wolff, Irving: *See*—
Weimer, Paul K., and Zworykin, and Wolff.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Object detecting device. 2,351,141, Oct. 12.

Wood Conversion Company, assignee: *See*—
Heritage, Clark C.

Wood, John, Manufacturing Company, Inc., assignee: *See*—
Willson, David S.

Wood, William H.: *See*—
Fasce, Egi V., and Wood.

Woodruff, Albert E.: *See*—
Blair, William R., and Woodruff.

Woodyard, John R.: *See*—
Hansen, William W., and Woodyard.

Yale & Towne Manufacturing Company, The, assignee: *See*—
Aubrey, William M.

Yanchenko, Basil J., assignor, by mesne assignments, to G. A. Braun, Inc., Syracuse, N. Y. Safety locking and unlocking two-hand control. 2,451,010, Oct. 12.

Yarin, Irving H., Chelsea, Mass. Igniter. 2,451,369, Oct. 12.

Yoars, Fred P., New Orleans, La. Apparatus for filling containers. 2,451,011, Oct. 12.

York Corporation, assignee: *See*—
Groat, Keith P.

Young, George O., Robesonia, assignor to Vanity Fair Mills, Inc., Reading, Pa. Thread guide bar mounting for knitting machines. 2,451,187, Oct. 12.

Zalkind, Philip, New York, N. Y. File cabinet interlock and reinforcing elements. 2,451,012, Oct. 12.

Zimmer, John C.: *See*—
Morway, Arnold J., and Zimmer.

Zimmern, Benno, New York, N. Y. Bag. 2,451,142, Oct. 12.

Ziskal, Joseph F., Cicero, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Apparatus for controlling selective delivery of fluid from a continuous delivery source to a fluid-driven motor. 2,451,013, Oct. 12.

Zworykin, Vladimir K.: *See*—
Weimer, Paul K., Zworykin, and Wolff.

Zworykin, Vladimir K., Princeton, and J. Hillier, Cranbury, N. J., assignors to Radio Corporation of America. Optophone. 2,451,014, Oct. 12.

LIST OF PLANT INVENTIONS

Apricot tree. M. E. Francisco. 808, Oct. 12.

LIST OF DESIGN INVENTIONS

Accessory unit for cooking stoves, Splash panel. R. I. Felver. 151,339, Oct. 12.
Aerial toy. N. B. Ruczynski. 151,412, Oct. 12.
Airplane. R. C. Coates. 151,327, Oct. 12
Airplane E. H. Heinemann and L J. Devlin. 151,346, Oct. 12.
Ash tray. A. L. Duckwall, Jr. 151,334, Oct. 12.
Ash tray and cigarette holder, Combined. L. Sanchez and T. E. Lord. 151,413, Oct. 12.
Bathing suit. M. A. De Weese. 151,331–2, Oct. 12.
Bathing suit. M. Solomon. 151,415, Oct. 12.
Bowling game device and ash tray, Combined. J. D. Nagel and W. Lang. 151,385, Oct. 12.
Bracelet or similar article. A. Katz. 151,361–3, Oct. 12.
Bracelet or similar article. A. Katz. 151,367, Oct. 12.
Brooch or similar article. M. Duvalet. 151,335, Oct. 12.
Brooch or similar article. A. Katz. 151,358–60, Oct. 12.
Brooch or similar article. A. Katz. 151,365–6, Oct. 12.
Brooch or similar article. A. Philippe. 151,389–91, Oct. 12.
Brooch or similar article. A. Philippe. 151,393–9, Oct. 12.
Brooch or similar article. R. Pomatti. 151,401, Oct. 12.
Brooch or similar article. H. M. Rogers. 151,409, Oct. 12.
Brooch or similar article, Separable. A. Katz. 151,364, Oct. 12.
Brush, Denture. P. B. Brandt. 151,319, Oct. 12.
Cabinet or similar article, Vending machine. H. G. Nissen. 151,386, Oct. 12.
Cabinet, Radio receiver. J. O. Reinecke. 151,406, Oct. 12.
Camp trailer. J. M. Poche. 151,400, Oct. 12
Case and lighter, Combined cigarette. A. F. Fukal. 151,341, Oct. 12.
Casket, Burial. A. T. Thygeson and P. Schladermundt. 151,421, Oct. 12.
Chair, Child's. D. O. Benson. 151,317, Oct. 12.
Clip or similar article. A. Philippe. 151,392, Oct. 12.
Clothes hanger L. S. Keefer. 151,372, Oct. 12.
Dispenser, Cigarette. C. Kutik. 151,376, Oct. 12.
Display case, Merchandise. H. P. Glass. 151,342, Oct. 12.
Display lamp, Merchandising counter. C. S. Rosenberg. 151,411, Oct. 12.
Doll, Child's. H. R. Farnam and B. S. Wheeler. 151,338, Oct. 12.
Dome light for automotive vehicles, External. M. J. Kately and E. M. Peckwas. 151,351, Oct. 12.
Door handle or similar article for an automobile vehicle, Outside. G. M. Haviland. 151,345, Oct. 12.
Door handle or similar article for an automotive vehicle, Outside. C. M. MacKichan. 151,379, Oct. 12.
Dough extrusion device or like article. S. Cenci. 151,322, Oct. 12.
Drawer pull. W. A. Kendall. 151,373–4, Oct. 12.
Dress. J. L. Asteroff. 151,316, Oct. 12
Dress G. Constantine. 151,329, Oct. 12.
Earring or the like. M. Chernow. 151,325–6, Oct. 12.
Earring or similar article. A. Philippe. 151,387–8, Oct. 12.

Fountain, Portable electric. L. P. Weil. 151,423, Oct. 12.
Frame, Picture. G. R. Arons. 151,315, Oct. 12.
Grill, Barbecue. W. R. Hathaway. 151,344, Oct. 12.
Grill guard for automobile radiators. E. A. Rehrmann. 151,405, Oct. 12.
Hammer, Metal straightening. N. Leskin. 151,378, Oct. 12.
Hanger or similar article. J. Read. 151,404, Oct. 12.
Helicopter. W. S. Hoover. 151,347, Oct. 12.
High chair and baby walker, Combined J. D. Sverdlik. 151,417, Oct. 12.
Hobby horse. C. B. Dobson. 151,333, Oct. 12.
Iron, Electric. F. W. Busch. 151,321, Oct. 12.
Lamp and flower pot, Combined. M. Rerea. 151,407, Oct. 12.
Lighter, Cigarette. A. J. Flauder. 151,340, Oct. 12.
Link chain for a necklace or similar article. M. Rahthus. 151,403, Oct. 12.
Loud speaker and shelter therefor, Combined. E. W. La Barre. 151,377, Oct. 12.
Louver, Automobile hood. N. J. De Sanders. 151,330, Oct. 12.
Mounting, Picture. H. G. Koltnow. 151,375, Oct. 12.
Necklace or similar article. A. Katz. 151,352–7, Oct. 12.
Necklace or similar article. A. Katz. 151,368–71, Oct. 12.
Necktie. D. Margolis and S. Weisblatt. 151,380, Oct. 12.
Ornament, Dress. H. Wapnick. 151,422, Oct. 12.
Oven and grill, Combined C. L. Moffat. 151,384, Oct. 12.
Phonograph. M. Mayerson. 151,381, Oct. 12.
Pin. W. J. Jorgenson 151,348, Oct. 12.
Radio and bed lamp, Combined. L. R. Brothers. 151,320, Oct. 12.
Rail for Venetian blinds, Lower H. S. Rosenbaum. 151,410, Oct. 12.
Recorder, Facsimile. W. D. Teague. 151,418–20, Oct. 12.
Scale. E. C. Karp. 151,350, Oct. 12
Sharpener, Knife B. L. Chapin, N. L. Davis, and T. H. Cabot, Jr. 151,324, Oct. 12.
Sharpener, Scissors. B. L. Chapin, N. L. Davis, and T. H. Cabot, Jr. 151,323, Oct. 12.
Sight, Shot gun. K. D. Richards. 151,408, Oct. 12.
Sled. C. W. Sundberg. 151,416, Oct. 12
Slicer, Vegetable. F. R. Smith. 151,414, Oct. 12.
Socket, Angle. C. J. Adams and H. Z. Benton. 151,314, Oct. 12.
Sprayer. C. E. Meyerhoefer 151,383, Oct 12.
Stand, Portable collapsible motion picture projection screen. H. E. Eller. 151,337, Oct. 12.
Table and bookholder, Combined. M. L. Eckman. 151,336, Oct. 12.
Tie-rack. T. J. Ragland. 151,402, Oct. 12.
Toy, Mechanical. S. I. Berger. 151,318, Oct. 12.
Trailer. W. Josephian. 151,349, Oct. 12.
Tray. J. S. Connors. 151,328, Oct. 12.
Tray for desk articles. G. G. Greger. 151,343, Oct. 12.
Water craft. E. Melton. 151,382, Oct. 12.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 12TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive pneumatic finishing machine. A. W. Tell. 2,451,049, Oct. 12.
Abrasive wheel. L. H. Metzger and V. J. Fantozzi. 2,451,295, Oct. 12.
Acetylene from diolefin-containing mixtures, Removal of. E. V. Fasce and W. H. Wood. 2,451,327, Oct. 12.
Acid esters of petroleum phenols, Phosphorus. L. A. Mikeska. 2,450,903, Oct. 12.
Acoustical structure. A. D. Park and N. A. Johnson. 2,450,911, Oct. 12.
Acrylic ester polymers, Treatment of. S. T. Semegen. 2,451,177–8, Oct. 12.
Activation of anion exchangers in sugar purification. W. A. Blann. 2,451,272, Oct. 12.
Actuating device, Fluid pressure operated. M. V. Groves. 2,451,334, Oct. 12.
Actuator and control assembly for retractable landing gears. R. M. Nardone. 2,451,109, Oct. 12.
Aerial bomb. G. M. O'Rear. 2,450,910, Oct. 12.
Aerial duct, Sectionalized. G. S. Van Antwerp. 2,451,004, Oct. 12.
Air clearing fan, Portable. J. L. Brandenburg. 2,451,193, Oct. 12.
Air conditioning apparatus. M. C. Terry. 2,451,366, Oct. 12.
Aircraft airfoil construction. M. Watter. 2,451,458, Oct. 12.
Aircraft control surface. W. W. Williams and H. L. Bowers. 2,451,009, Oct. 12.
Aircraft landing gear lock. J. E. Wescott. 2,451,265, Oct. 12.
Alarm, Overmodulation. J. E. Smith. 2,451,361, Oct. 12.
Albumin adhering to egg shells, Recovering. F. F. Pollak. 2,451,116, Oct. 12.
Alkyl cyanides, Production of. L. K. Beach. 2,451,314, Oct. 12.
Alkyl esters of α-acylamino, α-cyano, β-(3-indole)-propionic acid. N. F. Albertson, S. Archer, and C. M. Suter. 2,451,310, Oct. 12.
Alkyl-N-substituted polymeric styrene maleamic acids and dispersions containing them, Long-chain secondary. W. L. Alderson, Jr. 2,451,370, Oct. 12.
Amplifier system, Voltage regulating. R. J. Detuno. 2,451,021, Oct. 12.
Anchor, Implement. E. Goin. 2,451,163, Oct. 12.
Anchor, Rail. L. Tarwater. 2,451,127, Oct. 12.
Antenna, Sealed. B. Trevor. 2,451,258, Oct. 12.
Antenna tuning system, Directional. W. G. H. Finch. 2,451,078, Oct. 12.
Antiseptic composition, Color changing. F. C. Dohrmann. 2,451,022, Oct. 12.
Apparatus for controlling rotation of vehicle wheels. B. M. Tuxhorn. 2,451,453, Oct. 12.
Apparatus for controlling selective delivery of fluid from a continuous delivery source to a fluid-driven motor. J. F. Ziskal and W. O. Bechman. 2,451,013, Oct. 12.
Apparatus for desiccation. O. Bieber. 2,451,316, Oct. 12.
Apparatus for extracting vegetable oil. L. L. Ford. 2,451,081, Oct. 12.
Apparatus for filling containers. F. P. Yoars. 2,451,011, Oct. 12.
Apparatus for forming hollow glassware. H. R. Schutz. 2,450,995, Oct. 12.
Apparatus for forming mineral wool mats. H. T. Coss and E. R. Powell. 2,450,916, Oct. 12.
Apparatus for handling loads. J. H. Kemp, Jr. 2,451,226, Oct. 12.
Apparatus for making tubs or the like. R. M. Chesney. 2,450,937, Oct. 12.
Apparatus for melting and casting glass. J. F. G. Hicks and C. F. Henkel. 2,451,086, Oct. 12.
Apparatus for orientation. E. Merten. 2,451,443, Oct. 12.
Apparatus for producing artificial fog. G. H. B. Davis. 2,451,019, Oct. 12.
Apparatus for stripping pods from milkweed plants. C. F. Reed. 2,450,917, Oct. 12.
Apparatus for surface treating small objects. A. Keck. 2,451,391, Oct. 12.
Apparatus for the continual production of electrically welded tubes. A. Drayer. 2,451,159, Oct. 12.
Apparatus for the molding of butter and like products. J. O'Connell. 2,451,301, Oct. 12.
Applicator, Powder. G. D. Runnels. 2,450,919, Oct. 12.
Arrester for blast furnaces, Dust. R. M. McKelvey. 2,450,976, Oct. 12.
Artificial teeth, Making. R. W. Erdle. 2,450,885, Oct. 12.
Artificial yarns and producing the same. W. W. Watkins. 2,451,420, Oct. 12.
Attenuator for ultra high frequencies. S. C. Clark, Jr. 2,451,201, Oct. 12.

Automatic shutoff valve. B. W. Copeland. 2,450,938, Oct. 12.
Automobile transporting truck. E. V. Garnett. 2,451,284, Oct. 12.
Bag. B. Zimmern. 2,451,142, Oct. 12.
Baler, Hay. I. E. Allison. 2,450,928, Oct. 12.
Ball caster. W. H. Newell. 2,451,353, Oct. 12.
Battery plates, Reconditioning. A. L. Hindall. 2,451,087, Oct. 12.
Bearing: *See*—
Pillow block bearing.
Rotary and sliding ball bearing.
Bearing for electric motors. F. T. Smith. 2,451,124, Oct. 12.
Bed frame and detachable grinding roller unit. J. Z. Bernard. 2,451,057, Oct. 12.
Bed lamp. R. E. Dike. 2,451,157, Oct. 12.
Belt or chain, Apparel. C. G. Marquardt. 2,451,397, Oct. 12.
Beverage package and apparatus. W. F. Brown. 2,451,195. Oct. 12.
Bib. I. Mink. 2,451,038, Oct. 12.
Bicycle and like vehicles. W. Moller. 2,450,979, Oct. 12.
Bit and holder therefor, Tool. H. M. Sheridan. 2,451,246, Oct. 12.
Blade construction, Propeller. E. Martin. 2,451,106, Oct. 12.
Blast-furnace salamanders, Method and mold for casting. W. J. Rees. 2,450,989, Oct. 12.
Blood extracting apparatus. L. Tantimonaco. 2,451,183, Oct. 12.
Board game device. M. Bruck. 2,451,196, Oct. 12.
Boiler. M. C. Crotty. 2,451,321, Oct. 12.
Bomb, Aerial. G. M. O'Rear. 2,450,910, Oct. 12.
Bottle cap. S. Gattuccio and L. G. Cerruti. 2,450,949, Oct. 12.
Bottle caps, Applying. E. M. Bright. 2,451,273, Oct. 12.
Bottle holder. P. E. Allen. 2,450,927, Oct. 12.
Box: *See*—
Combined dispensing and blade holding box.
Stuffing box.
Brace, Adjustable fender skirt. A. R. Hayes. 2,450,958, Oct. 12.
Bracket: *See*—
Easel bracket.
Handy scaffold bracket.
Window bracket.
Brake: *See*—
Hand brake.
Internal expanding vehicle brake.
Brake pedal lock. R. D. Downing. 2,450,943, Oct. 12.
Brake shoe assembly. C. L. Eksergian and P. W. Gaenssle. 2,451,326, Oct. 12.
Brake shoe assembly, Cushioned disk. P. W. Gaenssle. 2,451,329, Oct. 12.
Brassière. L. I. Speiser. 2,451,001, Oct. 12.
Bridge for junction boxes. H. Kershaw. 2,451,393, Oct. 12.
Bright zinc plating. R. R. Bair, H. L. Benner, and J. F. Walker. 2,451,426, Oct. 12.
Briquettes to curved metallic surfaces, Applying powdered metal. S. K. Wellman. 2,451,264, Oct. 12.
Bulldozer attachment for jeeps. G. W. Mork. 2,450,905, Oct. 12.
Bulldozer-loader device. F. P. Leschinsky. 2,451,101, Oct. 12.
Butadiene, Production of. E. V. Murphree. 2,451,040, Oct. 12.
Button of thermosetting synthetic resinous materials, Molded integral sewing hole. S. Emsig. 2,451,077, Oct. 12.
C-clamp with laterally adjustable arm extensions. N. G. Schaefer. 2,450,994, Oct. 12.
Cabin control, Pressure. J. B. Cooper and A. B. Jepson. 2,450,881. Oct. 12.
Cabin pressure regulator valve. H. Cruzan. 2,451,278, Oct. 12.
Cabinet, chest, and similar article. L. Gersten. 2,451,211, Oct. 12.
Cabinet having means for moving compartments vertically and horizontally. C. F. Rossetter. 2,451,120, Oct. 12.
Cabinet interlock and reinforcing elements, File. P. Zalkind. 2,451,012, Oct. 12.
Cables for terminal banks, Making multiple. R. F. Mallina. 2,450,974, Oct. 12.
Calcining and calcining apparatus. T. R. Ellerbeck. 2,451,024, Oct. 12.
Camera attachment for making lap dissolves, Movie. V. Aldreany. 2,451,017, Oct. 12.

Cap: *See*—
Bottle cap.
Carriage controlled stop setting and key operating mechanism for typewriting machines. F. J. Tillman. 2,450,925, Oct. 12.
Carriage, Patient transfer. G. C. Letch. 2,450,971, Oct. 12.
Cartons, Shipping, storage, and display. W. B. Crane. 2,450,941, Oct. 12.
Case: *See*—
Key case.
Casing structure, Handbag. L. B. Carder. 2,451,274, Oct. 12.
Casting apparatus, Centrifugal. T. Loew. 2,451,103, Oct. 12.
Catalyst for normal paraffins, Preparing an isomerization. R. E. Burk. 2,451,018, Oct. 12.
Catalysts for the polymerization of butadiene-1.3 hydrocarbons. W. D. Stewart. 2,451,180, Oct. 12.
Catalytic cracking and reforming the production of aviation gasoline. E. V. Murphree. 2,451,041, Oct. 12.
Centrifugal pump. F. C. Jones. 2,451,030, Oct. 12.
Chain link. H. St. Pierre. 2,451,254, Oct. 12.
Chain link and making same. H. St. Pierre. 2,451,255, Oct. 12.
Chain links, Making. H. St. Pierre. 2,451,253, Oct. 12.
Chain lock. A. Lecompte. 2,451,100, Oct. 12.
Checkerwork and brick therefor. T. H. Kennedy. 2,451,392, Oct. 12.
Chuck. W. V. Bault. 2,450,931, Oct. 12.
Chuck for automatic machine tools. R. M. Gamble. 2,451,210, Oct. 12.
Chuck for internal grinders. H. C. Lance and H. A. Hippen. 2,450,970, Oct. 12.
Circuit: *See*—
Grid-controlled rectifier circuit.
Clamp. L. O. Habicht. 2,450,891, Oct. 12.
Clamp assembly. J. H. Booth. 2,451,062, Oct. 12.
Clamp for frame straightening machines. C. South. 2,451,307, Oct. 12.
Clamps for marginal bonding with high-frequency electric field, Electrode retaining. G. T. Hart. 2,450,956, Oct. 12.
Closure, Nonrefillable bottle. H. W. Hagen. 2,451,336, Oct. 12.
Closures for gusseted paper bags, Sealing of. C. H. Hartman. 2,451,165, Oct. 12.
Coating composition, Thermoplastic. L. J. Gold. 2,451,212, Oct. 12.
Cock, Stall. E. Rawson. 2,451,456, Oct. 12.
Coil former. R. B. James. 2,451,222, Oct. 12.
Coin-receiving structure. L. Hoyt. 2,451,088, Oct. 12.
Collimator apparatus for testing the gyroscope and optical system of bomb-sights, Portable. S. H. Petry and H. S. Snyder. 2,451,409, Oct. 12.
Combination clamp and closure. G. W. Oakes. 2,451,405, Oct. 12.
Combined dispensing and blade holding box. A. G. Davis. 2,451,382, Oct. 12.
Communication system employing pulse code modulation. J. R. Pierce. 2,451,044, Oct. 12.
Composite article. G. H. Taft. 2,451,182, Oct. 12.
Compression member. W. G. Mitchell. 2,451,234, Oct. 12.
Compressor pump. B. R. Burke. 2,451,379, Oct. 12.
Concrete form, Folding. W. C. Niecolls. 2,451,112, Oct. 12.
Condenser: *See*—
Electrical condenser.
Conduit receptacle. J. F. O'Brien and E. S. Boynton. 2,450,908, Oct. 12.
Confection package. J. Burstiner. 2,451,318, Oct. 12.
Confections, Preparing candy coated. J. J. Kooman. 2,451,096, Oct. 12.
Container: *See*—
Free-fall aerial container.
Container for electrical condensers or other apparatus, Tubular. P. A. Sporing and C. P. Johnson. 2,451,125, Oct. 12.
Control apparatus. R. D. Cowherd. 2,451,073, Oct. 12.
Control apparatus for radio receivers. L. L. Royal. 2,450,918, Oct. 12.
Control device, Switch. C. R. McCauley. 2,451,232, Oct. 12.
Control instrument. A. H. Jordan. 2,451,439, Oct. 12.
Control instrument, Automatic. N. C. Williams and R. W. Fishwood. 2,451,139, Oct. 12.
Control means for an automatic pilot, Turn. J. C. Newton and P. Halpert. 2,450,907, Oct. 12.
Control of convertible evaporator-condensers for use in refrigerative circuits. K. P. Groat. 2,451,385, Oct. 12.
Control system. B. E. Del Mar. 2,451,280, Oct. 12.
Control system, Heat storage. C. M. Osterheld. 2,450,983, Oct. 12.
Control system, Radar. R. C. Sanders, Jr. 2,450,991, Oct. 12.
Control system, Traffic signal. J. O'D. Shepherd. 2,451,457, Oct. 12.
Control system, Power boast. D. R. Webb. 2,451,264, Oct. 12.
Control valve means for power-operated hydraulic motive means. M. V. Groves, 2,451,335, Oct. 12.
Controller for domestic appliances, Time and temperature. R. R. Candor. 2,451,069, Oct. 12.
Controller reset, Flow. W. J. Hughes. 2,451,029, Oct. 12.
Conveyer for coal and the like, Endless-type. E. Williams. 2,451,424, Oct. 12.
Conveying mechanism for billet heating furnaces. D. P. Anderson and S. Kneass, Jr. 2,451,053, Oct. 12.
Cooling system for electric motors and hydraulic pumps. V. A. Hoover. 2,450,963, Oct. 12.
Core and making, Laminated magnetic. J. A. Comstock. 2,451,202, Oct. 12.
Cotton-picking machine. S. A. Townsend. 2,451,130, Oct. 12.
Coupling: *See*—
Pipe coupling. Self-sealing coupling.
Quick disconnect coupling.
Coupling device. A. J. Wayman. 2,451,421, Oct. 12.
Coupling device for concentric conductor lines. A. L. Robinson. 2,451,413, Oct. 12.
Coupling system, Adjustable wave. L. Norde. 2,451,444, Oct. 12.
Crank arm and driving block means. D. S. Willson. 2,451,455, Oct. 12.
Cup, Adhesive-containing suction. F. C. Braun. 2,451,194, Oct. 12.
Curtain and curtain hanging means. C. W. Lanphere. 2,451,034, Oct. 12.
Curvatures of lenses and spacings thereof, Determining correct. J. H. Jeffree. 2,450,965, Oct. 12.
Cutting machine for plastic material. J. J. Gano and L. W. Richardson. 2,451,027, Oct. 12.
Cyclic sulfones, Hydrogenation of unsaturated. R. C. Morris and N. C. Melchior. 2,451,298, Oct. 12.
Cylinder construction, Hydraulic. F. B. Hunter. 2,451,089, Oct. 12.
Cylinder head construction, bridge cooling. R. H. Sheppard. 2,450,998, Oct. 12.
Dark trace screen. H. W. Leverenz. 2,451,292, Oct. 12.
Dental floss holder. M. Swartzman. 2,451,181, Oct. 12.
Dense products from cement material, Manufacture of. J. R. Parsons. 2,451,445, Oct. 12.
Dental tool attachment. J. H. Blair. 2,451,192, Oct. 12.
Detecting device, Object. I. Wolff. 2,451,141, Oct. 12.
Device for resurfacing grinding wheels. M. J. Nagy and L. Belz. 2,451,235, Oct. 12.
Dihydrothiophenes and preparing same. B. R. Baker. 2,451,428, Oct. 12.
Discharge device, Ultra high frequency electron. C. H. Foulkes. 2,451,328, Oct. 12.
Discharge device for ultra high frequencies, Electron. P. T. Smith and H. R. Hegbar. 2,451,249, Oct. 12.
Discharge triodes, Rugged gaseous. A. R. Moore. 2,451,297, Oct. 12.
Dispensing device, Towel. F. G. Steiner and R. G. Birr. 2,451,251, Oct. 12.
Dispensing machine. H. M. Kauffman. 2,451,094, Oct. 12.
Distributing apparatus. H. Lowe. 2,451,104, Oct. 12.
Distributor, Material. C. E. Thiesse. 2,451,128, Oct. 12.
Dithering valve. F. C. Eastman. 2,450,944, Oct. 12.
Door and panel construction, Metal. D. K. Macleod. 2,451,396, Oct. 12.
Doughnut cooking art. C. J. Hornkohl and F. H. Leslie. 2,450,962, Oct. 12.
Drawbar, Self-aligning swinging. L. Atkinson. 2,451,054, Oct. 12.
Drier: *See*—
Socket drier.
Drilling apparatus. H. C. Johansen. 2,451,223, Oct. 12.
Drilling fluids, Conditioning of. W. T. Cardwell, Jr. 2,450,936, Oct. 12.
Drill template, Multiple. H. O. Schultz. 2,451,123, Oct. 12.
Drive, Engine. J. D. Bell. 2,451,374, Oct. 12.
Duplex micrometer gauge. R. M. Vinyard. 2,451,419, Oct. 12.
Dynamoelectric machine. V. R. Holmgren. 2,451,219, Oct. 12.
Dynamoelectric machine. W. J. O'Brien. 2,450,982, Oct. 12.
Easel bracket. O. E. Davis. 2,451,020, Oct. 12.
Elapsed time indicator. H. Springer. 2,451,250, Oct. 12.
Elastic fabrics, making. B. H. Foster. 2,450,948, Oct. 12.
Electric hot-water heater. H. C. Mittendorf. 2,451,296, Oct. 12.
Electric motor-driven concrete mixer. J. Santagata, 2,450,993, Oct. 12.
Electric soldering tool. C. P. Kephart. 2,451,290, Oct. 12.
Electric switch. S. R. Heymann, J. H. Leslie, II, and W. A. Marshall, Jr. 2,450,961, Oct. 12.
Electric switch. I. E. McCabe. 2,451,107, Oct. 12.
Electrical condenser H. P. Heller. 2,451,338, Oct. 12.
Electrical device. W. I. Staf. 2,451,308, Oct. 12.
Electrolytic recording. H. G. Greig. 2,451,331, Oct. 12.
Electromagnet with armature, Shockproof. P. J. Reifschneider. 2,451,239, Oct. 12.
Electromagnetic switch. W. E. Stilwell, Jr. 2,450,924, Oct. 12.
Electron discharge device employing cavity resonator apparatus. C. A. Rosencrans. 2,451,240, Oct. 12.
Electroplating. G. W. Jernstedt. 2,451,340–1, Oct. 12.

Engine: *See*—
Internal-combustion engine.
Engine controller. J. Dolza, D. P. Croisant, A. W. Gaubatz, and P. W. Perish. 2,451,204, Oct. 12.
Engine controller C. H. Jorgensen and W. H. Taylor. 2,451,205, Oct. 12.
Enol-thioethers of ketosteroids and preparing the same. L. Dorfman and S. Bernstein. 2,451,434, Oct. 12.
Envelope and letter sheet, Combined. S. M. Menocal. 2,451,233, Oct. 12.
Envelopes to billfolds, Attaching transparent. L. L. Sherwood. 2,451,122, Oct. 12.
Escharotic solution for dehorning calves. J. E. Guthrie. 2,450,953, Oct. 12.
Esters, Sulfolanyl. R. C. Morris and E. C. Shokal. 2,451,299, Oct. 12.
Exchanger, Heat. E. D. Marquette. 2,451,398, Oct. 12.
Exhaust structure for resiliently mounted engines. W. C. Heath and P. A. Pitt. 2,451,285, Oct. 12.
Extraction apparatus, Hydrocarbon. H. R. Davis. 2,451,433, Oct. 12.
Fabricating airfoils. M. Watter. 2,451,454, Oct. 12.
Fastening device. R. A. Hartman. 2,451,438, Oct. 12.
Fatigue testing method and machine, Vibration. P. Cor. 2,450,939, Oct. 12.
Feed claw and shutter movement for motion-picture mechanisms. L. O. Thunberg. 2,451,452, Oct. 12.
Feed for carding machines, Intermediate. W. G. Tucker. 2,451,260, Oct. 12.
Feed for wrapping machines, Wrapper. W. Hoppe. 2,451,287, Oct. 12.
Feed for writing machines, Sheet. J. A. Gilbert and P. A. Johnson. 2,451,330, Oct. 12.
Feed means for printing machines, Reciprocable. W. T. Gollwitzer. 2,451,213, Oct. 12.
Feed mechanism. W. E. Twamley. 2,451,367, Oct. 12.
Filter: *See*—
Self-cleaning screen or filter.
Fiber containing product, Light-weight. J. R. Parsons. 2,451,446, Oct. 12.
Film spool switch. H. L. Strickland. 2,451,256, Oct. 12.
Finger-tip control for tractor-trailer air brake systems. T. H. Affleck. 2,451,268, Oct. 12.
Firing system, Director. E. P. Ross and H. S. Marsh. 2,451,357, Oct. 12.
Fish bait, Artificial. E. R. Putnam and F. J. Nefske. 2,450,988, Oct. 12.
Fixture for supporting and gauging brush riggings of motors and generators. H. E. Krueger. 2,450,897, Oct. 12.
Flare, Illuminating. C. D., A. J., and C. Schermuly. 2,451,121, Oct. 12.
Flask heater. A. I. Newman. 2,450,981, Oct. 12.
Flexible conduit joint. E. E. Stoeckly. 2,451,252, Oct. 12.
Flexible tubing joint. F. M. Allen and R. E. Snyder. 2,451,269, Oct. 12.
Flowmeter. A. F. Allwein. 2,451,425, Oct. 12.
Fluorinated products and process. A. M. Whaley. 2,451,185, Oct. 12.
Folding clothes hanger. F. R. Peterson. 2,451,114, Oct. 12.
Food product and making the same, Dehydrated. R. W. Arengo-Jones. 2,451,312, Oct. 12.
Frame: *See*—
Weaving frame.
Frame structure. A. B. Edwards, Jr. 2,451,076, Oct. 12.
Free-fall aerial container. W. J. Sanderson. 2,450,992, Oct. 12.
Frequency shift pulse time modulation. C. H. McShan. 2,451,347, Oct. 12.
Friction-wheel regulating gear. E. Krebs. 2,451,033, Oct. 12.
Froth level controlling device. W. M. Aubrey. 2,451,144, Oct. 12.
Fuel pump. T. E. Beacham. 2,451,055, Oct. 12.
Fuse. L. K. Liljegren. 2,450,899, Oct. 12.
Fuse, Mechanical time. J. J. Hart. 2,450,894, Oct. 12.
Garment, Baby. M. L. Neal. 2,451,300, Oct. 12.
Garment and collar combination. R. Spector. 2,451,364, Oct. 12.
Gas discharge lamp. M. Pennybacker. 2,451,043, Oct. 12.
Gas holders, Painting of. L. B. Donovan. 2,451,158, Oct. 12.
Gas in cells of aircraft, Indicating the state of. C. S. Hall. 2,450,954, Oct. 12.
Gate: *See*—
Speed controlled motor-driven gate.
Gauge: *See*—
Duplex micrometer gauge.
Gear: *See*—
Friction-wheel regulating Railway car draft gear.
gear.
Gear mounting. H. J. Kent. 2,451,342, Oct. 12.
Gem grinding and polishing tool. A. Pastore. 2,450,984, Oct. 12.
Generating plant for the drive of vehicles, Electric. O. Schläpfer. 2,451,242, Oct. 12.
Glass fabrics, Decoration of. C. M. Marberg. 2,450,902, Oct. 12.
Glider tow indicator. C. F. Scott, G. Carlson, and E. H. Rugg. 2,451,244, Oct. 12.
Glue composition containing vetch seed meal. G. Widmer and W. Hertner. 2,451,186, Oct. 12.
Golf club, Adjustable. W. B. Watkins. 2,451,262, Oct. 12.
Golf tee. H. N. Andreasen, Sr. 2,451,311, Oct. 12.
Grid-controlled rectifier circuit. H. J. McCreary. 2,451,344, Oct. 12.
Grids, Making. J. W. Skehan. 2,451,360, Oct. 12.
Grinding machine for work pieces each having a hollow spherical section, Contour. C. E. White. 2,451,137, Oct. 12.
Guanamines and their manufacture, High Molecular. J. Bindler. 2,451,432, Oct. 12.
Guard for power take-off shafts of tractors, Protective. R. W. Lidington. 2,451,440, Oct. 12.
Guide bar mounting for knitting machines, Thread. G. O. Young. 2,451,187, Oct. 12.
Guide construction for movable tank tops. F. L. Plummer. 2,450,986, Oct. 12.
Gun, Stud welding. A. M. Candy. 2,451,152, Oct. 12.
Gutter for automobile windows, Rain. R. V. Martin. 2,451,399, Oct. 12.
Gyro, Directional. J. E. Lundberg. 2,451,230, Oct. 12.
Gyroscopic instrument. F. D. Braddon and L. F. Beach. 2,450,875, Oct. 12.
Hacksaw, Multiple-blade. T. Donnelly. 2,450,942, Oct. 12.
Hammer, Shock absorbing. A. H. Heburich. 2,451,217, Oct. 12.
Hand brake. S. B. Haseltine. 2,451,028, Oct. 12.
Handling and joining cooperating members. R. Potter. 2,450,987, Oct. 12.
Handy scaffold bracket. H. J. Steffes. 2,451,179, Oct. 12.
Hanger: *See*—
Folding clothes hanger.
Headwear. E. Wittcoff. 2,451,140, Oct. 12.
Heater: *See*—
Electric hot-water heater. Flask heater.
Heaters and making, Electric space. J. E. Smith. 2,450,921, Oct. 12.
Heating furnace and operating the same, Continuous. W. A. Morton. 2,451,349, Oct. 12.
Helicopter roundabout. W. L. West. 2,451,006, Oct. 12.
Hitch, Towing. M. T. Regan. 2,451,119, Oct. 12.
Hobbing machine. S. M. Ransome. 2,451,447, Oct. 12.
Holder: *See*—
Bottle holder. Key holder.
Dental floss holder. Utility holder.
Holder and bait digging apparatus, Fishing rod. E. W. Sonner, Jr. 2,451,363, Oct. 12.
Holder-dispenser for roll sheet material. G. L. Hall. 2,451,215, Oct. 12.
Holder for flashlights, Position. J. L. Lemerond. 2,451,228, Oct. 12.
Holding device, Rail. J. R. Snyder. 2,451,414, Oct. 12.
Hollow sections, Spot welding. C. E. Meissner. 2,451,442, Oct. 12.
Hollow-walled carton. W. P. Frankenstein. 2,451,209, Oct. 12.
Horn control. L. D. Bell. 2,450,933, Oct. 12.
Hose handling apparatus. L. J. and J. F. White. 2,451,368, Oct. 12.
Hydraulic jack. M. W. Humphreys. 2,451,390, Oct. 12.
Hydrocarbons, Conversion of. R. T. Bell. 2,451,375, Oct. 12.
Hydroxythiophane carboxylic acids and esters and preparing same. B. R. Baker. 2,451,427, Oct. 12.
Idler system for phonograph turntable drives. E. V. Schneider. 2,451,304, Oct. 12.
Igniter. I. H. Yarin. 2,451,369, Oct. 12.
Ignition control. H. T. Jarvis. 2,451,289, Oct. 12.
Indicator: *See*—
Elasped time indicator. Relative temperature indicator.
Glider tow indicator.
Pulse-echo radio velocity indicator.
Indicator control, Totalizator. C. M. Candy and W. W. Owen. 2,451,319, Oct. 12.
Indicator for pulse echo distance measuring devices, Repeater. R. M. Smith. 2,451,000, Oct. 12.
Indicator with compensated damper, Inductive electrical. H. M. Norman. 2,451,404, Oct. 12.
Injector control mechanism for free piston engines, Fuel. F. M. Lewis. 2,450,898, Oct. 12.
Insecticidal haloido-alkylene esters of capryliphenoxyacetic acid. 2,451,085, Oct. 12.
Instrument drive. R. M. Kingman. 2,451,032, Oct. 12.
Instrument, Gyro vertical. F. D. Braddoh. 2,450,874, Oct. 12.
Instrument, Map making and projection. H. T. Kelsh. 2,451,031, Oct. 12.
Instrument, Writing. E. B. Nichols. 2,451,111, Oct. 12.
Intercommunicating system. R. H. Herrick. 2,451,339, Oct. 12.
Intermittent drive device. F. M. Thomas. 2,451,416, Oct. 12.
Internal-combustion engine. R. Daub. 2,451,322, Oct. 12.
Internal-combustion engine. J. G. Vincent. 2,451,132, Oct. 12.
Internal expanding vehicle brake. C. L. Eksergian, R. B. Temple, and K. C. Harle. 2,451,325, Oct. 12.
Internally insulation lined vessel. A. L. Baker, W. H. Hill, and A. R. C. Markl. 2,451,146, Oct. 12.

Ironer, Ruffle. B. J. Litke. 2,451,102, Oct. 12.
Isomerization of 1,4-dicyano-2-butene. G. F. Hager. 2,451,386, Oct. 12.
Jack: *See*—
Hydraulic jack.
Jack operated from luggage compartment, Vehicle attached. V. R. Paolucci. 2,451,407, Oct. 12.
Jet system for aircraft control, Reaction. W. W. Williams. 2,451,008, Oct. 12.
Jig. N. M. Marsillus. 2,451,035, Oct. 12.
Joint: *See*—
Flexible conduit joint. Flexible tubing joint.
Joint and making the same, Fluid-retaining. J. M. W. Chamberlain. 2,451,070, Oct. 12.
Joint assembly. J. H. Booth. 2,451,060, Oct. 12.
Ketones, Preparation of unsaturated. H. O. Mottern and V. F. Mistretta. 2,451,350, Oct. 12.
Ketones, Production of unsaturated. H. O. Mottern and V. F. Mistretta. 2,451,351, Oct. 12.
Key case. B. H. Kaminer. 2,451,093, Oct. 12.
Key holder. J. Berger and M. Wachman. 2,451,056, Oct. 12.
Key ring. K. W. Johnson. 2,451,091, Oct. 12.
Knitting. I. H. C. Green. 2,451,214, Oct. 12.
Ladder, Automatically adjustable. K. V. Ozols. 2,451,113, Oct. 12.
Lamp: *See*—
Bed lamp. Gas discharge lamp.
Latch: *See*—
Refrigerator door latch.
Latch. G. E. Curtiss, Jr. 2,451,380, Oct. 12.
Latch assembly, Mine car. H. H. Pancake. 2,451,406, Oct. 12.
Lather making machine. W. A. Haines, Jr. 2,451,083, Oct. 12.
Launcher, Rocket. F. Ashworth and C. W. Carter. 2,450,929, Oct. 12.
Launcher, Rocket. W. V. Goodhue and C. W. Carter. 2,450,951, Oct. 12.
Leaf spring. W. R. Berry. 2,450,869, Oct. 12.
Lifting device for automobiles. V. R. Paolucci. 2,451,408, Oct. 12.
Lighter, Pyrophoric. H. Konrad. 2,451,188, Oct. 12.
Lined pipe. A. L. Baker, A. R. C. Markl, and A. Blahut. 2,451,145, Oct. 12.
Lining composition and container wall lined therewith. R. M. Snyder. 2,451,362, Oct. 12.
Loader, Truck. G. Whitehurst, V. E. Slater, G. F. Bruno, J. M. Hubbard, and G. P. Krawitz. 2,451,138, Oct. 12.
Loading ships. R. L. Burke. 2,451,198, Oct. 12.
Lock: *See*—
Aircraft landing gear lock. Chain lock.
Brake pedal lock.
Locking mechanism, Key. E. B. Johnson. 2,451,090, Oct. 12.
Locking and unlocking two-hand control, Safety. B. J. Yanchenko. 2,451,010, Oct. 12.
Locking and resetting means for counters. M. M. Hennessy. 2,451,084, Oct. 12.
Locking spider for wall switches and the like. J. W. S. Wilder. 2,451,267, Oct. 12.
Log barking drum. L. H. Lemke. 2,451,229, Oct. 12.
Lubricant. A. J. Morway and J. C. Zimmer. 2,451,039, Oct. 12.
Lubricator. F. B. Harvuot. 2,451,387, Oct. 12.
Machine for forming articles from a liquid slurry. J. D. Lyall. 2,450,900, Oct. 12.
Machine tool. F. A. Hurd. 2,450,964, Oct. 12.
Machine used in laundries for washing or drying articles. S. Newbery. 2,451,403, Oct. 12.
Magnet. R. L. Manegold. 2,451,231, Oct. 12.
Manganous sulfate, Making. C. C. Daugherty. 2,450,870, Oct. 12.
Mannequin limb. J. R. Dusko. 2,451,023, Oct. 12.
Materials resistant to or active against microorganisms, Manufacture of. E. Boehm. 2,451,149, Oct. 12.
Mattress cover and blanket retainer, Combination. E. H. Spiro, Jr. 2,450,923, Oct. 12.
Measuring apparatus, Pressure. E. Dawson and J. R. Ericson. 2,450,884, Oct. 12.
Measuring device, Liquid. A. H. Davis, Jr. 2,451,154, Oct. 12.
Measuring system, Frequency. E. S. Clammer, M. J. Ackerman, and G. A. Barton. 2,451,320, Oct. 12.
Mechanical movement. C. H. Petskeyes. 2,451,303, Oct. 12.
Metal pieces by means of a bonding layer of predetermined thickness, Uniting. R. R. La Motte. 2,451,099, Oct. 12.
Metallo-organic compositions. C. N. Andersen. 2,451,052, Oct. 12.
Metal with a flux-forming powder in the oxygen cutting stream, Thermochemical removal of. R. L. Wagner. 2,451,422, Oct. 12.
Method and device for drying woven fabric material. H. C. Ellis. 2,451,206, Oct. 12.
Microphone adapted to be actuated by a bone structure of a user. W. R. Blair and A. E. Woodruff. 2,451,317, Oct. 12.
Mineral wool products, Method and apparatus for forming. E. R. Powell. 2,450,915, Oct. 12.
Mineral wool, Apparatus and process for the manufacture of. E. R. Powell. 2,450,914, Oct. 12.
Mixer: *See*—
Electric motor-driven concrete mixer.
Moisture-proofed plunger snap switch. J. H. Schellman. 2,451,176, Oct. 12.
Molding machine, Block. A. T. Johnson. 2,451,167, Oct. 12.
Motion detector, Pulse-echo. T. T. Eaton. 2,450,945, Oct. 12.
Motor: *See*—
Synchronous motor.
Motor control system, Hoisting. E. B. Thurston. 2,451,257, Oct. 12.
Motor control system, Traction. H. S. Ogden. 2,451,237, Oct. 12.
Motor with pistons symmetrically arranged about cams on the drive, Internal-combustion. J. B. Putnam. 2,450,912, Oct. 12.
Mounting: *See*—
Gearing mounting.
Self-aligning conveyer roll mounting.
Multicolor images by electric discharge, Method of and means for printing. W. C. Huebner. 2,451,288, Oct. 12.
N-alkyl acrylamides, Preparing. J. G. Erickson. 2,451,436, Oct. 12.
Necktie machine. M. M. Newman. 2,450,906, Oct. 12.
Network, Electrical bridge. T. Baclawski. 2,450,930, Oct. 12.
Nitrogen atmosphere, Producing a. G. J. Maxson. 2,450,975, Oct. 12.
Nozzle, Spray. E. E. Cline. 2,451,071, Oct. 12.
Oil, Lubricating. R. F. McCleary and S. M. Roberts. 2,451,037, Oct. 12.
Oil, Compounded lubricating. J. G. McNab and D. T. Rogers. 2,451,345–6, Oct. 12.
Oil addition agents, Lubricating. W. J. Sparks and D. C. Field. 2,451,048, Oct. 12.
Oil purifying system for vacuum pumps. T. A. La Breeque and A. W. Skoog. 2,451,098, Oct. 12.
Oil regulator test stand. C. J. Snider. 2,450,922, Oct. 12.
Oils, Refining lubricating. H. L. Ellender. 2,451,025, Oct. 12.
Olefin extraction. C. O. Tongberg. 2,451,050, Oct. 12.
Olefins from hydrocarbon mixtures, Separation of. G. G. Bernard and D. C. Bond. 2,451,376, Oct. 12.
Oleo strut for airplane landing gears. M. R. Mullen. 2,451,171, Oct. 12.
Operating mechanism for lathes. R. G. Le Tourneau. 2,450,972, Oct. 12.
Optical projection contour comparison device. W. De Boer, G. A. Betts, and E. C. Polidor. 2,451,155, Oct. 12.
Optophone. V. K. Zworykin and J. Hillier. 2,451,014, Oct. 12.
Oscillator, Low frequency. E. R. Shenk and A. Kahn. 2,451,245, Oct. 12.
Package for cartridge reloading components, Dispensing. H. D. Adams. 2,451,015, Oct. 12.
Parachute made of self-supporting ribbons which are composed of broad and narrow bands. F. S. Weinig. 2,450,926, Oct. 12.
Pen, Portable play. M. D. Bible. 2,451,431, Oct. 12.
Phenothiazine, Purification of. C. W. Gates and C. R. Howey. 2,451,082, Oct. 12.
Phonograph pickup, Wedged needle type. W. H. Hutter. 2,451,221, Oct. 12.
Phonograph-radio switch. J. L. Slatin. 2,451,248, Oct. 12.
Phosphate cements. H. H. Greger. 2,450,952, Oct. 12.
Photoelectric control for signal devices, Sensitive. T. K. Riggen. 2,450,990, Oct. 12.
Photoelectric tube. O. T. McIlvaine. 2,451,400, Oct. 12.
Photography in additive color by the controlled utilization of chromatic aberrations in lenses. S. B. Grimson. 2,451,164, Oct. 12.
Pie filling, Dehydrated fruit. R. W. Arengo-Jones. 2,451,313, Oct. 12.
Pigment comprising calcium carbonate, Treatment of. H. R. Rafton. 2,451,448, Oct. 12.
Pillow block bearing. T. C. Pew. 2,451,115, Oct. 12.
Pin: *See*—
Rolling pin.
Pipe-bending machine. A. E. Peters. 2,451,302, Oct. 12.
Pipe cleanout device, Sanitary. R. R. Tubbs. 2,451,051, Oct. 12.
Pipe, Method of coupling. E. W. Rembert. 2,451,046, Oct. 12.
Pipe, Coupling. H. W. Fenlon. 2,451,437, Oct. 12.
Pipe, Coupling. R. L. Ohls. 2,451,354, Oct. 12.
Pipe handling apparatus, Well. I. X. Calhoun. 2,450,934, Oct. 12.
Pipe wrench and vise, Combined. J. Keiser. 2,450,967, Oct. 12.
Piston and connecting rod. G. A. Halfvarson. 2,451,216, Oct. 12.
Plastic compositions and making the same from an unsaturated ketone and an unsaturated nitrile. W. E. Elwell and R. L. Meier. 2,451,435, Oct. 12.
Polyamides from polymeric fat acids. J. C. Cowan, L. B. Falkenburg, H. M. Teeter, and P. S. Skell. 2,450,940, Oct. 12.
Polyhaloalkyl sulfides and their preparation, Saturated. M. S. Raasch. 2,451,411, Oct. 12.

Polymer latices, Stripping of. A. D. Green. 2,451,332, Oct. 12.
Polymer recovery from low-temperature polymerization of olefinic material. A. C. Skooglund and C. C. Swoope. 2,451,047, Oct. 12.
Polymers and making the same, Rubberoid tall oil. R. Richter and J. J. Miskel. 2,451,173, Oct. 12.
Poultry food. G. A. Walldov. 2,451,134, Oct. 12.
Powder, Delay. G. C. Hale. 2,450,892, Oct. 12.
Power shaker. G. W. Carlson. 2,451,199, Oct. 12.
Power supply for electronic apparatus. L. R. Faust. 2,450,985, Oct. 12.
Power transmission mechanism. A. E. Kimberly, Jr. 2,450,896, Oct. 12.
Press: *See*—
Wire cutting and bending press.
Pressure control mechanism, Fluid. W. A. Eaton. 2,451,160, Oct. 12.
Pressure device for camera mechanisms and filler inserts therefor. J. Fairbanks. 2,451,161, Oct. 12.
Pressure head box for paper machines. W. P. Shannon. 2,451,305, Oct. 12.
Pressure mechanism. J. T. Lancaster. 2,450,969, Oct. 12.
Pressure switch. J. W. Richbourg. 2,451,412, Oct. 12.
Printing ink, Silk screen. W. Heinecke. 2,450,959, Oct. 12.
Printing with vat colors. C. A. Amick and R. H. Klenle. 2,451,270, Oct. 12.
Process and apparatus for producing alcohol by fermentation. A. R. de Mattos. 2,451,156, Oct. 12.
Propeller mechanism. W. J. Blanchard and C. S. J. MacNeil. 2,451,059, Oct. 12.
Protective device and the manufacture thereof. W. W. Watrous, Jr. 2,451,184, Oct. 12.
Protector: *See*—
Stocking protector.
Pulling apparatus. L. F. Price. 2,451,117, Oct. 12.
Pumping volatile liquids. F. C. Byram. 2,451,151, Oct. 12.
Pulse-echo radio velocity indicator. J. Evans. 2,450,946, Oct. 12.
Pump: *See*—
Centrifugal pump. Fuel pump.
Compressor pump.
Pumping system, Well. H. E. Lauman. 2,451,168, Oct. 12.
Push-button stepping switch. H. C. Macnamara. 2,451,105, Oct. 12.
Push-pull selector switch. D. W. Johnson. 2,451,224, Oct. 12.
Quick disconnect coupling. W. D. Hengst. 2,451,218, Oct. 12.
Rack: *See*—
Suspension rack.
Rail vehicles, Method of and device for retracking. H. L. Nancarrow and A. R. Wilson. 2,451,042, Oct. 12.
Railway car draft gear. H. L. Spence. 2,451,415, Oct. 12.
Rake. J. H. Myers. 2,451,402, Oct. 12.
Ratio steering assembly, Variable. J. H. Booth. 2,451,061, Oct. 12.
Reaction of an etherified melamine-formaldehyde condensation product with an etherified phenol-formaldhyd condensation product. W. Charlton and J. B. Harrison. 2,451,153, Oct. 12.
Receiver for automatic milking systems, Milk. J. J. De Carli. 2,451,075, Oct. 12.
Receiver, Radiotelegraphy superregenerative. G. Peterson. 2,450,913, Oct. 12.
Receiver, Superregenerative. W. R. Koch. 2,451,291, Oct. 12.
Receptacle: *See*—
Conduit receptacle.
Record mounting means, Facsimile apparatus. W. G. H. Finch. 2,451,079, Oct. 12.
Recorder, Specific gravity. J. R. Martin and F. B. Burrell. 2,451,036, Oct. 12.
Reducing visible vapors above open vats and the like, Method of and apparatus for. G. Tree. 2,451,418, Oct. 12.
Refrigerating system having thermometer-receiving well at the evaporator inlet and outlet. L. S. Cooper. 2,451,072, Oct. 12.
Refrigerator construction having means to restrict moisture in the walls of the cabinet. C. C. Heritage. 2,451,286, Oct. 12.
Refrigerator door latch. G. E. Curtiss, Jr. 2,451,381, Oct. 12.
Reinforced structures, Making. E. L. Vidal and L. J. Marhoefer. 2,451,131, Oct. 12.
Relative temperature indicator. P. F. Adair. 2,450,871, Oct. 12.
Relay, Shock resistance. L. C. Doane. 2,451,323, Oct. 12.
Remote-control system for prime mover dynamo plants. J. L. Moncrief. 2,450,904, Oct. 12.
Remote-control system, Radio. J. M. Brian. 2,451,150, Oct. 12.
Retainer and dispenser for sanitary tissues. H. L. Elfner. 2,451,281, Oct. 12.
Ring: *See*—
Key ring.
Rivet for pressural upsetting, method of upsetting, and resulting joint, Hollow. G. D. Rechton. 2,451,356, Oct. 12.
Rod: *See*—
Piston and connecting rod.
Roll stripping mechanism. L. A. Hawthorne. 2,450,957, Oct. 12.
Rolling pin. W. McDowell. 2,451,170, Oct. 12.
Rotary and sliding ball bearing. T. F. Schlicksupp. 2,451,359, Oct. 12.
Safety device for firearms. I. E. Syrjala. 2,451,003, Oct. 12.
Safety device for rectifiers. H. A. W. Klinkhamer and E. Cassee. 2,451,095, Oct. 12.
Salvage apparatus. M. J. Sturtevant. 2,451,002, Oct. 12.
Sandal with adjustable front and rear straps. C. E. Ballenger. 2,451,372, Oct. 12.
Scraper, Power-operated. L. T. McGee. 2,451,294, Oct. 12.
Screen: *See*—
Dark trace screen.
Scrubber for removing dirt from aggregates such as sand and gravel. G. E. Moyer. 2,450,980, Oct. 12.
Selector switch. D. W. Johnson. 2,451,225, Oct. 12.
Self-aligning conveyor roll mounting. R. E. Klein. 2,451,394, Oct. 12.
Self-cleaning screen or filter. N. R. Krause. 2,451,227, Oct. 12.
Self-sealing coupling. B. A. Main, Jr. 2,451,441, Oct. 12.
Semiconductor. C. A. Escoffery. 2,450,887, Oct. 12.
Semiconductor. C. A. Escoffery and M. D. Merva. 2,450,886, Oct. 12.
Semidecating machine. E. F. Hayes. 2,451,337, Oct. 12.
Shaft actuated snap action mechanism for reciprocating expansible chamber motors. C. R. Sacchini. 2,451,449, Oct. 12.
Sharpener, Scissors. G. E. De Tray. 2,451,203, Oct. 12.
Sharpening apparatus, Razor blade. T. Fjeld. 2,451,384, Oct. 12.
Sheet for reproduction purposes, Translucent. R. B Stringfield and T. R. Miles. 2,451,126, Oct. 12.
Sheet positioning and feeding device for printing presses R. D. Hawes. 2,451,388, Oct. 12.
Shield for transformers. C. H. Dunton. 2,451,324, Oct. 12.
Shift signaling, Carrier frequency. S. A. Barone. 2,451,430, Oct. 12.
Shoe lace tip, Adjustable locking. H. Sims. 2,451,247, Oct. 12.
Sight mount for shoulder arms, Telescope. L. E. Whittemore. 2,451,266, Oct. 12.
Signaling system. O. A. Shann. 2,450,997, Oct. 12.
Sirups, Thermosetting laminating. E. M. Queeny. 2,451,410, Oct. 12.
Slag, Method and apparatus for production of expanded. A. E. Meinzer. 2,450,978, Oct. 12.
Sleeve board having a lowered inoperative position and having a raised and locked operative position. M. Tronic. 2,451,259, Oct. 12.
Slurries to separate fibers from heavier particles, Treating liquid. J. D. Lyall. 2,450,901, Oct. 12.
Sock drier. G. W. Fonke. 2,451,208, Oct. 12.
Socket, Tube. C. Antony, Jr. 2,450,873, Oct. 12.
Speed controlled motor-driven gate. C. R. Beall. 2,451,373, Oct. 12.
Spreader, Tire bead. H. T. Kraft. 2,451,097, Oct. 12.
Spring: *See*—
Leaf spring.
Stand: *See*—
Oil regulator test stand.
Steel, Wear resistant. M. C. Fetzer and C. B. Post. 2,450,888, Oct. 12.
Steel wool. J. R. Thompson. 2,451,417, Oct. 12.
Stocking protector. B. B. Knubel. 2,450,968, Oct. 12.
Stop mechanism and means for mounting. R. G. Birr. 2,451,191, Oct. 12.
Stop mechanism for warpers, Automatic. J. S. Seney. 2,450,996, Oct. 12.
Strainer. B. M. Dean. 2,451,074, Oct. 12.
Strand, Wire saw. P. D. d'Avaucourt. 2,451,383, Oct. 12.
Strap, Baby. G. K. White. 2,451,007, Oct. 12.
Stretcher, Line. E. L. Howe. 2,451,389, Oct. 12.
Strip projection apparatus, Picture film. T. U. Sisson. 2,451,306, Oct. 12.
Studio, Broadcasting. J. K. Gannett, R. Smith, Jr., and B. W. Saveland. 2,451,283, Oct. 12.
Stuffing box. C. J. Keim. 2,450,895, Oct. 12.
Stuffing tube. P. M. D'Amico. 2,450,883, Oct. 12.
Support: *See*—
Yarn support.
Suppression system, Detonation. P. J. Costa. 2,450,882, Oct. 12.
Suspension for tandem wheeled vehicles. L. E. Long. 2,451,293, Oct. 12.
Suspension rack. A. E. Newman. 2,451,110, Oct. 12.
Switch: *See*—
Electric switch. Push-button stepping switch.
Electromagnetic switch. Push-pull selector switch.
Film spool switch. Selector switch.
Moisture-proofed plunger snap switch. Tire pressure alarm switch.
Phonograph-radio switch.
Pressure switch.
Synchronous motor. W. L. Hansen and I. N. Hurst. 2,450,955, Oct. 12.
Synthesis of polyhydroxy compounds. W. F. Gresham and R. E. Brooks. 2,451,333, Oct. 12.
Table assembly for automobiles. J. M. Cercownay. 2,451,275, Oct. 12.

Tags, Making identification. J. S. Pecker. 2,451,355, Oct. 12.
Tall oil, Hydrogenation of. H. Bliss and W. C. Sussky. 2,451,377, Oct. 12.
Tank and cooler assembly, Oil. R. M. Heintz. 2,450,960, Oct. 12.
Tape advancing device, Record. J. A. Spencer and J. C. Warwick, Jr. 2,451,365, Oct. 12.
Telegraph transmitter, Automatic message numbering. L. M. Potts. 2,451,045, Oct. 12.
Telemetering apparatus of the impulse-duration class. G. M. Thynell. 2,451,129, Oct. 12.
Television system. A. W. Friend. 2,451,026, Oct. 12.
Terminal for electric discharge tubes. G. E. Shoemaker. 2,450,999, Oct. 12.
Tester, Condenser. E. W. Aiken. 2,450,872, Oct. 12.
Testing apparatus, Brittle point. C. K. Chatten and S. A. Eller. 2,450,880, Oct. 12.
Testing device, Hydrostatic. H. D. O'Neil. 2,450,909, Oct. 12.
Textile fibers, Manufacture of artificial. A. Ferretti. 2,450,889, Oct. 12.
Textile spreader. E. S. Beard. 2,450,932, Oct. 12.
Therapeutic device. C. H. Carr. 2,450,935, Oct. 12.
Thiophane carboxyhydrazides and preparing the same. B. R. Baker and M. V. Querry. 2,451,429, Oct. 12.
Thread and making same, Elastic. S. W. Alderfer. 2,451,016, Oct. 12.
Thread guiding flier, Revolving. A. Nau-Touron. 2,451,352, Oct. 12.
3-tertiary-butyl-4-alkoxy benzaldehydes. M. S. Carpenter and W. M. Easter, Jr. 2,450,877, Oct. 12.
3-tertiary-butyl-4-alkoxy-5-nitro benzaldehydes. M. S. Carpenter and W. M. Easter, Jr. 2,450,878, Oct. 12.
Tightener, Precision cannon pinion. S. F. Bloom. 2,451,378, Oct. 12.
Time fuse, Mechanical. E. J. Fix. 2,450,890, Oct. 12.
Time switch. F. A. Ward. 2,451,135, Oct. 12.
Tire, Cushion. H. C. Nies. 2,451,172, Oct. 12.
Tire pressure alarm switch. H. L. Hull. 2,451,166, Oct. 12.
Tool: *See*—
Electric soldering tool. Machine tool.
Gem grinding and polishing tool. Riveting tool.
Toolholding means for machine tools, Cutting. J. A. Backstrom. 2,451,371, Oct. 12.
Tool lathe, Rotating. E. D. Beachler. 2,451,147, Oct. 12.
Trailer for boat handling. E. W. Oeth. 2,451,236, Oct. 12.
Training device, Artificial respiration. H. Church. 2,451,200, Oct. 12.
Transformation system, Electric frequency. E. F. W. Alexanderson, A. H. Mittag, and M. W. Sims. 2,451,189, Oct. 12.
Transformer, Variable. S. Berman. 2,450,868, Oct. 12.
Transformer with part turn winding, Instrument current. F. J. Lingel. 2,450,973, Oct. 12.
Transmission. H. R. Mitchell and C. M. Sobotka. 2,451,401, Oct. 12.
Transmission, Fluid. R. A. Pyle. 2,451,118, Oct. 12.
Transmission with governor-synchronized gears, Semiautomatic automotive. D. S. Bennetch. 2,451,058, Oct. 12.
Transmitter, Impulse. R. L. Sargisson and H. F. Obergfell. 2,451,358, Oct. 12.
Transmitter-sheet loading and stripping mechanism, Facsimile. W. G. H. Finch and G. H. Hohmann. 2,451,080, Oct. 12.
Traverse motion. O. W. Schlums. 2,451,243, Oct. 12.
Treatment of normally gaseous mixtures. H. H. Wenzke. 2,451,136, Oct. 12.
Truing mechanism for grinding wheels. J. F. Klukan. 2,451,395, Oct. 12.
Trunnion mounting for bulldozers and the like, Adjustable. G. E. Miller. 2,451,348, Oct. 12.
Tube: *See*—
Photoelectric tube. Stuffing tube.
Tube apparatus and method of operation, Cathode-ray storage. P. K. Weimer, V. K. Zworykin, and I. Wolf. 2,451,005, Oct. 12.
Tube structure, High-frequency. W. W. Hansen and J. R. Woodyard. 2,450,893, Oct. 12.
Turbine for gas blast propelled craft, Gas blast actuated auxiliary. R. H. Goddard. 2,450,950, Oct. 12.
Turbine rotor cooling arrangement, High and low pressure. G. B. Warren and A. R. Smith. 2,451,261, Oct. 12.
Twine making machine. H. Flater, E. T. Waernhoff, and N. G. Franson. 2,450,947, Oct. 12.
2,4-di-tertiary-butyl-5-methoxy benzaldehyde. M. S. Carpenter and W. M. Easter, Jr. 2,450,879, Oct. 12.
Tying machine. B. H. Bunn. 2,451,197, Oct. 12.
Utility holder. D. S. Jones. 2,451,092, Oct. 12.
V-type internal-combustion engine. G. L. Balster. 2,451,271, Oct. 12.
Valve: *See*—
Automatic shutoff valve. Dithering valve.
Cabin pressure regulator valve.
Valve insides. J. C. Crowley. 2,451,276, Oct. 12.
Valve mechanism. C. E. Gates. 2,451,162, Oct. 12.
Valve stem and valve. J. C. Crowley. 2,451,277, Oct. 12.
Vane pump for oil burners, Variable capacity. W. H. De Lancey. 2,451,279, Oct. 12.
Vaporizer. H. E. Pritchard. 2,451,238, Oct. 12.
Vaporizer for two-stage liquefied petroleum gas dispensing systems. L. J. White. 2,451,309, Oct. 12.
Vehicle reach and bound construction. G. G. McNamara, Jr. 2,450,977, Oct. 12.
Ventilating means, Toilet. C. M. Molpus. 2,451,108, Oct. 12.
Vinyl resin, Vulcanization of. L. F. Reuter. 2,451,174, Oct. 12.
Viscose artificial silk, filaments comprising threads, staple fibers, bands, and the like, Spinning. T. A. H. Blaas. 2,451,148, Oct. 12.
Volume control and switch, Shielded. E. W. Rosentreter. 2,451,241, Oct. 12.
Water correction device, Electrolytic. E. M. Butler. 2,451,064–6, Oct. 12.
Wall construction. F. E. Hunt. 2,451,220, Oct. 12.
Water correction device for insertion in circulatory systems, Electrolytic. E. M. Butler. 2,451,068, Oct. 12.
Water correction device, Self-energizing electrolytic. E. M. Butler. 2,451,067, Oct. 12.
Weather strip. L. Spraragen. 2,451,450, Oct. 12.
Weaving frame. A. C. Ferguson. 2,451,207, Oct. 12.
Web guiding device, particularly for tentering frames. A. Künzle. 2,451,343, Oct. 12.
Weighing system. M. C. Tate. 2,451,451, Oct. 12.
Welding gun, Stud. F. W. Anderson. 2,451,190, Oct. 12.
Welding wire-mesh fabrics, Art of. C. C. Wickwire. 2,451,423, Oct. 12.
Wheel: *See*—
Abrasive wheel.
Wheel drive for trenchers, Digging. R. N. Bennett. 2,451,315, Oct. 12.
Winding and welding device, Wire. F. T. May and R. A. Rehberg. 2,451,169, Oct. 12.
Window bracket. H. E. Ammerman. 2,451,143, Oct. 12.
Wire cutting and bending press. J. A. Shand. 2,450,920, Oct. 12.
Wire twisting device. S. G. Blumensandt and F. A. Bielak. 2,450,876, Oct. 12.
Wrapping, banding, and tipping machine. F. A. Risberg. 2,451,175, Oct. 12.
X-ray protective device. A. H. Feibel. 2,451,282, Oct. 12.
Yarn carrier stop motion. E. Vossen. 2,451,133, Oct. 12.
Yarn support. A. W. Keight. 2,450,966, Oct. 12.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 12, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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11: Des. 151,342
D81—10: Des. 151,344
25: Des. 151,339
D85— 2: Des. 151,334
Des. 151,376
Des. 151,413
D89— 1: Des. 151,414

U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE WILLIAMS

No. 5500. Decided June 1, 1948

[168 F.2d 525; 78 USPQ 86]

1. INTERFERENCE—SUBSTITUTION OF JOINT APPLICATION FOR SOLE APPLICATION—EFFECT THEREOF.

Held that by obtaining the substitution of a joint application for appellant's sole application in an interference, appellant disclaimed sole inventorship of the subject matter in issue therein, and he is, therefore, in the same position as if he had unsuccessfully contested an interference with the joint application on that subject matter.

2. PATENTABILITY—CHEMICAL CLAIM—SPECIES IN INTERFERENCE DISCLAIMED—GENUS UNPATENTABLE.

Where appellant by his motion to substitute the joint application for his sole application in an interference involving a species which forms an integral part of the genus covered by the appealed claims admitted that he is not the first inventor of that species, *Held* that appellant may not obtain a patent covering it merely by including it in a genus with other species of which he may be the first inventor.

3. SAME—PROCESS OF PREPARING PANTOTHENIC ACID.

Certain claims to a process of preparing a substance having the physiological properties of pantothenic acid *Held* properly rejected on the basis of appellant's substitution of the joint application for his sole application in an interference.

APPEAL from the Patent Office. Serial No. 265,799. AFFIRMED.

Stowell & Evans (*Harold T. Stowell* and *John O. Evans, Jr.*, of counsel) for Williams.

W. W. Cochran (*J. Schimmel* of counsel) for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claims 46, 65, 71, and 73 in appellant's application for a patent for an invention relating to a method of producing pantothenic acid.

Claims 49, 56, and 66 to 68, inclusive, were allowed by the Board of Appeals.

Claims 46 and 73 are sufficiently representative of the appealed claims. They read:

46. The process of preparing a substance having the physiological properties of pantothenic acid which comprises reacting the lactone obtained by hydrolytic splitting of natural pantothenic acid with a member of the group consisting of β-alanine and β-alanine in which the hydrogen of the carboxyl group is replaced by a constituent which protects the carboxyl group without destroying the reactivity of the amino group of the β-alanine.

73. The process which comprises reacting α-hydroxy-β,β-dimethyl-γ-butyro lactone with a compound of the group consisting of the salts and lower alkyl esters of β-alanine without the application of extraneous heat.

Appellant's application relates to the production of a growth promoting substance known as pantothenic acid and discloses a method in which this substance is prepared by reacting alpha-hydroxy-beta, beta-dimethyl-gamma-butyro lactone which, as stated by the Board, is also known as pantoyl lactone, with the salts and lower alkyl esters of alanine. Pantoyl lactone may be prepared by the hydrolytic splitting of natural pantothenic acid and claim 46 calls for that method of preparation, instead of designating the pantoyl lactone by name or formula. The details of appellant's process are not set forth in the appealed claims, and are not pertinent to the issues here involved.

All of the appealed claims were rejected as being unpatentable to appellant because of actions taken by him in connection with interference No. 78,737, hereinafter referred to. Appealed claims 46, 65, and 71 were further rejected on the grounds of indefiniteness and functionality, and claims 46 and 73 were further rejected as containing two distinct artificial classes of different scope.

Interference No. 78,737 was originally declared between a sole application of appellant Williams, No. 328,526, and applications of other parties. As the result of a motion by appellant, a joint application of Williams and Weinstock was substituted in the interference for the Williams sole application, and the issue of the interference was amended to include the following count:

Count 2. The method of synthesizing pantothenic acid which comprises directly combining an alkali-forming metal salt of β-alanine with α-hydroxy-β, β-dimethyl-γ-butyro lactone.

The quoted count is similar to the appealed claims, but is limited to the use of alkali-forming metal salts of beta-alanine, whereas the appealed claims are broad enough to include not only those salts but other salts and esters.

[1] It is evident that, by obtaining the substitution of a joint application for appellant's sole application in the interference, appellant disclaimed sole inventorship of the subject matter in issue therein. He is, therefore, in the same position as if he had unsuccessfully contested an interference with the joint application on that subject matter.

Since, as hereinbefore stated, the appealed claims are generic to the use of various beta-alanine compounds, while count 2 of interference No. 78,737 is specific to the use of alkali-forming metal salts of beta-alanine, the issue presented by this appeal is whether an applicant who admittedly is not the first

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inventor of a species in a chemical claim is nevertheless entitled to the allowance of a generic claim embracing that species.

The issue presented in the instant case is similar to that in the case of *In re Kaase et al.*, 31 CCPA (Patents) 932, 104 F.2d 1016, 60 USPQ 565, 563 O. G. 582. In that case appellants had lost an interference on an issue involving the use of isothiocyanates in a certain process, and thereafter sought to obtain the allowance of a process claim generic to the use of isothiocyanates and isocyanates. In holding that the appealed claim was properly rejected this court stated:

> What appellants are here seeking is to regain what they lost in interference No. 76,387. In the patent issued to Hanford and Holmes as a result of the decision in that interference, the public is taught that isothiocyanates may be used in the involved process.
>
> Now appellants seek to dominate the patent to Hanford and Holmes by claiming as an element of their process the use of isothiocyanates, although it has been determined that appellants were not the first inventors of such use.

[2] The species disclaimed by appellant by his motion to substitute the joint application for his sole application in interference No. 78,737 forms an integral part of the genus covered by each of the appealed claims. Having admitted that he is not the first inventor of that species, appellant may not obtain a patent covering it merely by including it in a genus with other species of which he may be the first inventor. His claims should be made commensurate in scope with his invention.

[3] It follows that all of the appealed claims were properly rejected on the basis of appellant's substitution of the joint application for his sole application in the interference, and it is, therefore, unnecessary to consider the other grounds of rejection.

For the reasons stated, the decision of the Board of Appeals is affirmed.

AFFIRMED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,909,537, R. M. Hollingshead, Jr., Drive-in theatre, D. C. Minn., 4th Div., Doc. 2646, *Park-In Theatres, Inc., v. United Outdoor Theatres, Inc.* Stipulation and order of dismissal Sept. 10, 1948.

2,079,618, 2,123,699, Kahn & Hake, Stove, filed Sept. 7, 1948, D. C., S. D. N. Y., Doc. 47/291, *Robertshaw-Fulton Controls Co. v. Noma Electric Corp.*

2,123,699. (See 2,079,618.)

2,139,165, 2,169,070, 2,180,594, 2,180,595, 2,284,909, 2,301,550, H. J. Kuhlman, Corn harvester, filed Sept. 9, 1948, D. C., N. D. Iowa, Doc. 448, *General Implement Corp. of America v. The Galloway Co., Inc., et al.*

2,169,070. (See 2,139,165.)

2,172,449, Pelot & Gotz, Wood chipping machine, filed Sept. 1, 1948, D. C., N. D. N. Y., Doc. 3200, *Carthage Machine Co. v. The Diamond Match Co.*

2,180,594. (See 2,139,165.) 2,180,595. (See 2,139,165.)

2,186,692, Boyer & Boyer, Method of and apparatus for hand weaving, D. C., W. D. N. C., Doc. 589, *M. J. Boyer v. Colonial Yarn Products Co.* Consent dismissal Sept. 3, 1948.

2,206,989. (See 2,208,374.)

2,208,374, H. M. Lewis, Television receiving system, counterclaim Aug. 27, 1948, brings back deleted 2,206,989, H. A. Wheeler, Signal translating circuit; Re. 21,176, same, Radio-frequency inductance units, filed May 24, 1948, D. C., N. D. Ill., E. Div., Doc. 48c731, *Hazeltine Research, Inc., v. Admiral Corp.*

2,224,433, H. Holden, Air current deflector, filed Aug. 30, 1948, D. C. Mo. (Kansas City), Doc. 5296, *Blake Mfg. Co. et al. v. Martin Products Co. et al.* Same, filed Aug. 31, 1948, D. C., S. D. Ohio (Dayton), Doc. 979, *Blake Mfg. Co. et al. v. Peters & Russell, Inc., et al.*

2,236,447, 2,236,450, 2,236,451, 2,379,924, J. H. Roethel, Window guide, filed Sept. 8, 1948, D. C., E. D. Pa., Doc. 8847, *Marvel Equipment Corp. v. Lazel Mfg. Corp. et al.*

2,236,450. (See 2,236,447,) 2,236,451. (See 2,236,447.)

2,247,665, P. N. Ottersland, Chipper; 2,337,407, same, Knife mounting, filed Sept. 1, 1948, D. C., N. D. N. Y., Doc. 3199, *Carthage Machine Co. v. The Diamond Match Co.*

2,259,789, C. M. Akins, Hook for bumper jacks, filed Aug. 30, 1948, D. C. Minn. (Minneapolis), Doc. 2822, *Vulcan Mfg. Co., Inc., v. Scott-Atwater Mfg. Co., Inc.*

2,284,909. (See 2,139,165). 2,301,550. (See 2,139,165.)

2,327,468, W. M. Stocker, Art of severing webs, filed Sept. 8, 1948, D. C. N. J. (Newark), Doc. 11614, *Cameron Machine Co. v. E. F. Hill.*

2,337,407. (See 2,247,665.) 2,379,924. (See 2,236,447.)

2,419,809, R. S. Avery, Self-threading dispenser, filed Aug. 30, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 8586–PH, *Adhesive Development Co. v. Archer Label Co. et al.*

2,446,401, S. Ziskind, Window cleaner, filed Aug. 31, 1948, D. C., E. D. N. Y., Doc. 9311, *Safeway Specialty Corp. v. Bemco Auto Products Corp.*

2,447,354, M. A. Morrill, Rotary side delivery rake, filed Sept. 2, 1948, D. C. Nebr. (Omaha), Doc. 80/48, *West Coast Sales & Service Co. v. McGrath Mfg. Co., Inc.*

Re. 21,176. (See 2,208,374.)

Des. 149,979, U. Solstone, Plant container, filed Sept. 2, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 8607–PH, *U. Solstone v. Bishop Ceramics Co. et al.* Doc. 8608–Y, *U. Solstone v. W. R. Jalof Co. et al.* Doc. 8609–PH, *U. Solstone v. E. W. Photo Utilities et al.*

NOTICES

Classification Order No. 35

September 28, 1948

The following transfers are hereby ordered to take effect immediately:

Class 185, Motors; Class 293, Vehicle Fenders; Class 298, Land Vehicles, Dumping; and Class 305, Land Vehicles, Wheel Substitutes, from Division 45 to Division 28.

Class 263, Heating, from Division 28 to Division 30.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

Adjudicated Patents

(D. C. Del.) Smalley patent, No. 1,850,813, for a fuse, claims 1 to 13 *Held* invalid and not infringed. *Signalite Fuse Co. v. Fuse Indicator Corp.*, 78 F. Supp. 588, 78 USPQ 189.

(D. C. Mich.) Calvert patent, No. 1,908,218, for an abrasive stone holder, claim 1 *Held* invalid and not infringed. *Micromatic Home Corp. v. Mid-West Abrasive Co.*, 78 F. Supp. 641, 78 USPQ 13.

Disclaimers

Re. No. 19,719.—*Ralph E. Hall*, Mount Lebanon, Pa. WATER SOFTENING AND WASHING. Patent dated Oct. 8, 1935. Disclaimer filed Sept. 10, 1948, by the assignee, *Hall Laboratories, Inc.*

Hereby enters this disclaimer of claims 1, 2, 3, 4, 5, 6, 16, 18, 20, 21, 22, 24, 25, 26, 27, and 28.

2,035,652.—*Ralph E. Hall*, Mount Lebanon, Pa. WASHING AND CLEANSING. Patent dated Mar. 31, 1936. Disclaimer filed Sept. 10, 1948, by the assignee, *Hall Laboratories, Inc.*

Hereby enters this disclaimer of claims 9, 10, and 11.

2,207,775.—*Alda V. Bedford*, Collingswood, N. J. TELEVISION RECEIVER. Patent dated July 16, 1940. Disclaimer filed Sept. 13, 1948, by the assignee, *Radio Corporation of America.*

Hereby disclaims claims 1, 2, and 3 of said patent.

2,379,818.—*Warren P. Mason*, West Orange, N. J. COUPLING BETWEEN RESONATORS AND ELECTRON STREAMS. Patent dated July 3, 1945. Disclaimer filed Sept. 8, 1948, by the assignee, *Bell Telephone Laboratories, Incorporated.*

Hereby enters this disclaimer to claims 1 and 2 of said patent.

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not first inventors with respect to the claims listed.

Pat. 2,408,903, O. H. Biggs and H. Heins, Ultra high frequency generator, decided July 28, 1948, claims 1 and 4.

Pat. 2,416,345, J. E. Piccardo, Valve and air charger for pumps and storage tanks, decided Sept. 17, 1948, claims 15, 16, and 17.

Pat. 2,427,622, H. W. Rasmussen, Handle lock, decided Sept. 17, 1948, claims 2, 3, 4, and 5.

Interference Notice

The Big Store Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Marlboro Shirt Company, Inc., Lombard and Paca Sts., Baltimore, Md., for registration of a trade-mark and registration No. 277,138, issued November 4, 1930, to The Big Store Company, southeast corner of Seventh and Race Sts., Cincinnati, Ohio, and the notice of such declaration sent by registered mail to the said The Big Store Company at the said address having been returned by the post office undelivered, notice is hereby given that unless The Big Store Company, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order, the interference will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Sept. 15, 1948. *Assistant Commissioner of Patents.*

Cancellation Notice

Willoughby Camera Stores, Inc., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of The Spencer Company, 711 West Lake St., Chicago, Ill., to effect the cancellation of trade-mark registration of Willoughby Camera Stores, Inc., No. 300,972, dated February 14, 1933. The assignment records of this Office show a transfer of title to this registration to Robert B. Wheelan, New York, N. Y., joined as a respondent to defend the registration concerned. The Office having been unable to secure service upon the registrant or said Wheelan, notice is hereby given that unless they, their assigns, legal representatives, or other person claiming an interest in the registration shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Sept. 13, 1948. *Assistant Commissioner of Patents.*

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,445,522. DIRT RETAINER FOR CULVERTS AND PIPES. Patented July 20, 1948. Sectional bulkhead is adjustable to fit culverts and pipes of various diameters. It includes a plurality of segments having inner and outer arcuate edges with the inner edges forming an eccentrically positioned circular opening to receive a culvert. One end of each segment is offset to provide a supporting slip-joint for adjacent segments, and L-shaped brackets are welded to the ends of adjacent segments to receive bolts for holding the segments in adjusted position. Reinforcing angle braces are secured to the surface of the segments to prevent them from buckling. (Owner) Nicholas Fritsch, Graf, Iowa. Group 34—95. Reg. No. 10,016.

Pat. 2,445,010. SCARIFYING AND INOCULATING NEEDLE. Patented July 13, 1948. Veterinarian's needle is formed of a hollow tubular shank of uniform diameter. Upper end has openings to permit entrance of vaccine. Lower end has a piercing point through which vaccine discharges one drop at a time when skin of animal has been punctured. The point is formed with a conical recess forming a well or pool of vaccine, which cooperates with the column of vaccine in the needle to cause the vaccine discharged to form a drop. In use, the needle is inserted through the conventional stopper of a bottle. Bottle can thus be used as handle. (Owner) L. H. Thompson, 2204 La Casa Drive, Austin, Tex. Group 39—15. Reg. No. 10,017.

The following 11 patents are owned by Juan Loumiet, Apartado 1998, Havana, Cuba.

Pat. 2,015,076. CENTRIFUGAL SEPARATOR. Patented Sept. 24, 1935. Groups 29—11; 35—51. Reg. No. 10,018.

Pat. 2,360,066. GAS PURIFICATION SYSTEM. Patented Oct. 10, 1944. Groups 29—11; 35—51. Reg. No. 10,019.

These two patents pertain to a centrifugal separator for liquids entrained in a gas or vapor stream. A helical coil is utilized, having a lower outer edge that constitutes a continuous gutter in which liquid impurities separated are collected by the combined action of centrifugal force and gravity. The impurities are periodically withdrawn through tangentially positioned tubes which empty into traps that allow the extraction of liquids, but prevent the escape of gases. Thus the fluid undergoing purification is subjected to progressively increasing purification in its flow through the separator, every additional extraction increasing its exhaustion. The arrangement makes possible greater purification with smaller apparatus or loss of pressure.

Pat. 2,182,566. CENTRIFUGAL RECTIFICATION. Patented Dec. 5, 1939. According to this patent distillation and rectification are simultaneously accomplished. The vaporous products to be rectified are made to flow at great speed through successive turns of a curvilinear coil. A rectifying liquid is injected toward the center of the coil, causing the atomization of the liquid by the vapor stream being rectified and effecting intimate mixture of the vapor and the liquid, and the rectification of both. Separation of the rectified liquid in the coil is effected by subjecting the vapor and liquid to centrifugal force, after which the separated rectified liquids are extracted from drains on the exterior of the coils. Groups 29—11; 35—51. Reg. No. 10,020.

Pat. 2,193,460. SEPARATOR. Patented Mar. 12, 1940. In usual condensing processes minute particles entrained by the vapor stream constitute a nucleus around which more vapor condenses progressively. As cooling sets in, the particles grow in size until forced to separate from the vapor stream. According to this patent, the original particle, rich in low-volatility components, may be separated from the vapor before it is degraded by admixtures from successive condensations. Separation is obtained by the application of centrifugal force in which the mixed vapor is sent through a curved refrigerated coil where the vapor condenses progressively. Inertia causes the particles to strike the outer wall, where they are intermittently withdrawn through tubes tangentially placed on the coil. Groups 29—11; 35—51. Reg. No. 10,021.

Pat. 2,230,253. SEPARATION OF LIQUIDS. Patented Feb. 4, 1941. Broadly, this patent provides fractional vaporization of a mixture being distilled by causing a stream to flow successively through a series of confined zones heated at temperatures increasing from zone to zone progressively, causing the more volatile constituents of the mixture to be evaporated. The process makes available for recovery in each zone the specific heat contained in all liquid transmitted from zone to zone as well as all latent heat of vaporization contained in the vapors being transmitted. Groups 29—11; 35—51. Reg. No. 10,022.

Pat. 2,230,255. METHOD AND APPARATUS FOR PRODUCING INTIMATE CONTACT BETWEEN FLUIDS. Patented Feb. 4, 1941. Two non-miscible fluids of different densities are caused to circulate simultaneously in one direction at a high speed within a specially shaped conduit. The conduit used is of oval cross-section and wave-like in form so that alternate concavities and convexities occur along its length. At every undulation, centrifugal force tends to throw the denser fluid toward the outer part of the section, and the lighter fluid inwardly. On passing from a convexity to a concavity the fluids alternate their relative positions, crossing each other and causing the fluids of different densities to be thoroughly mixed. The process and apparatus have many uses: The cooling and condensation of distillation products, the rectification and purification of oils, water heating, etc. Groups 29—11; 35—51. Reg. No. 10,023.

Pat. 2,281,065. FLUID SEPARATION. Patented Apr. 28, 1942. To separate fluids or vapor mixtures of different densities, expanded vapors are forced to travel through several sections of a helical coil at high pressure. The temperature of the sections is regulated to promote condensation of the heavier constituent. Centrifugal force, induced by the travel of the fluid, causes all condensed liquid to be thrown outwardly to the side of the coil,

effecting a preliminary classification. Successive sections are subdivided into concentric zones, with a greater number of partitions. This enables any dense fluid entrained in the lighter stream in the course of earlier classification to be returned to the denser stream, the same readjustment being available to the lighter fluid. Groups 29—11; 35—51. Reg. No. 10,024.

Pat. 2,338,773. AUTOMATIC BOILER FEED REGULATOR. Patented Jan. 11, 1944. This patent discloses several arrangements for regulating the flow of water into a boiler to maintain a constant level. In one arrangement, a column composed of several fluids (one of which is a good conductor of electricity) is used, in which the fluids move vertically in accordance with changes in the level of water in the boiler. The water feed is regulated by making and breaking contact with electrodes appropriately located in the fluid passage. A fuel feed is made interdependent with the water feed, and adjusted to the needs of the system as the fluids rise and fall. For example, when the level of the conducting liquid is below a lower electrode, the motor is energized to open a feed valve, and, when above an upper electrode, causes the motor to reverse direction so that the valve is gradually closed. Groups 29—11; 35—51. Reg. No. 10,025.

Pat. 2,377,254. BOILER FEED REGULATING APPARATUS. Patented May 29, 1945. Groups 29—11; 35—51. Reg. No. 10,026.

Pat. 2,437,327. PROCESS FOR REGULATING STEAM GENERATORS AND AUTOMATIC FEED SYSTEMS FOR SUCH GENERATORS. Patented Mar. 9, 1948. Groups 29—11; 35—51. Reg. No. 10,027.

In these two patents the regulation of a steam generator is accomplished by proportionately feeding supplies of water, fuel, and air in accordance with either maximum or minimum requirements necessary to efficiently operate the generator. Constant adjustment is obtained by utilizing variations in the water level in the generator in proportion to the steam consumed to adjust the fuel, air, and water supply. In Pat. 2,377,254 a single drive motor associated with a constant volumetric discharge apparatus (proportional in speed to the motor) functions to drive a water feed pump, a fuel feed, and an air blower to maintain constant water level and steam pressure. Emphasis in Pat. 2,437,327 is in the primary regulation of the drive motor in accordance with variations in the steam pressure independently of variations in the water level, the regulation of water supply being likewise effected in accordance with variations in the water level independent of the variations in steam pressure. Several modifications are shown in both patents.

Pat. 2,423,397. STEAM BOILER REGULATING SYSTEM. Patented July 1, 1947. Automatic steam-boiler regulating system includes a coil formed of vertical tubes filled with non-miscible liquids of different densities. One end of the coil is connected to the steam zone of the boiler and the upper ends of two tubes connected to a horizontal capillary tube filled with mercury. The arrangement is such that the mercury column is shifted by movements of the liquids in the coils in accordance with variations of the water level in the boiler. The liquids are balanced by variations in the proportions of light and heavy liquid in each tube, counterbalancing changes in pressure. Double electrodes are arranged so that a control circuit is closed by bridging the electrodes. The current actuated by movement of the mercury varies the feed in accordance with variations in the column of mercury corresponding with the water level, etc. Groups 29—11; 35—51. Reg. No. 10,028.

Pat. 2,383,696. LAWN MOWER GEAR AND LOCKING DEVICE. Patented Aug. 28, 1945. A lawn mower gear is automatically locked to the operating shaft through overrun cam clutch action and the use of a roller-like locking pin connected to a leaf spring. Spring is counterseated in the gear and tensioned clipped about the shaft. A stepped cam is provided on the gear for action on the pin to automatically lock and unlock the gear and shaft according to the direction of rotation of the pinion. The pinion and pin are interchangeable from one end to the other of the shaft. The device is designed to be dirt- and dust-proof and to permit convenient lubrication. May be quickly removed. (Owner) Albert E. Thompson, 33 Valley St., Lawrence, Mass. Group 35—22. Reg. No. 10,029.

Pat. 2,443,372. FASTENER. Patented June 15, 1948. Fastener is, among various other uses, designed to detachably secure buttons or ornaments to garments. A safety-pin-like structure of resilient wire has button-holding jaws extending upward from upper part of pin. Jaws open and close with the pin, penetrating the fabric and securing the buttons, etc. (Owner) Frederick A. Bertram, 6526 Selma Ave., Hollywood 28, Calif. Groups 39—99; 40. Reg. No. 10,030.

Pat. 2,401,962. MEASURING INSTRUMENT. Patented June 11, 1946. A device for making pressureless micrometric measurements. An electron-ray tube gives a visible signal when a pair of calipers, micrometer, or the like come into contact with an object. The grid of the electron-ray tube is made positive with regard to the anode and the target, plate current flows, and a shadow appears on the target. (Owner) William E. Reynolds, 1515 Van Dyke Ave., San Francisco 24, Calif. Groups 35—43; 36—92. Reg. No. 10,031.

Pat. 2,445,514. DOOR HOLDER AND STOP. Patented July 20, 1948. A combined door bumper and holder has a body member which is screwed near lower edge of a door. A plunger or piston is mounted on projecting end of the body member, having a recessed end which slides into a cylinder located in the extension of a suction cup. When door is opened, the suction cup hits the baseboard and holds the door. Sudden attempts to close the door, thus withdrawing the piston from the cylinder, are resisted by increased suction and by frictional engagement, but a steady pressure on the door causes its disengagement. The suction cup is self-attaching and is retained on the baseboard in proper alignment with the piston. Device may be mounted on baseboard, and suction cup attach itself to a door. (Owner) Henry P. Clausen, 23 Ogden Ave., White Plains, N. Y. Groups 33—59; 40. Reg. No. 10,032.

Pat. 2,447,269. ELECTROTHERAPEUTIC APPARATUS. Patented Aug. 17, 1948. This apparatus for treatment of flat feet and weak ankles consists of an electrically heated roller mounted on a support having adjustable heat-radiating wings at opposite ends. When roller has been heated to desired temperature, user places the sole of his foot upon the roller and moves roller backward and forward. At same time the ankles may be "baked" by heat radiated from wings. Temperature may be regulated by a rheostat, and time of treatment by a time switch. (Owner) Frederick Myers, 43 Sullivan St., Charlestown 29, Mass. Group 36—92. Reg. No. 10,033.

Pat. 2,428,534. CLEAN SWEEP COUNTER AND STOOL CONSTRUCTION. Patented Oct. 7, 1947. Construction of this lunch counter and stool is designed to simplify the cleaning of lunchroom or restaurant floors. A conventional rotating stool seat fitted to an upright standard, which is bent somewhat in the form of a J (with the end of the loop turning downward), is used in combination with a ramp arrangement down which crumbs, etc., falling from the counter may slide. The ramp, an inclined

plate extending from counter wall to floor, is supported by a concealed bracket. The lower part of the upright standard passes through an opening in the ramp and is bolted to the floor. The bend in the upright standard above the ramp clears the floor to allow access for a push-broom. A foot rail is included in the structure. Model in use. (Owner) Ira O. Stelzer, 1738 N. W. 114th St., Miami 38, Fla. Group 25—21—22—41. Reg. No. 10,034.

Pat. 2,308,657. COCKTAIL SHAKER. Patented Jan. 19, 1943. Reg. No. 10,035.

Pat. 2,387,151. COCKTAIL SHAKER. Patented Oct. 16, 1945. Reg. No. 10,036.

These two patents cover a number of embodiments of a cocktail or beverage shaker (a) into which ice and ingredients are loaded together for the usual quick chilling and expected initial dilution, (b) in which after initial chilling the remaining ice and the drink are segregated by merely orienting the shaker, and (c) in which the remaining ice serves to maintain the drink cold but without further diluting it. (Owner) Charles T. Jacobs, Box 352, Orange, N. J. Groups 32—29; 34—63; 39—81; 40.

Des. Pat. 149,602. SPECTACLE HOLDER ATTACHMENT FOR TELEPHONES. Patented May 11, 1948. Shaped base has four upstanding flanges which grip the sides of a standard handset phone. Extending from the rear flange is an upright T-shaped holder provided with a slotted head in which a pair of spectacles may be rested. Holder may be made of plastic or of stamped sheet metal. (Owner) Mrs. Grace H. Yost, 6837 Kingsbury Blvd., St. Louis, Mo. Groups 33—73; 39—81; 40. Reg. No. 10,037.

Des. Pat. 150,512. TOBACCO HUMIDOR. Patented Aug. 10, 1948. A barrel-shaped humidor rests horizontally on a standard which has an ash tray at one end. (Owner) Michael Pendriss, Route 2, South Burlington, Vt. Groups 25—99; 32—29, 40. Reg. No. 10,038.

United States Government Owned Patents

The following patents have been assigned to the United States as represented by the Secretary of Agriculture. Licenses to practice the inventions will be issued on a royalty-free, non-exclusive, non-transferable, revocable basis. Applications for licenses should be addressed to the Bureau of Agricultural and Industrial Chemistry, U. S. Department of Agriculture, Washington 25, D. C.

Pat. 2,438,300. PROCESS FOR THE PURIFICATION OF ACETIC ACID BY AZEOTROPIC DISTILLATION. Patented Mar. 23, 1948. (Granted under the act of Mar. 3, 1883, as amended April 30, 1928; 370 O. G. 757.) Acetic acid occurs as a byproduct in the manufacture of butadiene from 2,3-butylene glycol diacetate. The patent covers the method of separating acetic acid from the mixture obtained by continuously adding water and continuously distilling off the water-azeotropes of other constituents of the mixture. After this treatment, acetic acid may be separated by simple distillation. Group 28—61. Reg. No. 10,039.

Pat. 2,442,141. METHOD FOR PRODUCTION OF PENICILLIN, Patented May 25, 1948. (Granted under the act of Mar. 3, 1883, as amended April 30, 1928; 370 O. G. 757.) Penicillin is produced by incubating a penicillin-producing mold in an aqueous nutrient medium. The main nutrients are an assimilable carbon source and a proteinaceous substance. A portion of each is added at the beginning of the fermentation and additional increments are added during the period to compensate for that used up by the mold. The effect of this technique is to increase the overall yield of penicillin. Group 28—31. Reg. No. 10,040.

Pat. 2,442,928. FOOD PRODUCTS AND METHOD OF MAKING THEM. Patented June 8, 1948. (Granted under the act of Mar. 3, 1883, as amended Apr. 30, 1928; 370 O. G. 757.) Starch, if pasted with water and gelatinized, may be frozen to form a product which, upon thawing, is porous and spongy. This phenomenon is utilized in the preparation of novel food products. A wide variety of food ingredients and flavors may be incorporated in the starch paste before freezing. The dried sponge, with or without such added ingredients, may be coated or admixed with other foods to make cookies, candy, and the like. The products have a pleasing crisp or crunchy texture. Group 20—94—99. Reg. No. 10,041.

Pat. 2,443,919. FERMENTATION PROCESS FOR PRODUCTION OF α-KETOGLUTARIC ACID. Patented June 22, 1948. (Granted under the act of Mar. 3, 1883, as amended Apr. 30, 1928; 370 O. G. 757.) A nutrient medium containing gluconic acid or a soluble gluconate salt is inoculated with bacteria of the genus Pseudomonas. The desired product is obtained by continuing the fermentation beyond the stage at which 2-ketogluconic acid is formed. The submerged aerated technique is employed. Group 28—89. Reg. No. 10,042.

Pat. 2,443,989. METHOD FOR PRODUCTION OF PENICILLIN. Patented June 22, 1948. (Granted under the act of Mar. 3, 1883, as amended Apr. 30, 1928; 370 O. G. 757.) Penicillin is produced in greatly increased yield by the submerged aerated technique. A penicillin-producing mold is cultivated in an aqueous nutrient medium containing a source of assimilable carbon and a degraded proteinaceous material along with inorganic nutrients. The medium is agitated and aerated for a period of two to seven days. Group 28—31. Reg. No. 10,043.

Pat. 2,444,241. SOY WHIP. Patented June 29, 1948. (Granted under the act of Mar. 3, 1883, as amended Apr. 30, 1928; 370 O. G. 757.) A light, foamy whip similar to beaten egg whites is manufactured from soybean meal. The whip does not possess a beany, grassy, or bitter flavor and may be utilized to introduce protein into candies and like materials, as a dessert topping, icing, etc. The material is obtained from soybean flakes that have been freed from oil and other alcohol sclubles. The flakes are extracted with water and a proteinaceous material recovered from the extract from which the whip is made. Groups 20—71—99; 28—23. Reg. No. 10,044.

Pat. 2,445,128. BIOLOGICAL PROCESS FOR THE PRODUCTION OF RIBOFLAVIN. Patented July 13, 1948. (Granted under the act of Mar. 3, 1883, as amended Apr. 30, 1928; 370 O. G. 757.) Riboflavin is produced in large yields by cultivating the microorganism, *Ashbya gossypii*. The fermentation is carried out under aerobic conditions in a medium containing a fermentable carbohydrate and a proteinaceous material. Particularly advantageous results are obtained when the proteinaceous material includes a constituent derived from an animal source together with a constituent derived from a plant source. Group 28—31. Reg. No. 10,045.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 12, 1948

[VOL. 615. No. 2]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 521,318. BRANNAN AND ROSS CHEMICAL PRODUCTS CO., Dallas, Tex. Filed Apr. 25, 1947.

B and R

FOR SPOT REMOVER.
Claims use since Apr. 10, 1946.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 487,989. BROEMMEL'S PHARMACEUTICALS, San Francisco, Calif. Filed Sept. 5, 1945.

INO-CHOLINE

The term "Choline" is disclaimed apart from the mark.
FOR VITAMIN B COMPLEX COMPOUND IN TABLET FORM.
Claims use since July 16, 1945.

Ser. No. 516,290. JEAN-PASCAL LORRIAUX & CO., Paris, France. Filed Jan. 24, 1947.

oh! Please

FOR PERFUMES.
Claims use since Feb. 12, 1946.

Ser. No. 517,687. ADVANCE SOLVENTS & CHEMICAL CORPORATION, New York, N. Y. Filed Feb. 18, 1947.

ADVAWET

FOR CHEMICAL WETTING AGENTS, EMULSIFIERS FOR PAINTS, VARNISHES, RESINS, AND OILS.
Claims use since July 15, 1943.

Ser. No. 518,324. REVLON PRODUCTS CORPORATION, New York, N. Y. Filed Feb. 28, 1947.

"Fashionplate"

FOR CREAM WAFER MAKE-UP AND CAKE MAKE-UP.
Claims use since May 14, 1946.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 523,028. LEO W. KENNEDY, doing business as L. W. Kennedy Company, Detroit, Mich. Filed May 26, 1947.

KENCO

FOR COMBINATION METAL AND GLASS DOORS FOR THE ENTRANCEWAY OF STORES AND OTHER BUILDINGS.
Claims use since Apr. 30, 1947.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 525,619. P. LORILLARD COMPANY, New York, N. Y. Filed July 2, 1947.

Common Sense

FOR SMOKING TOBACCO.
Claims use since 1899.

CLASS 19

VEHICLES

Ser. No. 521,936. STATE WELDING WORKS, INC., New York, N. Y. Filed May 5, 1947.

"STATE WELD"

The word "Weld" is disclaimed apart from the mark shown.

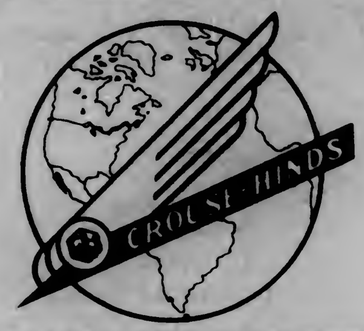
FOR AUTOMOBILE RADIATOR GUARDS, COLLAPSIBLE STEP FOR VEHICLES, AND AUTOMOBILE LUGGAGE CARRIERS.

Claims use since Mar. 1, 1947.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 503,553. CROUSE-HINDS COMPANY, Syracuse, N. Y. Filed June 10, 1946.



Applicant disclaims rights for the words "Crouse-Hinds" apart from the mark as shown in the drawing.

FOR ELECTRICAL APPARATUS FOR AIRPORTS—NAMELY, BEACONS, FLOODLIGHTS, SEARCHLIGHTS, BOUNDARY LIGHTS, OBSTRUCTION LIGHTS, RANGE LIGHTS, MARKER LIGHTS, RUNWAY LIGHTS, CONTACT LIGHTS, UNDERGROUND JUNCTION BOXES, TRAFFIC SIGNALS COMPRISING LIGHTING UNITS FOR INDICATING THE APPROACH, LANDING, TAKE-OFF, AND TAXI OPERATIONS OF AIRPLANES AT THE AIRPORT, AND HANGAR LIGHTING & WIRING APPARATUS.

Claims use since Mar. 20, 1946.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 512,159. COAST-A-WAY TOYS, Petersburg, Ohio. Filed Nov. 7, 1946.

Coast-A-Way

No claim is made to the word "Coast" or to the representation of the goods apart from the mark shown.

FOR TOY WAGONS AND WHEELED VEHICLES USED ON TOY ROLLER COASTERS AND TRACKS THEREFOR.

Claims use since Oct. 1, 1946.

Ser. No. 516,969. LEO EHRFMAN, doing business as A-Jus-Tee Co., Long Island, N. Y. Filed Feb. 5, 1947.

A-JUS-TEE

The word "Tee" is disclaimed apart from the mark.

FOR GOLF TEES.

Claims use since Nov. 1, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 501,232. MAXON CONSTRUCTION COMPANY, INC., Dayton, Ohio. Filed May 2, 1946.

DUMPCRETE

FOR DUMPING CONTAINERS FOR ATTACHMENT TO AND OPERATION FROM TRUCKS, AND INCLUDING OPERATING MECHANISM FOR RAISING AND DUMPING THE SAME AND WITH A CHUTE ASSOCIATED THEREWITH, FOR USE IN TRANSPORTING READY MIXED CONCRETE.

Claims use since Dec. 27, 1945.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 521,427. B-L ELECTRIC MANUFACTURING COMPANY, St. Louis, Mo., assignor to The Benwood-Linze Company, a corporation of Missouri. Filed Apr. 28, 1947.

HYDROTHERMATIC

No exclusive claim is made to "Hydro" except in combination with "Thermatic."

FOR A SYRINGE WHICH IS PROVIDED WITH A FLOAT THAT WILL, WHEN SURROUNDED BY THE ELECTROLYTES OF ELECTRIC STORAGE BATTERIES, INDICATE THE TIME OF CHARGE AND THE CONDITION OF THE ELECTROLYTES AFTER CHARGING, AND WHICH THUS CONSTITUTES A TEST UNIT TO TEST THE CONDITION OF ELECTROLYTES OF ELECTRICAL EQUIPMENT.

Claims use since Mar. 26, 1947.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 511,150. R. GRELL & CO., INC., New York, N. Y. Filed Oct. 19, 1946.

TRANS-WORLD

FOR WATCHES, WATCH MOVEMENT, WATCHCASES AND PARTS THEREOF.

Claims use since July 31, 1946.

Ser. No. 523,706. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed June 7, 1947.



Applicant is the owner of trade-mark registration No. 184,904 (renewed).

FOR WATCHES, WATCH MOVEMENTS AND PARTS THEREOF, AND WATCHCASES.

Claims use since August 1922.

Ser. No. 524,726. SELF WINDING CLOCK COMPANY, INC., Brooklyn, N. Y. Filed June 24, 1947.

FOR CLOCKS, TIME CLOCKS, CONTROL CLOCKS AND CLOCK CONTROLLED SIGNAL SELECTORS.

Claims use since February 1934.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 515,917. FRANK M. TRITICO, doing business as Tritico Mattress Factory, Lake Charles, La. Filed Jan. 17, 1947.



No claim is made to the word "Mattress." The portraits shown in the drawing are fanciful.

FOR MATTRESSES.

Claims use since Oct. 14, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 509,421. HAMILTON ROSS JETFLOW CORPORATION, Chicago, Ill. Filed Sept. 20, 1946.

JET flow

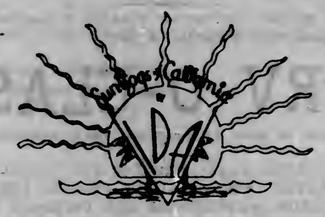
FOR FOUNTAIN PENS.

Claims use since July 2, 1946.

CLASS 39

CLOTHING

Ser. No. 510,284. SUNITOGS OF CALIFORNIA, San Francisco, Calif. Filed Oct. 4, 1946.



The word "California" is disclaimed apart from the mark as shown.

FOR UNIT ASSEMBLY CONSISTING OF READY CUT MATERIAL, STAMPED DESIGN, EMBROIDERY THREAD, AND SEWING GUIDE CHART FOR MAKING A CHILD'S PINAFORE.

Claims use since Aug. 21, 1946.

Ser. No. 511,995. GAMBLE-SKOGMO, INC., Minneapolis, Minn. Filed Nov. 4, 1946.



The drawing is lined for the color gold. No claim is made to the outline representation of the label.

FOR WORK GLOVES, WORK SHIRTS, DENIM JACKETS, WAIST BAND AND BIB OVERALLS, AND WORK SUITS.

Claims use since June 1, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 511,811. THE B. F. GOODRICH COMPANY, Akron, Ohio, and New York, N. Y. Filed Oct. 31, 1946.

Koroseal

FOR COATED AND IMPREGNATED FABRICS OF NATURAL AND SYNTHETIC FIBERS (INCLUDING COTTON, RAYON, NYLON, AND GLASS); AND FLEXIBLE PLASTIC FILM; ALL SOLD IN SHEET FORM FOR MAKING INTO GARMENTS, UMBRELLAS, DRAPERIES, AND THE LIKE.

Claims use since 1936 for the word "Koroseal"; but since 1939 for the word "Koroseal" in script lettering.

Ser. No. 522,097. IRVINGTON VARNISH & INSULATOR CO., Irvington, N. J. Filed May 8, 1947.

IRV-O-GLAS

No claim is made to the word "Glas" apart from the mark.

FOR COATED GLASS FIBER CLOTH IN THE PIECE FOR MAKING INTO AWNINGS, COVERS FOR IRONING BOARDS, MATTRESSES AND PILLOWS, FURNITURE COVERS, LAMP SHADES, AND THE LIKE.

Claims use since Jan. 29, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 501,166. MINNIE CUNNINGHAM, San Mateo, Calif. Filed Apr. 30, 1946.

DAPAD

FOR ABSORBENT BED PADS MADE OF GAUZE-COVERED ABSORBENT PAPER FOR HOSPITAL BEDS.

Claims use since Dec. 22, 1944.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 517,503. MIDWESTERN BEVERAGE LABORATORIES, INC., St. Louis, Mo. Filed Feb. 14, 1947.

WINK

FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS CARBONATED BEVERAGES, SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME.

Claims use since Jan. 16, 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 513,636. PH. ORTH COMPANY, Milwaukee, Wis. Filed Dec. 3, 1946.

FRY-D-LITE

FOR DOUGHNUT FLOUR.

Claims use since February 1940.

Ser. No. 516,111. AKTIENGESELLSCHAFT CHOCOLAT TOBLER, Bern, Switzerland. Filed Jan. 22, 1947.



The lining on the drawing does not indicate any particular color.

FOR CHOCOLATE, COCOA POWDER, ASSORTED CHOCOLATES, AND CANDY.

Claims use since December 1944.

Ser. No. 516,562. NATIONAL TEA CO., Chicago, Ill. Filed Jan. 29, 1947.

NATCO

Applicant is the owner of registration No. 428,490.

FOR FLAVOR EXTRACTS FOR FOOD PURPOSES—NAMELY, VANILLA, ALMOND, ORANGE, AND LEMON.

Claims use since Nov. 25, 1946.

Ser. No. 516,921. WALTER F. ROTHE, doing business as The Mustato Company, Washington, D. C. Filed Feb. 4, 1947.

MUSTATO

FOR SAUCE MADE OF TOMATOES AND SPICES TO BE USED ON MEATS, SALADS, AND VEGETABLES.

Claims use since Feb. 1, 1947.

Ser. No. 524,247. RALPH KILLINGSTAD, doing business as Killingstad Farms, Brownsville, Tex. Filed June 16, 1947.

BANCO

FOR FRESH TOMATOES.

Claims use since Mar. 27, 1945.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 505,139. WILLIAM B. WARD, doing business as William B. Ward Co., Kansas City, Mo. Filed July 5, 1946.

WARD-BORD

The words "Ward-Bord" are disclaimed apart from the mark.

FOR BULLETIN BOARDS.

Claims use since Jan. 1, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.

As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 523,607. F. H. PEAVEY & COMPANY, Minneapolis, Minn. Filed Apr. 29, 1948.

CUSTER



The trade-mark consists in the name "Custer" in combination with a representation of that deceased celebrity on horseback.

FOR AGRICULTURAL SEEDS—NAMELY, FIELD CROP SEEDS.

Claims use since Feb. 8, 1939.

Ser. No. 523,608. F. H. PEAVEY & COMPANY, Minneapolis, Minn. Filed Apr. 29, 1948.

Pv

FOR AGRICULTURAL SEEDS—NAMELY, FIELD CROP SEEDS.

Claims use since January 1947.

Ser. No. 527,184. FOUKE FUR COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

FOUKE
ST. LOUIS

Applicant makes no claim to the words "St. Louis" apart from the mark. Applicant claims ownership of registrations Nos. 151,130, 194,582, 321,309, and 418,557.

FOR FUR SEALSKINS.

Claims use since May 8, 1924.

Ser. No. 527,196. FOUKE FUR COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

FOUKE
ST. LOUIS
DRESSING & DYE

Applicant makes no claim to the words "St. Louis" and "Dressing & Dye" apart from the mark. Applicant claims ownership of registrations Nos. 151,130, 194,582, 321,309, and 418,557.

FOR FURS, SKINS, HIDES, AND PELTS.

Claims use since May 23, 1921.

Ser. No. 527,289. THE CONSOLIDATED COAL COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

BUCKHORN

Applicant claims ownership of registration No. 360,598.

FOR COAL.

Claims use since Feb. 15, 1938.

Ser. No. 527,445. THE CONSOLIDATED COAL COMPANY, St. Louis, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

Mount Olive

FOR COAL.

Claims use since 1905 as to "Mount Olive"; and since 1924 in its present form.

Ser. No. 529,374. GUDE BROTHERS CO., Washington, D. C. Filed July 24, 1947. Under section 2f of the act of 1946.

Gude's
GUDE BROTHERS CO.

"Say it with flowers"

The exclusive right to use the words "Say it with Flowers" and "Brothers Co." are disclaimed apart from the mark shown. Applicant claims ownership of registration No. 74,812.

FOR NATURAL FLOWERS AND NATURAL PLANTS AND FLORAL DECORATIONS MADE OF NATURAL FLOWERS.

Claims use since Apr. 1, 1941.

Ser. No. 542,662. FRED RUEPING LEATHER COMPANY, Fond du Lac, Wis. Filed Nov. 28, 1947.

TOMAHAWK

FOR LEATHER.

Claims use since Sept. 9, 1947.

CLASS 2

RECEPTACLES

Ser. No. 544,327. THE CRAFT BAG CORPORATION, Brooklyn, N. Y. Filed Dec. 15, 1947.

LAUNDROBAG

FOR PAPER BAGS.

Claims use since Nov. 26, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 542,895. TREASURE COMPANY, Milwaukee, Wis. Filed Dec. 1, 1947.

Treasure-Fold

The word "Fold" is disclaimed apart from the mark.

FOR MEN'S BILLFOLDS.

Claims use since May 1938.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 532,404. BAY STATE ABRASIVE PRODUCTS COMPANY, Westboro, Mass. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

BAY STATE

Applicant claims ownership of registration No. 345,340.

FOR GRINDING, ABRADING, POLISHING, CUTTING-OFF, AND KNIFE SHARPENING WHEELS; CYLINDER HONING STONES, RUBBING BRICKS, MARBLE FINISHING STONES, TERRAZZO RUBBING STONES, OIL STONES, ABRASIVE STICKS, PENCILS, AND STONES.

Claims use since Dec. 1, 1925.

Ser. No. 541,859. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Nov. 15, 1947.



FOR SOAP, DRY CLEANING COMPOUND, GENERAL CLEANING OR WASHING COMPOUNDS FOR USE IN HOMES, FACTORIES, AND OFFICES, TOILET BOWL CLEANER, GLASS CLEANER, RUG AND CARPET CLEANER, METAL POLISH, AND COMPOUNDS FOR USE IN CLEANING AND POLISHING PORCELAIN, PAINTED, AND SIMILAR SURFACES.

Claims use since 1920.

Ser. No. 544,580. SCIENTIFIC SUPPLY CO., INC., Denver, Colo. Filed Jan. 12, 1948.

"MUST"

FOR POWDERED SOAP AND WASHING COMPOUNDS FOR LAUNDRY PURPOSES.

Claims use since Oct. 30, 1947.

Ser. No. 550,501. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Feb. 25, 1948.

Golden Key

Applicant claims ownership of registrations Nos. 220,795 and 244,325.

FOR LIQUID PREPARATION FOR CLEANING GLASS, AND A GENERAL HOUSEHOLD CLEANSER IN POWDER FORM.

Claims use since Mar. 8, 1930, on the cleanser in powder form; and since Feb. 20, 1942, on the liquid cleaner.

Ser. No. 550,502. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Feb. 25, 1948.

Golden Key

Applicant claims ownership of registrations Nos. 220,795 and 244,325.

FOR PREPARATION IN POWDER FORM FOR CLEANING CLOSET BOWLS.

Claims use since Mar. 5, 1938.

Ser. No. 550,503. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Feb. 25, 1948.

Golden Key

Applicant claims ownership of registrations Nos. 220,795 and 244,325.

FOR CLEANSER PADS CONTAINING SOAP FOR CLEANING KITCHENWARE AND ALUMINUM; A PREPARATION IN POWDER FORM FOR GENERAL HOUSEHOLD CLEANING, HAVING INCIDENTAL WATER SOFTENING PROPERTIES; AND A PREPARATION IN LIQUID FORM FOR CLEANING WHITE SHOES.

Claims use since Sept. 1, 1945, on cleanser pads; since Mar. 14, 1936, on general household cleaner; and since Mar. 12, 1935, on liquid for cleaning white shoes.

Ser. No. 550,693. GRIFFIN MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Feb. 27, 1948. Under section 2f of the act of 1946.

GRIFFIN



Applicant claims ownership of registrations Nos. 75,292, 135,250, 190,017, 210,467, 279,625, 281,972, 310,170, 382,091, 382,649, 405,014, 405,015, 405,016, 405,018, and 405,019.

FOR CLEANING FLUID FOR WEARING APPAREL, FABRICS, UPHOLSTERY, AND CARPETS; AND LIQUID PREPARATION FOR CLEANING AND POLISHING SHOES.

Claims use since February 1915.

Ser. No. 550,792. THE CUDAHY PACKING COMPANY, Chicago, Ill. Filed Feb. 28, 1948.



Applicant claims ownership of registrations Nos. 50,697, 68,007, 68,213, 139,514, 224,182, and 231,395.

FOR SOAP POWDER COMBINED WITH MINERAL INGREDIENTS.

Claims use since Jan. 1, 1905.

Ser. No. 551,167. CARBOLITE CORPORATION, Maywood, Ill. Filed Mar. 4, 1948.

Teratone

FOR CLEANSER AND RENOVATOR FOR TERRAZO FLOORS.

Claims use since August 1947.

Ser. No. 552,294. THE M. WERK COMPANY, St. Bernard, Ohio. Filed Mar. 18, 1948.

RED MILL
SOLID NEUTRAL RED OIL SOAP

The lining on the drawing is for shading purposes only. Applicant disclaims as part of the trade-mark the descriptive words "Solid Neutral Red Oil Soap."

FOR SOAP.

Claims use since May 1, 1935.

Ser. No. 559,545. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed June 17, 1948.

WATEX

Applicant claims ownership of registration No. 235,617.

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.

Claims use since Apr. 25, 1927.

Ser. No. 560,157. ARMOUR AND COMPANY, Chicago, Ill. Filed June 25, 1948.

Chiffon

FOR SOAP.

Claims use since December 1936.

Ser. No. 560,221. NETTIE ROSENSTEIN, INC., New York, N. Y. Filed June 25, 1948.

TEANNE

FOR TOILET SOAP.

Claims use since June 17, 1948.

Ser. No. 560,222. NETTIE ROSENSTEIN, INC., New York, N. Y. Filed June 25, 1948.

TIANNE

FOR TOILET SOAP.

Claims use since June 17, 1948.

Ser. No. 560,267. HOBB-SWETNAM COMPANY, INC., Wichita Falls, Tex. Filed June 26, 1948.

DUNK

FOR CLEANSER FOR REMOVING GUM, CARBON, AND GREASE FROM ANY TYPE METAL AND PARTICULARLY CARBURETORS, FUEL PUMPS, AND MOTOR BLOCKS.

Claims use since Sept. 1, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 476,302. NOPCO CHEMICAL COMPANY, Harrison, N. J., by change of name from National Oil. Filed Sept. 6, 1947.

Foam

The word "Foam" is disclaimed apart from the mark as a whole.

FOR SHAMPOO.

Claims use since Aug. 31, 1944.

Ser. No. 522,765. FURST-McNESS COMPANY, Freeport, Ill. Filed Sept. 26, 1947. Under section 2f of the act of 1946.

McNess

Applicant claims ownership of registrations Nos. 181,794 and 304,960.

FOR ROUND WORM REMEDY, CHOCOLATE FLAVORED LAXATIVE, HEADACHE TABLETS, BABY TALCUM, TOOTH POWDER, COUGH DROPS, LAXATIVE HERB TEA, INSECTICIDES, MINERALIZED POULTRY TONIC, ANTISEPTIC SOLUTION, AROMATIC COMPOUND FOR TREATMENT OF DIARRHOEA, COLIC AND CRAMPS DUE TO GAS, LINIMENT FOR MUSCULAR ACHES AND PAINS, COUGH SYRUP, MOUTH WASH AND GARGLE, NOSE DROPS, ANTI-PAIN OIL, BEEF IRON WINE AND MALT TONIC, VITAMIN B TONIC, VAPOR INHALANT FOR TREATMENT OF CONGESTION OF THE NASAL PASSAGES, ANTI-PAIN TABLETS, ASPIRIN, COLD TABLETS, LAXATIVE HERB TABLETS, MILK OF MAGNESIA TABLETS, MENTHOLATED OINTMENT, MUSTARD OINTMENT, SALVE FOR EXTERNAL USE, EFFERVESCENT ALKALIZER, VITAMIN A-B-D-G CAPSULES, VITAMIN A-D TABLETS, VITAMIN B COMPLEX CAPSULES, VITAMIN B COMPLEX TABLETS, HALIBUT LIVER OIL CAPSULES, MULTI-VITAMIN & MINERAL TABLETS, MULTI-VITAMIN CAPSULES, YEAST & IRON TABLETS, COSMETIC CAKE MAKE-UP, CLEANSING CREAM, COLOGNE, VANISHING CREAM, COLD CREAM, AFTER SHAVE LOTION, HAIR POMADE, HAIR TONIC, FACE & HAND LOTION, LIPSTICK AND ROUGE, ROSE POMADE, COCOANUT OIL SHAMPOO, PLANT INSECT SPRAY, MOTH PROOFING SOLUTION, CALF SCOUR CAPSULES, PREPARATION FOR TREATMENT OF DISEASES IN POULTRY IN THE FORM OF TABLETS, PREPARATION FOR THE TREATMENT OF COLIC AND BLOAT, LICE POWDER, MINERALIZED STOCK TONIC, AND LAXATIVE SYRUPS.

Claims use since Oct. 15, 1940.

Ser. No. 523,418. THE PERFEX COMPANY, Shenandoah, Iowa. Filed Dec. 18, 1947.

GlossTex

Without waiver of applicant's common-law right, no claim is made to the word "Gloss" apart from the mark as shown.

FOR LAUNDRY STARCH.

Claims use since Jan. 6, 1947.

Ser. No. 536,207. WYETH INCORPORATED, Philadelphia, Pa. Filed Nov. 20, 1947. Under section 2f of the act of 1946.

Applicant claims ownership of registrations Nos. 68,110, 104,497, and 319,304.

FOR CHEMICAL, MEDICINAL, PHARMACEUTICAL, MYCOLOGICAL, BIOLOGICAL, NUTRITIONAL AND COSMETIC PRODUCTS—NAMELY, ALLERGENS; ALUMINA GELS—NAMELY, PLAIN, WITH MAGNESIUM TRISILICATE, WITH LIQUID PETROLATUM, FOR DENTAL PURPOSES, ALUMINUM PHOSPHATE; AMBOCEPTORS; ANTIBIOTICS—NAMELY, PENICILLIN, STREPTOMYCIN, TYROTHRICIN; ANTIGENS—NAMELY, DUCREY, FREI; ANTISERA—NAMELY, B. TULARENSE; ANTITOXINS—NAMELY, DIPHTHERIA, DYSENTERY, GAS GANGRENE, SCARLET FEVER, SCARLET FEVER STREPTOCOCCUS, STAPHYLOCOCCUS, TETANUS, TETANUS GAS GANGRENE; BACTERINS—NAMELY, CATARRHALIS VACCINE; CAPSULES AND GLOBULES CONTAINING APIOL AND ERGOTIN COMPOUND, ASPIRIN, ASPIRIN COMPOUND, BEEF LIVER WITH IRON, PRO-VITAMIN A, PRO-VITAMIN A WITH VITAMIN D, COLCHICINE METHYL SALICYLATE, CYSTINE, CALCIUM PHOSPHATE COMPOUND WITH VIOSTEROL, DIGITALIS, EPHEDRINE SULFATE, PENTOBARBITAL, QUININE SULFATE, SALOL CUBEB AND COPAIBA, SALOL CUBEB AND SANTAL, SANTOL OIL, VITAMINS A, B, B-COMPLEX, D; CITRATED SHEEP BLOOD; COLD CREAM; CORDIALS—NAMELY, BUCHU; DIAGNOSTICS—NAMELY, STAINS; ELIXIRS—NAMELY, AMINOPYRINE AND POTASSIUM BROMIDE COMPOUND AROMATIC, B-COMPLEX, YEAST CONCENTRATE, VITAMIN B-1 AND B-2, JUNIPER AND POTASSIUM ACETATE, CALISAYA, CALISAYA WITH IRON AND STRYCHNINE, CATNEP AND FENNEL, SYNTHETIC WILD CHERRY, CHOLINE CHLORIDE, DIGESTIVE FERMENTS, CREOSOTE AND TERPIN HYDRATE, DIURETIC, FIVE BROMIDES, GENTIAN GLYCERINATED, GLYCERO PHOSPHATES WITH SODA AND LIME HYDRASTINE AND CRAMP BARK, PEPSIN, PHENOBARBITAL, RHUBARB, SIX GLYCEROPHOSPHATE, SAW PALMETTO AND SANTAL, SODIUM SULFOCYANATE, TERPIN HYDRATE, TERPIN HYDRATE AND CODEINE, TERPIN HYDRATE CODEINE AND WILD CHERRY, THIAMINE HYDROCHLORIDE, THIAMINE CHLORIDE, STRONTIUM SALICYLATE, THREE BROMIDES; FLUID EXTRACTS—NAMELY, ARNICA, BELLADONNA LEAF, BLACK COHOSH, BUCHU, CASCARA SAGRADA, CIMICIFUGA, COLCHICUM, COTTON ROOT BARK, ERGOT, EUPHORBIAPILULIFERA, FRANGULA, GENTIAN, LICORICE, GRINDELIA, HOPS, HYDRASTIS, HYOSCYAMUS, IMITATION VANILLA, IPECAC, LICORICE ROOT, MALT, NUX VOMICA,

ORANGE AROMATIC, ORANGE PEEL, ROOT BEER, RHUBARB, SARSAPARILLA, SENEGA, SENNA, DANDELION ROOT, SQUILL, VALERIAN; GLOBULINS—NAMELY, IMMUNE (HUMAN PLACENTAL ORIGIN), IMMUNE (HUMAN SERUM ORIGIN); HORMONES—NAMELY, CONJUGATED ESTROGENS (EQUINE), CORPUS LUTEUM, DIETHYLSTILBESTROL, ESTROGENS, ANTERIOR PITUITARY, POSTERIOR PITUITARY; INJECTIONS—NAMELY, CAFFEINE AND SODIUM BENZOATE, DEXTROSE, DIETHYLSTILBESTROL, EPINEPHRINE HYDROCHLORIDE, ERGONOVINE MALEATE, GUINEA PIG COMPLEMENT, LIVER, ANTERIOR PITUITARY, POSTERIOR PITUITARY, B-COMPLEX, PYRIDOXINE, HYDROCHLORIDE, SODIUM CITRATE, SODIUM IODIDE, SODIUM SALICYLATE AND IODIDE, VITAMIN B; JELLIES, ASEPTIC; LABORATORY REAGENTS—NAMELY, AGAR-AGAR CULTURE MEDIA; LAXATIVES—NAMELY, CASCARA, CASCARA SAGRADA, KAOLIN IN ALUMINA GEL WITH MINERAL OIL, KARAYA GUM WITH CALCIUM GLUCONATE AND LACTOSE, MINERAL OIL, AQUEOUS SUSPENSIONS, PLAIN, WITH MILK OF MAGNESIA, WITH CASCARA, WITH PHENOLPHTHALEIN; LINIMENTS—NAMELY, CAMPHORATED OIL, CAMPHORATED AMMONIUM OLEATE, CAMPHOR AND SOAP, CHLOROFORM; LOTIONS, MEDICINAL—NAMELY, AMMONIATED MERCURY WITH KAOLIN, PEDICULOSIS, EYE, KAOLIN AND ALUMINA; LIQUIDS—NAMELY, PRO-VITAMIN A WITH VITAMIN D, PRO-VITAMIN A IN OIL, PRO-VITAMIN A WITH VITAMIN D IN OIL, LICORICE, DISTILLED WATER; LOZENGES—NAMELY, BROWN COMPOUND WITH AMMONIUM CHLORIDE, BROWN COMPOUND WITH OPIUM AND AMMONIUM CHLORIDE, RED GUM; MAGMAS OF BISMUTH, MAGNESIA, ALUMINA; MEDIA—NAMELY, DEXTROSE AGAR-AGAR, DEXTROSE BOUILLON, GLYCERINE AGAR-AGAR; MIXTURES—NAMELY, BROWN COMPOUND OF OPIUM AND BLACK GLYCYRRHIZA, RHUBARB AND SODA; OILS—NAMELY, COD LIVER, CASTOR, LIQUID PETROLATUM; OINTMENTS—NAMELY, ACETYL, BETA-METHYL CHOLINE, ALOES AND CALAMINE, ANALGESIC BALM, BELLADONNA AND EPHEDRINE COMPOUND, BELLADONNA, BLUE, BORIC ACID, HYDRATED ALUMINA COMPOUND, SULPHUR AND AMMONIATED MERCURY, ICHTHAMMOL, MERCURIC OXIDE, MUSTARD MENTHOL, EPHEDRINE AND BENZOCAINE, ASTRINGENT, PROPIONATE COMPOUND, SULFATHIAZOLE, SULFUR, BENZOIC AND SALICYLIC ACID, ZINC OXIDE; OPHTHALMIC PREPARATIONS—NAMELY, BORIC ACID OINTMENT, HOMATROPINE HYDROBROMIDE, MERCURIC OXIDE OINTMENT, SULFATHIAZOLE OINTMENT; PEDICULICIDES; PLASMAS; POWDERED EXTRACTS—NAMELY, ALOIN, BELLADONNA LEAVES, CASCARA SAGRADA, COLOCYNTH, ERGOT, ERGOTIN, HYOSCYAMUS, OPIUM; POWDERS—NAMELY, SILVER PICRATE, FIRST AID, SULFATHIAZOLE; SALTS—NAMELY, KISSINGEN, LITHIUM CITRATE, VICHY ARTIFICIAL, CASCARA AND NUX VOMICA COMPOUND; SERA—NAMELY, ANTI M TYPING, ANTIMENINGOCOCCIC POLYVALENT, ANTI N TYPING, ANTIPERTUSSIS, ANTIPNEUMOCOCCIC, ANTI RH TYPING, ANTI ROCKY MOUNTAIN SPOTTED FEVER, BLOOD GROUPING, LOEFFLER'S BLOOD, MENINGOCOCCUS TYPING, NORMAL HORSE, PNEUMOCOCCUS TYPING; SOLUTIONS—NAMELY, ALKALINE AROMATIC, AMMONIUM ACETATE, ANTISEPTIC, BUFFERED SALINE, CRESOL, EPHEDRINE SULFATE, ERGOT, GLYCERITE OF BOROGLYCERIN, HYDRIODIC ACID, IRON IODIDE, IRON AND MANGANESE, METHYLENE BLUE, RENNET, SILVER NITRATE, SODIUM PHOSPHATE, PROPIONATE COMPOUND, TOLU; SPIRITS—NAMELY, AROMATIC AMMONIA, CAMPHOR, ETHYL NITRITE, PEPPERMINT; SPRAYS—NAMELY, MINERAL OIL, MINERAL OIL WITH EPHEDRINE; SUPPOSITORIES—NAMELY, AMINOPHYLLINE, DIGITALIS, GLYCERINE, HEMORRHOIDAL, SILVER PICRATE, AMMONIUM ICHTHOSULFONATE, MORPHINE SULFATE, OPIUM, OPIUM AND BELLADONNA, QUININE SULFATE, LEAD AND CREOSOTE, ACETANILID, BORATES AND HYDRASTINE, BOROGLYCERIDE, GELATIN, ICHTHAMMOL, PICRIC ACID; SYRUPS—NAMELY, ALTHEA, SQUILL AND COLTSFOOT COMPOUND WITH CODEINE SALICYLATE, AMMONIUM MANDELATE, CHERRY, CODEINE PHOSPHATE, HYPOPHOSPHITES, SQUILL, TOLU, VITAMIN B, WHITE PINE AND WILD CHERRY, WHITE PINE, WILD CHERRY AND TAR, WHITE PINE, WILD CHERRY; TABLETS—NAMELY, OF ACETANILID AND CAFFEINE COMPOUND, ACETANILID, CAFFEINE AND SODA, ACETOPHENETIDIN, ACETOPHENETIDIN AND SALOL, ACETYLSALICYLIC ACID, ALKALINE AROMATIC COMPOUND, ALOIN, BELLADONNA, STRYCHNINE AND CASCARA, ALUMINA, HYDRATED, AMINOPHYLLINE, AMINOPHYLLINE AND PHENOBARBITAL, AMINOPYRINE, AMMONIUM CHLORIDE, ANTACID COMPOUND, APOMORPHINE HYDROCHLORIDE, ASCORBIC ACID, ASPETIDA, ASPIRIN, ASPIRIN COMPOUND, ATROPINE SULFATE, BARBITAL, BILE SALTS, BISMUTH, MAGNESIA AND SODIUM BICARBONATE, BISMUTH SUBCARBONATE, BISMUTH SUBGALLATE, BISMUTH SUBNITRATE, BLAND COMPOUND, BREWERS' YEAST, BUCHU, ANTROPINE COMPOUND, CAFFEINE AND SODIUM BENZOATE, CALCIUM GLUCONATE, CALCIUM LACTATE, CALOMEL RHUBARB, CALOMEL RHUBARD AND COLOCYNTH, BROMDIETHYLACETYLUREA, CASCARA WITH STRYCHNINE, CASCARA SAGRADA, COCAINE HYDROCHLORIDE, CODEINE PHOSPHATE, CODEINE SULFATE, CORROSIVE SUBLIMATE, DIETHYLSTILBESTROL, DIGITALIS, DOBELL, ERGONOVINE MALEATE, HEXAMETHYLENAMINE, HYDRATED ALUMINA, HYOSCINEHYDRO BROMIDE, SCOPOLAMINE HYDROBROMIDE, IRON, LIME WATER, LITHIA, (2-METHYL-1,4-NAPHTHOQUINONE) METHIONINE, BICHLORIDE OF MERCURY, MERCURY CYANIDE, MORPHINE SULFATE, NIACINAMIDE, NITROGLYCERIN, PHENACETIN, PHENACETIN AND SALOL, PHENOBARBITAL, PHENOBARBITAL AND ASPIRIN, POTASSIUM CHLORATE, POTASSIUM PERMANGANATE, RHINITIS, RHUBARB AND ALOES, RINGER'S SOLUTION, SACCHARIN SOLUBLE, SODA MINT, SODIUM BICARBONATE, SODIUM BROMIDE, SODIUM CHLORIDE, SODIUM NITRITE, SODIUM SALICYLATE, STRYCHNINE SULFATE, SULFADIAZINE, SULFANILAMIDE, SULFAPYRIDINE, SULFATHIAZOLE, THEOBROMINE AND PHENOBARBITAL, THIAMINE HYDROCHLORIDE, THIAMINE CHLORIDE, MENTHOLATED WITH BENZOCAINE, THYROID, TRIPLE BROMIDES, BILE SALTS; TINCTURES—NAMELY, OF ACONITE, ARNICA, BELLADONNA, BENZOIN, BENZOIN COMPOUND, CANTHARIDES CAPSICUM, CARDAMON COMPOUND, COLCHICUM, DIGITALIS FERRIC CHLORIDE, FERRIC CITROCHLORIDE, GELSEMIUM, GENTIAN, GREEN SOAP, HYOSCYAMUS, IODINE, IRON CITROCHLORIDE, IRON CHLORIDE, LAUDANUM, LAVENDER, OPIUM, LOBELIA, MYRRH, NUX VOMICA, OPIUM CAMPHORATED, STRAMONIUM, VALERIAN, VANILLA; TONICS—NAMELY, BEEF, IRON AND WINE, BEEF LIVER WITH IRON, BEEF AND WINE, YEAST; TOXINS—NAMELY, DIPHTHERIA, SCARLET FEVER STREPTOCOCCUS, TESTING SCARLET FEVER STREPTOCOCCUS FOR IMMUNIZATION; TOXOIDS—NAMELY, DIPHTHERIA TETANUS, STAPHYLOCOCCUS, TETANUS; TRITURATES—NAMELY, CODEINE SULFATE, MORPHINE SULFATE, SACCHARIN SOLUBLE, SODIUM NITRITE, STRYCHNINE SULFATE; VACCINES—NAMELY, ACNE, ARTHRITIS, CHOLERA, DIPHTHERIA PERTUSSIS, GONOCOCCIC, INFLUENZA, PERTUSSIS ENDOTOXOID, PNEUMO-STREPTO, RABIES, ROCKY MOUNTAIN SPOTTED FEVER, SMALLPOX, STAPHYLOCOCCUS, STAPHYLO-STREPTO, TYPHOID, TYPHOID PARA TYPHOID, UNDULANT FEVER; VITAMINS—NAMELY, ASCORBIC ACID, B-COMPLEX, NIACINAMIDE, VITAMIN B_1 HYDROCHLORIDE, RIBOFLAVIN, B-MULTIPLE; AND WAFERS—NAMELY, CALCIUM PHOSPHATE COMPOUND WITH VIOSTEROL.

Claims use since Feb. 16, 1945.

Ser. No. 537,220. NATIONAL PACKAGE DRUGS, INC., St. Louis, Mo. Filed Oct. 8, 1947.

DRUGMASTER

FOR RUBBING ALCOHOL COMPOUND, VITAMIN B1, SYRUP OF COCILLANA, MINERAL OIL, ASPIRIN, HAIR TONIC, AFTER SHAVE LOTION, WAVE SET AND EPSOM SALTS.

Claims use since Feb. 15, 1941.

Ser. No. 538,016. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed Oct. 16, 1947.

DOLOPHINE

FOR MEDICINAL PREPARATION OF 6-DIMETHYL AMINO 4,4 DIPHENYL 3-HEPTANONE HYDROCHLORIDE COMMONLY KNOWN AS METHADON HYDROCHLORIDE USED AS AN ANALGESIC AND AS AN ANTITUSSIVE AGENT.

Claims use since Aug. 14, 1947.

Ser. No. 542,384. WYETH INCORPORATED, Philadelphia, Pa. Filed Nov. 25, 1947. Under section 2f of the act of 1946.

Wyeth

Applicant claims ownership of registrations Nos. 68,110 and 319,304.

FOR CHEMICAL, MEDICINAL, PHARMACEUTICAL, MYCOLOGICAL, BIOLOGICAL, NUTRITIONAL AND COSMETIC PRODUCTS—NAMELY, ALLERGENS; ALUMINA GELS—NAMELY, PLAIN, WITH MAGNESIUM TRISILICATE, WITH LIQUID PETROLATUM, FOR DENTAL PURPOSES, ALUMINUM PHOSPHATE; AMBOCEPTORS; ANTIBIOTICS—NAMELY, PENICILLIN, STREPTOMYCIN, TYROTHRICIN; ANTIGENS—NAMELY, DUCREY, FREI; ANTISERA—NAMELY, B. TULARENSE; ANTITOXINS—NAMELY, DIPHTHERIA, DYSENTERY, GAS GANGRENE, SCARLET FEVER, SCARLET FEVER STREPTOCOCCUS, STAPHYLOCOCCUS, TETANUS, TETANUS GAS GANGRENE; BACTERINS—NAMELY, CATARRHALIS VACCINE; CAPSULES AND GLOBULES CONTAINING APIOL AND ERGOTIN COMPOUND, ASPIRIN, ASPIRIN COMPOUND, BEEF LIVER WITH IRON, PRO-VITAMIN A, PRO-VITAMIN A WITH VITAMIN D, COLCHICINE METHYL SALICYLATE, CYSTINE, CALCIUM PHOSPHATE COMPOUND WITH VIOSTEROL, DIGITALIS, EPHEDRINE SULFATE, PENTOBARBITAL, QUININE SULFATE, SALOL CUBEB AND COPAIBA, SALOL CUBEB AND SANTAL, SANTOL OIL, VITAMINS A, B, B-COMPLEX, D; CITRATED SHEEP BLOOD; COLD CREAM; CORDIALS—NAMELY, BUCHU; DIAGNOSTICS—NAMELY, STAINS; ELIXIRS—NAMELY, AMINOPYRINE AND POTASSIUM BROMIDE COMPOUND AROMATIC, B-COMPLEX, YEAST CONCENTRATE, VITAMIN B-1 AND B-2, JUNIPER AND POTASSIUM ACETATE, CALISAYA, CALISAYA WITH IRON AND STRYCHNINE, CATNEP AND FENNEL, SYNTHETIC WILD CHERRY, CHOLINE CHLORIDE, DIGESTIVE FERMENTS, CREOSOTE AND TERPIN HYDRATE, DIURETIC, FIVE BROMIDES, GENTIAN GLYCERINATED, GLYCERO PHOSPHATES WITH SODA AND LIME, HYDRASTINE AND CRAMP BARK, PEPSIN, PHENOBARBITAL, RHUBARB, SIX GLYCEROPHOSPHATE, SAW PALMETTO AND SANTAL, SODIUM SULFOCYANATE, TERPIN HYDRATE, TERPIN HYDRATE AND CODEINE, TERPIN HYDRATE CODEINE AND WILD CHERRY, THIAMINE HYDROCHLORIDE, THIAMINE CHLORIDE, STRONTIUM SALICYLATE, THREE BROMIDES; FLUID EXTRACTS—NAMELY, ARNICA, BELLADONNA LEAF, BLACK COHOSH, BUCHU, CASCARA SAGRADA, CIMICIFUGA, COLCHICUM, COTTON ROOT BARK, ERGOT, EUPHORBIAPILULIFERA, FRANGULA, GENTIAN, LICORICE, GRINDELIA, HOPS, HYDRASTIS, HYOSCYAMUS, IMITATION VANILLA, IPECAC, LICORICE ROOT, MALT, NUX VOMICA, ORANGE AROMATIC, ORANGE PEEL, ROOT BEER, RHUBARB, SARSAPARILLA, SENEGA, SENNA, DANDELION ROOT, SQUILL, VALERIAN; GLOBULINS—NAMELY, IMMUNE (HUMAN PLACENTAL ORIGIN), IMMUNE (HUMAN SERUM ORIGIN); HORMONES—NAMELY, CONJUGATED ESTROGENS (EQUINE), CORPUS LUTEUM, DIETHYLSTILBESTROL, ESTROGENS, ANTERIOR PITUITARY, POSTERIOR PITUITARY; INJECTIONS—NAMELY, CAFFEINE AND SODIUM BENZOATE, DEXTROSE, DIETHYLSTILBESTROL, EPINEPHRINE HYDROCHLORIDE, ERGONOVINE MALEATE, GUINEA PIG COMPLEMENT, LIVER, ANTERIOR PITUITARY, POSTERIOR PITUITARY, B-COMPLEX, PYRIDOXINE, HYDROCHLORIDE, SODIUM CITRATE, SODIUM IODIDE, SODIUM SALICYLATE AND IODIDE, VITAMIN B; JELLIES, ASEPTIC; LABORATORY REAGENTS—NAMELY, AGAR-AGAR CULTURE MEDIA; LAXATIVES—NAMELY, CASCARA, CASCARA SAGRADA, KAOLIN IN ALUMINA GEL WITH MINERAL OIL, KARAYA GUM WITH CALCIUM GLUCONATE AND LACTOSE, MINERAL OIL, AQUEOUS SUSPENSIONS, PLAIN, WITH MILK OF MAGNESIA, WITH CASCARA, WITH PHENOLPHTHALEIN; LINIMENTS—NAMELY, CAMPHORATED OIL, CAMPHORATED AMMONIUM OLEATE, CAMPHOR AND SOAP, CHLOROFORM; LOTIONS, MEDICINAL—NAMELY, AMMONIATED MERCURY WITH KAOLIN, PEDICULOSIS, EYE, KAOLIN AND ALUMINA; LIQUIDS—NAMELY, PRO-VITAMIN A WITH VITAMIN D, PRO-VITAMIN A IN OIL, PRO-VITAMIN A WITH VITAMIN D IN OIL, LICORICE, DISTILLED WATER; LOZENGES—NAMELY, BROWN COMPOUND WITH AMMONIUM CHLORIDE, BROWN COMPOUND WITH OPIUM AND AMMONIUM CHLORIDE, RED GUM; MAGMAS OF BISMUTH, MAGNESIA, ALUMINA; MEDIA—NAMELY, DEXTROSE AGAR-AGAR, DEXTROSE BOUILLON, GLYCERINE AGAR-AGAR; MIXTURES—NAMELY, BROWN COMPOUND OF OPIUM AND BLACK GLYCYRRHIZA, RHUBARB AND SODA; OILS—NAMELY, COD LIVER, CASTOR, LIQUID PETROLATUM; OINTMENTS—NAMELY, ACETYL, BETA-METHYL CHOLINE, ALOES AND CALAMINE, ANALGESIC BALM, BELLADONNA AND EPHEDRINE COMPOUND, BELLADONNA, BLUE, BORIC ACID, HYDRATED ALUMINA COMPOUND, SULPHUR AND AMMONIATED MERCURY, ICHTHAMMOL, MERCURIC OXIDE, MUSTARD MENTHOL, EPHEDRINE AND BENZOCAINE, ASTRINGENT, PROPIONATE COMPOUND, SULFATHIAZOLE, SULFUR, BENZOIC AND SALICYLIC ACID, ZINC OXIDE; OPHTHALMIC PREPARATIONS—NAMELY, BORIC ACID OINTMENT, HOMATROPINE HYDROBROMIDE, MERCURIC OXIDE OINTMENT, SULFATHIAZOLE OINTMENT; PEDICULICIDES; PLASMAS; POWDERED

EXTRACTS — NAMELY, ALOIN, BELLADONNA LEAVES, CASCARA SAGRADA, COLOCYNTH, ERGOT, ERGOTIN, HYOSCYAMUS, OPIUM; POWDERS—NAMELY, SILVER PICRATE, FIRST AID, SULFATHIAZOLE; SALTS—NAMELY, KISSINGEN, LITHIUM CITRATE, VICHY ARTIFICIAL, CASCARA AND NUX VOMICA COMPOUND; SERA—NAMELY, ANTI M TYPING, ANTIMENINGOCOCCIC POLYVALENT, ANTI N TYPING, ANTIPERTUSSIS, ANTIPNEUMOCOCCIC, ANTI RH TYPING, ANTI ROCKY MOUNTAIN SPOTTED FEVER, BLOOD GROUPING, LOEFFLER'S BLOOD, MENINGOCOCCUS TYPING, NORMAL HORSE, PNEUMOCOCCUS TYPING; SOLUTIONS—NAMELY, ALKALINE AROMATIC, AMMONIUM ACETATE, ANTISEPTIC, BUFFERED SALINE, CRESOL, EPHEDRINE SULFATE, ERGOT, GLYCERITE OF BOROGLYCERIN, HYDRIODIC ACID, IRON IODIDE, IRON AND MANGANESE, METHYLENE BLUE, RENNET, SILVER NITRATE, SODIUM PHOSPHATE, PROPIONATE COMPOUND, TOLU; SPIRITS — NAMELY, AROMATIC AMMONIA, CAMPHOR, ETHYL NITRITE, PEPPERMINT; SPARYS—NAMELY, MINERAL OIL, MINERAL OIL WITH EPHEDRINE; SUPPOSITORIES—NAMELY, AMINOPHYLLINE, DIGITALIS, GLYCERINE, HEMORRHOIDAL, SILVER PICRATE, AMMONIUM ICHTHOSULFONATE, MORPHINE SULFATE, OPIUM, OPIUM AND BELLADONNA, QUININE SULFATE, LEAD AND CREOSOTE, ACETANILID, BORATES AND HYDRASTINE, BOROGLYCERIDE, GELATIN, ICHTHAMMOL, PICRIC ACID; SYRUPS—NAMELY, ALTHEA, SQUILL AND COLTSFOOT COMPOUND WITH CODEINE SALICYLATE, AMMONIUM MANDELATE, CHERRY, CODEINE PHOSPHATE, HYPOPHOSPHITES, SQUILL, TOLU, VITAMIN B, WHITE PINE AND WILD CHERRY, WHITE PINE, WILD CHERRY AND TAR, WHITE PINE, WILD CHERRY; TABLETS—NAMELY, OF ACETANILID AND CAFFEINE COMPOUND, ACETANILID, CAFFEINE AND SODA, ACETOPHENETIDIN, ACETOPHENETIDIN AND SALOL, ACETYLSALICYLIC ACID, ALKALINE AROMATIC COMPOUND, ALOIN, BELLADONNA, STRYCHNINE AND CASCARA, ALUMINA, HYDRATED, AMINOPHYLLINE, AMINOPHYLLINE AND PHENOBARBITAL, AMINOPYRINE, AMMONIUM CHLORIDE, ANTACID COMPOUND, APOMORPHINE HYDROCHLORIDE, ASCROBIC ACID, ASFETIDA, ASPIRIN, ASPIRIN COMPOUND, ATROPINE SULFATE, BARBITAL, BILE SALTS, BISMUTH, MAGNESIA AND SODIUM BICARBONATE, BISMUTH SUBCARBONATE, BISMUTH SUBGALLATE, BISMUTH SUBNITRATE, BLAND COMPOUND, BREWERS' YEAST, BUCHU, ANTROPINE COMPOUND, CAFFEINE AND SODIUM BENZOATE, CALCIUM GLUCONATE, CALCIUM LACTATE, CALOMEL RHUBARB, CALOMEL RHUBARB AND COLOCYNTH, BROMDIETHYLACETYLUREA, CASCARA WITH STRYCHNINE, CASCARA SAGRADA, COCAINE HYDROCHLORIDE, CODEINE PHOSPHATE, CODEINE SULFATE, CORROSIVE SUBLIMATE, DIETHYLSTILBESTROL, DIGITALIS, DOBELL, ERGONOVINE MALEATE, HEXAMETHYLENAMINE, HYDRATED ALUMINA, HYOSCINEHYDRO BROMIDE, SCOPOLAMINE HYDROBROMIDE, IRON, LIME WATER, LITHIA, (2-METHYL-1,4-NAPHTHOQUINONE), METHIONINE, BICHLORIDE OF MERCURY, MERCURY CYANIDE, MORPHINE SULFATE, NIACINAMIDE, NITROGLYCERIN, PHENACETIN, PHENACETIN AND SALOL, PHENOBARBITAL, PHENOBARBITAL AND ASPIRIN, POTASSIUM CHLORATE, POTASSIUM PERMANGANATE, RHINITIS, RHUBARB AND ALOES, RINGER'S SOLUTION, SACCHARIN SOLUBLE, SODA MINT, SODIUM BICARBONATE, SODIUM BROMIDE, SODIUM CHLORIDE, SODIUM NITRITE, SODIUM SALICYLATE, STRYCHNINE SULFATE, SULFADIAZINE, SULFANILAMIDE, SULFAPYRIDINE, SULFATHIAZOLE, THEOBROMINE AND PHENOBARBITAL, THIAMINE HYDROCHLORIDE, THIAMINE CHLORIDE, MENTHOLATED WITH BENZOCAINE, THYROID, TRIPLE BROMIDES, BILE SALTS; TINCTURES — NAMELY, OF ACONITE, ARNICA, BELLADONNA, BENZOIN, BENZOIN COMPOUND, CANTHARIDES CAPSICUM, CARDAMON COMPOUND, COLCHICUM, DIGITALIS FERRIC CHLORIDE, FERRIC CITROCHLORIDE, GELSEMIUM, GENTIAN, GREEN SOAP, HYOSCYAMUS, IODINE, IRON CITROCHLORIDE, IRON CHLORIDE, LAUDANUM, LAVENDER, OPIUM, LOBELIA, MYRRH, NUX VOMICA, OPIUM CAMPHORATED, STRAMONIUM, VALERIAN, VANILLA; TONICS—NAMELY, BEEF, IRON AND WINE, BEEF LIVER WITH IRON, BEEF AND WINE, YEAST; TOXINS—NAMELY, DIPHTHERIA, SCARLET FEVER STREPTOCOCCUS, TESTING SCARLET FEVER STREPTOCOCCUS FOR IMMUNIZATION; TOXOIDS—NAMELY, DIPHTHERIA TETANUS, STAPHYLOCOCCUS, TETANUS; TRITURATES—NAMELY, CODEINE SULFATE, MORPHINE SULFATE, SACCHARIN SOLUBLE, SODIUM NITRITE, STRYCHNINE SULFATE; VACCINES—NAMELY, ACNE, ARTHRITIS, CHOLERA, DIPHTHERIA PERTUSSIS, GONOCOCCIC, INFLUENZA, PERTUSSIS ENDOTOXOID, PNEUMO-STREPTO, RABIES, ROCKY MOUNTAIN SPOTTED FEVER, SMALLPOX, STAPHYLOCOCCUS, STAPHYLO-STREPTO, TYPHOID, TYPHOID PARA TYPHOID, UNDULANT FEVER; VITAMINS—NAMELY, ASCORBIC ACID, B-COMPLEX, NIACINAMIDE, VITAMIN B_6 HYDROCHLORIDE, RIBOFLAVIN, B-MULTIPLE; AND WAFERS—NAMELY, CALCIUM PHOSPHATE COMPOUND WITH VIOSTEROL.

Claims use since Feb. 16, 1945.

Ser. No. 542,385. WYETH INCORPORATED, Philadelphia, Pa. Filed Nov. 25, 1947. Under section 2f of the act of 1946.

Wyeth

Applicant claims ownership of registrations Nos. 68,110, 104,497, and 319,304.

FOR CHEMICAL, MEDICINAL, PHARMACEUTICAL, MYCOLOGICAL, BIOLOGICAL, NUTRITIONAL AND COSMETIC PRODUCTS—NAMELY, ALLERGENS; ALUMINA GELS—NAMELY, PLAIN, WITH MAGNESIUM TRISILICATE, WITH LIQUID PETROLATUM, FOR DENTAL PURPOSES, ALUMINUM PHOSPHATE; AMBOCEPTORS; ANTIBIOTICS—NAMELY, PENICILLIN, STREPTOMYCIN, TYROTHRICIN; ANTIGENS—NAMELY, DUCREY, FREI; ANTISERA—NAMELY, B. TULARENSE; ANTITOXINS—NAMELY, DIPHTHERIA, DYSENTERY, GAS GANGRENE, SCARLET FEVER, SCARLET FEVER STREPTOCOCCUS, STAPHYLOCOCCUS, TETANUS, TETANUS GAS GANGRENE; BACTERINS—NAMELY, CATARRHALIS VACCINE; CAPSULES AND GLOBULES CONTAINING APIOL AND ERGOTIN COMPOUND, ASPIRIN, ASPIRIN COMPOUND, BEEF LIVER WITH IRON, PRO-VITAMIN A, PRO-VITAMIN A WITH VITAMIN D, COLCHICINE METHYL SALICYLATE, CYSTINE, CALCIUM PHOSPHATE COMPOUND WITH VIOSTEROL, DIGITALIS, EPHEDRINE SULFATE, PENTOBARBITAL, QUININE SULFATE, SALOL CUBEB AND COPAIBA, SALOL CUBEB AND SANTAL, SANTOL OIL, VITAMINS A, B, B-COMPLEX, D; CITRATED SHEEP BLOOD; COLD CREAM; CORDIALS—NAMELY, BUCHU; DIAGNOSTICS—NAMELY, STAINS; ELIXIRS—NAMELY, AMINOPYRINE AND POTASSIUM BROMIDE COMPOUND AROMATIC, B-COMPLEX, YEAST CONCENTRATE, VITAMIN B-1 AND B-2, JUNIPER AND POTASSIUM ACETATE, CALISAYA, CALISAYA WITH IRON AND STRYCHNINE, CATNEP AND FENNEL, SYNTHETIC WILD CHERRY, CHOLINE CHLORIDE, DIGESTIVE FERMENTS, CREOSOTE AND TERPIN HYDRATE, DIURETIC, FIVE BROMIDES, GENTIAN GLYCERINATED, GLYCERO PHOSPHATES WITH SODA AND LIME, HYDRASTINE AND CRAMP BARK, PEPSIN, PHENOBARBITAL, RHUBARB, SIX GLYCEROPHOSPHATE, SAW PALMETTO AND SANTAL, SODIUM SULFOCYANATE, TERPIN HYDRATE, TERPIN HYDRATE AND CODEINE, TERPIN HYDRATE CODEINE AND WILD CHERRY, THIAMINE HYDROCHLORIDE, THIAMINE CHLORIDE, STRONTIUM SALICYLATE, THREE BROMIDES; FLUID EXTRACTS — NAMELY, ARNICA, BELLADONNA LEAF, BLACK COHOSH, BUCHU, CASCARA SAGRADA, CIMICIFUGA, COLCHICUM, COTTON ROOT BARK, ERGOT, EUPHORBIAPILULIFERA, FRANGULA, GENTIAN, LICORICE, GRINDELIA, HOPS, HYDRASTIS, HYOSCYAMUS, IMITATION VANILLA, IPECAC, LICORICE ROOT, MALT, NUX VOMICA, ORANGE AROMATIC, ORANGE PEEL, ROOT BEER, RHUBARB, SARSAPARILLA, SENEGA, SENNA, DANDELION ROOT, SQUILL, VALERIAN; GLOBULINS—NAMELY, IMMUNE (HUMAN PLACENTAL ORIGIN), IMMUNE (HUMAN SERUM ORIGIN); HORMONES—NAMELY, CONJUGATED ESTROGENS (EQUINE), CORPUS LUTEUM, DIETHYLSTILBESTROL, ESTROGENS, ANTERIOR PITUITARY, POSTERIOR PITUITARY; INJECTIONS — NAMELY, CAFFEINE AND SODIUM BENZOATE, DEXTROSE, DIETHYLSTILBESTROL, EPINEPHRINE HYDROCHLORIDE, ERGONOVINE MALEATE, GUINEA PIG COMPLEMENT, LIVER, ANTERIOR PITUITARY, POSTERIOR PITUITARY, B-COMPLEX, PYRIDOXINE, HYDROCHLORIDE, SODIUM CITRATE, SODIUM IODIDE, SODIUM SALICYLATE AND IODIDE, VITAMIN B; JELLIES, ASEPTIC; LABORATORY REAGENTS—NAMELY, AGAR-AGAR CULTURE MEDIA; LAXATIVES—NAMELY, CASCARA, CASCARA SAGRADA, KAOLIN IN ALUMINA GEL WITH MINERAL OIL, KARAYA GUM WITH CALCIUM GLUCONATE AND LACTOSE, MINERAL OIL, AQUEOUS SUSPENSIONS, PLAIN, WITH MILK OF MAGNESIA, WITH CASCARA, WITH PHENOLPHTHALEIN; LINIMENTS—NAMELY, CAMPHORATED OIL, CAMPHORATED AMMONIUM OLEATE, CAMPHOR AND SOAP, CHLOROFORM; LOTIONS, MEDICINAL—NAMELY, AMMONIATED MERCURY WITH KAOLIN, PEDICULOSIS, EYE, KAOLIN AND ALUMINA; LIQUIDS—NAMELY, PRO-VITAMIN A WITH VITAMIN D, PRO-VITAMIN A IN OIL, PRO-VITAMIN A WITH VITAMIN D IN OIL, LICORICE, DISTILLED WATER; LOZENGES—NAMELY, BROWN COMPOUND WITH AMMONIUM CHLORIDE, BROWN COMPOUND WITH OPIUM AND AMMONIUM CHLORIDE, RED GUM; MAGMAS OF BISMUTH, MAGNESIA, ALUMINA; MEDIA—NAMELY, DEXTROSE AGAR-AGAR, DEXTROSE BOUILLON, GLYCERINE AGAR-AGAR; MIXTURES—NAMELY, BROWN COMPOUND OF OPIUM AND BLACK GLYCYRRHIZA, RHUBARB AND SODA; OILS—NAMELY, COD LIVER, CASTOR, LIQUID PETROLATUM; OINTMENTS—NAMELY, ACETYL, BETA-METHYL CHOLINE, ALOES AND CALAMINE, ANALGESIC BALM, BELLADONNA AND EPHEDRINE COMPOUND, BELLADONNA, BLUE, BORIC ACID, HYDRATED ALUMINA COMPOUND, SULPHUR AND AMMONIATED MERCURY, ICHTHAMMOL, MERCURIC OXIDE, MUSTARD MENTHOL, EPHEDRINE AND BENZOCAINE, ASTRINGENT, PROPIONATE COMPOUND, SULFATHIAZOLE, SULFUR, BENZOIC AND SALICYLIC ACID, ZINC OXIDE; OPHTHALMIC PREPARATIONS—NAMELY, BORIC ACID OINTMENT, HOMATROPINE HYDROBROMIDE, MERCURIC OXIDE OINTMENT, SULFATHIAZOLE OINTMENT; PEDICULICIDES; PLASMAS; POWDERED EXTRACTS — NAMELY, ALOIN, BELLADONNA LEAVES, CASCARA SAGRADA, COLOCYNTH, ERGOT, ERGOTIN, HYOSCYAMUS, OPIUM; POWDERS—NAMELY, SILVER PICRATE, FIRST AID, SULFATHIAZOLE; SALTS—NAMELY, KISSINGEN, LITHIUM CITRATE, VICHY ARTIFICIAL, CASCARA AND NUX VOMICA COMPOUND; SERA—NAMELY, ANTI M TYPING, ANTIMENINGOCOCCIC POLYVALENT, ANTI N TYPING, ANTIPERTUSSIS, ANTIPNEUMOCOCCIC, ANTI RH TYPING, ANTI ROCKY MOUNTAIN SPOTTED FEVER, BLOOD GROUPING, LOEFFLER'S BLOOD, MENINGOCOCCUS TYPING, NORMAL HORSE, PNEUMOCOCCUS TYPING; SOLUTIONS—NAMELY, ALKALINE AROMATIC, AMMONIUM ACETATE, ANTISEPTIC, BUFFERED SALINE, CRESOL, EPHEDRINE SULFATE, ERGOT, GLYCERITE OF BOROGLYCERIN, HYDRIODIC ACID, IRON IODIDE, IRON AND MANGANESE, METHYLENE BLUE, RENNET, SILVER NITRATE, SODIUM PHOSPHATE, PROPIONATE COMPOUND, TOLU; SPIRITS — NAMELY, AROMATIC AMMONIA, CAMPHOR, ETHYL NITRITE, PEPPERMINE; SPRAYS—NAMELY, MINERAL OIL, MINERAL OIL WITH EPHEDRINE; SUPPOSITORIES—NAMELY, AMINOPHYLLINE, DIGITALIS, GLYCERINE, HEMORRHOIDAL, SILVER PICRATE, AMMONIUM ICHTHOSULFONATE, MORPHINE SULFATE, OPIUM, OPIUM AND BELLADONNA, QUININE SULFATE, LEAD AND CREOSOTE, ACETANILID, BORATES AND HYDRASTINE, BOROGLYCERIDE, GELATIN, ICHTHAMMOL, PICRIC ACID; SYRUPS—NAMELY, ALTHEA, SQUILL AND COLTSFOOT COMPOUND WITH CODEINE SALICYLATE, AMMONIUM MANDELATE, CHERRY, CODEINE PHOSPHATE, HYPOPHOSPHITES, SQUILL, TOLU, VITAMIN B, WHITE PINE AND WILD CHERRY, WHITE PINE, WILD CHERRY AND TAR, WHITE PINE, WILD CHERRY; TABLETS—NAMELY, OF ACETANILID AND CAFFEINE COMPOUND, ACETANILID, CAFFEINE AND SODA, ACETOPHENETIDIN, ACETOPHENETIDIN AND SALOL, ACETYLSALICYLIC ACID, ALKALINE AROMATIC COMPOUND, ALOIN, BELLADONNA, STRYCHNINE AND CASCARA, ALUMINA, HYDRATED, AMINOPHYLLINE, AMINOPHYLLINE AND PHENOBARBITAL, AMINOPYRINE, AMMONIUM CHLORIDE, ANTACID COMPOUND, APOMORPHINE HYDROCHLORIDE, ASCORBIC ACID, ASFETIDA, ASPIRIN, ASPIRIN COMPOUND, ATROPINE SULFATE, BARBITAL, BILE SALTS, BISMUTH, MAGNESIA AND SODIUM BICARBONATE, BISMUTH SUBCARBONATE, BISMUTH SUBGALLATE, BISMUTH SUBNITRATE, BLAND COMPOUND, BREWERS' YEAST, BUCHU, ANTROPINE COMPOUND, CAFFEINE AND SODIUM BENZOATE, CALCIUM GLUCONATE, CALCIUM LACTATE, CALOMEL RHUBARB, CALOMEL RHUBARB AND COLOCYNTH, BROMDIETHYLACETYLUREA, CASCARA WITH STRYCHNINE, CASCARA SAGRADA, COCAINE HYDROCHLORIDE, CODEINE PHOSPHATE, CODEINE SULFATE, CORROSIVE SUBLIMATE, DIETHYLSTILBESTROL, DIGITALIS, DOBELL, ERGONOVINE MALEATE, HEXAMETHYLENAMINE, HYDRATED ALUMINA, HYOSCINEHYDRO BROMIDE, SCOPOLAMINE HYDROBROMIDE, IRON, LIME WATER, LITHIA, (2-METHYL-1,4-NAPHTHOQUINONE), METHIONINE, BICHLORIDE OF MERCURY, MERCURY CYANIDE, MORPHINE SULFATE, NIACINAMIDE, NITROGLYCERIN, PHENACETIN, PHENACETIN AND SALOL, PHENOBARBITAL, PHENOBARBITAL AND ASPIRIN, POTASSIUM CHLORATE, POTASSIUM PERMANGANATE, RHINITIS, RHUBARB AND ALOES, RINGER'S SOLUTION, SACCHARIN SOLUBLE, SODA MINT, SODIUM BICARBONATE, SODIUM BROMIDE, SODIUM CHLORIDE, SODIUM NITRITE, SODIUM SALICYLATE, STRYCHNINE SULFATE, SULFADIAZINE, SULFANILAMIDE, SULFAPYRIDINE, SULFATHIAZOLE, THEOBROMINE AND PHENOBARBITAL, THIAMINE HYDROCHLORIDE, THIAMINE CHLORIDE, MENTHOLATED WITH BENZOCAINE, THYROID, TRIPLE BROMIDES, BILE SALTS; TINCTURES — NAMELY, OF ACONITE, ARNICA, BELLADONNA, BENZOIN, BENZOIN COMPOUND, CANTHARIDES CAPSICUM, CARDAMON COMPOUND, COLCHICUM, DIGITALIS, FERRIC CHLORIDE, FERRIC CITROCHLORIDE, GELSEMIUM, GENTIAN,

GREEN SOAP, HYOSCYAMUS, IODINE, IRON CITRO-CHLORIDE, IRON CHLORIDE, LAUDANUM, LAVENDER, OPIUM, LOBELIA, MYRRH, NUX VOMICA, OPIUM CAMPHORATED, STRAMONIUM, VALERIAN, VANILLA; TONICS—NAMELY, BEEF, IRON AND WINE, BEEF LIVER WITH IRON, BEEF AND WINE, YEAST; TOXINS—NAMELY, DIPHTHERIA, SCARLET FEVER STREPTOCOCCUS, TESTING SCARLET FEVER STREPTOCOCCUS FOR IMMUNIZATION; TOXOIDS—NAMELY, DIPHTHERIA TETANUS, STAPHYLOCOCCUS, TETANUS; TRITURATES—NAMELY, CODEINE SULFATE, MORPHINE SULFATE, SACCHARIN SOLUBLE, SODIUM NITRITE, STRYCHNINE SULFATE; VACCINES—NAMELY, ACNE, ARTHRITIS, CHOLERA, DIPHTHERIA PERTUSSIS, GONOCOCCIC, INFLUENZA, PERTUSSIS ENDOTOXOID, PNEUMO-STREPTO, RABIES, ROCKY MOUNTAIN SPOTTED FEVER, SMALLPOX, STAPHYLOCOCCUS, STAPHYLO-STREPTO, TYPHOID, TYPHOID PARA TYPHOID, UNDULANT FEVER; VITAMINS—NAMELY, ASCORBIC ACID, B-COMPLEX, NIACINAMIDE, VITAMIN B_1 HYDROCHLORIDE, RIBOFLAVIN, B-MULTIPLE; AND WAFERS—NAMELY, CALCIUM PHOSPHATE COMPOUND WITH VIOSTEROL.
Claims use since Feb. 16, 1945.

Ser. No. 543,701. RALPH I. GUY, doing business as The Rig Company, Glendale, Calif. Filed Dec. 8, 1947.

AS 2

FOR IODINE PREPARATION.
Claims use since Jan. 10, 1936.

Ser. No. 549,358. WESTERN CHEMICAL COMPANY, Kansas City, Mo. Filed Nov. 14, 1947.

PLUMB KLEEN

The word "Kleen" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 187,622.
FOR SOLVENT FOR CLEANING DRAIN PIPES, PLUMBING, OIL BURNERS, RADIATORS, ETC.
Claims use since Nov. 25, 1922.

Ser. No. 557,120. WILLIAM C. DABNEY, JR., doing business as Dabney Pharmacal Company, Louisville, Ky. Filed May 15, 1948.

UNDEX

FOR FUNGICIDAL OINTMENT AND FUNGICIDAL POWDER.
Claims use since Apr. 27, 1948.

Ser. No. 557,277. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed May 18, 1948.

Plestrin

Applicant claims ownership of registration Nos. 500,143 and 233,746.
FOR SOLUTION WHICH IS AN ESTRUS STIMULATING PRINCIPLE DERIVED FROM THE PLACENTA AND USED AS AN OVARIAN AND SEX STIMULANT.
Claims use since May 2, 1927.

Ser. No. 557,335. THE ARLINGTON CHEMICAL COMPANY, Yonkers, N. Y. Filed May 19, 1948.

CAMINOIDS

FOR PHARMACEUTICAL PREPARATION OF AMINO ACIDS AND POLYPEPTIDES FROM HYDROLYSED PROTEIN FOODS.
Claims use since Apr. 26, 1948.

Ser. No. 557,697. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif. Filed May 24, 1948.

CALOL

Applicant claims ownership of registration Nos. 108,183, 275,589, 306,326, 309,873, and 275,576.
FOR LIQUID PETROLATUM, ALSO KNOWN AS WHITE OIL.
Claims use since Apr. 6, 1948.

Ser. No. 557,878. WALLERSTEIN COMPANY, INC., New York, N. Y. Filed May 26, 1948.

ALCOZYME

FOR ENZYME PREPARATION ESPECIALLY FOR THE PRODUCTION OF ALCOHOL FOR INDUSTRIAL OR BEVERAGE USE.
Claims use since Apr. 6, 1948.

Ser. No. 557,982. WILLIAM SAVIOU, Warren, Ohio. Filed Apr. 16, 1948.



Applicant disclaims the words "Face Lotion" apart from the mark shown.
FOR FACE LOTIONS.
Claims use since Mar. 22, 1948.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 527,522. J. W. MORTELL COMPANY, Kankakee, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

NO Drip

Applicant claims ownership of registration No. 401,487.
FOR ADHESIVE PLASTIC COMPOUND CONTAINING GRANULATED CORK TO BE APPLIED TO CONCRETE MASONRY AND METAL SURFACES FOR INSULATION PURPOSES.
Claims use since Jan. 15, 1942.

Ser. No. 556,309. BAY STATE ABRASIVE PRODUCTS COMPANY, Westboro, Mass. Filed May 6, 1948. Under section 2f of the act of 1946.

BAY STATE

Applicant claims ownership of registration No. 345,340.
FOR FURNACE REFRACTORIES AND LININGS, AND REFRACTORY CEMENTS.
Claims use since Dec. 1, 1925.

CLASS 15

OILS AND GREASES

Ser. No. 523,893. FRONTIER OIL REFINING CORPORATION, Buffalo, N. Y. Filed Apr. 5, 1948.

FRONTIER

Applicant claims ownership of registration No. 391,979.
FOR MOTOR LUBRICATING OIL.
Claims use since Aug. 1, 1946.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 515,640. F. R. TRIPLER & CO. INC., New York, N. Y. Filed Sept. 17, 1947.



The English translation of the Latin words "Esse Quam Videri," which appear on the trade-mark to be registered, is "To be rather than to seem."
FOR PIPE TOBACCO.
Claims use since June 11, 1940.

Ser. No. 533,239. JOSE ESCALANTE & CO., Chicago, Ill. Filed Aug. 30, 1947.



The portrait forming a part of the mark is fanciful.
FOR CIGARS.
Claims use since 1901.

Ser. No. 542,827. GRADIAZ, ANNIS & CO., INC., Tampa, Fla. Filed Dec. 1, 1947.

GOLD LABEL

Ignacio Haya

The words "Ignacio Haya" are disclaimed apart from the mark as shown. Applicant also disclaims the right to the exclusive use of a label colored gold. Applicant claims ownership of registration No. 238,627.

FOR CIGARS.

Claims use since 1914.

Ser. No. 562,178. CHRISTIAN PEPER TOBACCO COMPANY, St. Louis, Mo. Filed July 26, 1948.

ALL JACKS

FOR CIGARETTES.

Claims use since Mar. 1, 1930.

CLASS 19

VEHICLES

Ser. No. 528,381. SOLAR CORPORATION, doing business as Beam Manufacturing Company, Milwaukee, Wis., and Webster City, Iowa. Filed July 11, 1947.

BEAM MANUFACTURING COMPANY WEBSTER CITY, IOWA

The words "Manufacturing Company, Webster City, Iowa" are disclaimed as part of the trade-mark. The lining in the drawing indicates the colors blue, gray, and gold but such coloring is not an essential characteristic of the mark.

FOR MOTOR SCOOTERS.

Claims use since Apr. 9, 1947.

Ser. No. 529,191. PALMER SCOTT & COMPANY, INC., New Bedford, Mass. Filed July 22, 1947.

The mark comprises the letters "W P" arranged in a stylized monogram suggestive of a cat having an arched back.

FOR SAIL BOATS WITH OR WITHOUT AUXILIARY POWER.

Claims use since May 1, 1945.

Ser. No. 529,811. NOBLITT-SPARKS INDUSTRIES, INC., Columbus, Ind. Filed July 28, 1947. Under section 2f of the act of 1946.

ARVIN

Applicant claims ownership of registrations Nos. 352,329 and 367,700.

FOR AUTOMOBILE HEATERS.

Claims use since Jan. 15, 1922.

Ser. No. 530,587. STERLING MOTOR TRUCK COMPANY, INC., West Allis, Wis. Filed Aug. 5, 1947.

Sterling

Applicant claims ownership of registrations Nos. 111,612 and 140,062.

FOR MOTOR TRUCKS.

Claims use since Nov. 5, 1914.

Ser. No. 531,545. THE TIMKEN-DETROIT AXLE COMPANY, Detroit, Mich. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

TIMKEN

Applicant claims ownership of registrations Nos. 146,052, 212,826, 219,199, all of which have expired.

FOR AXLES FOR MOTOR VEHICLES; BRAKE ASSEMBLIES AND STRUCTURAL PARTS THEREOF, EXCEPT BRAKE LININGS, FOR MOTOR VEHICLES; WHEELS; MULTI-AXLE UNITS AND STRUCTURAL PARTS THEREOF; AND LIMBERS AND BOGIES FOR MOTOR VEHICLES.

Claims use since 1903.

Ser. No. 534,703. WINDSOR-LLOYD PRODUCTS, INC., Wilmington, Del. Filed Sept. 16, 1947. Under section 2f of the act of 1946.

DEVON

Applicant claims ownership of registration No. 402,151.

FOR WINDSHIELD WIPERS FOR AUTOMOBILES AND TRUCKS.

Claims use since June 2, 1941.

Ser. No. 534,809. PALACE CORPORATION, Flint, Mich. Filed Sept. 17, 1947.

Palace

Applicant claims ownership of registration No. 353,524.

FOR HOUSE TRAILERS FOR AUTOMOBILES.

Claims use since May 15, 1936.

Ser. No. 534,811. PALACE CORPORATION, Flint, Mich. Filed Sept. 17, 1947.

Wolverine

FOR HOUSE TRAILERS FOR AUTOMOBILES.

Claims use since July 26, 1946.

Ser. No. 535,697. GENERAL MOTORS CORPORATION, Detroit, Mich. Filed Sept. 25, 1947.

ASTRA DOME

No claim is made to the word "Dome" except in the manner in which it appears in the accompanying drawing.

FOR RAILROAD PASSENGER CARS.

Claims use since May 1, 1947.

Ser. No. 540,644. CATERPILLAR TRACTOR CO., Peoria, Ill. Filed Nov. 10, 1947.

CATERPILLAR

Applicant claims ownership of registrations Nos. 79,056, 85,748, 85,816, 120,744, 131,491, 134,971, 135,703, 137,035, 190,950, 277,417, and 345,499.

FOR DUMP-WAGONS, WHEEL TRACTOR-DUMP-WAGON COMBINATIONS, AND STRUCTURAL PARTS FOR SUCH PRODUCTS.

Claims use since 1941.

Ser. No. 547,032. RAYCO MFG. CO., Paterson, N. J. Filed Jan. 14, 1948.

Rayco

FOR AUTOMOBILE SEAT COVERS.

Claims use since Aug. 24, 1945.

Ser. No. 547,108. JACOB W. FRANK, doing business as Frank's Wood Products, Grand Rapids, Mich. Filed Jan. 15, 1948.

NEEMOBILE

FOR WHEELED KNEELING PADS.

Claims use since Oct. 3, 1947.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 545,596. THE STRONG ELECTRIC CORPORATION, Toledo, Ohio. Filed Dec. 27, 1947.

GRAFARC

FOR ARC LAMPS, PARTICULARLY FOR USE IN THE GRAPHIC ARTS INDUSTRY.

Claims use since Oct. 22, 1947.

Ser. No. 546,195. JEFFERS ELECTRONICS, INC., Dubois, Pa. Filed Jan. 5, 1948.

CAPRISTORS

FOR COMBINATION CAPACITORS AND RESISTORS.

Claims use since Nov. 10, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 528,893. STAMFORD TOOL & DIE CORPORATION, Stamford, Conn. Filed July 18, 1947.

Nibble-Nabber

FOR AUTOMATIC FISH HOOK.

Claims use since March 1947.

Ser. No. 530,972. SPORT PRODUCTS, INC., Cincinnati, Ohio. Filed Aug. 9, 1947. Under section 2f of the act of 1946.

DOUBLE DUTY

FOR GOLF CLUBS.
Claims use since Feb. 1, 1939.

Ser. No. 530,983. SPORT PRODUCTS, INC., Cincinnati, Ohio. Filed Aug. 9, 1947. Under section 2f of the act of 1946.

FIRST LADY

FOR GOLF CLUBS.
Claims use since Feb. 1, 1936.

Ser. No. 533,019. ELIZADA MEARS HATTENHAUER, doing business as Modern Educational Publishers, Chicago, Ill. Filed Sept. 2, 1947.

FUN-O

FOR EDUCATIONAL GAMES IN THE NATURE OF BOOKLETS WITH NUMBERED SQUARES.
Claims use since Aug. 21, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 543,041. SKAGIT STEEL & IRON WORKS, Sedro Woolley, Wash. Filed Feb. 27, 1948. Under section 2f of the act of 1946.

Skagit

FOR YARDERS, BEING GASOLINE OR DIESEL POWERED SINGLE OR MULTIPLE DRUM HOISTS USED IN THE LOGGING INDUSTRY TO MOVE LOGS BY CABLE; LOADERS, BEING GASOLINE OR DIESEL POWERED SINGLE OR MULTIPLE DRUM HOISTS USED IN THE LOGGING INDUSTRY TO LIFT AND SWING LOGS FOR LOADING PURPOSES; AND LOCOMOTIVES, BEING DIESEL, GASOLINE, OR DIESEL-ELECTRIC MOBILE POWER UNITS USED TO MOVE RAILROAD CARS.
Claims use since Sept. 1, 1926.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 539,691. FRECO WATCH CORPORATION, New York, N. Y. Filed Oct. 31, 1947.

FRECO

FOR WATCHES AND WATCH MOVEMENTS.
Claims use since 1926.

Ser. No. 539,765. SILENA WATCH CORPORATION, New York, N. Y. Filed Oct. 31, 1947.

Silena

FOR WATCHES AND WATCH MOVEMENTS.
Claims use since July 1, 1946.

Ser. No. 540,671. HELBROS WATCH COMPANY, INC., New York, N. Y. Filed Nov. 10, 1947.

the Regency

Applicant claims ownership of registrations Nos. 411,544 and 414,881.
FOR WATCHES.
Claims use since Sept. 15, 1947.

Ser. No. 541,959. PARKER WATCH CO., INC., New York, N. Y. Filed Nov. 21, 1947. Under section 2f of the act of 1946.

CORNELL

Applicant claims ownership of registration No. 283,511.
FOR WATCHCASES, CLOCKS, WATCHES, AND PARTS THEREOF.
Claims use since Nov. 1, 1929.

Ser. No. 542,810. BERMAN'S JEWELRY STORES, INC., Charleston, W. Va. Filed Dec. 1, 1947. Under section 2f of the act of 1946.

Kord

FOR LADIES' AND MEN'S WATCHES.
Claims use since Jan. 15, 1932.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 528,976. ALFRED L. WINKLER, doing business as A. L. Winkler Co., Detroit, Mich. Filed July 19, 1947.

Gypsy

FOR NICKEL PLATED STEEL BRACELETS.
Claims use since Apr. 28, 1946.

Ser. No. 534,477. SHEFFIELD, INC., Attleboro, Mass. Filed Sept. 13, 1947.

FOR JEWELRY FOR PERSONAL ADORNMENT, NOT INCLUDING WATCHES—NAMELY, EARRINGS, COSTUME JEWELRY, BRACELETS, BROOCHES, CHAINS TO ENCIRCLE THE NECK, AND WATCH CHAINS.
Claims use since April 1945.

Ser. No. 542,026. THE INTERNATIONAL SILVER COMPANY, Meriden, Conn. Filed Nov. 22, 1947. Under section 2f of the act of 1946.

Wilcox

Applicant claims ownership of registration No. 49,340.
FOR SILVER PLATED HOLLOW-WARE.
Claims use since Apr. 15, 1941.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 503,388. THE PURE OIL COMPANY, Chicago, Ill. Filed Jan. 10, 1948.

Puritan

FOR FROZEN FOOD CABINETS FOR STORING AND KEEPING FOODS OF ALL KINDS AT A TEMPERATURE AT OR BELOW FREEZING TEMPERATURES.
Claims use since Mar. 31, 1946.

CLASS 33

GLASSWARE

Ser. No. 529,953. ARMSTRONG CORK COMPANY, Lancaster, Pa. Filed July 30, 1947.

PHENIX

FOR PRESCRIPTION BOTTLES MADE OF GLASS.
Claims use since 1940.

Ser. No. 531,235. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio. Filed Aug. 13, 1947. Under section 2f of the act of 1946 as to "Libbey."

Libbey Pressed

No claim is made to the word "Pressed" apart from the mark. Applicant claims ownership of registrations Nos. 54,172, 56,500, 319,399, 319,400, and 412,400.
FOR BOTTLES AND JARS MADE OF GLASS.
Claims use since Aug. 1, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 507,500. YORK-SHIPLEY, INC., York, Pa. Filed Oct. 21, 1947.

STEAM-PAK

Exclusive right to the use of the word "Steam" is disclaimed apart from the mark.
FOR OIL-FIRED HEATING UNITS FOR DOMESTIC AND/OR COMMERCIAL USE.
Claims use since Aug. 7, 1945.

Ser. No. 518,596. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947.

HARPER
CENTER SIMMER

The words "Center Simmer" are disclaimed apart from the mark, as shown.
FOR BURNER SYSTEMS FOR GAS STOVES AND RANGES COMPRISING BURNERS, VALVES AND LIGHTERS.
Claims use since October 1946.

Ser. No. 518,723. HARPER-WYMAN COMPANY, Chicago, Ill. Filed July 5, 1947.

H

FOR GAS VALVES FOR GAS STOVE AND GAS RANGE BURNERS.
Claims use since March 1940.

Ser. No. 532,838. LONERGAN MANUFACTURING COMPANY, Albion, Mich. Filed Aug. 29, 1947. Under section 2f of the act of 1946.

Lonergan

FOR SPACE HEATERS, WATER HEATERS, FURNACES, AND OIL BURNERS.
Claims use since February 1933.

Ser. No. 537,691. THE HEIL CO., Milwaukee, Wis. Filed Oct. 13, 1947. Under section 2f of the act of 1946.

HEIL

FOR CONVERSION OIL BURNERS, GAS AND OIL FIRED FURNACES AND BOILERS, AND BOILER-BURNER UNITS FOR HEATING PURPOSES.
Claims use on conversion oil burners since 1929; on gas and oil fired furnaces since 1934; and on boiler-burner units since 1932.

Ser. No. 539,698. HAYWARD MANUFACTURING COMPANY INC., Brooklyn, N. Y. Filed Oct. 31, 1947. Under section 2f of the act of 1946.

HAYWARD

FOR OIL BURNERS, PARTS THEREOF, AND ACCESSORIES THERETO.
Claims use since Oct. 19, 1930.

Ser. No. 539,756. R-S PRODUCTS CORPORATION, Philadelphia, Pa. Filed Oct. 31, 1947.

R-S

The drawing is lined for the colors red and black.
FOR INDUSTRIAL FURNACES.
Claims use since Dec. 1, 1941.

Ser. No. 546,001. LOUIS ENGINEERING CO., Chicago, Ill. Filed Jan. 2, 1948.

PYRO-MATIC

FOR GUN-TYPE OIL BURNERS.
Claims use since Aug. 18, 1947.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 514,134. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio. Filed Jan. 5, 1948.

ROADSTYLER

FOR RUBBER TIRES FOR VEHICLES, BICYCLES, AND AUTOMOBILES, BOTH SOLID AND PNEUMATIC; INNER TUBES FOR PNEUMATIC TIRES, PLASTERS AND PATCHES THEREFOR.
Claims use since Nov. 13, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 503,798. BROWNVILLE BOARD COMPANY, Brownville, N. Y. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

BR
BROWNVILLE

The drawing is lined for shading only.
FOR BRISTOL BOARD, POSTER BOARD, AND BLANKS USED FOR PRINTING SIGNS, PLACARDS, POSTERS, AND THE LIKE.
Claims use since Nov. 10, 1939.

Ser. No. 512,374. BROWN & BIGELOW, St. Paul, Minn. Filed July 5, 1947. Under section 2f of the act of 1946.

Redipoint

Applicant claims ownership of registration No. 144,356.
FOR MECHANICAL PENCILS, LEADS, AND ERASERS.
Claims use since Nov. 1, 1917.

Ser. No. 529,818. PARSONS PAPER COMPANY, Holyoke, Mass. Filed July 28, 1947. Under section 2f of the act of 1946.

MERCANTILE

Applicant claims ownership of registrations Nos. 154,839 and 61,588.
FOR PRINTING AND WRITING PAPER.
Claims use since September 1914.

Ser. No. 530,002. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947. Under section 2f of the act of 1946.

MAXWELL

FOR BOND PAPER, MIMEOGRAPH PAPER, OFFSET PAPER, ENVELOPE PAPER, AND PAPER ENVELOPES.
Claims use since 1927.

Ser. No. 531,085. BRIGHTWATER PAPER COMPANY, Dover, Del., and Adams, Mass. Filed Aug. 12, 1947. Under section 2f of the act of 1946.

EATONIAN

Applicant claims ownership of registrations Nos. 362,661 and 362,662.
FOR WRITING PAPER (BOND, VELLUM AND LEDGER).
Claims use since February 1931.

Ser. No. 533,298. FULTON SPECIALTY CO., Elizabeth, N. J. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

Service

FOR DATER STAMPS.
Claims use since September 1927.

Ser. No. 534,936. STRATFORD PEN CORPORATION, New York, N. Y. Filed Sept. 18, 1947. Under section 2f of the act of 1946.

Warwick

Applicant claims ownership of registration No. 274,210.
FOR FOUNTAIN PENS AND PENCILS.
Claims use since Apr. 1, 1922.

Ser. No. 537,589. HOLLINGSWORTH & VOSE COMPANY, East Walpole, Mass. Filed Oct. 11, 1947.

SATUREX

FOR PAPER IN SHEETS OR ROLLS SUITABLE FOR IMPREGNATION WITH NATURAL OR SYNTHETIC RUBBER LATICES, GLUE AND GLYCERIN SOLUTIONS, ZINC CHLORIDE AND SULPHURIC ACIDS, SYNTHETIC AND NATURAL RESINS, OILS, CARBONS, ASPHALTS, WAXES OR OTHER IMPREGNATING MATERIALS.
Claims use since Aug. 18, 1947.

Ser. No. 538,039. RICH-MARC MFG. CO., INC., New York, N. Y. Filed Oct. 16, 1947.

RICH MARC

FOR FOUNTAIN PENS, BALL POINTED PENS, AND MECHANICAL PENCILS.
Claims use since Mar. 26, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 499,766. THE CONTINENTAL BANK & TRUST COMPANY OF NEW YORK, New York, N. Y., assignor to Chemical Bank & Trust Company, New York, N. Y., a corporation of New York. Filed July 24, 1947.

TRENDS

FOR PERIODICAL PUBLISHED WEEKLY COMPRISING ANALYSES OF ECONOMIC DEVELOPMENTS AND TENDENCIES.
Claims use since Mar. 28, 1934.

Ser. No. 534,362. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 11, 1947.



Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,609.
FOR PERIODICAL PUBLICATIONS, PRINTS, AND PLANS WITH INFORMATION FOR CONSTRUCTION OF VARIOUS ARTICLES OF WOOD, METAL, OR BOTH.
Claims use since Dec. 13, 1945.

Ser. No. 535,326. THE KIPLINGER WASHINGTON AGENCY, INC., Washington, D. C. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

THE KIPLINGER WASHINGTON LETTER

FOR WEEKLY NEWSLETTER.
Claims use since Oct. 6, 1923.

Ser. No. 535,327. THE KIPLINGER WASHINGTON AGENCY, INC., Washington, D. C. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

THE KIPLINGER TAX LETTER

FOR WEEKLY TAX LETTER.
Claims use since June 5, 1925.

Ser. No. 535,328. THE KIPLINGER EDITORS, INC., Washington, D. C. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

THE KIPLINGER AGRICULTURAL LETTER

FOR WEEKLY AGRICULTURAL LETTER.
Claims use since Apr. 25, 1931.

Ser. No. 547,257. KEGLERS OF AMERICA, INC., Spokane, Wash. Filed Jan. 16, 1948. COLLECTIVE MARK.



In the drawing, the ball and that part of the letters "B. P. O." extending beyond the ball outline are lined to indicate black and the letter "K" is lined to indicate red.
FOR MEMBERSHIP CARDS IN THE ASSOCIATION KNOWN AS THE BENEVOLENT AND PROTECTIVE ORDER OF KEGLERS OF AMERICA.
Claims use since Mar. 25, 1939.

Ser. No. 550,732. RADIO MANUFACTURERS ASSOCIATION, Washington, D. C. Filed Feb. 27, 1948.

RMA STANDARD



The words "Standard," "Member," and "Radio Manufacturers Association" are disclaimed apart from the mark as shown.
FOR PUBLICATIONS ISSUED FROM TIME TO TIME DEVOTED TO RADIO TRANSMITTING AND RECEIVING APPARATUS.
Claims use since January 1930.

CLASS 39

CLOTHING

Ser. No. 506,894. PINEHURST TEXTILES INC., Asheboro, N. C. Filed July 29, 1947. Under section 2f of the act of 1946.

PINEHURST

FOR UNDERWEAR FOR WOMEN AND CHILDREN.
Claims use since Jan. 30, 1946.

Ser. No. 511,665. BLUE BUCKLE OVERALL COMPANY, INC., Lynchburg, Va. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

SUPER TRIM

FOR OVERALLS, COATS, DUNGAREES, WORK PANTS, WORK SHIRTS, AND ONE PIECE WORK SUITS.
Claims use since Mar. 20, 1933.

Ser. No. 521,036. TENNESSEE GLOVE COMPANY, Tullahoma, Tenn. Filed Apr. 7, 1948.

BULL PUP

FOR FABRIC WORK GLOVES.
Claims use since Nov. 12, 1938.

Ser. No. 526,616. I. B. KLEINERT RUBBER COMPANY, INC., New York, N. Y. Filed July 5, 1947.

TRI-FORM

The term "Form" is disclaimed apart from the mark.
FOR BODICES DESIGNED TO HOLD DRESS SHIELDS AND DETACHABLE SHOULDER PADS.
Claims use since May 26, 1947.

Ser. No. 529,007. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

HI-HAT

FOR WORK GLOVES MADE OF LEATHER AND CANTON FLANNEL.
Claims use since October 1940.

Ser. No. 529,157. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 22, 1947.

BULL-GRIP



No registration rights are claimed for the word "Grip" apart from the mark.
FOR WORK GLOVES MADE OF LEATHER AND CANTON FLANNEL.
Claims use since August 1932.

Ser. No. 529,835. TRUDY FROCKS, INC., Philadelphia, Pa. Filed July 28, 1947.

Missette

FOR INFANTS' AND CHILDREN'S DRESSES, BLOUSES, PLAY SUITS, AND JUNIOR GIRLS' DRESSES.
Claims use since July 10, 1947.

Ser. No. 531,294. BOONTON FULL FASHION HOSIERY MILLS, Boonton, N. J. Filed Aug. 14, 1947.

DANSANTE

FOR HOSIERY.
Claims use since June 18, 1947.

Ser. No. 537,439. ECKERO MANUFACTURING COMPANY, Chicago, Ill. Filed Oct. 10, 1947.

CACTUS BILL

FOR CLOTHING—NAMELY, WORK SHIRTS, JACKETS, PANTS, OVERALLS, COVERALLS, AND DUNGAREES.
Claims use since Apr. 10, 1947.

Ser. No. 537,692. HERBERT MANUFACTURING COMPANY, St. Paul, Minn. Filed Oct. 13, 1947.

Valu-paka

Applicant claims ownership of registration No. 393,090.
FOR MEN'S OVERCOATS.
Claims use since Feb. 1, 1946.

Ser. No. 538,348. THE BERGER BROTHERS COMPANY, New Haven, Conn. Filed Oct. 20, 1947. Under section 2f of the act of 1946.

SPENCER-ALL

Applicant claims ownership of registrations Nos. 409,766, 257,431, and 168,308.
FOR CORSETS, GIRDLES, AND BRASSIÈRES.
Claims use since Dec. 1, 1926.

Ser. No. 541,342. S. & S. UNDERGARMENT COMPANY, New York, N. Y. Filed Nov. 15, 1947.

Silver Ray

Applicant disclaims the word "Silver" apart from the mark as shown.
FOR LADIES' UNDERGARMENTS, SPECIFICALLY PANTIES.
Claims use since Oct. 1, 1947.

Ser. No. 541,839. DAVE HERSTEIN, CO., INC., New York, N. Y. Filed Nov. 20, 1947. Under section 2f of the act of 1946.

bernice charles

The applicant's mark is a fanciful name.
FOR LADIES' AND MISSES' HATS AND LEATHER AND FABRIC GLOVES.
Claims use since Oct. 1, 1934.

Ser. No. 544,899. NATIONAL BLOUSE CORPORATION, New York, N. Y. Filed Dec. 19, 1947.

SPRING SONNET

FOR LADIES' AND MISSES' BLOUSES.
Claims use since Nov. 1, 1947.

Ser. No. 545,301. S. & S. UNDERGARMENT COMPANY, New York, N. Y. Filed Dec. 23, 1947.

ELL·SEE·JAY

FOR CHILDREN'S UNDERGARMENTS, SPECIFICALLY PANTIES.
Claims use since June 16, 1947.

Ser. No. 545,365. W. H. GOODSTEIN MILLINERY CO., INC., Chicago, Ill. Filed Dec. 24, 1947.

Connie Mae

FOR LADIES' HATS.
Claims use since Jan. 1, 1946.

Ser. No. 545,366. W. H. GOODSTEIN MILLINERY CO., INC., Chicago, Ill. Filed Dec. 24, 1947.

Erma Model

Applicant disclaims the word "Model" apart from the mark.
FOR LADIES' HATS.
Claims use since Jan. 1, 1930.

Ser. No. 545,368. W. H. GOODSTEIN MILLINERY CO., INC., Chicago, Ill. Filed Dec. 24, 1947.

La Dernière

FOR LADIES' HATS.
Claims use since Jan. 1, 1942.

Ser. No. 545,369. W. H. GOODSTEIN MILLINERY CO., INC., Chicago, Ill. Filed Dec. 24, 1947.

Nuage's

FOR LADIES' HATS.
Claims use since Jan. 1, 1946.

Ser. No. 545,492. LAURA LEE FROCKS, INC., St. Louis, Mo. Filed Dec. 26, 1947. Under section 2f of the act of 1946.

Laura Lee

Applicant claims ownership of registration No. 383,601.
FOR WOMEN'S DRESSES.
Claims use since Mar. 1, 1938.

Ser. No. 545,653. SIMON & MOGILNER, St. Paul, Minn. Filed Dec. 29, 1947.



FOR INFANTS' AND CHILDREN'S GARMENTS—NAMELY, PLAYSUITS, OVERALLS, SNOW SUITS, CRAWLERS, SUNSUITS, PINAFORES AND PAJAMAS.
Claims use since Jan. 1, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 531,989. C. J. BATES & SON, Chester, Conn. Filed Aug. 21, 1947.

IN LINE

FOR CROCHET HOOKS FOR HAND USE.
Claims use since June 2, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 514,279. ESTHER M. KROMER, Chicago, Ill. Filed Aug. 1, 1947. Under section 2f of the act of 1946.

STAYON

Evidence supporting claim of distinctiveness is of record in this application.
FOR BED SHEETS.
Claims use since Nov. 2, 1945.

Ser. No. 528,872. MANUFACTURES DE PRODUITS CHIMIQUES DU NORD ETABLISSEMENTS KUHLMANN, Paris, France. Filed July 18, 1947.

VISCODOZ

Applicant claims ownership of French registration No. 352,309.
FOR FABRICS MADE FROM SYNTHETIC FIBERS, AND FROM ANIMAL AND VEGETABLE FIBERS—NAMELY, WOOL, HAIRS, HEMP, FLAX, JUTE, AND COTTON, AND SOLD IN THE PIECE, YARD OR BOLT.
Claims use since June 2, 1944.

Ser. No. 535,846. INTERCHEMICAL CORPORATION, New York, N. Y. Filed Sept. 26, 1947.

VICO

FOR WINDOW CURTAINS AND TABLE COVERINGS OF COATED TEXTILE FABRICS OR OF THIN PLASTIC FILM.
Claims use since Aug. 22, 1947.

Ser. No. 536,046. CAMEO FABRICS, INC., New York, N. Y. Filed Sept. 29, 1947.

CAMELOT

FOR WOVEN TEXTILE FABRICS OF RAYON YARN, IN THE PIECE.
Claims use since April 1939.

Ser. No. 536,491. BLANCHARD DECO-PLASTICS, INC., Newark, N. J., assignor to Deco-Plastics, Inc., New York, N. Y., a corporation of New Jersey. Filed Oct. 2, 1947.

Blanchardized

FOR PLASTIC SHEETING FOR UPHOLSTERY, LUGGAGE, WALL COVERING, AND OTHER INDUSTRIAL USES.
Claims use since Apr. 17, 1947.

Ser. No. 537,004. CENTURY RIBBON MILLS, INC., New York, N. Y. Filed Oct. 7, 1947. Under section 2f of the act of 1946.

TEN CENTER

Applicant claims ownership of registration No. 268,931.
FOR RIBBONS IN REELS, ROLLS, AND BY THE YARD.
Claims use since December 1928.

Ser. No. 541,822. DANIEL W. FARNSWORTH, New York, N. Y. Filed Nov. 20, 1947. Under section 2f of the act of 1946.

FARNSWORTH

Applicant claims ownership of registration No. 190,780.
FOR WOOLEN PIECE GOODS AND PURE WOOLEN BLANKETS.
Claims use since July 1, 1918.

Ser. No. 542,019. Daniel W. Farnsworth, New York, N. Y. Filed Nov. 22, 1947. Under section 2f of the act of 1946.

"VALLEY OF VERMONT TWEEDS"

The word "Tweeds" is disclaimed apart from the mark shown. Applicant claims ownership of registration No. 371,615.

FOR WOOLEN AND WORSTED PIECE GOODS, USED IN THE MANUFACTURE OF LADIES' COATS AND SUITS.

Claims use since June 6, 1938.

Ser. No. 543,127. Crompton Company, Crompton, R. I. Filed Dec. 3, 1947.

CROSS COUNTRY

Applicant claims ownership of registration No. 330,837.

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.

Claims use since Jan. 22, 1935.

Ser. No. 543,133. Crompton Company, Crompton, R. I. Filed Dec. 3, 1947.

WAVE-OF-THE-WAND

Applicant claims ownership of registration No. 354,098.

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.

Claims use since June 23, 1937.

Ser. No. 543,804. Folker Fabrics Corporation, New York, N. Y. Filed Dec. 9, 1947.

DRY ICE

FOR TEXTILE FABRICS IN THE PIECE OF RAYON.

Claims use since May 13, 1942.

Ser. No. 544,526. Fred R. Allmann, doing business as F. R. Allmann Woolen Co., Brooklyn, N. Y. Filed Dec. 17, 1947. Under section 2f of the act of 1946.

Webster

Applicant claims ownership of registration No. 145,496.

FOR WOOLEN AND WORSTED PIECE GOODS.

Claims use since May 16, 1917.

Ser. No. 544,860. Fibra Fabrics, Inc., New York, N. Y. Filed Dec. 19, 1947.

MADEMOISELLE PRINTS

The word "Prints" is disclaimed apart from the mark.

FOR COTTON FABRICS IN THE PIECE.

Claims use since Oct. 6, 1946.

Ser. No. 544,889. Mar-Win Mfg. Co., Inc., Brooklyn, N. Y. Filed Dec. 19, 1947.

Aquatain

FOR SHOWER CURTAINS AND BATHROOM CURTAINS.

Claims use since May 13, 1946.

Ser. No. 544,956. York Street Flax Spinning Co. Limited, Belfast, Ireland. Filed Dec. 19, 1947.

"MEADOW BLEACH"

The word "Bleach" is disclaimed apart from the mark. Applicant claims ownership of registration No. 166,466 and British registrations Nos. B422,947 and B422,948.

FOR LINEN SMALL WARES—NAMELY, TABLE CLOTHS, NAPKINS, TOWELS, SHEETS, PILLOWCASES, TEA CLOTHS, AND BUREAU AND SIDEBOARD SCARFS AND LINEN PIECE GOODS.

Claims use since Aug. 10, 1893.

Ser. No. 544,967. Joseph Berlinger Company, New York, N. Y. Filed Dec. 20, 1947.

Berlo

FOR PIECE GOODS OF SILK, WOOL, SYNTHETIC FIBERS, AND COMBINATIONS THEREOF.

Claims use since 1927.

Ser. No. 545,530. Pendleton Woolen Mills, Pendleton and Portland, Oreg. Filed Dec. 26, 1947. Under section 2f of the act of 1946.

HARDING

Applicant claims ownership of registration No. 246,461.

FOR WOOLEN BLANKETS.

Claims use since July 2, 1923.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 530,443. Southeastern Development Corporation, Jacksonville, Fla. Filed Aug. 4, 1947.

Electronic NORMALIZER

The word "Electronic" is disclaimed apart from the mark as shown.

FOR ELECTRONIC MACHINES FOR USE IN THE TREATMENT OF MUSCULAR, ARTHRITIC, RHEUMATIC, AND SIMILAR AILMENTS OF THE BODY.

Claims use since Nov. 1, 1946.

Ser. No. 542,905. Bracke-Seib X-Ray Co., Inc., New York, N. Y. Filed Dec. 2, 1947.

PEDIATRON

FOR FLUOROSCOPES FOR USE WITH BABIES.

Claims use since March 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 506,006. California Canners Associates, Los Angeles, Calif. Filed Dec. 6, 1947.

GLASS O'GOLD

The word "Glass" is disclaimed apart from the mark.

FOR CANNED FRUIT JUICES FOR FOOD PURPOSES—NAMELY, ORANGE JUICE AND BLENDED ORANGE, APRICOT, AND LEMON JUICE.

Claims use since Oct. 8, 1945, for canned orange juice; and since July 2, 1946, for blended orange, apricot, and lemon juice.

Ser. No. 537,575. Duncan Coffee Company, Houston, Tex. Filed Oct. 11, 1947.

Texan

FOR COFFEES.

Claims use since Nov. 1, 1918.

Ser. No. 538,493. H. P. Cannon & Son, Inc., Bridgeville, Del. Filed Oct. 21, 1947. Under section 2f of the act of 1946.

Sussex BRAND

The word "Brand" is disclaimed apart from the mark.

FOR CANNED VEGETABLES AND CANNED TOMATO JUICE.

Claims use since 1911.

Ser. No. 541,063. Allison-Bedford Company, Chicago, Ill. Filed Nov. 14, 1947.

PINECOT

FOR FRUIT PRESERVES.

Claims use since Sept. 1, 1916.

Ser. No. 558,883. General American Transportation Corporation, Chicago, Ill. Filed June 10, 1948.

MALEKIZED

Applicant claims ownership of registration No. 388,885.

FOR CEREAL GRAIN, PROCESSED BY PRECOOKING OR STEAMING—NAMELY, RICE.

Claims use since Nov. 23, 1946.

CLASS 55

SERVICES

Ser. No. 533,873. Amber Freitas, doing business as Amber Weaving Service, Buffalo, N. Y. Filed Sept. 9, 1947. SERVICE MARK.

Amber

FOR CLOTH WEAVING SERVICE FOR REPAIRING HOLES, BURNS, OR DEFECTS IN TEXTILE MATERIALS.

Claims use since August 1945.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

440,905. FILTERS IN THE NATURE OF ACCESSORIES FOR INTERNAL COMBUSTION ENGINES, PARTICULARLY FLUID LUBRICANT, FUEL AND OIL FILTERS AND PARTS THEREFOR. FRAM CORPORATION, East Providence, R. I.
Filed March 4, 1941. Serial No. 441,200. PUBLISHED JUNE 29, 1948. Class 23.

440,906. PROTECTIVE PLASTIC COVERING MATERIAL IN THE NATURE OF A PAINT ENAMEL FOR SURFACES OF METAL AND OTHER MATERIALS. THE GRISCOM RUSSELL COMPANY, New York, N. Y.
Filed May 25, 1945. Serial No. 483,771. PUBLISHED JUNE 29, 1948. Class 16.

440,907. PAJAMAS FOR MEN, WOMEN AND CHILDREN. BERTICE PAULINE GARRISON, doing business as Paula Garrison, Seattle, Wash., assignor to Paula, Inc., Seattle, Wash., a corporation of Washington.
Filed August 29, 1945. Serial No. 487,714. PUBLISHED JULY 6, 1948. Class 39.

440,908. CORSETS, BRASSIÈRES, AND FOUNDATION GARMENTS. LEADING FOUNDATIONS CO., INC., New York, N. Y.
Filed October 16, 1945. Serial No. 490,026. PUBLISHED JUNE 29, 1948. Class 39.

440,909. PERFUME AND TOILET WATER. PRINCE OBOLENSKI PERFUMERIE INC., New York, N. Y.
Filed October 29, 1945. Serial No. 490,695. PUBLISHED MARCH 19, 1946. Class 6.

440,910. WHITE WHEAT FLOUR. UNIVERSAL MILLS, Fort Worth, Tex.
Filed January 3, 1946. Serial No. 494,245. PUBLISHED JULY 6, 1948. Class 46.

440,911. BRANDY. CARBONELL Y COMPAÑIA DE CORDOBA S. A., Cordoba, Spain.
Filed January 10, 1946. Serial No. 494,541. PUBLISHED JULY 13, 1948. Class 49.

440,912. BLANKET BAGS, GARMENT BAGS AND FOOD BAGS MADE OF PLASTIC COATED MATERIAL AND SYNTHETIC FILM. KENNEDY CAR LINER & BAG CO. INC., Shelbyville, Ind.
Filed January 29, 1946. Serial No. 495,608. PUBLISHED JULY 13, 1948. Class 2.

440,913. AUTOMOBILE ENGINE OIL REGULATORS OF ORIFICE CONSTRICTION TYPE FOR INSERTION IN THE CAMSHAFT OIL PASSAGE TO REDUCE THE OIL FLOW THERETHROUGH. CHARLES F. JOHNSTON, doing business as Super Auto Products Co., Oakland, Calif.
Filed February 19, 1946. Serial No. 496,912. PUBLISHED JULY 13, 1948. Class 23.

440,914. SHOWER BATH HEADS, TUBULAR TRAPS, CHROME FAUCET HANDLES, BIBB SCREWS AND NUTS, AND REPAIR PLUGS. CHICAGO SPECIALTY MANUFACTURING COMPANY, Chicago, Ill.
Filed March 1, 1946. Serial No. 497,453. PUBLISHED JULY 6, 1948. Class 13.

440,915. FUR COATS, FUR CAPES, FUR JACKETS, FUR MUFFS, AND FUR SCARFS. MAX KOCH & SON, INC., New York, N. Y.
Filed April 1, 1946. Serial No. 499,418. PUBLISHED JUNE 22, 1948. Class 39.

440,916. SPORTSWEAR—NAMELY, MEN'S AND BOYS' SLACKS, KNICKERS, SHIRTS, JACKETS AND BREECHES, INCLUDING HUNTING BREECHES, AND HUNTING COATS. CARWOOD MANUFACTURING COMPANY, Winder, Ga.
Filed April 25, 1946. Serial No. 500,861. PUBLISHED JULY 6, 1948. Class 39.

440,917. RESINOUS PLASTIC COATINGS IN THE NATURE OF PAINTS FOR USE ON METAL, CONCRETE, AND TILE SURFACES; WATERPROOFING COATINGS FOR USE ON FABRICS AND PAPER, AND ANTI-CORROSIVE MARINE PAINTS. PRODUCTS-RESEARCH-SERVICE, INC., Westwego, La.
Filed April 25, 1946. Serial No. 500,897. PUBLISHED JUNE 29, 1948. Class 16.

440,918. CANNED VEGETABLES—NAMELY, ONIONS, FRENCH FRIED ONION, ARTICHOKES, PUMPKINS, ETC. CONSOLIDATED GROCERS CORPORATION, Chicago, Ill.
Filed April 26, 1946. Serial No. 500,947. PUBLISHED JULY 13, 1948. Class 46.

440,919. NECKTIES AND MUFFLERS. MILTON SCHUMAN, doing business as Art Neckwear Company, Philadelphia, Pa.
Filed May 7, 1946. Serial No. 501,603. PUBLISHED JUNE 29, 1948. Class 39.

440,920. SEASONING IN POWDER FORM CONTAINING PAPRIKA, ETC. SOPHIE KATZ, doing business as Mrs. T. Katz, New York, N. Y.
Filed May 9, 1946. Serial No. 501,743. PUBLISHED JULY 20, 1948. Class 46.

440,921. PUMPS AND PARTS THEREOF FOR CORROSIVE, EROSIVE, STICKY, OR GRITTY LIQUIDS IN WHICH COMPRESSED AIR, STEAM, OR PROCESS GAS IS THE OPERATING MEDIUM. TUNGSTONE PRODUCTS LIMITED, London, England.
Filed May 13, 1946. Serial No. 502,037. PUBLISHED JUNE 29, 1948. Class 23.

440,922. FOOD PRODUCTS—NAMELY, DRESSED WHOLE PHEASANT, SEASONING SALT, DRESSED WILD TURKEY, PHEASANT A LA NEWBERG, SMOKED TURKEY, ETC. MAX MCGRAW, Dundee, Ill.
Filed May 29, 1946. Serial No. 502,991. PUBLISHED JULY 13, 1948. Class 46.

440,923. COMBINED CHICKEN FRYER, DUTCH OVEN AND CASSEROLE, MADE OF A BASE METAL MATERIAL. THE MACO CORPORATION, Huntington, Ind.
Filed June 5, 1946. Serial No. 503,300. PUBLISHED JULY 13, 1948. Class 13.

440,924. FLUORESCENT READY-MIXED PAINTS, LACQUERS, LACQUER-ENAMELS AND WATER COLORS. SWITZER BROTHERS, Cleveland, Ohio, assignor to Switzer Brothers, Inc., Cleveland, Ohio, a corporation of Ohio.
Filed June 7, 1946. Serial No. 503,479. PUBLISHED JULY 6, 1948. Class 16.

440,925. ELECTRICALLY CONTROLLED CARBONATING APPARATUS FOR POTABLE LIQUIDS. THE BASTIAN-BLESSING COMPANY, Chicago, Ill.
Filed June 15, 1946. Serial No. 503,968. PUBLISHED JULY 13, 1948. Class 23.

440,926. POTATO CHIPS. THE SHAEFFER-BLACK COMPANY, Canton, Ohio.
Filed June 15, 1946. Serial No. 504,002. PUBLISHED JULY 13, 1948. Class 46.

440,927. RUM. WILLIAM MICHELSON, New York, N. Y.
Filed June 18, 1946. Serial No. 504,120. PUBLISHED JUNE 15, 1948. Class 49.

440,928. LIQUEURS AND CORDIALS. WILLIAM MICHELSON, New York, N. Y.
Filed June 18, 1946. Serial No. 504,121. PUBLISHED JUNE 29, 1948. Class 49.

440,929. CANNED CITRUS FRUIT JUICE AND CANNED CITRUS FRUIT SECTIONS. MCDONALD & OLLIFF, INC., Wauchula, Fla.
Filed June 25, 1946. Serial No. 504,569. PUBLISHED JULY 13, 1948. Class 46.

440,930. FLOOR WAX AND FURNITURE POLISH. HOUSEHOLD PAPER PRODUCTS CO., Detroit, Mich.
Filed June 28, 1946. Serial No. 504,768. PUBLISHED JULY 6, 1948. Class 16.

440,931. MEN'S ABDOMINAL SUPPORTS IN THE NATURE OF GIRDLES FOR ORDINARY WEAR. GEORGE FROST COMPANY, Boston, Mass.
Filed July 8, 1946. Serial No. 505,194. PUBLISHED JUNE 22, 1948. Class 39.

440,932. LADIES' DRESSES, COATS, JACKETS, SKIRTS, SUITS. ASTA MODELS LIMITED, London, England.
Filed July 12, 1946. Serial No. 505,472. PUBLISHED JUNE 15, 1948. Class 39.

440,933. CHILDREN'S, GIRLS', AND MISSES' DRESSES, BLOUSES, SKIRTS, DRESS AND JACKET ENSEMBLES, JACKETS, SLACKS, SWEATERS, COATS, SUITS, JUMPERS, AND PINAFORES. FELIX SAFIAN, New York, N. Y.
Filed July 25, 1946. Serial No. 506,266. PUBLISHED JUNE 29, 1948. Class 39.

440,934. HAIR SNOODS. DEBONAIR FASHIONS, New York, N. Y.
Filed July 29, 1946. Serial No. 506,428. PUBLISHED AUGUST 26, 1947. Class 39.

440,935. NEGLIGEES. MEISTER BROTHERS, Cleveland, Ohio.
Filed July 30, 1946. Serial No. 506,537. PUBLISHED JUNE 29, 1948. Class 39.

440,936. HAND OPERATED AUTO JACKS, AND AUTO SPARK PLUG WRENCHES. S. & J. MACHINE CORP., Richmond Hill, N. Y.
Filed August 14, 1946. Serial No. 507,433. PUBLISHED JUNE 29, 1948. Class 23.

440,937. MECHANICAL APPARATUS INCLUDING A VALVE FOR CONTROLLING AND REGULATING THE FLOW OF AIR OR LIQUID FOR GOVERNING THE OPERATION OF MACHINES. GALLAND-HENNING MFG. CO., Milwaukee, Wis.
Filed August 16, 1946. Serial No. 507,525. PUBLISHED JUNE 29, 1948. Class 23.

440,938. WINES. ETABLISSEMENTS VITRY-VAUCLUSE, SOCIETE A RESPONSABILITE LIMITEE, Vitry-sur-Seine, France.
Filed August 16, 1946. Serial No. 507,545. PUBLISHED JUNE 29, 1948. Class 47.

440,939. CHILDREN'S OUTER WEARING APPAREL—NAMELY, TROUSERS, SLACKS, JODHPURS, SHORTS, PLAY OVERALLS, TODDLER OVERALLS AND JACKETS, AND SPORT JACKETS. TRI-PAREL CORPORATION, Philadelphia, Pa.
Filed August 17, 1946. Serial No. 507,603. PUBLISHED JUNE 22, 1948. Class 39.

440,940. SYNTHETIC RESINOUS MATERIALS OR SOLUTIONS THEREOF PRIMARILY FOR USE IN PIGMENTED OR UNPIGMENTED FORM, AS PROTECTIVE COATINGS. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa., assignor to Rohm & Haas Company, Philadelphia, Pa., a corporation of Delaware.
Filed August 22, 1946. Serial No. 507,853. PUBLISHED JULY 13, 1948. Class 16.

440,941. MEN'S, WOMEN'S, AND CHILDREN'S HATS AND HAT BODIES. MERRIMAC HAT CORPORATION, Amesbury, Mass.
Filed August 24, 1946. Serial No. 507,990. PUBLISHED JUNE 29, 1948. Class 39.

440,942. MEN'S, WOMEN'S, AND CHILDREN'S HATS AND HAT BODIES. MERRIMAC HAT CORPORATION, Amesbury, Mass.
Filed September 9, 1946. Serial No. 508,738. PUBLISHED JUNE 22, 1948. Class 39.

440,943. PUNCH PRESSES, PRESS BRAKES, AND LIKE METAL WORKING PRESSES AND PARTS THEREFOR. THE WARREN CITY MANUFACTURING COMPANY, Warren, Ohio.
Filed September 10, 1946. Serial No. 508,827. PUBLISHED JULY 6, 1948. Class 23.

440,944. PAPERBOARD, FIBERBOARD, AND BOXBOARD, CORRUGATED AND UNCORRUGATED. CONSOLIDATED PAPER COMPANY, Monroe and Detroit, Mich., and Aurora, Ill.
Filed September 14, 1946. Serial No. 509,076. PUBLISHED JUNE 15, 1948. Class 37.

440,945. CANNED MUSHROOMS AND CANNED ORIENTAL FOODS—NAMELY, BEAN SPROUTS, CHOP SUEY MIXED VEGETABLES, ETC. LENNYS FOODS, INC., Duluth, Minn.
Filed September 19, 1946. Serial No. 509,353. PUBLISHED JULY 20, 1948. Class 46.

440,946. MOLDING MACHINES, VIBRATORS, AND VALVES THEREFOR. SPO, INCORPORATED, Cleveland, Ohio.
Filed September 28, 1946. Serial No. 509,963. PUBLISHED JUNE 29, 1948. Class 23.

440,947. WHISKEY. SIEGFRIED LOEWENTHAL COMPANY, Cleveland, Ohio.
Filed October 10, 1946. Serial No. 510,602. PUBLISHED JUNE 15, 1948. Class 49.

440,948. BOYS' AND GIRLS' BLOUSES, SHIRTS AND SPORT POLO SHIRTS FOR OUTER WEAR. MINNIE GOLDFARB, administratrix of the business of Joseph Goldfarb, New York, N. Y., assignor to Onyx Blouse Co., Inc., New York, N. Y., a corporation of New York.
Filed October 18, 1946. Serial No. 511,083. PUBLISHED DECEMBER 2, 1947. Class 39.

440,949. FRESH GRAPES. EAST-SIDE FRUIT GROWERS, Lodi, Calif.
Filed October 26, 1946. Serial No. 511,543. PUBLISHED JULY 6, 1948. Class 46.

440,950. MACHINES FOR MIXING CONCRETE, MORTAR, AND SIMILAR AGGREGATES. BRIDWELL BOILER WORKS, Atlanta, Ga.
Filed October 29, 1946. Serial No. 511,670. PUBLISHED JULY 13, 1948. Class 23.

440,951. HIGH-BOILING AROMATIC OILS, ETC. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.
Filed November 9, 1946. Serial No. 512,349. PUBLISHED JULY 6, 1948. Class 16.

440,952. WINCHES DESIGNED TO BE POWERED BY AN INTERNAL COMBUSTION ENGINE AND ACCESSORIES THEREFOR—NAMELY, LINES AND FITTINGS, ROOT HOOKS, EQUIPPED WITH A LINE AND WEDGED FITTING, MACHINE ANCHOR LINES WITH WEDGED FITTING, AUTOMATIC SNATCH BLOCKS, SLING BLOCKS, AND CABLE TAKE-UPS. ALFRED W. EVANS, Gloucester, Va., and Englewood, N. J.
Filed November 19, 1946. Serial No. 512,829. PUBLISHED JULY 6, 1948. Class 23.

440,953. SOCKET WRENCHES, SOCKET WRENCH SETS, SOCKET WRENCH KITS COMPRISING CONTAINERS AND SETS OF WRENCHES, WRENCH SOCKETS, ETC. DURO METAL PRODUCTS CO., Chicago, Ill.
Filed November 20, 1946. Serial No. 512,899. PUBLISHED JUNE 29, 1948. Class 23.

440,954. MEN'S, WOMEN'S, AND CHILDREN'S SWIMSUITS, COATS, JACKETS, SPORT SHIRTS, SHORTS, AND SWEATERS, ETC. GANTNER & MATTERN COMPANY, San Francisco, Calif.
Filed November 25, 1946. Serial No. 513,172. PUBLISHED JULY 6, 1948. Class 39.

440,955. EDIBLE JELLIES AND FRUIT PRESERVES USED AS FOOD SPREADS AND FLAVORS. NATIONAL TEA CO., Chicago, Ill.
Filed November 25, 1946. Serial No. 513,192. PUBLISHED JULY 13, 1948. Class 46.

440,956. CORROSION RESISTANT PAINT. THE MERCHANTS CHEMICAL COMPANY, Stamford, Conn.
Filed November 29, 1946. Serial No. 513,438. PUBLISHED JULY 6, 1948. Class 16.

440,957. FURNITURE AND FLOOR POLISHES AND WAXES. HERMAN G. STRAUSS, doing business as Velva-Sheen Co., Denver, Colo.
Filed November 29, 1946. Serial No. 513,474. PUBLISHED JULY 6, 1948. Class 16.

440,958. WHITE TIRE COATING IN THE NATURE OF A PAINT, BLACK TIRE PAINT, AUTOMOBILE POLISH AND CLEANER, AND AUTO WAX. DUNLOP TIRE AND RUBBER CORPORATION, Buffalo, N. Y.
Filed December 3, 1946. Serial No. 513,616. PUBLISHED JULY 6, 1948. Class 16.

440,959. GARAGE MECHANIC'S EQUIPMENT—NAMELY, A MANUALLY OPERATED MACHINE FOR BREAKING A TIRE BEAD FROM A RIM. ASSOCIATED PRODUCERS, INC., Detroit, Mich.
Filed October 4, 1946. Serial No. 513,791. PUBLISHED JUNE 17, 1947. Class 23.

440,960. CIGARETTES. R. L. SWAIN TOBACCO COMPANY, INC., Danville, Va.
Filed December 17, 1946. Serial No. 514,445. PUBLISHED JULY 20, 1948. Class 17.

440,961. DISTILLED ALCOHOLIC LIQUORS, PARTICULARLY COGNACS. ETABLISSEMENTS VITRY-VAUCLUSE, SOCIETE A RESPONSABILITE LIMITEE, Vitry-sur-Seine, France.
Filed January 8, 1947. Serial No. 515,463. PUBLISHED July 13, 1948. Class 49.

440,962. SILK SCREEN STENCIL FILMS. ACE CLEARPRINT PRODUCTS, INC., New York, N. Y.
Filed January 11, 1947. Serial No. 515,595. PUBLISHED SEPTEMBER 30, 1947. Class 37.

440,963. CIGARETTES. BROTHERS TOBACCO CORPORATION, Brooklyn, N. Y.
Filed January 11, 1947. Serial No. 515,603. PUBLISHED JULY 20, 1948. Class 17.

440,964. WOMEN'S HATS, COATS, SUITS, SKIRTS, SCARFS, DRESSES, BLOUSES, JUMPERS, WRAPS, JACKETS, CAPES, FUR SCARFS, NIGHT DRESSES, PAJAMAS, SLIPS, PETTICOATS, ETC. JACQMAR LIMITED, London, England.
Filed January 22, 1947. Serial No. 516,134. PUBLISHED JUNE 29, 1948. Class 39.

440,965. INFANTS' SHOES MANUFACTURED OF FELTED AND WOVEN FABRICS. BERCE L. VEACH, doing business as Veach Shoe Company, St. Louis, Mo.
Filed January 23, 1947. Serial No. 516,234. PUBLISHED JUNE 29, 1948. Class 39.

440,966. PAINT ENAMELS. ATLANTIC CALSOMINE CO., INC., Brooklyn and New York, N. Y.
Filed February 3, 1947. Serial No. 516,808. PUBLISHED JULY 6, 1948. Class 16.

440,967. METAL CASTING AND METAL FOUNDRY EQUIPMENT—NAMELY, FLASKS, FLASK FITTINGS, ETC. DIAMOND CLAMP & FLASK COMPANY, Richmond, Ind.
Filed February 21, 1947. Serial No. 517,890. PUBLISHED JULY 13, 1948. Class 23.

440,968. HARVESTING MACHINE. VICTOR LEMANSKI, doing business as Ground Mole Harvester Company, Bad Axe, Mich.
Filed Feb. 27, 1947. Serial No. 518,232. PUBLISHED JUNE 29, 1948. Class 23.

440,969. BAKING POWDER. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed March 1, 1947. Serial No. 518,346. PUBLISHED JUNE 8, 1948. Class 46.

440,970. INFANTS' KNITTED AND WOVEN UNDERWEAR—NAMELY, WRAPPERS, PANTIES, ONE-PIECE SUITS AND SHIRTS; AND CHILDREN'S UNDERWEAR—NAMELY, WAIST SUITS, SHIRTS, VESTS AND PANTIES. CARL E. THERKILDSEN, New York, N. Y.
Filed March 4, 1947. Serial No. 518,490. PUBLISHED JULY 6, 1948. Class 39.

440,971. DILUENTS FOR USE IN THE MANUFACTURE OF LACQUERS AND LACQUER THINNERS. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed March 10, 1947. Serial No. 518,791. PUBLISHED JULY 6, 1948. Class 16.

440,972. ORGANIC PLASTIC SCRAPERS TO BE USED IN CLEANING POTS AND PANS. MAGIC FINGER, INC., New York, N. Y.
Filed March 13, 1947. Serial No. 518,960. PUBLISHED JULY 6, 1948. Class 23.

440,973. MEN'S AND/OR WOMEN'S SWEATERS. CENTRALIA KNITTING MILLS, Centralia, Wash.
Filed March 25, 1947. Serial No. 519,512. PUBLISHED JULY 6, 1948. Class 39.

440,974. WOMEN'S SPORT CLOTHES—NAMELY, SCARVES, HATS, AND SPORT SHIRTS. THE NATIONAL BOARD OF THE YOUNG WOMEN'S CHRISTIAN ASSOCIATIONS OF THE UNITED STATES OF AMERICA, New York, N. Y.
Filed March 28, 1947. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 519,769. PUBLISHED JUNE 15, 1948. Class 39.

440,975. CHEMICAL PREPARATIONS FOR THE CLEANSING AND POLISHING OF METALS. YOSEMITE CHEMICAL COMPANY, San Francisco, Calif.
Filed April 3, 1947. Serial No. 520,137. PUBLISHED JUNE 8, 1948. Class 4.

440,976. CORSETTES (GARMENTS COMBINING A LOWER GIRDLE SECTION AND AN UPPER BANDEAU SECTION) AND GIRDLES. THE H & W COMPANY, Newark, N. J.
Filed April 5, 1947. Serial No. 520,216. PUBLISHED JUNE 15, 1948. Class 39.

440,977. NECKTIES. WEMBLEY, INC., New Orleans, La.
Filed April 15, 1947. Serial No. 520,776. PUBLISHED JUNE 29, 1948. Class 39.

440,978. BRASSIÈRES. MUZZY INC., New York, N. Y.
Filed April 16, 1947. Serial No. 520,822. PUBLISHED JUNE 15, 1948. Class 39.

440,979. KITCHEN TOOLS, INCLUDING KITCHEN LADLES, SPOONS, STIRRERS, MANUALLY MANIPULATED MIXERS, EGG-TURNERS, CAKE-TURNERS, FORKS, AND PAN-SCRAPERS. THE EVEREDY COMPANY, Frederick, Md.
Filed April 19, 1947. Serial No. 521,007. PUBLISHED JULY 6, 1948. Class 23.

440,980. PAINT REMOVER COMPOUND. INDUSTRIAL CHEMICAL DEVELOPMENT CORP., New York, N. Y.
Filed April 19, 1947. Serial No. 521,014. PUBLISHED JULY 6, 1948. Class 16.

440,981. CORSETTES (GARMENTS COMBINING A LOWER GIRDLE SECTION AND AN UPPER BANDEAU SECTION) AND GIRDLES. THE H & W COMPANY, Newark, N. J.
Filed April 24, 1947. Serial No. 521,260. PUBLISHED JUNE 15, 1948. Class 39.

440,982. HAND TOOLS—NAMELY, SCRAPERS FOR REMOVING PAINT OR WALL PAPER, FOR CLEANING POTS, PANS AND SKILLETS, FOR USE AS A PUTTY KNIFE, AND FOR SCRAPING FLOORS, WALLS OR OTHER SURFACES. FRANK B. LEWANDOWSKI, doing business as B-Ver-Paw Manufacturing Co., Detroit, Mich.
Filed April 24, 1947. Serial No. 521,266. PUBLISHED JULY 6, 1948. Class 23.

440,983. VARNISH. DAVIS PAINT CO., Kansas City, Mo.
Filed April 30, 1947. Serial No. 521,563. PUBLISHED JULY 6, 1948. Class 16.

440,984. OLIVES, CANNED EVAPORATED MILK, PEANUT BUTTER AND ALL PURPOSE WHEAT FLOUR FOR BAKED PRODUCTS. NATIONAL TEA CO., Chicago, Ill.
Filed April 30, 1947. Serial No. 521,604. PUBLISHED JULY 13, 1948. Class 46.

440,985. PAINT THINNER. TRI-STATE PAINT & CHEMICAL CO., Oklahoma City, Okla.
Filed May 15, 1947. Serial No. 522,448. PUBLISHED JULY 6, 1948. Class 16.

440,986. NON-ALCOHOLIC MALTLESS BEVERAGES IN THE NATURE OF SOFT DRINKS. RAMÓN BENET ARNAVAT, Mexico City, Mexico.
Filed May 17, 1947. Serial No. 522,571. PUBLISHED JUNE 29, 1948. Class 45.

440,987. UTILITY LOADERS OR LIFT TRUCKS. WEST COAST MACHINERY, INC., Stockton, Calif.
Filed May 17, 1947. Serial No. 522,581. PUBLISHED JUNE 29, 1948. Class 23.

440,988. BAKERY MACHINERY—NAMELY, DOUGH CUTTING MACHINERY. WILLIAM K. BOOTH, doing business as Equipment Engineering Company, Los Angeles, Calif.
Filed May 24, 1947. Serial No. 522,956. PUBLISHED JUNE 29, 1948. Class 23.

440,989. NYLON HOSIERY. ALEXANDER MILLER, doing business as Nylospun Hosiery Company, Philadelphia, Pa.
Filed May 28, 1947. Serial No. 523,213. PUBLISHED JUNE 29, 1948. Class 39.

440,990. LACQUER EMULSIONS FOR USE IN LEATHER FINISHING. ROHM & HAAS COMPANY, Philadelphia, Pa.
Filed May 29, 1947. Serial No. 523,281. PUBLISHED JUNE 29, 1948. Class 16.

440,991. MEN'S HATS. THE HECHT CO., Washington, D. C., also doing business as Hecht Bros., Baltimore, Md., and New York, N. Y., and The Hub, Baltimore, Md.
Filed June 3, 1947. Serial No. 523,467. PUBLISHED JUNE 22, 1948. Class 39.

440,992. NITROCELLULOSE LACQUERS. RED SPOT PAINT & VARNISH CO. INC., Evansville, Ind.
Filed June 4, 1947. Serial No. 523,539. PUBLISHED JUNE 29, 1948. Class 16.

440,993. READY MIXED PAINTS AND PAINT ENAMEL. SPENCER-ADAMS PAINT COMPANY, Atlanta, Ga.
Filed June 4, 1947. Serial No. 523,550. PUBLISHED JUNE 29, 1948. Class 16.

440,994. CHEMICAL PAINT REMOVER AND PAINT BRUSH CLEANER. THE PENETONE COMPANY, Tenafly, N. J.
Filed June 7, 1947. Serial No. 523,799. PUBLISHED JULY 6, 1948. Class 16.

440,995. CHEMICAL PAINT REMOVER AND PAINT BRUSH CLEANER. THE PENETONE COMPANY, Tenafly, N. J.
Filed June 7, 1947. Serial No. 523,800. PUBLISHED JULY 6, 1948. Class 16.

440,996. WHISKEY, GIN, AND BRANDY. BROOKSIDE DISTILLING PRODUCTS CORPORATION, Scranton, Pa.
Filed June 9, 1947. Serial No. 523,822. PUBLISHED JANUARY 20, 1948. Class 49.

440,997. RAILROAD WATER SERVICE HYDRANT AND PARTS THEREOF. THE MURDOCK MFG. AND SUPPLY COMPANY, Cincinnati, Ohio.
Filed June 10, 1947. Serial No. 523,918. PUBLISHED LISHED JULY 13, 1948. Class 13.

440,998. RAILROAD WATER SERVICE HYDRANT AND PARTS THEREOF. THE MURDOCK MFG. AND SUPPLY COMPANY, Cincinnati, Ohio.
Filed June 10, 1947. Serial No. 523,919. PUBLISHED JULY 13, 1948. Class 13.

440,999. OFFSET PRINTING PRESSES. ELECTRIC BOAT COMPANY, Groton, Conn.
Filed June 13, 1947. Serial No. 524,121. PUBLISHED JULY 13, 1948. Class 23.

441,000. PROTECTIVE CLOTHING—NAMELY, MEN'S AND WOMEN'S ONE-PIECE SUITS, COATS, PANTS, LEGGINGS, SPATS, OVERALLS, APRONS, SLEEVES, GLOVES, MITTENS, HANDPADS, AND FINGER GUARDS OF LEATHER, ASBESTOS, AND TREATED FABRICS. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed June 19, 1947. Serial No. 524,438. PUBLISHED JUNE 15, 1948. Class 39.

441,001. PAINTS, VARNISHES, LACQUERS, THINNERS, ETC. R. N. NASON & CO., San Francisco, Calif.
Filed July 1, 1947. Serial No. 525,493. PUBLISHED JULY 6, 1948. Class 16.

441,002. WHISKEY. JACK DANIEL DISTILLERY, LEM MOTLOW, PROP., INC., Lynchburg, Tenn.
Filed July 2, 1947. Serial No. 525,555. PUBLISHED JUNE 15, 1948. Class 49.

441,003. BEER, ALE, AND PORTER. THE HEIDELBERG BREWING COMPANY, Covington, Ky.
Filed July 2, 1947. Serial No. 525,596. PUBLISHED JUNE 15, 1948. Class 48.

441,004. READY MIXED ENAMEL PAINT. WILLIAM H. LA VINE, Rochester, N. Y.
Filed July 2, 1947. Serial No. 525,608. PUBLISHED JULY 6, 1948. Class 16.

441,005. SHIRTS, PYJAMAS, DRESSING GOWNS, AND SILK NECKTIES FOR THE USE OF MEN, WOMEN, BOYS, AND GIRLS. CURWEN & SONS (ESTAB. 1856) LIMITED, London, England.
Filed July 3, 1947. Serial No. 525,795. PUBLISHED JUNE 15, 1948. Class 39.

441,006. MECHANICALLY GROOVED PHONOGRAPH RECORDS. LORD & ROBERTS RECORDINGS, San Diego, Calif.
Filed July 3, 1947. Serial No. 525,889. PUBLISHED JULY 13, 1948. Class 36.

ACT OF 1920

These registrations are not subject to opposition.

441,007. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CONSUMERS GAS COMPANY OF GEORGIA, INCORPORATED, Albany, Ga. Filed Feb. 15, 1946. Serial No. 496,610.

GLOGAS

HEATS LIKE SUNSHINE

FOR BOTTLED PROPANE HEATING GAS.
Claims use since June 12, 1945.

441,008. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AGENCIA EXPORTADORA CHELIN, New York, N. Y. Filed June 1, 1946. Serial No. 503,149.

Chelin

FOR ASPIRIN PREPARATION.
Claims use since Mar. 5, 1946.

441,009. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) ALVIN S. LOEB, doing business as Glenroy, Ltd., Newark, N. J. Filed Aug. 5, 1946. Serial No. 506,878.

DUNN'S

FOR WHISKEY.
Claims use since May 2, 1946.

441,010. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) RUST-OLEUM CORPORATION, Evanston, Ill. Filed Dec. 13, 1946. Serial No. 514,243.

RUST-OLEUM

FOR READY-MIXED PAINT USED AS A RUST PREVENTATIVE.
Claims use since January 1932.

441,011. (CLASS 39. CLOTHING.) ROBERT NEEDLE, Boston, Mass. Filed Dec. 18, 1946. Serial No. 517,098.

Styled by Jane Chase of Boston

The drawing is lined for red.
FOR BATH ROBES, PAJAMAS, AND HOUSE COATS.
Claims use since June 1945.

441,012. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WOODARD LABORATORIES, INC., Los Angeles, Calif. Filed July 1, 1947. Serial No. 525,471.

WOODARD LABORATORIES

FOR CHEMICAL, PHARMACEUTICAL, AND BIOLOGICAL PREPARATIONS FOR USE IN THE TREATMENT OF AILMENTS AND FOR THE CORRECTION OF DIET AND OTHER DEFICIENCIES IN HUMAN BEINGS AND OTHERS, AND IN THE PRACTICE OF PREVENTIVE MEDICINE—NAMELY, VITAMIN COMPOUNDS, DIETARY SUPPLEMENTS, DIGESTIVE COMPOUNDS, LAXATIVES, ANEMIA COMPOUNDS, ANTI-HEMORRHAGIC COMPOUNDS, AND PREPARATIONS USED IN THE TREATMENT OF MEMBRANOUS INFLAMMATIONS AND SUPPURATIVE AND INFECTIVE PROCESSES.
Claims use since July 1, 1942.

ACT OF 1946, PRINCIPAL REGISTER

502,772. AUTOMATIC SPRINKLER APPARATUS FOR FIRE PROTECTION AND PARTS THEREOF—NAMELY, ADAPTERS, ALARM VALVES, ETC. GRINNELL CORPORATION, Providence, R. I., now by change of name from General Fire Extinguisher Company.
Filed February 2, 1948. Serial No. 466,694. PUBLISHED JULY 13, 1948. Class 13.

502,773. POWER FEED FOR A DRILL PRESS. THE BELLOWS COMPANY, Akron, Ohio.
Filed August 8, 1947. Serial No. 481,880. PUBLISHED JUNE 29, 1948. Class 23.

502,774. PNEUMATIC FEEDS FOR MACHINE TOOLS. THE BELLOWS COMPANY, Akron, Ohio.
Filed August 8, 1947. Serial No. 488,732. PUBLISHED JUNE 29, 1948. Class 23.

502,775. PREPARED FOODS—NAMELY, POTATO CHIPS, PRETZELS, FRENCH FRIED AND CHEESE FLAVORED POP CORN. MRS. KLEIN'S, Chicago, Ill.
Filed September 3, 1947. Serial No. 488,857. PUBLISHED JULY 20, 1948. Class 46.

502,776. CLEAR BOILED SUGAR PEPPERMINT SWEETMEATS. DIAMINTS LIMITED, London, England.
Filed July 29, 1947. Serial No. 489,659. PUBLISHED JULY 20, 1948. Class 46.

502,777. TROUSER SUPPORTING BELTS AND APPAREL BELT-AND-BUCKLE COMBINATIONS. PIONEER SUSPENDER COMPANY, Philadelphia, Pa.
Filed August 8, 1947. Serial No. 491,282. PUBLISHED JULY 13, 1948. Class 39.

502,778. HATS AND CAPS FOR MEN AND BOYS, EAR MUFFS, AND GLOVES AND MITTENS, MADE OF LEATHER, RUBBER, AND FABRIC, AND COMBINATIONS THEREOF. PORTIS STYLE INDUSTRIES, INC., Chicago, Ill., by change of name from Portis Bros. Hat Co.
Filed September 2, 1947. Serial No. 494,232. PUBLISHED JUNE 29, 1948. Class 39.

502,779. AIR CYLINDERS FOR MECHANICAL POWER OPERATION. THE BELLOWS COMPANY, Akron, Ohio.
Filed August 8, 1947. Serial No. 495,443. PUBLISHED JUNE 29, 1948. Class 23.

502,780. VARIOUSLY MOTIVATED POWER DRIVEN ENGRAVING MACHINES, PROFILE GRINDING AND CUTTING MACHINES, MACHINES FOR GRINDING GLASS AND SIMILAR SUBSTANCES, ETC. TAYLOR, TAYLOR & HOBSON LIMITED, Leicester, England.
Filed August 25, 1947. Serial No. 499,024. PUBLISHED JUNE 29, 1948. Class 23.

502,781. CANDY. HODGES CANDY COMPANY, INC., assignee of Hodges Candy Company, Milledgeville, Ga.
Filed August 13, 1947. Serial No. 500,659. PUBLISHED JULY 13, 1948. Class 46.

502,782. MALT TO BE USED IN THE MAKING OF BEER. FIRST CARAMEL MALTING CORPORATION, Paterson, N. J.
Filed September 11, 1947. Serial No. 505,046. PUBLISHED JUNE 15, 1948. Class 48.

502,783. POLISHES AND WAX FOR FURNITURE, FLOORS, AUTOMOBILES, AND THE LIKE. MORTON MANUFACTURING CORPORATION, also doing business as Blair of Virginia, Lynchburg, Va.
Filed August 19, 1947. Serial No. 506,186. PUBLISHED JUNE 29, 1948. Class 16.

502,784. NON-ALCOHOLIC MALTLESS CARBONATED BEVERAGES—NAMELY, COLA, GINGER-ALE, ROOT BEER, SODA, AND FRUIT-FLAVORED SOFT DRINKS. SPARKLETTS DRINKING WATER CORPORATION, Los Angeles, Calif.
Filed October 30, 1947. Serial No. 506,395. PUBLISHED JUNE 15, 1948. Class 45.

502,785. TONG SPRINGS, TONG DIES AND TONG PINS. WEB WILSON OIL TOOLS, INC., assignee of Web Wilson Oil Tools Company, Huntington Park, Calif.
Filed July 5, 1947. Serial No. 506,563. PUBLISHED JULY 13, 1948. Class 23.

502,786. AUTOMOBILE ACCESSORIES — NAMELY, WHEEL WEDGES. R. W. KERR CO., Hastings, Nebr., assignor to R. W. Kerr Plastic Co., Hastings, Nebr., a corporation of Nebraska.
Filed July 5, 1947. Serial No. 508,292. PUBLISHED JULY 13, 1948. Class 23.

502,787. SHOES CONSTRUCTED OF COMBINATIONS OF LEATHER, RUBBER, AND FABRIC. CONSOLIDATED RETAIL STORES, INC., St. Louis, Mo.
Filed July 5, 1947. Serial No. 508,719. PUBLISHED DECEMBER 30, 1947. Class 39.

502,788. POMEGRANATE SYRUP, HOT BUTTERED RUM BATTER, SALAD DRESSINGS, SOYA SAUCE AND VEGETABLE PROTEIN FLAVORING FOR FOOD PURPOSES. VICTOR J. BERGERON, doing business as Trader Vic, Oakland, Calif.
Filed July 26, 1947. Serial No. 509,390. PUBLISHED JULY 13, 1948. Class 46.

502,789. MINERAL SUPPLEMENT FOR LIVESTOCK AND POULTRY FEED. ROBEN PRODUCTS, INC., doing business as The Min-A-Gro Company, Des Moines, Iowa.
Filed October 21, 1947. Serial No. 510,111. PUBLISHED JULY 13, 1948. Class 46.

502,790. WOMEN'S SHOES. THE SCHIFF COMPANY, Columbus, Ohio, now by change of name Shoe Corporation of America, a corporation of Ohio.
Filed October 29, 1947. Serial No. 510,281. PUBLISHED JUNE 22, 1948. Class 39.

502,791. NON-ALCOHOLIC NON-CEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SYRUPS OR FLAVORS FOR MAKING THE SAME. CLYDE L. BRIDGES, doing business as Clyde L. Bridges Co., Dallas, Tex.
Filed August 21, 1947. Serial No. 511,594. PUBLISHED JULY 13, 1948. Class 45.

502,792. CANDY. MARS, INCORPORATED, Chicago, Ill.
Filed August 5, 1947. Serial No. 512,070. PUBLISHED JULY 13, 1948. Class 46.

502,793. FROSTED FISH CAT FOOD. WM. T. CROWTHER & SON, INC., Boston, Mass. assignor to Massachusetts Canning Corporation, Boston, Mass., a corporation of Massachusetts.
Filed August 29, 1947. Serial No. 515,221. PUBLISHED JULY 20, 1948. Class 46.

502,794. CANNED VEGETABLES, CANNED FRUITS, CANNED SOUPS, CANNED PINEAPPLE JUICE, ETC. CHITTY & CO., Jacksonville, Fla.
Filed November 12, 1947. Serial No. 515,412. PUBLISHED JULY 13, 1948. Class 46.

502,795. SHOES MADE OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. CRADDOCK-TERRY SHOE CORPORATION, Lynchburg, Va.
Filed October 8, 1947. Serial No. 516,673. PUBLISHED JUNE 29, 1948. Class 39.

502,796. AUTOMOBILE FRAME AND AXLE STRAIGHTENING AND WHEEL ALIGNING MACHINES AND PARTS THEREFOR. BUILDERS ORNAMENTAL IRON COMPANY, Chicago, Ill.
Filed August 7, 1947. Serial No. 517,236. PUBLISHED JUNE 29, 1948. Class 23.

502,797. CIGARS. CONSOLIDATED CIGAR CORPORATION, New York, N. Y.
Filed November 15, 1947. Serial No. 519,569. PUBLISHED JULY 20, 1948. Class 17.

502,798. MISSES' AND LADIES' SUITS, DRESSES, SKIRTS, JACKETS, AND BLOUSES. BELLMORE DRESS CO., INC., New York, N. Y.
Filed October 8, 1947. Serial No. 519,620. PUBLISHED JULY 13, 1948. Class 39.

502,799. LIQUID COATING PREPARATION WITH A BITUMINOUS BASE APPLICABLE TO THE EXPOSED SURFACES OF BUILDING STRUCTURES FOR ENHANCING THEIR RESISTANCE TO WATER AND PRESERVATION AGAINST DETERIORATION. KEDMONT MANUFACTURING & WATERPROOFING CO., Chicago, Ill.
Filed October 2, 1947. Serial No. 522,029. PUBLISHED JUNE 29, 1948. Class 16.

502,800. AUTOMOBILE FRAME AND AXLE STRAIGHTENING AND WHEEL ALIGNING MACHINES AND PARTS THEREFOR. BUILDERS ORNAMENTAL IRON COMPANY, Chicago, Ill.
Filed August 7, 1947. Serial No. 522,265. PUBLISHED JUNE 29, 1948. Class 23.

502,801. CANNED APPLES. ORRTANNA CANNING COMPANY, Orrtanna, Pa.
Filed November 12, 1947. Serial No. 522,846. PUBLISHED JULY 13, 1948. Class 46.

502,802. LINGERIE—NAMELY, PANTIES, SLIPS, NIGHTGOWNS AND UNDERWEAR; WORK CLOTHES—NAMELY, PANTS, COATS, VESTS, GLOVES, HATS AND CAPS, ETC. KENOSHA FULL FASHIONED MILLS, INC., Kenosha, Wis.
Filed July 5, 1947. Serial No. 522,987. PUBLISHED JULY 6, 1948. Class 39.

502,803. FLOW CONTROL VALVES, PRESSURE REDUCING VALVES, PRESSURE RELIEF VALVES, DUAL UNIT VALVES CONSISTING OF PRESSURE REDUCING AND PRESSURE RELIEF VALVES, WATER MIXING VALVES, AND PIPE FITTINGS FOR HOT WATER HEATING SYSTEMS. BELL & GOSSETT COMPANY, Morton Grove, Ill.
Filed August 15, 1947. Serial No. 523,349. PUBLISHED JULY 13, 1948. Class 13.

502,804. PAPER BAGS. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 523,562. PUBLISHED JULY 13, 1948. Class 2.

502,805. FOUNTAIN PENS. THE CONKLIN PEN COMPANY, INC., Chicago, Ill.
Filed July 5, 1947. Serial No. 523,568. PUBLISHED JUNE 15, 1948. Class 37.

502,806. CUCUMBER PICKLES. BRICE-WALDROP PICKLE COMPANY, Denison, Tex.
Filed December 11, 1947. Serial No. 523,820. PUBLISHED JULY 13, 1948. Class 46.

502,807. CUCUMBER PICKLES. BRICE-WALDROP PICKLE COMPANY, Denison, Tex.
Filed December 11, 1947. Serial No. 526,194. PUBLISHED JULY 13, 1948. Class 46.

502,808. MALE HEADWEAR IN THE FORM OF TIGHTLY FITTING SKULL CAPS DESIGNED TO REMOVE OR MINIMIZE WAVES, CURLS OR KINKS IN THE HAIR AND TO TRAIN THE HAIR, ETC. HENRY HARRY GREENE, doing business as Yankee Nite Cap, New York, N. Y.
Filed July 5, 1947. Serial No. 526,506. PUBLISHED JUNE 22, 1948. Class 39.

502,809. SALAD DRESSING, FRENCH DRESSING, SAVORY FRENCH DRESSING, SANDWICH SPREAD, THOUSAND ISLAND DRESSING AND NOODLES. JANE B. SMITH & COMPANY, INC., Chicago, Ill.
Filed July 5, 1947. Serial No. 526,511. PUBLISHED JULY 20, 1948. Class 46.

502,810. HOSIERY. HUDSON HOSIERY COMPANY, Charlotte, N. C.
Filed July 5, 1947. Serial No. 526,710. PUBLISHED JUNE 29, 1948. Class 39.

502,811. HOSIERY. HUDSON HOSIERY COMPANY, Charlotte, N. C.
Filed July 5, 1947. Serial No. 526,720. PUBLISHED JUNE 15, 1948. Class 39.

502,812. MEN'S AND BOYS' SUITS, COATS, TROUSERS, OUTER SHIRTS, SLACKS, LOUNGING, BEACH AND BATH ROBES; HATS AND CAPS, ETC. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y.
Filed July 5, 1947. Serial No. 526,948. PUBLISHED JUNE 15, 1948. Class 39.

502,813. AUTOMOTIVE FINISH PAINTS, PAINT THINNERS, PRIMERS AND SURFACERS, BRONZE POWDERS, LACQUER THINNERS, LACQUER RETARDERS, SPOT PUTTY METALLIC PRIMER, LACQUERS ADAPTED FOR APPLICATION BY BRUSHES, AND COLORED LACQUERS. R. N. NASON & CO., San Francisco, Calif.
Filed July 5, 1947. Serial No. 527,071. PUBLISHED JUNE 29, 1948. Class 16.

502,814. PORCH AND DECK PAINTS SOLD IN LIQUID FORM. R. N. NASON & CO., San Francisco, Calif.
Filed July 5, 1947. Serial No. 527,075. PUBLISHED JUNE 29, 1948. Class 16.

502,815. LINGERIE—NAMELY, WOMEN'S AND CHILDREN'S UNDERGARMENTS AND GOWNS INCLUDING PANTIES, STEP-INS, ETC. PHIL-MAID, INC., Chicago, Ill.
Filed July 5, 1947. Serial No. 527,099. PUBLISHED JUNE 29, 1948. Class 39.

502,816. GOLDEN GINGER ALE AND PALE DRY GINGER ALE. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,334. PUBLISHED JULY 13, 1948. Class 45.

502,817. GRAIN CLEANING, SCALPING, AND SEPARATING MACHINERY, GRADERS, AND STACKERS. SUPERIOR SEPARATOR COMPANY, Hopkins, Minn.
Filed July 5, 1947. Serial No. 527,365. PUBLISHED JULY 13, 1948. Class 23.

502,818. CANNED SALMON. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,368. PUBLISHED JULY 13, 1948. Class 46.

502,819. METAL WORKING MACHINERY—NAMELY, JOURNAL TRUING LATHES, CAR AXLE END DRIVE BURNISHING LATHES, END DRIVE AXLE LATHES, CENTER DRIVE AXLE LATHES, AND HEAVY DUTY GEARED HEAD LATHES. CONSOLIDATED MACHINE TOOL CORPORATION, Rochester, N. Y.
Filed July 5, 1947. Serial No. 527,449. PUBLISHED JULY 6, 1948. Class 23.

502,820. BEER. KIEWEL BREWING COMPANY, Little Falls, Minn.
Filed July 5, 1947. Serial No. 527,456. PUBLISHED JUNE 29, 1948. Class 48.

502,821. FRESH EGGS. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,470. PUBLISHED JULY 20, 1948. Class 46.

502,822. CANNED SALMON. NAKAT PACKING CORPORATION, New York, N. Y.
Filed July 5, 1947. Serial No. 527,598. PUBLISHED MARCH 9, 1948. Class 46.

502,823. READY-MIXED BAKING ENAMEL. TALON, INC., Meadville, Pa.
Filed July 5, 1947. Serial No. 527,922. PUBLISHED JULY 6, 1948. Class 16.

502,824. STOCK FEED—NAMELY, FEED FOR CATTLE, ETC. ALLIED MILLS, INC., Chicago, Ill.
Filed July 9, 1947. Serial No. 528,166. PUBLISHED JULY 6, 1948. Class 46.

502,825. BEER. BEVERWYCK BREWERIES, INC., Albany, N. Y.
Filed July 10, 1947. Serial No. 528,248. PUBLISHED JUNE 15, 1948. Class 48.

502,826. BEER, ALE, BOCK BEER, AND PORTER. C. SCHMIDT AND SONS, INCORPORATED, Philadelphia, Pa.
Filed July 10, 1947. Serial No. 528,316. PUBLISHED JULY 6, 1948. Class 48.

502,827. HAIR NETS. ADOLPH KLAR, New York, N. Y.
Filed July 12, 1947. Serial No. 528,490. PUBLISHED JULY 6, 1948. Class 39.

502,828. HAIR NETS. ADOLPH KLAR, New York, N. Y.
Filed July 12, 1947. Serial No. 528,491. PUBLISHED JULY 13, 1948. Class 39.

502,829. HAIR NETS. ADOLPH KLAR, New York, N. Y.
Filed July 12, 1947. Serial No. 528,492. PUBLISHED JULY 13, 1948. Class 39.

502,830. BOTTLED CHERRIES. JOSEPH E. RAHAL, doing business as Ohio Fruit Products Co., Cleveland, Ohio.
Filed July 14, 1947. Serial No. 528,585. PUBLISHED JULY 20, 1948. Class 46.

502,831. WELL DRILLERS. EDWARD S. RUSSELL, doing business as Consolidated Industries, Wallingford, Conn.
Filed July 15, 1947. Serial No. 528,646. PUBLISHED JUNE 29, 1948. Class 23.

502,832. HORIZONTAL DOUGH MIXERS FOR PIE, ETC. THE TRIUMPH MANUFACTURING CO., Cincinnati, Ohio.
Filed July 16, 1947. Serial No. 528,749. PUBLISHED JULY 6, 1948. Class 23.

502,833. PACKAGED, PRECOOKED, PROCESSED CEREAL—NAMELY, RICE. M. YONAN-MALEK, Chicago, Ill., assignor to General American Transportation Corporation, a corporation of New York.
Filed July 16, 1947. Serial No. 528,750. PUBLISHED JULY 20, 1948. Class 46.

502,834. OUTBOARD MOTORS. CHAMPION MOTORS COMPANY, Minneapolis, Minn.
Filed July 17, 1947. Serial No. 528,768. PUBLISHED JUNE 29, 1948. Class 23.

502,835. CAN OPENERS. THE REGINA CORPORATION, Rahway, N. J.
Filed July 17, 1947. Serial No. 528,819. PUBLISHED JULY 6, 1948. Class 23.

502,836. ACCORDIONS. TONY SPRANZO, doing business as American Accordion Center, Chicago, Ill.
Filed July 18, 1947. Serial No. 528,889. PUBLISHED JULY 13, 1948. Class 36.

502,837. ACCORDIONS. TONY SPRANZO, doing business as American Accordion Center, Chicago, Ill.
Filed July 18, 1947. Serial No. 528,890. PUBLISHED JULY 13, 1948. Class 36.

502,838. HOSIERY FOR MEN, WOMEN, AND CHILDREN. SCHUYLKILL VALLEY MILLS, INC., Spring City, Pa.
Filed July 19, 1947. Serial No. 528,956. PUBLISHED JUNE 29, 1948. Class 39.

502,839. BALL BEARINGS, ROLLER BEARINGS, PARTS THEREOF AND MOUNTING ACCESSORIES THERETO, BEARING RINGS FOR SHEET ROLLING MILLS, HOUSINGS, ETC. S K F INDUSTRIES, INC., Philadelphia, Pa., and elsewhere.
Filed July 21, 1947. Serial No. 529,098. PUBLISHED JULY 13, 1948. Class 23.

502,840. BALL BEARINGS, ROLLER BEARINGS, PARTS THEREOF AND MOUNTING ACCESSORIES THERETO, ETC. S K F INDUSTRIES, INC., Philadelphia, Pa.
Filed July 21, 1947. Serial No. 529,102. PUBLISHED JULY 13, 1948. Class 23.

502,841. PAJAMAS, DRESS AND NEGLIGEE SHIRTS, AND NIGHT-SHIRTS. KNOTHE BROTHERS CO. INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,175. PUBLISHED JUNE 1, 1948. Class 39.

502,842. SCREWS, DRIVE SCREWS, DRIVE PINS, SET SCREWS, NAILS, SCREWNAILS, RIVETS, STUDS, WING-NUTS, CAP-NUTS, EXPANSION BOLTS, AND EXPANSION SLEEVES. PARKER-KALON CORPORATION, New York, N. Y.
Filed July 22, 1947. Serial No. 529,196. PUBLISHED JULY 13, 1948. Class 13.

502,843. POWER CRANES, POWER SHOVELS, AND POWER DRAGLINE MACHINES. THE THEW SHOVEL COMPANY, Lorain, Ohio.
Filed July 22, 1947. Serial No. 529,213. PUBLISHED JUNE 29, 1948. Class 23.

502,844. POCKET KNIVES, HUNTING KNIVES, BREAD KNIVES, BUTCHER KNIVES, PARING KNIVES, MACHETES, AND SCISSORS, ALL HAVING BLADES OF BASE METAL. CAMILLUS CUTLERY COMPANY, New York, N. Y.
Filed July 23, 1947. Serial No. 529,229. PUBLISHED JUNE 29, 1948. Class 23.

502,845. PRESS METAL MACHINERY, COMPRISING MECHANICAL AND HYDRAULIC PUNCH PRESSES; PRESS BRAKES; HOLE PUNCHING AND METAL SHEARING MACHINES; METAL DRAWING, BENDING AND SHEARING DIES; DIE CUSHIONS; AND PARTS THEREOF. VERSON ALL-STEEL PRESS COMPANY, Chicago, Ill.
Filed July 23, 1947. Serial No. 529,323. PUBLISHED JUNE 29, 1948. Class 23.

502,846. NECKTIES. WEMBLEY, INC., New Orleans, La.
Filed July 23, 1947. Serial No. 529,324. PUBLISHED JUNE 29, 1948. Class 39.

502,847. NECKTIES. WEMBLEY, INC., New Orleans, La.
Filed July 23, 1947. Serial No. 529,325. PUBLISHED JUNE 29, 1948. Class 39.

502,848. NECKTIES. WEMBLEY, INC., New Orleans, La.
Filed July 23, 1947. Serial No. 529,326. PUBLISHED JUNE 29, 1948. Class 39.

502,849. NOZZLES FOR FIRE HOSE. THE WOOSTER BRASS COMPANY, Wooster, Ohio.
Filed July 25, 1947. Serial No. 529,518. PUBLISHED JULY 13, 1948. Class 13.

502,850. BEER. AZTEC BREWING COMPANY, San Diego, Calif.
Filed July 28, 1947. Serial No. 529,740. PUBLISHED JULY 6, 1948. Class 48.

502,851. CIGARS, CHEROOTS, CIGARETTES, SMOKING AND CHEWING TOBACCO. D. EMIL KLEIN CO., INC., New York, N. Y.
Filed July 28, 1947. Serial No. 529,778. PUBLISHED JULY 13, 1948. Class 17.

502,852. MEN'S, WOMEN'S AND CHILDREN'S PAJAMAS, SHORTS, ROBES, BELTS FOR OUTERWEAR, SUSPENDERS, GARTERS, AND UNDER SHIRTS. KNOTHE BROTHERS CO. INC., New York, N. Y.
Filed July 30, 1947. Serial No. 530,007. PUBLISHED JUNE 1, 1948. Class 39.

502,853. BEER. GIPPS BREWING CORPORATION, Peoria, Ill.
Filed August 1, 1947. Serial No. 530,189. PUBLISHED JUNE 15, 1948. Class 48.

502,854. LADIES' DRESSES. WARSHAUER & FRANCK, INC., Boston, Mass.
Filed August 1, 1947. Serial No. 530,270. PUBLISHED JUNE 15, 1948. Class 39.

502,855. WOMEN'S AND MISSES' DRESSES. WARSHAUER & FRANCK, INC., Boston, Mass.
Filed August 1, 1947. Serial No. 530,271. PUBLISHED JUNE 15, 1948. Class 39.

502,856. LADIES' DRESSES. WARSHAUER & FRANCK, INC., Boston, Mass.
Filed August 1, 1947. Serial No. 530,272. PUBLISHED JUNE 15, 1948. Class 39.

502,857. WOMEN'S AND MISSES' DRESSES. WARSHAUER & FRANCK, INC., Boston, Mass.
Filed August 1, 1947. Serial No. 530,273. PUBLISHED JUNE 15, 1948. Class 39.

502,858. FIRE RETARDANT PAINT. THE REARDON COMPANY, St. Louis, Mo.
Filed August 4, 1947. Serial No. 530,430. PUBLISHED JULY 6, 1948. Class 16.

502,859. WHISKEY. GLENMORE DISTILLERIES COMPANY, Louisville, Ky.
Filed August 5, 1947. Serial No. 530,495. PUBLISHED JUNE 29, 1948. Class 49.

502,860. WINES. INGLENOOK VINEYARD CO., Rutherford, Calif.
Filed August 5, 1947. Serial No. 530,510. PUBLISHED JUNE 15, 1948. Class 47.

502,861. ROBES, NEGLIGEES, LOUNGING PAJAMAS, SMOCKS, HOUSECOATS, DRESSES, AND BED JACKETS FOR WOMEN, MISSES, AND CHILDREN. THE "LINDA" COMPANY, Los Angeles, Calif.
Filed August 5, 1947. Serial No. 530,532. PUBLISHED MARCH 23, 1948. Class 39.

502,862. WOMEN'S HOSIERY. MCCRARY HOSIERY MILLS, INC., Asheboro, N. C.
Filed August 5, 1947. Serial No. 530,537. PUBLISHED JUNE 22, 1948. Class 39.

502,863. CHEWING GUM. THE SHELBY GUM CO., Shelby, Ohio.
Filed August 5, 1947. Serial No. 530,577. PUBLISHED JULY 20, 1948. Class 46.

502,864. ALL-PURPOSE FEED COMPOUND, CONTAINING MINERALS TO PROVIDE A COMPLETE DIET FOR LIVE STOCK AND POULTRY. THE CUDAHY PACKING COMPANY, Chicago, Ill.
Filed August 6, 1947. Serial No. 530,621. PUBLISHED JULY 20, 1948. Class 46.

502,865. MEN'S CLOTHES—NAMELY, SUITS, TOP COATS, OVERCOATS, SPORT COATS, SLACKS, AND TUXEDOS. FENTON HALL CLOTHES, INC., New York, N. Y.
Filed August 6, 1947. Serial No. 530,636. PUBLISHED JUNE 29, 1948. Class 39.

502,866. WOMEN'S AND MISSES' DRESSES, COATS, JACKETS, SKIRTS AND BLOUSES. STAR-MAID DRESSES, INC., New York, N. Y.
Filed July 24, 1947. Serial No. 530,698. PUBLISHED JULY 6, 1948. Class 39.

502,867. C-CLAMPS. THE CINCINNATI TOOL COMPANY, Norwood, Ohio.
Filed August 7, 1947. Serial No. 530,720. PUBLISHED JULY 13, 1948. Class 23.

502,868. WOMEN'S AND MISSES' DRESSES. CONSTANTINE DRESS COMPANY, Boston, Mass.
Filed Aug. 7, 1947. Serial No. 530,721. PUBLISHED June 15, 1948. Class 39.

502,869. CANNED SALMON. MONITOR FISHERIES, INC, doing business as McGovern & McGovern, Seattle, Wash.
Filed August 7, 1947. Serial No. 530,755. PUBLISHED JULY 20, 1948. Class 46.

502,870. CANNED FISH—NAMELY, SALMON. MONITOR FISHERIES, INC., doing business as McGovern & McGovern, Seattle, Wash.
Filed August 7, 1947. Serial No. 530,756. PUBLISHED JULY 20, 1948. Class 46.

502,871. FRESH VEGETABLES. STANLEY FRUIT COMPANY, Phoenix, Ariz.
Filed August 11, 1947. Serial No. 531,049. PUBLISHED JULY 13, 1948. Class 46.

502,872. CHEWING GUM. WALLA-WALLA GUM COMPANY, Knoxville, Tenn.
Filed August 12, 1947. Serial No. 531,166. PUBLISHED JULY 13, 1948. Class 46.

502,873. CANNED VEGETABLES—NAMELY, PEAS AND CORN. BIG HORN CANNING COMPANY, Cowley, Wyo.
Filed August 13, 1947. Serial No. 531,192. PUBLISHED JULY 13, 1948. Class 46.

502,874. MEN'S FUR FELT HATS. MACLACHLAN HATS LIMITED, INC., South Norwalk, Conn.
Filed August 13, 1947. Serial No. 531,229. PUBLISHED JULY 6, 1948. Class 39.

502,875. RADIO RECEIVER-ELECTRIC ALARM CLOCK COMBINATIONS. TELECHRON INC., Ashland, Mass.
Filed August 13, 1947. Serial No. 531,256. PUBLISHED JUNE 8, 1948. Class 21.

502,876. HOSIERY. WAYNE KNITTING MILLS, Fort Wayne, Ind.
Filed August 13, 1947. Serial No. 531,265. PUBLISHED JULY 6, 1948. Class 39.

502,877. COFFEE. MELLO JOY COFFEE COMPANY, Lafayette, La.
Filed August 14, 1947. Serial No. 531,350. PUBLISHED JULY 20, 1948. Class 46.

502,878. PIPE FITTINGS AND PIPE COUPLINGS. THE BROCKWAY COMPANY, Naugatuck, Conn.
Filed August 15, 1947. Serial No. 531,437. PUBLISHED JULY 6, 1948. Class 13.

502,879. ELECTRICAL INCUBATORS FOR EGGS. PETERSIME INCUBATOR COMPANY, Gettysburg, Ohio.
Filed August 15, 1947. Serial No. 531,512. PUBLISHED JULY 20, 1948. Class 50.

502,880. MEN'S, WOMEN'S, AND CHILDREN'S JERSEYS, HEAVY OUTER SHIRTS FOR SPORTSWEAR AND ATHLETIC TRAINING, VESTS WITH AND WITHOUT SLEEVES, JACKETS, MACKINAWS, UNDERSHIRTS AND OUTERSHIRTS, SWEATERS, AND WAISTCOATS. WRIGHT'S UNDERWEAR CORPORATION, New York, N. Y.
Filed August 15, 1947. Serial No. 531,564. PUBLISHED JULY 13, 1948. Class 39.

502,881. MEN'S, WOMEN'S AND CHILDREN'S ATHLETIC UNDERWEAR, UNDERSHIRTS, AND SHORTS. WRIGHT'S UNDERWEAR CORPORATION, New York, N. Y.
Filed August 15, 1947. Serial No. 531,565. PUBLISHED JULY 13, 1948. Class 39.

502,882. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED UNDERWEAR. WRIGHT'S UNDERWEAR CORPORATION, New York, N. Y.
Filed August 15, 1947. Serial No. 531,566. PUBLISHED JULY 13, 1948. Class 39.

502,883. MEN'S, WOMEN'S AND CHILDREN'S UNDERWEAR, PAJAMAS, SLEEPING GARMENTS, ETC. WRIGHT'S UNDERWEAR CORPORATION, New York, N. Y.
Filed August 15, 1947. Serial No. 531,567. PUBLISHED JULY 13, 1948. Class 39.

502,884. MEN'S, BOYS', WOMEN'S AND CHILDREN'S HOSIERY, UNDERWEAR, SWEATERS, AND SPORTSWEAR—NAMELY, JACKETS, SPORT SHIRTS, POLO SHIRTS, T SHIRTS, BATHING SUITS, AND MITTENTS. SAMUEL FINK, Utica, N. Y.
Filed August 16, 1947. Serial No. 531,621. PUBLISHED FEBRUARY 24, 1948. Class 39.

502,885. VERMOUTH AND MARSALA WINES. VERMOUTH INDUSTRIES OF AMERICA INC., New York, N. Y.
Filed August 18, 1947. Serial No. 531,742. PUBLISHED JUNE 15, 1948. Class 47.

502,886. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED UNDERWEAR. WRIGHT'S UNDERWEAR CORPORATION, New York, N. Y.
Filed August 18, 1947. Serial No. 531,746. PUBLISHED JUNE 29, 1948. Class 39.

502,887. NONALCOHOLIC, MALTLESS, CONCENTRATED SYRUPS USED IN THE PREPARATION OF SOFT DRINKS. H. BARON & CO. INC., Linden, N. J.
Filed August 19, 1947. Serial No. 531,762. PUBLISHED JUNE 15, 1948. Class 45.

502,888. VARNISH. PATEK BROTHERS, INC., Milwaukee, Wis.
Filed August 19, 1947. Serial No. 531,830. PUBLISHED JUNE 29, 1948. Class 16.

502,889. BEER. THE F. & M. SCHAEFER BREWING CO., Brooklyn, N. Y.
Filed August 19, 1947. Serial No. 531,848. PUBLISHED JUNE 22, 1948. Class 48.

502,890. SHOE SOLES OF LEATHER. CHAS. A. SCHIEREN COMPANY, New York, N. Y.
Filed August 19, 1947. Serial No. 531,851. PUBLISHED JUNE 22, 1948. Class 39.

502,891. CONTINUOUS WRITING STRIPS INTERLEAVED WITH CARBON STRIPS AND WRITING SHEETS WITH INTERLEAVED CARBON SHEETS FOR USE IN MANIFOLDING REGISTERS, IN TYPEWRITERS, AND IN OTHER MACHINES. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J.
Filed August 22, 1947. Serial No. 532,100. PUBLISHED JUNE 15, 1948. Class 37.

502,892. CONTINUOUS WRITING STRIPS INTERLEAVED WITH CARBON STRIPS FOR USE IN MANIFOLDING REGISTERS, IN TYPEWRITERS, AND IN OTHER MACHINES. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J.
Filed August 22, 1947. Serial No. 532,101. PUBLISHED JUNE 15, 1948. Class 37.

502,893. CONTINUOUS WRITING STRIPS INTERLEAVED WITH CARBON STRIPS FOR USE IN MANIFOLDING REGISTERS IN TYPEWRITERS AND IN OTHER MACHINES. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J.
Filed August 22, 1947. Serial No. 532,106. PUBLISHED JUNE 15, 1948. Class 37.

502,894. WINES. BEAULIEU VINEYARD, San Francisco, Calif.
Filed August 22, 1947. Serial No. 532,111. PUBLISHED JUNE 22, 1948. Class 47.

502,895. WINES. BEAULIEU VINEYARD, San Francisco, Calif.
Filed August 22, 1947. Serial No. 532,112. PUBLISHED JUNE 22, 1948. Class 47.

502,896. NECKTIES. WILSON BROTHERS, Chicago, Ill.
Filed August 22, 1947. Serial No. 532,185. PUBLISHED JUNE 29, 1948. Class 39.

502,897. CANNED OLIVES. C. M. GIFFORD & SONS, San Diego, Calif.
Filed August 23, 1947. Serial No. 532,218. PUBLISHED JULY 20, 1948. Class 46.

502,898. WOMEN'S, JUNIOR MISSES', AND MISSES' DRESSES. MARCY LEE MANUFACTURING COMPANY, Dallas, Tex.
Filed August 25, 1947. Serial No. 532,314. PUBLISHED JUNE 22, 1948. Class 39.

502,899. CHILDREN'S SHOES. I. SABEL, INC., Philadelphia, Pa.
Filed August 25, 1947. Serial No. 532,343. PUBLISHED JUNE 22, 1948. Class 39.

502,900. BEER, PORTER, AND ALE. LOUIS F. NEUWEILER'S SONS, Allentown, Pa.
Filed August 26, 1947. Serial No. 532,480. PUBLISHED JUNE 15, 1948. Class 48.

502,901. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED WOOLEN SWEATERS, CARDIGANS, AND PULLOVERS. THE CASHMERE CORPORATION OF AMERICA, Cleveland, Ohio.
Filed August 27, 1947. Serial No. 532,559. PUBLISHED JUNE 15, 1948. Class 39.

502,902. BURIAL VAULTS. WILBERT W. HAASE CO., Forest Park, Ill.
Filed August 28, 1947. Serial No. 532,700. PUBLISHED JULY 18, 1948. Class 2.

502,903. ROOT BEER, ROOT BEER SYRUP USED IN MAKING MALTLESS SOFT DRINKS, MALTLESS SOFT DRINKS, CONCENTRATED AND READY-TO-USE SYRUPS, FLAVORS, ETC. RICHARDSON CORPORATION, Rochester, N. Y.
Filed August 28, 1947. Serial No. 532,756. PUBLISHED JUNE 15, 1948. Class 45.

502,904. ROOT BEER, ROOT BEER SYRUP USED IN MAKING MALTLESS SOFT DRINKS, MALTLESS SOFT DRINKS CONCENTRATED AND READY-TO-USE SYRUPS, FLAVORS, ETC. RICHARDSON CORPORATION, Rochester, N. Y.
Filed August 28, 1947. Serial No. 532,758. PUBLISHED JUNE 15, 1948. Class 45.

502,905. HAIR NETS. THE THOMAS HOLMES MFG. CO., Philadelphia, Pa.
Filed August 29, 1947. Serial No. 532,887. PUBLISHED JUNE 29, 1948. Class 39.

502,906. CANNED PEAS. GUDE & COLE, CORP., Newark, N. J.
Filed September 2, 1947. Serial No. 533,018. PUBLISHED JULY 6, 1948. Class 46.

502,907. MEN'S AND WOMEN'S SHOES MADE OF LEATHER, RUBBER, FABRIC, PLASTIC, AND COMBINATIONS THEREOF. THE MORSE FIELDS CO., INC., New York, and Brooklyn, N. Y.
Filed September 3, 1947. Serial No. 533,155. PUBLISHED JULY 6, 1948. Class 39.

502,908. LADIES', MISSES', BOYS', AND GIRLS' SWEATERS AND POLO SHIRTS. CARL GUTMANN & CO., INC., New York, N. Y.
Filed September 3, 1947. Serial No. 533,162. PUBLISHED JUNE 15, 1948. Class 39.

502,909. MEN'S AND BOYS' SUITS, COATS, PANTS, TROUSERS AND VESTS. HASPEL BROTHERS, INC., New Orleans, La.
Filed September 3, 1947. Serial No. 533,163. PUBLISHED JULY 6, 1948. Class 39.

502,910. WOOD PENETRATING FLOOR SEALER. PHELAN-FAUST PAINT MFG. CO., St. Louis, Mo.
Filed September 4, 1947. Serial No. 533,367. PUBLISHED JULY 6, 1948. Class 16.

502,911. CREOSOTE EXTERIOR PAINT. PHELAN-FAUST PAINT MFG. CO., St. Louis, Mo.
Filed September 4, 1947. Serial No. 533,368. PUBLISHED JULY 6, 1948. Class 16.

502,912. HYDROGENATED VEGETABLE OIL SHORTENING AND SOY BEAN SALAD OIL. HARRY ROSENTHAL, doing business as Ro-Do Packing Co., New York, N. Y.
Filed September 4, 1947. Serial No. 533,396. PUBLISHED JULY 20, 1948. Class 46.

502,913. DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY, GIN, ROCK AND RYE, AND BRANDY. W. A. HALLER CORPORATION, Philadelphia, Pa.
Filed July 24, 1947. Serial No. 533,458. PUBLISHED JUNE 22, 1948. Class 49.

502,914. MEN'S AND YOUNG MEN'S OVERCOATS. GOLDSMITH CLOTHING COMPANY, St. Louis, Mo.
Filed July 26, 1947. Serial No. 533,461. PUBLISHED JULY 26, 1947. Class 39.

502,915. MEN'S, WOMEN'S AND CHILDREN'S HOSIERY. ISELIN-JEFFERSON COMPANY, INC., New York, N. Y.
Filed Sept. 5, 1947. Serial No. 533,582. PUBLISHED JULY 6, 1948. Class 39.

502,916. WOMEN'S AND MISSES' READY-TO-WEAR COATS. THE RAPAPORT COAT CORPORATION, Chicago, Ill.
Filed September 8, 1947. Serial No. 533,775. PUBLISHED JULY 6, 1948. Class 39.

502,917. HOSIERY, DRESSES, COATS, SUITS, SWEATERS, SKIRTS, WAISTS, UNDERWEAR, FOUNDATIONS, BATHING SUITS, FOR WOMEN AND GIRLS. RED ROBIN STORES, INC., New York, N. Y.
Filed September 10, 1947. Serial No. 534,052. PUBLISHED JUNE 22, 1948. Class 39.

502,918. HOSIERY. MAY-MCEWEN-KAISER COMPANY, Burlington, N. C., assignor to Burlington Mills Corporation, Greensboro, N. C., a corporation of Delaware.
Filed September 12, 1947. Serial No. 534,302. PUBLISHED JULY 6, 1948. Class 39.

502,919. HOSIERY. JOSEPH FRIEDLAND, doing business as Ellwood Hosiery Mills, Mullica Township, Atlantic County, N. J.
Filed September 13, 1947. Serial No. 534,427. PUBLISHED JULY 6, 1948. Class 39.

502,920. LEATHER JACKETS, RIDING BREECHES, GLOVES, LEATHER RIDING BOOTS, BODY BELTS AND HELMETS. JOSEPH BURGELEISEN CO., Detroit, Mich.
Filed September 15, 1947. Serial No. 534,506. PUBLISHED JULY 6, 1948. Class 39.

502,921. BAKING POWDER. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y.
Filed September 17, 1947. Serial No. 534,774. PUBLISHED JULY 6, 1948. Class 46.

502,922. HOSIERY. UNITED HOSIERY MILLS CORPORATION, Chattanooga, Tenn.
Filed September 17, 1947. Serial No. 534,842. PUBLISHED JULY 6, 1948. Class 39.

502,923. INSULATED CONTAINERS FOR HOLDING BABY BOTTLES. BABY WORLD COMPANY, INC., New York, N. Y.
Filed September 18, 1947. Serial No. 534,866. PUBLISHED JULY 13, 1948. Class 2.

502,924. INFANTS' AND CHILDREN'S JACKETS, OVERALLS, AND SLACKS. COUNTRY TOGS, INC., New York, N. Y.
Filed September 19, 1947. Serial No. 535,003. PUBLISHED JUNE 29, 1948. Class 39.

502,925. LADIES' AND MISSES' WEARING APPAREL—NAMELY, STREET DRESSES AND SUITS OF SILK, WOOL, RAYON, COTTON AND COMBINATIONS THEREOF. PAUL SACHS ORIGINALS, INC., St. Louis, Mo.
Filed September 19, 1947. Serial No 535,081. PUBLISHED JUNE 22, 1948. Class 39.

502,926. FRESH CITRUS FRUITS. CORONA FOOTHILL LEMON COMPANY, Corona, Calif.
Filed September 26, 1947. Serial No. 535,818. PUBLISHED JULY 20, 1948. Class 46.

502,927. PAINTS IN PASTE OR SEMI-PASTE FORM. SEIDLITZ PAINT & VARNISH CO., Kansas City, Mo.
Filed September 29, 1947. Serial No. 536,156. PUBLISHED JULY 6, 1948. Class 16.

502,928. READY-MIXED PAINT, PAINT ENAMEL, AND VARNISHES. BOSTON VARNISH COMPANY, Everett, Mass.
Filed October 2, 1947. Serial No. 536,492. PUBLISHED JUNE 29, 1948. Class 16.

502,929. BRASSIÈRES. EMILY LEITHOLD, doing business as Custom Maid Brassiere Co., Philadelphia, Pa.
Filed October 3, 1947. Serial No. 536,591. PUBLISHED JULY 13, 1948. Class 39.

502,930. LADIES' AND JUNIOR MISSES' STREET, EVENING, HOUSE AND SPORT DRESSES, SKIRTS FOR OUTER WEAR, BLOUSES, JACKETS, AND SUITS. KAY FERER, INC., St. Louis, Mo.
Filed October 3, 1947. Serial No. 536,596. PUBLISHED JUNE 22, 1948. Class 39.

502,931. LADIES' AND JUNIOR MISSES' STREET, EVENING, HOUSE AND SPORT DRESSES, SKIRTS FOR OUTER WEAR, BLOUSES, JACKETS, AND SUITS. KAY FERER, INC., St. Louis, Mo.
Filed October 3, 1947. Serial No. 536,597. PUBLISHED JUNE 22, 1948. Class 39.

502,932. FROZEN MIXTURE, MADE OF WHOLE EGGS, EGG YOLKS, SUGAR AND SALT USED BY COMMERCIAL BAKERS FOR BAKING CAKE. MANHATTAN EGG CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 537,061. PUBLISHED JULY 13, 1948. Class 46.

502,933. SMOKERS' PIPES, FILTERS FOR PIPES AND CIGAR AND CIGARETTE HOLDERS MADE OF WOOD, PLASTIC AND NON-PRECIOUS METALS. L. & H. STERN, INC., Brooklyn, N. Y.
Filed October 7, 1947. Serial No. 537,092. PUBLISHED JULY 13, 1948. Class 8.

502,934. CASE MADE FROM FABRIC AND PROVIDED WITH PARTITIONS FORMING POCKETS FOR RECEIVING CLEANSING TISSUES, LIPSTICK AND OTHER COSMETIC ARTICLES. ANGELA VARONA, INC., New York, N. Y.
Filed October 10, 1947. Serial No. 537,519. PUBLISHED JULY 13, 1948. Class 2.

502,935. CLOTHESPINS. VERMONT PLASTICS, INC., Montpelier, Vt.
Filed October 10, 1947. Serial No. 537,520. PUBLISHED JULY 6, 1948. Class 24.

502,936. METAL CASES, BOXES AND DISPLAY TRAYS. FARRINGTON MANUFACTURING COMPANY, Boston, Mass.
Filed October 18, 1947. Serial No. 538,262. PUBLISHED JULY 13, 1948. Class 2.

502,937. HOUSECOATS. JULIUS DRITTEL, doing business as Julius Drittel Co., Elizabeth, N. J.
Filed October 23, 1947. Serial No. 538,732. PUBLISHED JULY 6, 1948. Class 39.

502,938. TOBACCO AND TOBACCO PRODUCTS—NAMELY, SMOKING TOBACCO, CHEWING TOBACCO, CIGARS, CIGARETTES, AND SNUFF. LARUS & BROTHER COMPANY, INC., Richmond, Va.
Filed October 27, 1947. Serial No. 539,179. PUBLISHED JULY 13, 1948. Class 17.

502,939. FABRIC GLOVES. WIMELBACHER & RICE INC., New York, N. Y.
Filed October 28, 1947. Serial No. 539,372. PUBLISHED JUNE 15, 1948. Class 39.

502,940. PREPARATION USEFUL IN THE TREATMENT AND PREVENTION OF METABOLIC AND NUTRITIONAL DEFICIENCIES AND RUN-DOWN CONDITIONS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed October 29, 1947. Serial No. 539,445. PUBLISHED JULY 20, 1948. Class 6.

502,941. WOMEN'S AND MISSES' UNDERWEAR AND LINGERIE—NAMELY, VESTS, BLOOMERS, PANTIES, ETC. VANITY FAIR MILLS, INC., Reading, Pa.
Filed October 30, 1947. Serial No. 539,582. PUBLISHED JUNE 22, 1948. Class 39.

502,942. WOMEN'S UNDERGARMENTS—NAMELY, PAJAMAS, ROBES, AND NEGLIGEES. YOLANDE CORPORATION, New York, N. Y.
Filed November 4, 1947. Serial No. 540,134. PUBLISHED JUNE 29, 1948. Class 39.

502,943. SMOKING PIPES. ARTHUR C. FISCHER, doing business as Gustave A. Fischer & Son, Buffalo, N. Y.
Filed November 21, 1947. Serial No. 541,926. PUBLISHED JULY 13, 1948. Class 8.

502,944. FARM IMPLEMENTS—NAMELY, DISC PLOWS, SUB-SOILERS, DISC HARROWS, SCOOPS, PLANTERS, CULTIVATORS AND BULLDOZERS. SOUTHERN IRON & EQUIPMENT COMPANY, Atlanta, Ga.
Filed May 27, 1948. Serial No. 554,940. PUBLISHED JULY 13, 1948. Class 23.

Service Marks

502,945. SERVICES RENDERED IN THE SMALL LOAN, INSTALMENT LOAN, AND INSTALMENT CREDIT BUSINESS. BENEFICIAL INDUSTRIAL LOAN CORPORATION, Wilmington, Del.
Filed July 5, 1947. Serial No. 527,261. PUBLISHED JULY 13, 1948. Class 55.

502,946. SERVICES RENDERED IN CONNECTION WITH OIL WELLS—NAMELY, TESTING SERVICES FOR OIL WELL CASINGS, TUBING, DRILL PIPES, AND LINERS. MCCULLOUGH TOOL COMPANY, Los Angeles, Calif.
Filed July 7, 1947. Serial No. 528,068. PUBLISHED JULY 13, 1948. Class 55.

502,947. SERVICES RENDERED IN CONNECTION WITH OIL WELLS—NAMELY, TESTING SERVICES FOR OIL WELL CASINGS, TUBING, DRILL PIPES, AND LINERS. MCCULLOUGH TOOL COMPANY, Los Angeles, Calif.
Filed July 7, 1947. Serial No. 528,080. PUBLISHED JULY 13, 1948. Class 55.

502,948. UTILITY RATE AUDITING. CHARLES C. STARNES, doing business as Rateonics Service, Dallas, Tex.
Filed July 18, 1947. Serial No. 528,895. PUBLISHED JULY 13, 1948. Class 55.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

502,949. (CLASS 4. ABRASIVE, DETERGENT AND POLISHING MATERIALS. ABRASIVE DRESSING TOOL COMPANY, Detroit, Mich., a corporation of Michigan, assignee of Abrasive Dressing Tool Company. Filed Jan. 29, 1948. Serial No. 473,298.

DIAMOND CARBIDE

FOR DIAMOND ABRASIVE WHEELS FOR DRESSING AND CUTTING CARBIDE STEEL AND THE LIKE.
Claims use since June 10, 1944.

502,950. (CLASS 31. FILTERS AND REFRIGERATORS.) THE CUNO ENGINEERING CORPORATION, Meriden, Conn. Filed July 30, 1948. Serial No. 492,687.

COOLANT-KLEAN

FOR MECHANICAL FLUID STRAINING AND FILTERING APPARATUS AND PARTS THEREOF AS ACCESSORIES FOR FILTERING LIQUIDS FOR MACHINERY AND ENGINES.
Claims use since Nov. 19, 1945.

502,951. (CLASS 19. VEHICLES.). CONSOLIDATED VULTEE AIRCRAFT CORPORATION, San Diego, Calif. Filed June 16, 1948. Serial No. 505,335.



Applicant claims ownership of registrations Nos. 277,776, 277,777, and 394,021.
FOR AIRPLANES AND STRUCTURAL PARTS THEREOF.
Claims use since Jan. 17, 1946.

502,952. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) AUDIENCE RECORDS, INC., New York, N. Y. Filed Dec. 22, 1947. Serial No. 506,912.

TOP★TEN

FOR GROOVED PHONOGRAPH RECORDS AND ALBUMS OF GROOVED PHONOGRAPH RECORDS.
Claims use since July 12, 1946.

502,953. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MADAM C. J. WALKER MFG. CO. INC., Indianapolis, Ind. Filed May 29, 1948. Serial No. 507,442.

Madam C. J. Walker's
WONDERFUL
SCALP OINTMENT

The words "Scalp Ointment" are disclaimed apart from the mark. In the drawing "Madam C. J. Walker's" is fanciful. Applicant claims ownership of registrations Nos. 153,556 and 159,572.
FOR SCALP OINTMENT.
Claims use since Jan. 31, 1942.

502,954. (CLASS 19. VEHICLES.) MICRO-LINOR SERVICE CORPORATION, Detroit, Mich. Filed Dec. 31, 1947. Serial No. 507,831.

Shock-Seal

FOR REPAIR SETS COMPRISED OF BUSHINGS AND CLAMPS FOR RECONDITIONING OR REPAIRING SHOCK ABSORBERS OF AUTOMOTIVE VEHICLES.
Claims use since Mar. 15, 1946.

502,955. (CLASS 4. ABRASIVE, DETERGENT AND POLISHING MATERIALS.) THERMOCOR PRODUCTS, INC., Erlanger, Ky. Filed Nov. 7, 1947. Serial No. 509,380.

SILVER Service

FOR PREPARATIONS FOR CLEANING, POLISHING AND PRESERVING SILVER.
Claims use since Jan. 29, 1946.

502,956. (CLASS 39. CLOTHING.) THE SALEM COMPANY, INCORPORATED, Winston-Salem, N. C., by change of name from J. & J. Manufacturing Co., Inc. Filed Dec. 31, 1947. Serial No. 513,259.



FOR MEN'S, WOMEN'S, AND BOYS' WORKPANTS—NAMELY, DUNGAREES, JEANS, SLACKS, OVERALLS, JIMMIEALLS, AND COVERALLS.
Claims use since Sept. 4, 1946.

502,957. (CLASS 4. ABRASIVE, DETERGENT AND POLISHING MATERIALS.) THE J. R. WATKINS COMPANY, Winona, Minn. Filed Nov. 25, 1947. Serial No. 514,078.

LANO-VELT

FOR CLEANING PREPARATION IN POWDER FORM FOR GENERAL HOUSEHOLD USE.
Claims use since Nov. 18, 1946.

502,958. (CLASS 37. PAPER AND STATIONERY.) FRANCES SOUTHARD, Beverly Hills, Calif. Filed Nov. 28, 1947. Serial No. 515,911.

Bibbies

FOR CHILDREN'S PAPER BIBS.
Claims use since May 6, 1946.

502,959. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) MORGANITE, INCORPORATED, Long Island City, N. Y. Filed Dec. 5, 1947. Serial No. 520,517.

"No-Drag"

FOR GAS METER VALVES.
Claims use since Nov. 29, 1946.

502,960. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELIZABETH ARDEN SALES CORPORATION, New York, N. Y. Filed Jan. 21, 1948. Serial No. 524,316.

Venetian
SPECIAL
REDUCING
LOTION

FOR REDUCING LOTIONS.
Claims use since Jan. 5, 1916.

502,961. (CLASS 39. CLOTHING.) CALTEX SPORTSWEAR CO. OF CALIFORNIA, INC., Los Angeles, Calif. Filed May 25, 1948. Serial No. 529,228.

Swim-Easy

FOR LADIES' AND GIRLS' SWIM SUITS AND MEN'S BATHING TRUNKS.
Claims use since Mar. 11, 1947.

502,962. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HYDRO-TOYS MFG. CO., Lewiston, N. Y. Filed July 25, 1947. Serial No. 529,464.

Hydro-Toys

FOR TOYS OPERATED BY WATER AND/OR ELECTRICITY, SUCH AS TOY WATER TROUGHS AND SECTIONS THEREOF, TOY WATER LOCKS, TOY DRY DOCKS, TOY WATER-POWER WHEELS, TOY ELECTRIC MOTORS, AND TOY ELECTRIC TRANSFORMER.
Claims use since May 3, 1944.

502,963. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) SLIP-NOT BELTING CORPORATION, Kingsport, Tenn. Filed July 28, 1948. Serial No. 529,718.



Applicant claims ownership of registration No. 268,913.
FOR TRANSMISSION BELTING.
Claims use since Jan. 14, 1921.

502,964. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) AMERICAN ARTISTS' COLOR WORKS, INC., Brooklyn, N. Y. Filed July 14, 1948. Serial No. 530,050.

A Sargent

No claim is made to the representation of an artist's pallette apart from the mark.
FOR ARTISTS' BRUSHES.
Claims use since July 1, 1947.

502,965. (CLASS 19. VEHICLES.) DORSEY TRAILERS, Elba, Ala. Filed June 9, 1948. Serial No. 530,170.



The lining of the drawing is for shading purposes only.
FOR PLATFORM TRAILERS, STAKE BODY TRAILERS, LIVESTOCK TRAILERS, LOW-BED HEAVY DUTY MACHINERY TRAILERS, TILTING PLATFORM TRAILERS, AND VAN TRAILERS.
Claims use since Feb. 10, 1930.

502,966. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) MEDLEY DISTILLING COMPANY, Owensboro, Ky. Filed July 28, 1948. Serial No. 530,751.

OWENSBORO
CLUB

FOR WHISKEY.
Claims use since July 25, 1947.

502,967. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) MEDLEY DISTILLING COMPANY, Owensboro, Ky. Filed July 28, 1948. Serial No. 530,752.

OWENSBORO
BRAND

FOR WHISKEY.
Claims use since July 25, 1947.

502,968. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) KENT CREATIONS INC., New York, N. Y. Filed Aug. 22, 1947. Serial No. 532,138.

LADY LYNN

FOR PERFUME ATOMIZERS.
Claims use since June 1946.

502,969. (CLASS 35. BELTING, HOSE MACHINERY PACKING, AND NONMETALLIC TIRES.) THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 28, 1948. Serial No. 532,587.

Super Cushion

FOR TIRES.
Claims use since July 14, 1947.

502,970. (CLASS 39. CLOTHING.) JOHN DAVID, INC., New York, N. Y. Filed June 26, 1948. Serial No. 534,247.

Nobutton

Applicant claims ownership of registration No. 351,906.
FOR MEN'S AND BOYS' UNDERSHIRTS, SHORTS AND UNION SUITS, OUTER SHIRTS, SWEATERS, BEACH ROBES, BATH ROBES, SOCKS AND SPORT STOCKINGS, GARTERS, SUITS, SPORT SLACKS AND TROUSERS, OVERCOATS, NECKTIES, COLLARS, LEATHER AND FABRIC GLOVES, LEATHER AND FABRIC SPORT COATS, BATHING SUITS, BATHING TRUNKS, SCARFS AND MUFFLERS, PAJAMAS AND NIGHTSHIRTS, RAINCOATS, HATS AND CAPS.
Claims use since July 1934.

502,971. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) BARBET MILLS, INCORPORATED, Gastonia, N. C. Filed June 16, 1948. Serial No. 534,867.

Knitest

FOR KNITTED FABRICS COMPOSED OF COTTON, RAYON, WOOL, AND COMBINATIONS THEREOF.
Claims use since May 12, 1947.

502,972. (CLASS 48. MALT BEVERAGES AND LIQUORS.) G. HEILEMAN BREWING COMPANY, La Crosse, Wis. Filed July 2, 1948. Serial No. 535,238.

Junior Junior

Applicant is the owner of trade-mark registrations Nos. 166,766, 63,492, 413,664, 74,371, and 319,501.
FOR BEER.
Claims use since Feb. 19, 1940.

502,973. (CLASS 39. CLOTHING.) CELIA R. BLACK, Detroit, Mich. Filed Mar. 17, 1948. Serial No. 536,992.

French Maid Bra

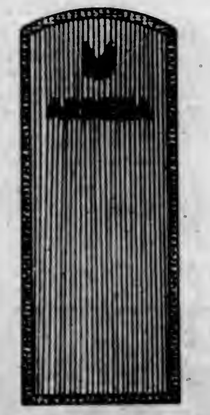
FOR BRASSIÈRES AND PANTIES, SLIPS AND UNDERWEAR.
Claims use since Jan. 18, 1947.

502,974. (CLASS 19. VEHICLES.) SCHOFIELD MANUFACTURING CO., Cleveland, Ohio. Filed July 22, 1948. Serial No. 537,083.

SCHOFIELD

FOR AUTOMOBILE BODY REPLACEMENT PANELS AND PATCHES MADE OF METAL—NAMELY, DOOR, ROCKER AND BODY PANELS AND COWL AND FENDER PATCHES.
Claims use since Mar. 1, 1945.

502,975. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELIZABETH ARDEN SALES CORPORATION, New York, N. Y. Filed June 26, 1948. Serial No. 539,386.



The drawing is lined to represent the colors gold and pink. Applicant claims ownership of registrations Nos. 205,537 and 279,960.
FOR SKIN LOTIONS AND ASTRINGENTS.
Claims use since Feb. 26, 1935.

502,976. (CLASS 35. BELTING, HOSE MACHINERY PACKING, AND NONMETALLIC TIRES.) THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 8, 1948. Serial No. 544,076.

ALL SERVICE

FOR TIRES COMPOSED WHOLLY OR PRINCIPALLY OF RUBBER.
Claims use since Feb. 12, 1940.

502,977. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. E. MALLARD LABORATORIES, INC., Detroit, Mich. Filed Dec. 26, 1947. Serial No. 545,500.

REG-O-LATE

Applicant claims ownership of registration No. 354,970.
FOR COLLOIDAL EMULSION CONTAINING MINERAL OIL DISPERSED IN A FLAVORED PECTIN JELLY BASE STABILIZED WITH ACACIA USED AS AN INTESTINAL LUBRICANT.
Claims use since Dec. 1, 1936.

TRADE-MARK REGISTRATIONS RENEWED

31,905. FROST BOTTOM. Registered Aug. 23, 1898. Neptune Meter Company, Jersey City, N. J., and New York, N. Y. Re-renewed Aug. 23, 1948, to Neptune Meter Company, New York, N. Y., a corporation of New Jersey. FLUID METERS. Class 26.

32,188. YANKY. Registered Nov. 29, 1898. Richard Hudnut. Re-renewed Nov. 29, 1948, to Richard Hudnut, New York, N. Y., a corporation of New York. EXTRACTS, TOILET WATERS, AND SACHETS. Class 6.

66,405. COALITE. Registered Nov. 26, 1907. Coalite Limited. Re-renewed Nov. 26, 1947, to Low Temperature Carbonisation Limited, London, England, a corporation organized under the laws of Great Britain. COAL, COKE, BREEZE AND PARTIALLY COKED COAL. Class 1.

66,502. COALINE. Registered Dec. 10, 1907. Coalite Limited. Re-renewed Dec. 10, 1947, to Low Temperature Carbonisation Limited, London, England, a corporation organized under the laws of Great Britain. COAL, COKE, BREEZE AND PARTIALLY COKED OR CHARRED COAL. Class 1.

69,625. BAND OF A LEAD PENCIL LINED FOR RED AND SILVER. Registered June 23, 1908. Eagle Pencil Company. Re-renewed June 23, 1948, to Eagle Pencil Company, New York, N. Y., a corporation of Delaware. LEAD PENCILS. Class 37.

69,713. BLUE BELL. Registered June 30, 1908. Strasbaugh, Silver & Co., Aberdeen, Md. Re-renewed June 30, 1948, to The Silver Canning Company, Colora, Md., a partnership. CANNED VEGETABLES. Class 46.

69,838. PREMIER. Registered July 7, 1908. Wheeling Stamping Company, Wheeling, W. Va., a corporation of West Virginia. Re-renewed July 7, 1948. LAMP BURNERS. Class 34.

70,185. IRONTEX. Registered Aug. 11, 1908. R. H. Macy & Co. Re-renewed Aug. 11, 1948, to R. H. Macy & Co., Inc., New York, N. Y., a corporation of New York. HOSIERY. Class 39.

70,215. LONOIR. Registered Aug. 11, 1908. Chas. R. Long, Jr. Co., Louisville, Ky., a corporation of Kentucky. Re-renewed Aug. 11, 1948. PAINT. Class 16.

70,410. REPRESENTATION OF WOMAN ETC. Registered Aug. 25, 1908. Crystal Gelatine Company, Boston, Mass. Re-renewed Aug. 25, 1948, to Eastman Gelatine Corporation, Peabody, Mass., a corporation of Massachusetts. GELATIN. Class 46.

71,516. LUXURIA. Registered Dec. 1, 1908. Vincent B. Thomas. Re-renewed Dec. 1, 1948, to Harriet Hubbard Ayer, Inc., New York, N. Y., a corporation of New York. FACE CREAM. Class 6.

212,191. AIRSHIP. Registered Apr. 27, 1926. John Morrell & Co., Ottumwa, Iowa, a corporation of Maine. Renewed Apr. 27, 1946. LARD, SHORTENING COMPOSED OF VEGETABLE OILS AND ANIMAL FATS, AND SAUSAGE. Class 46.

227,571. "CARBON SPLINT" AND DESIGN. Registered May 10, 1927. The Carbon Fuel Company. Renewed May 10, 1947, to The Carbon Fuel Sales Company, Cincinnati, Ohio, a corporation of West Virginia. COAL. Class 1.

229,511. "CRI-CRI" ETC. AND DRAWING. Registered June 28, 1927. Antonio Alonso, Hijos. Renewed June 28, 1947, to Conservas Antonio Alonso S. L., Vigo, Spain, a firm of Spain. PRESERVED FISH. Class 46.

233,491. WESTFIELD. Registered Sept. 27, 1927. Bulova Watch Company, Inc. Renewed Jan. 5, 1948 (Supplemental Register), to Westfield Watch Company, Inc., New York, N. Y., a corporation of New York. WATCHES AND WATCH CASES. Class 27.

239,461. "MINRALTONE" AND BACKGROUND DESIGN. Registered Mar. 6, 1928. Troy Chemical Co. Renewed Mar. 6, 1948, to Near's Food Co., Inc., Binghamton, N. Y., a corporation of New York. MINERAL TONIC FOR POULTRY AND DOMESTIC ANIMALS. Class 6.

241,510. PALM BEACH LIFE. Registered May 1, 1928. Oscar G. Davies. Renewed May 1, 1948, to Palm Beach News and Life, Inc., Palm Beach, Fla., a corporation of Florida. WEEKLY PERIODICAL. Class 38.

241,691. DENTOCOLL. Registered May 8, 1928. Gebrueder de Trey Aktiengesellschaft, Zurich, Switzerland, a corporation organized under the laws of Switzerland. Renewed May 8, 1948. MOULDING MASSES FOR DENTAL PURPOSES—NAMELY, A MOULDING COMPOSITION. Class 44.

241,765. LUSTAQUIK. Registered May 8, 1928. Boston Varnish Company, Everett, Mass., a corporation of Massachusetts. Renewed May 8, 1948. READY-MIXED PAINT, PAINT ENAMEL, AND VARNISHES. Class 16.

243,407. "LEAD & ZINC" AND DESIGN. Registered June 19, 1928. Baker Paint & Varnish Co., Jersey City, N. J., a corporation of New Jersey. Renewed June 19, 1948. DRY, PASTE, AND READY MIXED PAINTS, AND VARNISHES. Class 16.

243,625. "KATSAFANA'S" AND DESIGN. Registered June 26, 1928. Katsafanas Coffee Company. Renewed June 26, 1948, to Katsafanas Coffee Company, Inc., Pittsburgh, Pa., a corporation of Pennsylvania. COFFEE. Class 46.

243,733. "HY-PHEN" AND SCROLL DESIGN. Registered June 26, 1928. Bradley's Laboratory. Renewed June 26, 1948, to Hy-Phen Corporation, Matoaka, W. Va., a corporation of West Virginia. ANALGESIC AND SEDATIVE PREPARATIONS FOR RELIEF OF DISCOMFORTS OF HEADACHE, COLDS, NEURALGIA, RHEUMATISM, LUMBAGO, SCIATICA, PERIODIC AND OTHER COMMON PAINS. Class 6.

243,803. "QUALITY" AND OVAL DESIGN. Registered June 26, 1928. Napier Saw Works, Inc. Renewed June 26, 1948 (Supplemental Register), to Clemson Bros., Inc., Middletown, N. Y., a corporation of New York. SAWS. Class 23.

243,998. "HERMES" AND HEAD DESIGN OF THE OLYMPIAN GOD HERMES. Registered July 3, 1928. Katsafanas Coffee Company. Renewed July 3, 1948, to Katsafanas Coffee Company, Inc., Pittsburgh, Pa., a corporation of Pennsylvania. COFFEE. Class 46.

244,591. LAND O' CORN. Registered July 24, 1928. The Rath Packing Company, Waterloo, Iowa, a corporation of Iowa. Renewed July 24, 1948. BACON. Class 46.

244,863. "GOLD STAR" AND REPRESENTATION OF TWO STARS. Registered July 31, 1928. The Carpenter Steel Company, Reading, Pa., a corporation of New Jersey. Renewed July 31, 1948. TOOL STEELS IN BARS, BILLETS, AND SHAPES. Class 14.

245,428. BEARITE. Registered Aug. 14, 1928. Harry L. Baer, doing business as Water Treatment Company of America, Pittsburgh, Pa. Renewed Aug. 14, 1948. DETERGENT FOR REMOVING SCALE AND DEPOSITS FROM WATER CONDUITS AND CONTAINERS, ETC. Class 6.

245,629. "SATIN OIL" ETC. AND DRAWING. Registered Aug. 21, 1928. Gibson Oil Company, Fort Smith, Ark. Renewed Aug. 21, 1948, to Majestic Lubricating Company, Tulsa, Okla., a corporation of Oklahoma. LUBRICATING OIL FOR AUTOMOBILES. Class 15.

246,563. TOWN CLUB. Registered Sept, 11, 1928. Broom & Newman, New York, N. Y., a firm. Renewed Sept. 11, 1948. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS. Class 39.

246,590. PENOLYN. Registered Sept. 11, 1928. Pennsylvania Lubricating Company, Pittsburgh, Pa. Renewed Sept. 11, 1948, to Esso Standard Oil Company, New York, N. Y., a corporation of Delaware. LIQUID BINDER FOR FORMING CORES FOR CASTINGS. Class 5.

246,634. PEDEES. Registered Sept. 11, 1928. Herbert Hosiery Mills, Inc., Norristown, Pa., a corporation of Pennsylvania. Renewed Sept. 11, 1948. SOCKS FOR INFANTS AND FOR CHILDREN. Class 39.

246,712. "HAPPIE-EASTER". Registered Sept. 11, 1928. Oscar L. Gabriel, doing business as Happie-Easter Dye Company, New York, N. Y. Renewed Sept. 11, 1948, to Fred Fear & Co., Brooklyn, N. Y., a corporation of New York. DYES. Class 6.

246,868. TIME THE WEEKLY NEWSMAGAZINE. Registered Sept. 18, 1928. Time, Incorporated, New York, N. Y., a corporation of New York. Renewed Sept. 18, 1948. WEEKLY MAGAZINE. Class 38.

246,874. ESSOPHALT. Registered Sept. 18, 1928. The Emulsion Process Corporation, Jersey City, N. J. Renewed Sept. 18, 1948, to Esso Standard Oil Company, New York, N. Y., a corporation of Delaware. ASPHALT EMULSION FOR WATERPROOF COATINGS AND GENERAL USE. Class 12.

247,900. PENPROX. Registered Oct. 9, 1928. Peninsular Paint and Varnish Company. Renewed Oct. 9, 1948, to Acme White Lead & Color Works, Detroit, Mich., a corporation of Michigan. PAINT ENAMELS, LACQUER ENAMELS, LACQUERS, PAINTERS' WALL SIZINGS, ETC. Class 16.

247,925. "MONTAGUE SPLITSWITCH" AND REPRESENTATION OF A FISH. Registered Oct. 9, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Massachusetts. Renewed Oct. 9, 1948. FISHING RODS. Class 22.

247,926. "MONTAGUE FLIPLINE" AND REPRESENTATION OF A FISH. Registered Oct. 9, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Massachusetts. Renewed Oct. 9, 1948. FISHING RODS. Class 22.

247,927. "MONTAGUE RED WING" AND REPRESENTATION OF A FISH. Registered Oct. 9, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Massachusetts. Renewed Oct. 9, 1948. FISHING RODS. Class 22.

247,928. "MONTAGUE FISHKILL" AND REPRESENTATION OF A FISH. Registered Oct. 9, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Massachusetts. Renewed Oct. 9, 1948. FISHING RODS. Class 22.

247,929. "MONTAGUE TRAIL" AND REPRESENTATION OF A FISH. Registered Oct. 9, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Mamssachusetts. Renewed Oct. 9, 1948. FISHING RODS. Class 22.

247,930. "MONTAGUE MANITOU" AND REPRESENTATION OF A FISH. Registered Oct. 9, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Massachusetts. Renewed Oct. 9, 1948. FISHING RODS. Class 22.

248,203. CLOVER FARM. Registered Oct. 16, 1928. The Greene-Babcock Co., Cleveland, Ohio, assignor to The Grocers-Producers Company. Renewed Oct. 16, 1948, to Clover Farm Stores Corporation, Cleveland, Ohio, a corporation of Ohio. BUTTER, OLEOMARGARINE, EGGS, PASTRY FLOUR, AND BREAD. Class 46.

248,431. "PENNZOIL" AND REPRESENTATION OF A BELL. Registered Oct. 23, 1928. The Pennsoil Company, Los Angeles, Calif., a corporation of California. Renewed Oct. 23, 1948. MOTOR FUEL OILS AND LUBRICANT OILS AND GREASES. Class 15.

248,465. "MONTAGUE" AND REPRESENTATION OF A FISH. Registered Oct. 23, 1928. Montague Rod and Reel Company, Montague City, Mass., a corporation of Massachusetts. Renewed Oct. 23, 1948. FISHING RODS. Class 22.

248,517. SEAL-TEX. Registered Oct. 23, 1928. Acme White Lead & Color Works, Detroit, Mich., a corporation of Michigan. Renewed Oct. 23, 1948. PAINTERS' GLOSS AND FLAT FINISHES; MIXED, READY-MIXED, COLD-WATER, AND PASTE PAINTS, ETC. Class 16.

248,655. LAINÉ AND REPRESENTATION OF SHEEP ON BACKGROUND DESIGN. Registered Oct. 30, 1928. Manufacture Francaise de Tapis et Couvertures, Beauvais (Oise), France, a corporation organized under the laws of the French Republic. Renewed Oct. 30, 1948. COVERLETS OF WOOL, COTTON, OR OTHER TEXTILES; TAPESTRIES IN THE NATURE OF UPHOLSTERIES FOR FURNITURE, ETC. Class 42.

248,998. ROSELLE. Registered Nov. 6, 1928. Oppenheim, Collins & Co., Inc., Wilmington, Del., New York, Brooklyn and Buffalo, N. Y., and Newark, N. J. Renewed Nov. 6, 1948, to Oppenheim, Collins & Co. Inc., New York, N. Y., a corporation of Delaware. WOMEN'S, MISSES', AND CHILDREN'S SHOES OF LEATHER OR OF FABRIC OR OF LEATHER AND FABRIC. Class 39.

249,027. "SUPER TEST" ETC. AND DESIGN. Registered Nov. 6, 1928. The Grady-Travers Company. Renewed Nov. 6, 1948, to The Grady-Travers Company, Incorporated, New York, N. Y., a corporation of New York. ROPE. Class 7.

249,393. B. F. C. Registered Nov. 13, 1928. Brownell & Field Co., Providence, R. I., a corporation of Rhode Island. Renewed Nov. 13, 1948. CANNED FRUITS, CANNED VEGETABLES, CANNED BERRIES, EGG NOODLES, BUCKWHEAT FLOUR, ETC. Class 46.

249,951. ELK BRAND. Registered Nov. 27, 1928. Gustave E. Koppe, doing business as The Elkloid Company. Renewed Nov. 27, 1948, to The Elkloid Company, Providence, R. I., a corporation of Rhode Island. DICE, DICE SHAKERS, DOMINOES, POKER CHIPS, SPINNING TOPS, HOLLOW BALLS, SCORE PADS, PLAYING CARD CASES, AND TRUMP INDICATORS FOR CARDS. Class 22.

250,080. AUNT DINAH. Registered Nov. 27, 1928. Penick & Ford, Ltd., Incorporated, New York, N. Y., a corporation of Delaware. Renewed Nov. 27, 1948. MOLASSES. Class 46.

250,112. REGENCY. Registered Nov. 27, 1928. Jay Thorpe, Inc., New York, N. Y., a corporation of New York. Renewed Nov. 27, 1948. BRADED BAGS. Class 3.

250,313. PAIN-EXPELLER. Registered Dec. 4, 1928. F. Ad. Richter & Co. of New York, now by change of name Fadrich Corporation, assignor to F. Ad. Richter & Co., Inc. Renewed Dec. 4, 1948, to F. Ad. Richter & Co. Inc., Brooklyn, N. Y., a corporation of New York. LINIMENT FOR RHEUMATISM, GOUT, NEURALGIA, LUMBAGO, COLDS, SPRAINS, BRUISES, AND CRAMPS IN THE STOMACH. Class 6.

250,465. DRAWING OF AUNT DINAH. Registered Dec. 11, 1928. Penick & Ford, Ltd., Incorporated, New York, N. Y., a corporation of Delaware. Renewed Dec. 11, 1948. MOLASSES. Class 46.

250,480. GARLOCK. Registered Dec. 11, 1928. The Garlock Packing Company, Palmyra, N. Y., a corporation of New York. Renewed Dec. 11, 1948. CORD PLUGS FOR CLEANING CONDENSER TUBES. Class 13.

250,498. SANVALE. Registered Dec. 11, 1928. Lesher, Whitman & Co., Inc., New York, N. Y. Renewed Dec. 11, 1948, to Goodall-Sanford, Inc., Sanford, Maine, a corporation of Maine. UNIFORM SERGE—NAMELY, PIECE GOODS, BEING A FABRIC WITH A WARP OF COTTON, OR OF COTTON AND MOHAIR MIXED, OR OF COTTON AND SILK MIXED, AND OF OTHER NAMED MIXED FABRICS. Class 42.

250,530. DIPLOMAT. Registered Dec. 11, 1928. Silo Packing Company, Inc., New York, N. Y. Renewed Dec. 11, 1948, to Diplomatic Products, Inc., North Bergen, N. J., a corporation of New York. PICKLED PIG'S FOOT TASTIES, PICKLED LAMBS' TONGUES, OX TONGUE (WHOLE, JELLY), PICKLED BONELESS PIGS' FEET, ETC. Class 46.

250,623. SALT RIVER. Registered Dec. 11, 1928. Arizona Citrus Growers, Phoenix, Ariz., a corporation of Arizona. Renewed Dec. 11, 1948. FRESH CITRUS FRUITS. Class 46.

250,782. AMALOY. Registered Dec. 18, 1928. American Machine & Foundry Company, Jersey City, N. J., New York and Brooklyn, N. Y. Renewed Dec. 18, 1948, to American Machine & Foundry Company, New York, N. Y., a corporation of New Jersey. NONCORROSIVE COATING METAL AND SOLDERING METAL. Class 14.

250,818. "THE CAPTAIN". Registered Dec. 18, 1928. Gemex Company, Newark, N. J. Renewed Dec. 18, 1948, to Gemex Company, Union, N. J., a corporation of New Jersey. WATCH BRACELETS. Class 28.

250,821. "THE MAJOR". Registered Dec. 18, 1928. Gemex Company, Newark, N. J. Renewed Dec. 18, 1948, to Gemex Company, Union, N. J., a corporation of New Jersey. WATCH BRACELETS. Class 28.

250,824. "THE COMMODORE". Registered Dec. 18, 1928. Gemex Company, Newark, N. J. Renewed Dec. 18, 1948, to Gemex Company, Union, N. J., a corporation of New Jersey. WATCH BRACELETS. Class 28.

250,825. "THE COLONEL". Registered Dec. 18, 1928. Gemex Company, Newark, N. J. Renewed Dec. 18, 1948, to Gemex Company, Union, N. J., a corporation of New Jersey. WATCH BRACELETS. Class 28.

250,832. "BOND" AND DESIGN. Registered Dec. 18, 1928. Yale Electric Corporation, Jersey City, N. J. Renewed Dec. 18, 1948, to Olin Industries, Inc., New Haven, Conn., a corporation of Delaware. ELECTRIC LANTERNS, ELECTRIC FLASHLIGHTS, ELECTRIC SEARCHLIGHTS, ETC. Class 21.

250,951. "AUNT DINAH" AND DRAWING. Registered Dec. 18, 1928. Penick & Ford Ltd., Incorporated, New York, N. Y., a corporation of Delaware. Renewed Dec. 18, 1948. MOLASSES. Class 46.

251,172. ALEMITE HIGH PRESSURE. Registered Jan. 1, 1929. The Bassick Manufacturing Company, now by change of name to Alemite Manufacturing Corporation. Renewed Jan. 1, 1949, to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia. MONTHLY PERIODICALS. Class 38.

251,403. INTERNATIONAL. Registered Jan. 8, 1929. International Fire Equipment Corporation, West New Brighton, N. Y. Renewed Jan. 8, 1949, to International Fire Equipment Corporation, Staten Island, N. Y., a corporation of Delaware. PORTABLE HAND FIRE EXTINGUISHING APPARATUS. Class 23.

251,534. DROMEDARY. Registered Jan. 8, 1929. The Hills Brothers Company, New York, N. Y., a corporation of New York. Renewed Jan. 8, 1949. GRAPEFRUIT JUICE. Class 46.

251,723. VASANO. Registered Jan. 15, 1929. Schering-Kahlbaum A. G., Berlin, Germany. Renewed Jan. 15, 1949, to Schering Corporation, Bloomfield, N. J., a corporation of New Jersey. MEDICINE FOR THE TREATMENT OF SEASICKNESS. Class 6.

251,763. HIGH C BRAND. Registered Jan. 15, 1929. Salter Canning Company, North Rose, N. Y., a corporation of New York. Renewed Jan. 15, 1949. CANNED BERRIES—NAMELY, RASPBERRIES; CANNED FRUITS—NAMELY, APPLES, CHERRIES, ETC. Class 46.

251,776. "BAYUK RIBBON". Registered Jan. 15, 1929. Bayuk Cigars Incorporated, Philadelphia, Pa., a corporation of Maryland. Renewed Jan. 15, 1949. CIGARS. Class 17.

251,789. P. D. Registered Jan. 15, 1929. Sinclair Refining Company, New York, N. Y., a corporation of Maine. Renewed Jan. 15, 1949. INSECTICIDES. Class 6.

251,861. HELLO THERE! Registered Jan. 15, 1929. C. E. Welch, Merced, Calif. Renewed Jan. 15, 1949. FRESH GRAPES, FRESH DECIDUOUS FRUITS. Class 46.

252,067. BRILL'S TOPS-ALL. Registered Jan. 22, 1929. H. C. Brill Company, Inc., Newark, N. J., a corporation of New Jersey. Renewed Jan. 22, 1949. BAKING POWDER. Class 46.

252,133. "W. WARREN THREAD WORKS" AND REPRESENTATION OF INDIAN'S HEAD. Registered Jan. 22, 1929. W. Warren Thread Works, Westfield, Mass., a corporation of Massachusetts. Renewed Jan. 22, 1949. SPOOL COTTON. Class 43.

252,134. REPRESENTATION OF EAGLE AND SCROLL. Registered Jan. 22, 1929. S. L. Allen & Co., Inc., Philadelphia, Pa., a corporation of Pennsylvania. Renewed Jan. 22, 1949. COASTING SLEDS. Class 22.

252,169. S R A. Registered Jan. 29, 1929. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Jan. 29, 1949. DYESTUFFS. Class 6.

252,231. PERROL. Registered Jan. 29, 1929. Arnold Louis van Ameringen. Renewed Jan. 29, 1949, to van Ameringen-Haebler, Inc., New York, N. Y., a corporation of New York. ESSENCES OF PERFUMES, ESSENCES FOR PERFUMERY MATERIALS, AROMATIC MATERIALS FOR PERFUMING PURPOSES, ETC. Class 6.

252,269. MATALESE. Registered Jan. 29, 1929. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Jan. 29, 1949. ROBES, LADIES' AND CHILDREN'S DRESSES AND COATS. Class 39.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

148,003. MARATHON AND DESIGN. Registered Nov. 8, 1921. Samuel M. Einstein, Attleboro, Mass. JEWELRY FOR PERSONAL ADORNMENT—NAMELY, ORNAMENTAL CLASP-PINS, FINGER RINGS, ETC. Class 28. The drawing is hereby amended to appear as follows:

MARATHON

439,783. RELIANCE. Registered July 20, 1948. The Faultless Rubber Company, also doing business as Ashland Rubber Works, Ashland, Ohio. HOUSEHOLD RUBBER GLOVES. Class 39. Corrected as follows: In the signature to the statement, name of officer, for "George C. Meiler" read *George A. Meiler*.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 114,920. Registered Jan. 16, 1917. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y., a corporation of Massachusetts. Republished by registrant, present location Brooklyn, N. Y.

CLIPPER

FOR OAKUM FOR PACKING AND CALKING.
Claims use since Mar. 28, 1916.

Reg. No. 133,094. Registered July 6, 1920. OSCAR H. WILL & Co., Bismarck, N. Dak., a corporation of North Dakota. Republished by registrant.

Emerald

FOR SEEDS—NAMELY, LAWN AND GRASS SEEDS.
Claims use since 1889.

Reg. No. 194,017. Registered Jan. 13, 1925. DIAMOND STATE FIBRE COMPANY, Elsmere, Del., and Bridgeport, Pa. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

VulcawooD

FOR VULCANIZED FIBRE.
Claims use since July 1, 1924.

Reg. No. 251,953. Registered Jan. 22, 1929. PRALL, PEACOCK AND KEER OF NEW YORK, New York, N. Y., a corporation of New York. Republished by registrant.

PNEUMO

GRAVITY

FOR COAL.
Claims use since July 1, 1925.

CLASS 2

RECEPTACLES

corporation of New York. Republished by registrant. LIC MANUFACTURING COMPANY, Montgomery, Ill. Republished by Lyon Metal Products, Incorporated, Aurora, Ill., a corporation of Illinois.

LYON

FOR METAL BOXES, LOCKERS AND TOOL-BOXES.
Claims use since about Dec. 1, 1913.

Reg. No. 230,778. Registered Aug. 2, 1927. CHATTANOOGA BOILER & TANK CO., Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

SOUTHLAND

FOR STORAGE TANKS.
Claims use since May 1924.

Reg. No. 323,739. Registered Apr. 30, 1935. THE KOVA KNIT CO., New York, N. Y. Republished by Fidelity Machine Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

Hi-Jacs

FOR FABRIC COVERINGS FOR TABLE AND BUFFET GLASSWARE, FINE CHINA, ETC.—NAMELY, HIGHBALL GLASSES, COCKTAIL GLASSES, AND OTHER BEVERAGE GLASSES; BOTTLES, DECANTERS, MIXERS, SHAKERS, FLOWER VASES, BOWLS, CANDLESTICKS, CUPS, SAUCERS, AND PLATES.
Claims use since Nov. 6, 1934.

Reg. No. 323,940. Registered May 7, 1935. THE KOVA KNIT CO., New York, N. Y. Republished by Fidelity Machine Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

Lo-Jacs

FOR FABRIC COVERINGS FOR TABLE AND BUFFET GLASSWARE, FINE CHINA, ETC.—NAMELY, HIGHBALL GLASSES, COCKTAIL GLASSES, AND OTHER BEVERAGE GLASSES; BOTTLES, DECANTERS, MIXERS, SHAKERS, FLOWER VASES, BOWLS, CANDLESTICKS, CUPS, SAUCERS, AND PLATES.
Claims use since Dec. 28, 1934.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 416,924. Registered Oct. 2, 1945. CHARLES L. KING, New York, N. Y. Republished by registrant.

KING

FOR BILLFOLDS, PURSES, HANDBAGS, WALLETS, POCKETBOOKS, BRIEF CASES, TOILET CASES, CARD CASES, KEY CASES, CATALOGUE CASES, AND LUGGAGE AND PORTFOLIO STRAPS.
Claims use since May 15, 1945.

Reg. No. 416,925. Registered Oct. 2, 1945. CHARLES L. KING, New York, N. Y. Republished by registrant.

FOR BILLFOLDS, PURSES, HANDBAGS, WALLETS, POCKETBOOKS, BRIEF CASES, TOILET CASES, CARD CASES, KEY CASES, CATALOGUE CASES, AND LUGGAGE AND PORTFOLIO STRAPS.
Claims use since May 15, 1945.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 90,341. Registered Feb. 18, 1913. THE ANDREW JERGENS CO., Cincinnati, Ohio, and New York, N. Y. Republished by The Andrew Jergens Company, Cincinnati, Ohio, a corporation of Ohio.

FOR TOILET SOAPS.
Claims use since Sept. 1, 1912.

Reg. No. 131,900. Registered May 25, 1920. EASTERN FELT COMPANY, Winchester, Mass., a corporation of Massachusetts. Republished by registrant.

A

FOR FELT POLISHING-WHEELS.
Claims use since Apr. 12, 1919.

Reg. No. 148,823. Registered Nov. 29, 1921. EASTERN FELT COMPANY, Winchester, Mass., a corporation of Massachusetts. Republished by registrant.

INDEPENDENCE

FOR FELT POLISHING-WHEELS AND FELTS THEREFOR.
Claims use since 1898.

Reg. No. 165,568. Registered Mar. 13, 1923. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

DADDY

FOR TOILET SOAP.
Claims use since 1892.

Reg. No. 170,499. Registered July 17, 1923. E. REED BURNS MANUFACTURING CORP., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

TRIPLE E

FOR POLISHING COMPOSITIONS, IN THE FORM OF POWDER, PASTE, AND LIQUID, FOR METAL.
Claims use since Nov. 22, 1921.

Reg. No. 190,445. Registered Oct. 14, 1924. E. REED BURNS MFG. CORP., Brooklyn, N. Y., Chicago, Ill., and Cleveland, Ohio, a corporation of New York. Republished by registrant, present location Brooklyn, N. Y.

HIPOLIME

FOR POLISHING AND BUFFING COMPOUND FOR USE ON METALS, RUBBER AND CELLULOID.
Claims use since Nov. 5, 1923.

Reg. No. 195,133. Registered Feb. 17, 1925. EASTERN FELT COMPANY, Winchester, Mass., a corporation of Massachusetts. Republished by registrant.



FOR POLISHING WHEELS AND FELTS THEREFOR.
Claims use since January 1916.

Reg. No. 195,134. Registered Feb. 17, 1925. EASTERN FELT COMPANY, Winchester, Mass., a corporation of Massachusetts. Republished by registrant.



FOR POLISHING WHEELS AND FELTS THEREFOR.
Claims use since January 1916.

Reg. No. 195,135. Registered Feb. 17, 1925. EASTERN FELT COMPANY, Winchester, Mass., a corporation of Massachusetts. Republished by registrant.



FOR POLISHING WHEELS AND FELTS THEREFOR.
Claims use since January 1916.

Reg. No. 195,136. Registered Feb. 17, 1925. EASTERN FELT COMPANY, Winchester, Mass., a corporation of Massachusetts. Republished by registrant.



FOR POLISHING WHEELS AND FELTS THEREFOR.
Claims use since January 1916.

Reg. No. 218,727. Registered Oct. 5, 1926. OAKLEY CHEMICAL COMPANY, New York, N. Y., assignor to Oakite Products, Inc. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.



The trade-mark consists of a white band across a red colored rectangular field.
FOR GENERAL CLEANSING AND WASHING COMPOUND FOR PERSONAL USE, FOR USE IN THE KITCHEN AND HOUSEHOLD GENERALLY, AND FOR USE IN THE LAUNDRY, GARAGE, DAIRY, AND INDUSTRIAL PLANTS OF ALL KINDS.
Claims use since Feb. 2, 1909.

Reg. No. 234,061. Registered Oct. 18, 1927. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"Makes Life Easy"

FOR GENERAL CLEANSING AND WASHING COMPOUND FOR PERSONAL USE, FOR USE IN THE KITCHEN AND HOUSEHOLD GENERALLY, AND FOR USE IN THE LAUNDRY, GARAGE, DAIRY AND INDUSTRIAL PLANTS OF ALL KINDS.
Claims use since 1909.

Reg. No. 256,213. Registered May 7, 1929. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

TRAZITE

FOR CLEANING AND SCOURING COMPOUND FOR FLOORS, WALLS, BATHTUBS, SINKS, BASINS, REFRIGERATORS, STONE, CONCRETE, MARBLE, AND METAL.
Claims use since Dec. 6, 1928.

Reg. No. 261,313. Registered Sept. 17, 1929. E. REED BURNS MANUFACTURING CORPORATION, Brooklyn, N. Y., a corporation of New York. Republished by registrant.

GREEN THREAD BUFFS

The word "Buffs" is disclaimed apart from the mark as shown.
FOR BUFF WHEELS.
Claims use since Oct. 9, 1928.

Reg. No. 275,779. Registered Sept. 30, 1930. TOPP OIL & SUPPLY CO., Milwaukee, Wis. Republished by Topp Oil & Chemical Co., Milwaukee, Wis., a corporation of Wisconsin.

RED TOP

The drawing is lined to indicate the color red.
FOR LEMON HAND SOAP.
Claims use since June 10, 1927.

Reg. No. 318,802. Registered Nov. 6, 1934. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SATUROL

FOR CLEANSING COMPOUND USED AS AN INDUSTRIAL CLEANING MATERIAL FOR REMOVING DIRT AND OTHER FOREIGN SUBSTANCES FROM METAL SURFACES AND OTHER SURFACES AND FOR GENERAL CLEANING PURPOSES IN POWER PLANTS, DAIRIES AND THE LIKE, FOR WASHING TRUCKS, AUTOMOBILES, MOTOR PARTS AND FOR SIMILAR PURPOSES.
Claims use since Dec. 26, 1933.

Ser. No. 339,917. Registered Oct. 27, 1936. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

COLUMBIAN

FOR BONDED BODIES OR ARTICLES COMPOSED ESSENTIALLY OF VEGETABLE FIBRES, USED FOR BUFFING PURPOSES OR FOR SUPPORTING ABRASIVE MATERIALS.
Claims use since on or about May 6, 1935.

Reg. No. 357,504. Registered June 7, 1938. NATIONAL BROACH & MACHINE CO., Detroit, Mich., a corporation of Michigan. Republished by registrant.



The drawing is lined for the color red.
FOR BROACHING AND LAPPING COMPOUNDS.
Claims use since on or about Aug. 1, 1930.

Reg. No. 403,141. Registered Sept. 7, 1943. ARGO & COMPANY, Memphis, Tenn. Republished by Argo and Company, Inc., Memphis, Tenn., a corporation of Tennessee.

ARGO SHEEN

FOR CLEANER FOR WOODWORK, FURNITURE, UPHOLSTERY, RUGS, VENETIAN BLINDS, WINDOWS, MIRRORS, AND AUTOMOBILES.
Claims use since Jan. 25, 1943.

Reg. No. 417,925. Registered Nov. 20, 1945. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OAKITE

FOR CLEANING PREPARATIONS PUT UP IN POWDER, GRANULATED, LIQUID, SEMI-LIQUID OR PASTE FORM.
Claims use since Feb. 2, 1909.

Reg. No. 429,573. Registered May 6, 1947. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., and Wilmington, Del., a corporation of Delaware. Republished by registrant, present location Chicago, Ill.

B B C

FOR BOWLING BALL CLEANER.
Claims use since Oct. 4, 1945.

CLASS 5

ADHESIVES

Reg. No. 429,909. Registered May 20, 1947. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

BRUBALCOL

FOR RUBBER CEMENT.
Claims use since Oct. 19, 1946.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 60,395. Registered Feb. 5, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Republished by Stearns Electric Paste Co., Chicago, Ill., a co-partnership.

STEARNS'

FOR RAT AND ROACH EXTERMINATOR.
Claims use since about Jan. 1, 1878.

Reg. No. 60,396. Registered Feb. 5, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Republished by Stearns' Electric Paste Co., Chicago, Ill., a co-partnership.

ELECTRIC

FOR RAT AND ROACH EXTERMINATOR.
Claims use since about Jan. 1, 1878.

Reg. No. 61,655. Registered Apr. 2, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Republished by Stearns' Electric Paste Co., Chicago, Ill., a co-partnership.



FOR RAT AND ROACH EXTERMINATOR.
Claims use since about Jan. 1, 1878.

Reg. No. 63,294. Registered June 11, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Republished by Stearns' Electric Paste Co., Chicago, Ill., a co-partnership.



FOR RAT AND ROACH EXTERMINATOR.
Claims use since about Jan. 1, 1878.

Reg. No. 63,945. Registered July 16, 1907. STEARNS ELECTRIC PASTE CO., Buffalo, N. Y. Republished by Stearns' Electric Paste Co., Chicago, Ill., a firm.



FOR ANIMAL POISON.
Claims use since about July 1, 1893.

Reg. No. 86,819. Registered June 4, 1912. JOHN T. MORTON, Lynchburg, Va. Republished by Morton Manufacturing Corporation, Lynchburg, Va., a corporation of Virginia.

CHAP STICK

FOR MEDICINAL PREPARATION FOR CHAPPED SKIN, SUNBURN AND HANGNAILS.
Claims use since Jan. 1, 1890.

Reg. No. 112,426. Registered Sept. 5, 1916. THE ANDREW JERGENS CO., Cincinnati, Ohio, assignor to The Andrew Jergens Co., Cincinnati, Ohio, a corporation of Ohio. Republished by John H. Woodbury, Inc., Cincinnati, Ohio, a corporation of Ohio.



WOODBURY'S

FOR FACIAL CREAM, DENTAL CREAM, TOOTH POWDER, FACIAL POWDER AND TOILET POWDER.
Claims use since Jan. 1, 1891.

Reg. No. 127,424. Registered Nov. 11, 1919. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

BEN HUR

FOR PERFUMES AND TOILET WATERS.
Claims use since 1904.

Reg. No. 142,176. Registered May 3, 1921. GEORGE C. WILSON, Tyrone, Pa. Republished by The Wilson Chemical Company, Inc., Tyrone, Pa., a corporation of Delaware.

CLOVERINE

FOR LAXATIVE PILLS.
Claims use since May 6, 1903.

Reg. No. 183,824. Registered May 6, 1924. HART & CO., Elmira, N. Y. Republished by I. Putnam Incorporated, Elmira, N. Y., a corporation of New York.

KLUTCH

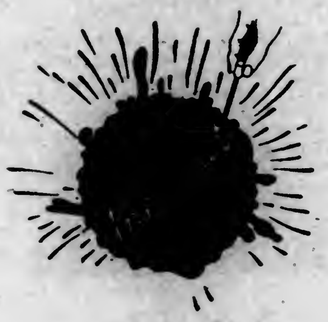
FOR PREPARATIONS FOR HOLDING FALSE TEETH IN PLACE.
Claims use since Oct. 8, 1923.

Reg. No. 191,553. Registered Nov. 11, 1924. JOHN D. CARDINELL, doing business as Cardinell-Sales Co., Montclair, N. J., assignor to Ink-Out Mfg. Co., Inc. Republished by Cardinell Corporation, Montclair, N. J., a corporation of New Jersey.

INK OUT

The words "Ink" and "Out" are disclaimed apart from the mark as shown.
FOR CHEMICAL PREPARATION FOR USE AS AN INK ERADICATOR.
Claims use since Nov. 8, 1923.

Reg. No. 196,780. Registered Mar. 31, 1925. INK-OUT MFG. CO., INC., Montclair, N. J. Republished by Cardinell Corporation, Montclair, N. J., a corporation of New Jersey.



FOR INK ERADICATOR.
Claims use since Mar. 27, 1924.

Reg. No. 209,870. Registered Mar. 2, 1926. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa., a corporation of Pennsylvania. Republished by registrant.



DR. WHITE'S

FOR COLD CREAM, BLOOD AND NERVE TONIC, PILLS USED FOR THE TREATMENT OF COLD AND GRIPPE, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Mar. 1, 1922.

Reg. No. 209,944. Registered Mar. 2, 1926. LONGO INSTANTANEOUS HAIR DYE, INC., New York, N. Y. Republished by Longo, Inc., New York, N. Y., a corporation of New York.



FOR HAIR DYE.
Claims use since 1914.

Reg. No. 212,229. Registered Apr. 27, 1926. THE INK-OUT MANUFACTURING COMPANY, INC., Montclair, N. J. Republished by Cardinell Corporation, Montclair, N. J., a corporation of New Jersey.

CARDINELL'S Eradio 2 in 1 ONE FLUID Eradicator

The words "Cardinell's, One Fluid Eradicator" are disclaimed apart from the mark as shown.
FOR FLUID INK ERADICATOR.
Claims use since Feb. 11, 1925.

Reg. No. 222,603. Registered Jan. 4, 1927. OAKLEY CHEMICAL COMPANY, New York, N. Y., assignor to Oakite Products, Inc., New York, N. Y., a corporation of New York. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.



The trade-mark consists of a white band across a red colored rectangular field.
FOR CHEMICAL CLEANSING AND WASHING COMPOUND FOR ALL PURPOSES, SAID COMPOUND HAVING CLEANING, DETERGENT, AND WATER-SOFTENING QUALITIES.
Claims use since Feb. 2, 1909.

Reg. No. 239,197. Registered Feb. 28, 1928. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

FLEUR D'OR

FOR PERFUMES AND TOILET CREAMS.
Claims use since 1910.

Reg. No. 249,419. Registered Nov. 13, 1928. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OAKITE

FOR CHEMICAL COMPOUND HAVING CLEANSING, DETERGENT, AND WATER-SOFTENING QUALITIES, RECOMMENDED FOR ALL CLEANSING, WASHING, AND POLISHING PURPOSES, PARTICULARLY FOR USE IN THE KITCHEN AND IN THE HOUSEHOLD GENERALLY, AND FOR USE IN LAUNDRIES, GARAGES, DAIRIES, AND INDUSTRIAL PLANTS OF ALL KINDS; ALSO RECOMMENDED FOR LUBRICATING HEAT ABSORBING, CUTTING, GRINDING, STAMPING, DRAWING, STRIPPING, ANTIRUSTING, AND NEUTRALIZING.
Claims use since Feb. 2, 1909.

Reg. No. 303,232. Registered May 16, 1933. EUGENE, LTD., New York, N. Y., a corporation of New York. Republished by registrant.

EZ SET

The word "Set" is disclaimed apart from the mark as shown.
FOR HAIR-WAVING SOLUTION.
Claims use since on or about Aug. 1, 1931.

Reg. No. 310,475. Registered Feb. 27, 1934. ARKWRIGHT MERCHANDISING CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

FRANCHETTE

FOR TOILET POWDER, PERFUME, TALCUM POWDER, LIP AND FACE ROUGE, AFTER SHAVING LOTION, HAND AND FACE CREAM, LIP STICK, NAIL POLISH, CUTICLE REMOVER, NAIL BLEACH, HAIR TONIC, SHAMPOO.
Claims use since Oct. 18, 1929.

Reg. No. 337,466. Registered Aug. 11, 1936. MICHAEL J. HOLLAND, doing business as Holland Specialty Company, Peoria, Ill. Republished by registrant.



FOR LIQUID CLEANSING PREPARATION FOR USE BY DENTISTS, AND USED IN REMOVING GREEN, BLACK VEGETABLE AND NICOTINE STAINS FROM THE TEETH.
Claims use since 1915.

Reg. No. 354,534. Registered Feb. 15, 1938. GEORGE E. KOBOLT, doing business as Artblend Cosmetic Studios, Chicago, Ill. Republished by registrant.

Artblend

FOR HAND CREAM, FACE POWDER, CUTICLE OIL, FACIAL MASQUE, CUTICLE CREAM, BRILLIANTINE, NAIL POLISH, NAIL BLEACH, CLEANSING CREAM, NAIL WHITE, ASTRINGENT, SKIN TONER, COMBINATION CREAM, LIQUEFYING CREAM, CUTICLE REMOVER, BLEACHING CREAM, NOURISHING CREAM, ACNE CREAM, AND ANTISEPTIC OIL.
Claims use since on or about June 1, 1931.

Reg. No. 372,172. Registered Oct. 24, 1939. VERITAS PRODUCTS COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Veritas

FOR VAGINAL CREAM.
Claims use since Sept. 18, 1935.

Reg. No. 382,418. Registered Oct. 29, 1940. REGINA KOKEMULLER, doing business as Gene Koke, Chicago, Ill. Republished by George E. Kobolt, doing business as Gene Koke and Tri-Vita Cosmetic Co., Chicago, Ill.

Tri-Vita

FOR SKIN CREAM AND SKIN OIL.
Claims use since Oct. 6, 1936.

Reg. No. 398,545. Registered Nov. 3, 1942. EUTECTIC WELDING ALLOYS, INC., New York, N. Y., assignor to Eutectic Welding Alloys Company. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

AUTOCHEMIC

FOR FLUXES IN SOLID OR IN POWDER FORM, PASTE OR LIQUID FORM FOR TREATING METALS BY BRAZING, SOLDERING, OR WELDING.
Claims use since October 1940.

Reg. No. 407,888. Registered July 4, 1944. KELCO COMPANY, San Diego, Calif., a corporation of Delaware. Republished by registrant.

KELCO

FOR ALGIN PRODUCT FOR USE AS AN HYDROPHILIC COLLOID POSSESSING STABILIZING, BODYING, FILM-FORMING, SUSPENDING, GEL-FORMING, EMULSIFYING AND WATER HOLDING PROPERTIES IN COSMETIC PREPARATIONS SUCH AS CREAMS AND LOTIONS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since about Feb. 1, 1930.

Reg. No. 409,290. Registered Oct. 3, 1944. CARL DIEDEL, New York, N. Y. Republished by Charlotte Diedel, North Pelham, N. Y.

DELTEX

FOR COSMETIC FOR THE TEMPORARY COLORATION OF THE HAIR.
Claims use since Jan. 2, 1942.

Reg. No. 417,070. Registered Oct. 16, 1945. GIBBS & COMPANY, Chicago, Ill. Republished by Models' Cosmetics Inc., Chicago, Ill., a corporation of Delaware.

MODELS' SPECIAL LIP-KIT

The words "Special Lip-Kit" are disclaimed apart from the mark as shown.
FOR FACIAL MAKE-UP, LIPSTICK, LIPROUGE, SALVE FOR THE LIPS, AND LIP PENCILS.
Claims use since Apr. 10, 1941.

Reg. No. 417,516. Registered Oct. 30, 1945. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMCLAD

FOR CORROSION INHIBITING COATING LIQUIDS FOR METAL SURFACES.
Claims use since Apr. 21, 1945.

Reg. No. 420,891. Registered May 7, 1946. LOUISIANA DRUG COMPANY, INC., Opelousas, La., a corporation of Louisiana. Republished by registrant.

FITOE

FOR MEDICINAL PREPARATION FOR THE RELIEF OF ATHLETE'S FOOT AND RINGWORM.
Claims use since June 14, 1934.

Reg. No. 423,367. Registered Aug. 27, 1946. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

EUTECHROM

FOR FLUXES EMPLOYED IN WELDING, BRAZING, SOLDERING AND HARD SURFACING OPERATIONS.
Claims use since Oct. 23, 1945.

Reg. No. 426,901. Registered Jan. 21, 1947. LEONARD J. NEARY, Los Angeles, Calif., assignor to David L. Truman. Republished by David L. Truman, Hollywood, Calif.

NUDE

FOR HAIR REMOVER COMPOSITION.
Claims use since May 7, 1940.

Reg. No. 433,255. Registered Sept. 30, 1947. AVON PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FAIRY TALE RED

The word "Red" is disclaimed apart from the mark as shown.
FOR LIPSTICKS, ROUGES AND NAIL POLISH.
Claims use since Sept. 19, 1946.

Reg. No. 433,256. Registered Sept. 30, 1947. AVON PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

STORY BOOK RED

The word "Red" is disclaimed apart from the mark as shown.
FOR LIPSTICKS, ROUGES AND NAIL POLISH.
Claims use since Sept. 19, 1946.

CLASS 7

CORDAGE

Reg. No. 83,717. Registered Oct. 10, 1911. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

REPUBLIC

FOR MANILA AND SISAL ROPE.
Claims use since May 1, 1911.

Reg. No. 84,727. Registered Jan. 2, 1912. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

REGAL

FOR MANILA AND SISAL ROPE.
Claims use since Aug. 14, 1911.

Reg. No. 86,755. Registered May 28, 1912. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

OCEANIC

FOR MANILA AND SISAL ROPE AND CORDAGE.
Claims use since Oct. 30, 1911.

Reg. No. 87,854. Registered Aug. 13, 1912. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

COROCO

FOR MANILA AND SISAL ROPE AND CORDAGE.
Claims use since Jan. 1, 1910.

Reg. No. 124,811. Registered Mar. 18, 1919. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

CLIMAX

FOR ROPE MANUFACTURED FROM VEGETABLE FIBER.
Claims use since Feb. 7, 1917.

Reg. No. 125,201. Registered Apr. 22, 1919. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

ALPINE

FOR TWINE.
Claims use since Sept. 20, 1918.

Reg. No. 125,202. Registered Apr. 22, 1919. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

REGENT

FOR TWINE.
Claims use since Sept. 11, 1918.

Reg. No. 125,775. Registered June 17, 1919. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

MONARCH

FOR ROPE, CORD, TWINE, ALL MANUFACTURED FROM VEGETABLE FIBER.
Claims use since Dec. 18, 1917.

Reg. No. 130,608. Registered May 4, 1920. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

BELLE STAR

FOR ROPE, CORD, AND TWINE ALL MANUFACTURED FROM VEGETABLE FIBER.
Claims use since Jan. 7, 1915.

Reg. No. 142,415. Registered May 17, 1921. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

BOND

FOR ROPE, CORD, AND TWINE ALL MANUFACTURED FROM VEGETABLE FIBER.
Claims use since about Dec. 1, 1913.

Reg. No. 142,475. Registered May 17, 1921. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

BANNER

FOR PLAIN LAID THREE OF FOUR STRAND ROPE MADE FROM MANILA, SISAL, OR ISTLE FIBRES OR A MIXTURE OF THESE.
Claims use since Jan. 6, 1920.

Reg. No. 153,142. Registered Mar. 14, 1922. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.

EMPIRE

FOR ROPE, TWINE, AND CORDAGE OF VEGETABLE FIBER.
Claims use since Sept. 17, 1910.

Reg. No. 243,736. Registered June 26, 1928. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.



The trade-mark consists of a single blue yarn and a red yarn on each side of the blue yarn, each red yarn separated from the blue yarn by a manila yarn all incorporated in and constituting a part of the strands of which the rope is formed. The representation of the rope is disclaimed.
FOR ROPE OF VEGETABLE FIBER.
Claims use since Jan. 28, 1928.

Reg. No. 299,530. Registered Dec. 6, 1932. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and Brooklyn, N. Y., a corporation of Massachusetts. Republished by registrant.

METEOR

FOR MANILA, HEMP, SISAL, AND OTHER VEGETABLE FIBRE ROPE.
Claims use since Jan. 2, 1932.

Reg. No. 327,211. Registered Aug. 20, 1935. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.



FOR ROPE, CORD, AND TWINE OF VEGETABLE FIBER.
Claims use since Feb. 7, 1928.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 56,280. Registered Sept. 4, 1906. THE MARLIN FIRE ARMS COMPANY, New Haven, Conn. Republished by The Marlin Firearms Company, New Haven, Conn., a corporation of Connecticut.

M. F. A. Co.

FOR SHOTGUNS, RIFLES, AND PISTOLS.
Claims use since 1881.

Reg. No. 217,646. Registered Sept. 7, 1926. JOSTAM MANUFACTURING CO., Chicago, Ill. Republished by Jostam Manufacturing Co. (1946), Peotone, Ill., a firm.

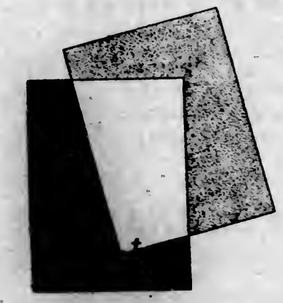
HY-GUN

FOR RECOIL PADS FOR GUNSTOCKS.
Claims use since Feb. 26, 1926.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 352,179. Registered Nov. 23, 1937. HORDER'S, INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The words "Shade-Tone" are disclaimed apart from the mark as shown.
FOR TYPEWRITER RIBBONS AND CARBON PAPERS.
Claims use since June 21, 1935.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 112,465. Registered Sept. 12, 1916. BASIC PRODUCTS COMPANY, Kenova, W. Va. Republished by Basic Refractories, Inc., Cleveland, Ohio, a corporation of Ohio.

SYNDOLAG

FOR REFRACTORY MATERIALS FOR FURNACE-LININGS, AND SIMILAR PURPOSES.
Claims use since on or about January 1916.

Reg. No. 119,178. Registered Oct. 30, 1917. THE DOLOMITE PRODUCTS COMPANY, Cleveland, Ohio. Republished by Basic Refractories, Incorporated, Cleveland, Ohio, a corporation of Ohio.

MAGNEFER

FOR REFRACTORY MATERIALS FOR FURNACE LININGS AND THE LIKE.
Claims use since Apr. 15, 1916.

Reg. No. 275,137. Registered Sept. 16, 1930. ASH GROVE LIME & PORTLAND CEMENT COMPANY, Kansas City, Mo., a corporation of Maine. Republished by registrant.

ASH GROVE

FOR LIME AND CEMENT.
Claims use since 1881.

Reg. No. 291,227. Registered Feb. 2, 1932. CANADIAN REFRACTORIES LIMITED, Montreal, Quebec, Canada. Republished by Basic Refractories, Inc., Cleveland, Ohio, a corporation of Ohio.

BASIFRIT

FOR REFRACTORY CEMENT FOR LINING FURNACES OR LADLES OR FOR SIMILAR PURPOSES, MORTAR AND BRICK.
Claims use since Feb. 25, 1931.

Reg. No. 332,078. Registered Feb. 4, 1936. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

NULSONASTIC

FOR ASPHALT OR TAR EMULSION MATERIALS IN BOTH LIQUID AND SEMI-LIQUID FORM, USED FOR FLOOR RESURFACING, ROOF TREATMENT AND WATERPROOFING.
Claims use since April 1928.

Reg. No. 351,473. Registered Nov. 2, 1937. DEWEY PORTLAND CEMENT COMPANY, Kansas City, Mo., a corporation of West Virginia. Republished by registrant.



The words "Fibred Cement" are disclaimed apart from the mark as shown.
FOR PORTLAND CEMENT.
Claims use since Oct. 22, 1936.

Reg. No. 397,836. Registered Sept. 22, 1942. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMSEAL

FOR SURFACE COATING MATERIAL FOR SEALING PURPOSES TO PREVENT BLEEDING OF ASPHALT, TAR, SAPPY WOOD, OIL SOLUBLE REDS OR STAINS, ETC.
Claims use since Jan. 26, 1942.

Reg. No. 429,463. Registered Apr. 29, 1947. BASIC REFRACTORIES, INC., Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

RAMSET

FOR REFRACTORY MATERIALS SUITABLE FOR FURNACE LINING AND REPAIRING.
Claims use since Aug. 28, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 120,992. Registered Mar. 19, 1918. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Republished by The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania.

N.S.CO

FOR METAL PLUGS FOR DRY OIL AND GAS WELLS, METAL PIPE, PIPE-COUPLINGS, PIPE-REDUCERS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since the year 1900.

Reg. No. 161,644. Registered Nov. 14, 1922. THE STRONG, CARLISLE & HAMMOND COMPANY, Cleveland, Ohio. Republished by Strong, Carlisle & Hammond Company, Cleveland, Ohio, a corporation of Illinois.

ANUM-METL

FOR STEAM SPECIALTIES, COMPRISING THE VALVES AND SEATS AND OTHER WEARING PARTS OF STEAM TRAPS, VACUUM TRAPS, STEAM AND OIL SEPARATORS, REDUCING VALVES, AND FEED-WATER REGULATORS.
Claims use since Oct. 8, 1921.

Reg. No. 257,033. Registered May 28, 1929. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for shading only.
FOR CORD PLUGS FOR CLEANING CONDENSER TUBES.
Claims use since March 1925.

Reg. No. 318,299. Registered Oct. 23, 1934. FOSTER L. TALGE, doing business as Rival Manufacturing Company, Kansas City, Mo. Republished by Rival Manufacturing Company, Kansas City, Mo., a corporation of Missouri.



FOR ALUMINUM CULINARY UTENSILS—NAMELY, POTS, PANS, PLATTERS, BROILERS, TRAYS, STEINS, TEA KETTLES, PATTY MOLDS, COOKIE MOLDS, DOUGHNUT MOLDS, CHEESE BOARDS.
Claims use since August 1932.

Reg. No. 333,389. Registered Mar. 17, 1936. ROBERT H. WAGER, New York, N. Y. Republished by registrant.

B.K.W.

FOR INVERTED VENT CHECK VALVES.
Claims use since March 1931.

Reg. No. 426,269. Registered Dec. 24, 1946. STRONG, CARLISLE & HAMMOND COMPANY, Cleveland, Ohio, a corporation of Illinois. Republished by registrant.

HI-CAP

FOR VALVE AND SEAT ASSEMBLIES FOR STEAM TRAPS.
Claims use since Aug. 10, 1945.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 311,490. Registered Mar. 27, 1934. GENERAL STEEL CASTINGS CORPORATION, Ridley Township, Delaware County, Pa., a corporation of Delaware. Republished by registrant.



FOR ROUGH AND SEMI-FINISHED METAL CASTINGS AND FORGINGS OF FERROUS METALS, BRASS AND LEAD.
Claims use since on or about Jan. 7, 1933.

Reg. No. 416,971. Registered Oct. 9, 1945. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

FLOTECTIC

FOR WELDING ELECTRODES, WHICH ARE CONSUMED IN THE WELDING OPERATION, WELDING, BRAZING AND SOLDERING OVERLAY ALLOYS IN THE FORM OF RODS AND WIRES, EITHER BARE OR COATED WITH FLUX SUBSTANCE FOR USE IN CONNECTION WITH OXY-ACETYLENE TORCHES, WITH ELECTRIC HEATING AND CARBON-ARC DEVICES.
Claims use since Jan. 31, 1945.

Reg. No. 428,270. Registered Mar. 18, 1947. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

EUTALLOY

FOR ALLOYS IN VARIOUS FORMS SUITABLE FOR WELDING, BRAZING, SOLDERING AND HARD SURFACING OPERATIONS.
Claims use since Feb. 10, 1946.

CLASS 15

OILS AND GREASES

Reg. No. 132,165. Registered June 15, 1920. WALTER H. HART, Philadelphia, Pa. Republished by Arthur H. Thomas Company, Philadelphia, Pa., a corporation of Pennsylvania.

LUBRISEAL

FOR GREASE FOR STOPCOCKS AND THE LIKE.
Claims use since on or about Oct. 15, 1919.

Reg. No. 158,906. Registered Sept. 19, 1922. R. J. BROWN PETROLEUM COMPANY, St. Louis, Mo. Republished by The R. J. Brown Company, St. Louis, Mo., a corporation of Missouri.

BRONOCO

FOR NAPHTHA AND LUBRICATING OILS AND GREASES.
Claims use since Jan. 15, 1920.

Reg. No. 198,316. Registered May 12, 1925. MARQUETTE PETROLEUM PRODUCTS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

MARQUETTE

FOR LUBRICATING OILS.
Claims use since Aug. 1, 1924.

Reg. No. 201,328. Registered July 21, 1925. GRACE B. CARRAN, doing business as Central Petroleum Company, Cleveland, Ohio. Republished by Central Petroleum Company, Cleveland, Ohio, a corporation of Ohio.

CEN-PE-CO

FOR LUBRICATING OILS AND GREASES.
Claims use since Oct. 1, 1924.

Reg. No. 418,060. Registered Nov. 27, 1945. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OAKITE

FOR SOLUBLE OILS INTENDED FOR USE IN CUTTING, GRINDING, STAMPING, AND SIMULAR MACHINE OPERATIONS, IN HYDRAULIC SYSTEMS, AND IN INDUSTRIAL PLANTS GENERALLY, REQUIRING THE USE OF LUBRICATING AND RUST PREVENTING OILS AND GREASES.
Claims use since June 1938.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 270,849. Registered May 13, 1930. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREMCO

FOR PAINT AND PAINTERS' MATERIALS—NAMELY, PAINTS IN DRY, PASTE AND READY-MIXED FORM; PAINT ENAMELS, VARNISHES, LACQUERS, PAINT AND VARNISH REMOVERS, DRIERS, PASTE AND LIQUID FILLERS, GLOSS VARNISH OIL, FLATTING VARNISH OIL, AND JAPANS.
Claims use since Mar. 1, 1928.

Reg. No. 277,192. Registered Nov. 11, 1930. THE CHICAGO MICA COMPANY, Valparaiso, Ind., assignor to Continental Diamond Fibre Company. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

POLYLAC

FOR VARNISH.
Claims use since August 1929.

Reg. No. 418,382. Registered Dec. 18, 1945. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TREM-TRED

FOR PROTECTIVE FLOOR COATINGS IN LIQUID FORM FOR THE WATERPROOFING AND THE PRESERVING OF FLOOR SURFACES AND THE LIKE.
Claims use since May 9, 1945.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 405,109. Registered Jan. 11, 1944. THE P. A. GRIER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

REX

FOR ELECTRICALLY OPERATED SUCTION CLEANERS AND PARTS THEREOF AND ATTACHMENTS AND ACCESSORIES THEREFOR.
Claims use since May 18, 1939.

Reg. No. 413,460. Registered Apr. 24, 1945. ASSOCIATED PROJECTS CO., Columbus, Ohio, a corporation of Ohio. Republished by registrant.

LUMINITE

FOR ELECTRICALLY LIGHTED WALL SWITCH PLATE.
Claims use since Oct. 19, 1944.

Reg. No. 423,464. Registered Sept. 3, 1946. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OAKITE

FOR METAL PLATES TO BE USED IN CONNECTION WITH CLEANING SOLUTIONS TO AID BY ELECTROLYTIC METHOD IN CLEANING, RESTORING LUSTRE TO, REMOVING TARNISH FROM AND ELIMINATING THE NECESSITY OF BURNISHING, STERLING SILVERWARE AND PLATED SILVERWARE.
Claims use since 1928.

Reg. No. 427,414. Registered Feb. 11, 1947. ARKWRIGHT, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.

STRAT-O-MASTER
BY ARKWRIGHT

The words "Arkwright" and "By" are disclaimed apart from the mark as shown.
FOR RADIO RECEIVING SETS AND PARTS THEREOF.
Claims use since Sept. 10, 1945.

Reg. No. 430,166. Registered June 10, 1947. THE SHEPARD ELEVATOR COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

S-P-D

FOR ELEVATOR PARTS—NAMELY, LIMIT SWITCHES AND GATE SWITCHES.
Claims use since 1936.

Reg. No. 433,114. Registered Sept. 23, 1947. ELECTRA MANUFACTURING COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Criterion

FOR VOLTAGE REGULATORS, HEAD LIGHT RELAYS, HORN RELAYS, GENERATOR CUTOUTS, DIMMER SWITCHES.
Claims use since 1935.

Reg. No. 433,122. Registered Sept. 23, 1947. THE VENDO COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

THE Vendo

FOR COMBINATION MECHANICALLY AND ELECTRICALLY OPERATED DOOR OPENING MECHANISM.
Claims use since Dec. 4, 1946.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 132,902. Registered July 6, 1920. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Wilmington, Del., and Chicago, Ill., a corporation of Delaware. Republished by registrant, present address Chicago, Ill.

MINERALITE

FOR BOWLING BALLS.
Claims use since October 1905.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 85,816. Registered Mar. 19, 1912. THE HOLT MANUFACTURING COMPANY, Stockton, Calif. Republished by Caterpillar Tractor Co., Peoria, Ill., a corporation of California.

CATERPILLAR

FOR GASOLENE AND TRACTION ENGINES, AND ROAD WORKING MACHINES.
Claims use since Sept. 1, 1904.

Reg. No. 140,773. Registered Mar. 29, 1921. THE CINCINNATI TOOL COMPANY, Norwood, Ohio, a corporation of Ohio. Republished by registrant.

STANDARD

FOR HAND-CLAMPS.
Claims use since 1886.

Reg. No. 147,287. Registered Oct. 11, 1921. CONTINENTAL GIN COMPANY, Birmingham, Ala., a corporation of Delaware. Republished by registrant.

CONTINENTAL

FOR COTTON GINS AND DISTRIBUTERS, LINT FLUES, AND BATTERY CONDENSERS FOR COTTON GINS, AND COTTON PRESSES.
Claims use since 1900.

Reg. No. 179,317. Registered Feb. 5, 1924. FARREL FOUNDRY & MACHINE COMPANY, Ansonia, Conn., and Buffalo, N. Y. Republished by Farrel-Birmingham Company, Incorporated, Ansonia, Conn., and Buffalo, N. Y., a corporation of Connecticut.

FARREL

The representation of the meshing double helical gear wheel and pinion, and the legend "U. S. Pat. Office" are disclaimed apart from the mark as shown.
FOR GEAR-CUTTING MACHINES AND PARTS THEREOF, PINION-TOOTHED GEAR CUTTERS, GEARING, GEAR WHEELS, AND GEAR PINIONS.
Claims use since on or about May 15, 1923.

Reg. No. 198,624. Registered May 19, 1925. CONTINENTAL GIN COMPANY, Birmingham, Ala., a corporation of Delaware. Republished by registrant.

CGC

FOR OIL ENGINES.
Claims use since Aug. 9, 1924.

Reg. No. 223,872. Registered Feb. 15, 1927. YATES-AMERICAN MACHINE COMPANY, Beloit, Wis., and Rochester, N. Y., a corporation of Delaware. Republished by registrant, present address Beloit, Wis.



THE SEAL OF QUALITY

The words "Trade-Mark," "Yates-American," also the representation of a band saw and parts of machinery are disclaimed apart from the mark as shown.

FOR WOODWORKING MACHINES—NAMELY, BAND SAWS, BORING MACHINES, BUZZ PLANERS, CARVING MACHINES, CIRCULAR-SAW BENCHES, DOOR CLAMPS, DOOR STICKERS, MOLDERS, PLANERS AND MATCHERS, KNIFE-GRINDING MACHINES, LATHES, MORTISERS, SANDERS, SHAPERS, TENONERS, UNIVERSAL SAW BENCHES AND VARIETY SAW BENCHES.

Claims use since Mar. 27, 1926.

Reg. No. 224,283. Registered Feb. 22, 1927. CONTINENTAL GIN COMPANY, Birmingham, Ala., Atlanta, Ga., Dallas, Tex., and Prattville, Ala., a corporation of Delaware. Republished by registrant, present address Birmingham, Ala.



FOR COTTON GINS, COTTONSEED LINTERS, FEEDERS AND CONDENSERS FOR GINS AND LINTERS, AND COTTON CLEANERS.

Claims use since 1877.

Reg. No. 224,284. Registered Feb. 22, 1927. CONTINENTAL GIN COMPANY, Birmingham, Ala., Atlanta, Ga., Dallas, Tex., and Prattville, Ala., a corporation of Delaware. Republished by registrant, present address Birmingham, Ala.

EAGLE

FOR COTTON GINS, COTTONSEED LINTERS, FEEDERS AND CONDENSERS FOR GINS AND LINTERS, AND COTTON CLEANERS.

Claims use since 1877.

Reg. No. 252,457. Registered Feb. 5, 1929. YATES-AMERICAN MACHINE COMPANY, Beloit, Wis., a corporation of Delaware. Republished by registrant.

TRIPLE C KNIVES

The word "Knives" is disclaimed apart from the mark as shown.

FOR KNIVES FOR WOODWORKING MACHINES.

Claims use since Aug. 16, 1928.

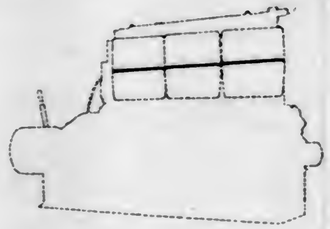
Reg. No. 283,120. Registered May 19, 1931. CLIMAX ENGINEERING COMPANY, Clinton, Iowa. Republished by Climax Industries, Inc., Clinton, Iowa, a corporation of Delaware.

Blue Streak

FOR INTERNAL-COMBUSTION ENGINES.

Claims use since Aug. 30, 1930.

Reg. No. 283,205. Registered May 19, 1931. CLIMAX ENGINEERING COMPANY, Clinton, Iowa. Republished by Climax Industries, Inc., Clinton, Iowa, a corporation of Delaware.



The lining in the drawing indicates the color blue.

FOR INTERNAL-COMBUSTION ENGINES.

Claims use since Oct. 17, 1928.

Reg. No. 294,181. Registered May 24, 1932. THE CINCINNATI TOOL COMPANY, Norwood, Ohio, a corporation of Ohio. Republished by registrant.

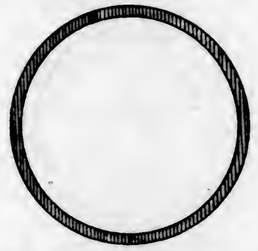
SUPERCLAMP

The word "Clamp" is disclaimed apart from the mark as shown.

FOR CLAMPS.

Claims use since June 12, 1931.

Reg. No. 356,074. Registered Apr. 12, 1938. NATIONAL BROACH & MACHINE CO., Detroit, Mich., a corporation of Michigan. Republished by registrant.



The drawing is lined for the color red.

FOR GEAR MANUFACTURING EQUIPMENT—NAMELY, MACHINES FOR FINISHING, SHAVING, LAPPING, AND CHECKING GEARS; BROACHING TOOLS AND MACHINES, SPLINE GRINDERS; FLAT SEAL FACE GRINDING MACHINES; GEAR TOOTH FORM GRINDERS; GEAR TOOTH SHAPER CUTTERS, FORM AND SHAVING TOOLS FOR GEARS, LAPPING TOOLS, AND HOLDERS THEREFOR.

Claims use since on or about Apr. 26, 1924.

Reg. No. 380,006. Registered Aug. 6, 1940. STEPHENS-ADAMSON MFG. CO., Aurora, Ill., a corporation of Illinois. Republished by registrant.

SEALMASTER

FOR ANTI-FRICTION BEARINGS AND BEARING SEALS.

Claims use since Jan. 4, 1938.

Reg. No. 386,556. Registered Apr. 15, 1941. ARTHUR L. JOHNSON, doing business as Hexacon Electric Company, Roselle Park, N. J. Republished by registrant.

SOLDER MASTER

The word "Solder" is disclaimed apart from the mark as shown.

FOR ELECTRIC SOLDERING IRONS.

Claims use since June 1, 1933.

Reg. No. 396,112. Registered June 30, 1942. LE ROI COMPANY, West Allis, Wis., a corporation of Wisconsin. Republished by registrant.

ECONOTROL

FOR AUTOMATIC REGULATORS FOR CONTROLLING THE SPEED OF ENGINE DRIVEN COMPRESSORS OR PUMPS.

Claims use since about Sept. 20, 1941.

Reg. No. 398,387. Registered Oct. 27, 1942. LE ROI COMPANY, West Allis, Wis., a corporation of Wisconsin. Republished by registrant.

CENTAUR

FOR TRACTORS, PLOWS, CULTIVATORS, HARROWS, SEEDERS, HOES, DIGGERS, HILLERS, MOWERS, LEVELERS, SPRAYERS, PLANTERS, TRACTOR HITCHES, FERTILIZER SPREADERS, VINE GUARDS, AND PARTS THEREOF AND ATTACHMENTS THEREFOR.

Claims use since Mar. 3, 1921.

Reg. No. 405,591. Registered Feb. 8, 1944. CLIMAX ENGINEERING COMPANY, Clinton, Iowa. Republished by Climax Industries, Inc., Clinton, Iowa, a corporation of Delaware.

CLIMAX

FOR OIL FIELD DRILLING UNITS AND PUMPING UNITS.

Claims use since June 1925.

Reg. No. 410,502. Registered Nov. 28, 1944. LE ROI COMPANY, West Allis, Wis., a corporation of Wisconsin. Republished by registrant.



FOR INTERNAL COMBUSTION ENGINES, AIR OR GAS COMPRESSORS, AND PARTS THEREOF.

Claims use since on or about Apr. 24, 1944.

Reg. No. 412,785. Registered Mar. 27, 1945. LE ROI COMPANY, West Allis, Wis., a corporation of Wisconsin. Republished by registrant.



LE ROI

FOR INTERNAL COMBUSTION ENGINES, AIR OR GAS COMPRESSORS, AND PARTS THEREOF.

Claims use since on or about Apr. 24, 1944.

Reg. No. 415,198. Registered July 31, 1945. THE SALVAJOR COMPANY, Kansas City, Mo., a firm. Republished by registrant.

SALVAJOR

FOR TABLEWARE CLEANING AND SALVAGING MACHINES FOR USE IN CLEANING DISHES, KNIVES, FORKS, SPOONS, ETC., OF ADHERING AND/OR ACCOMPANYING GARBAGE MATTER, AND HAVING A RECEPTACLE FOR THE LATTER, AND A TRAP THROUGH WHICH THE GARBAGE IS ADAPTED TO PASS ON ITS WAY TO SAID RECEPTACLE, FOR RETAINING AND PREVENTING THE LOSS OF SMALL TABLEWARE ARTICLES, SUCH AS THOSE LISTED ABOVE AND BUTTER PLATES, COASTERS AND THE LIKE, WHICH MAY BE MINGLED WITH THE GARBAGE ON THE PASSAGE OF THE SAME THROUGH SAID TRAP TO THE SAID RECEPTACLES.
Claims use since Oct. 30, 1943.

Reg. No. 419,922. Registered Mar. 12, 1946. RIVAL MANUFACTURING COMPANY, Kansas City, Mo. Republished by Rival Manufacturing Company, Kansas City, Mo., a corporation of Missouri.

Can-O-Mat

The word "Can" is disclaimed apart from the mark as shown.
FOR CAN OPENERS.
Claims use since July 5, 1945.

Reg. No. 422,185. Registered July 9, 1946. RIVAL MANUFACTURING COMPANY, Kansas City, Mo., assignor to Rival Manufacturing Company, Kansas City, Mo., a corporation of Missouri. Republished by Rival Manufacturing Company, Kansas City, Mo., a corporation of Missouri.

Ice-O-Mat

The word "Ice" is disclaimed apart from the mark as shown.
FOR ICE CRUSHERS.
Claims use since May 31, 1939.

Reg. No. 422,191. Registered July 9, 1946. JABSCO PUMP COMPANY, Beverly Hills, Calif., a firm. Republished by registrant, present address Burbank, Calif.

JABSCO
THE PUMP WITH THE RUBBER IMPELLER

The representation of the goods and the words "The Pump With the Rubber Impeller" are disclaimed apart from the mark as shown.
FOR WATER PUMPS.
Claims use since May 1, 1945.

Reg. No. 422,642. Registered Aug. 6, 1946. FARREL-BIRMINGHAM COMPANY, INCORPORATED, Ansonia, Conn., a corporation of Connecticut. Republished by registrant.

FB

FOR HYDRAULIC RUBBER PRESSES, HOSE-MAKING MACHINES, RUBBER CALENDERS, RUBBER MIXERS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION, EXCEPT, HAND-SCREW PRESSES FOR RUBBER MANUFACTURE, ALLIGATOR SHEARS FOR ROLLING MILLS, AND FRICTION CLUTCHES.
Claims use since on or about July 1, 1932.

Reg. No. 426,836. Registered Jan. 14, 1947. M. E. CUNNINGHAM COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

UTILITY

FOR DIE HOLDERS FOR METAL EMBOSSING AND COUNTERSINKING DIES.
Claims use since Oct. 15, 1945.

Reg. No. 428,167. Registered Mar. 11, 1947. THE ARO EQUIPMENT CORPORATION, Bryan, Ohio, a corporation of Ohio. Republished by registrant.

ARO

FOR AUTOMOTIVE AND INDUSTRIAL LUBRICATING EQUIPMENT—NAMELY, CABINET TYPE LUBRICATORS, STATIONARY LUBRICANT SYSTEMS, LUBRICANT PUMPS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Mar. 15, 1946.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 338,437. Registered Sept. 8, 1936. FRANK P. SCULLY, doing business as Scully Signal Company, Cambridge, Mass. Republished by Scully Signal Company, Cambridge, Mass., a corporation of Massachusetts.

VENTALARM

FOR LIQUID LEVEL INDICATORS FOR LIQUID FUEL TANKS AND THE LIKE.
Claims use since Nov. 8, 1935.

Reg. No. 356,472. Registered Apr. 26, 1938. NATIONAL BROACH & MACHINE CO., Detroit, Mich., a corporation of Michigan. Republished by registrant.

RED RING

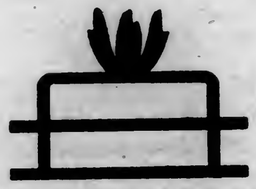
The drawing is lined for the color red.
FOR GAUGES AND MACHINES FOR SOUND TESTING GEARS.
Claims use since on or about Apr. 26, 1924.

Reg. No. 364,852. Registered Feb. 14, 1939. BACHARACH INDUSTRIAL INSTRUMENT COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

PREMAX

FOR ENGINE PRESSURE INDICATORS.
Claims use since Feb. 28, 1938.

Reg. No. 375,717. Registered Feb. 27, 1940. BACHARACH INDUSTRIAL INSTRUMENT COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR DRAFT GAUGES, PORTABLE GAUGE ANALYZERS, AND THERMOMETERS.
Claims use since Oct. 26, 1935.

Reg. No. 388,439. Registered June 24, 1941. SCULLY SIGNAL COMPANY, East Cambridge, Mass., a Massachusetts corporation. Republished by registrant, present address Cambridge, Mass.

GAJALARM

FOR LIQUID LEVEL INDICATORS FOR LIQUID FUEL TANKS AND THE LIKE.
Claims use since Jan. 16, 1941.

Reg. No. 423,226. Registered Aug. 27, 1946. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OAKITE

FOR ELECTRICALLY OPERATED APPARATUS FOR MEASURING AND INDICATING THE CONCENTRATION OF CLEANING SOLUTIONS USED IN MECHANICAL WASHING EQUIPMENT, AUTOMATIC RELATIVE-GRAVITY CONTROLLER REGULATORS FOR CONTROLLING EFFECTIVE CLEANING CONDITION OF SOLUTIONS USED IN MILK-CAN WASHING, DISH-WASHING, METAL-WASHING AND SIMILAR MECHANICAL WASHING EQUIPMENT; SCOOP MEASURES, HEAT CLEAN METERS, TITRATING APPARATUS, BACTERICIDE TEST-SETS AND MEASURES, AND PARTS OF AND ACCESSORIES FOR ALL SUCH ARTICLES.
Claims use since August 1931.

Reg. No. 423,466. Registered Sept. 3, 1946. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

OAKOMETER

FOR ELECTRICALLY OPERATED APPARATUS FOR MEASURING AND INDICATING THE CONCENTRATION OF CLEANING SOLUTIONS USED IN MECHANICAL WASHING EQUIPMENT.
Claims use since 1940.

CLASS 27

HOROLOGICAL INSTRUMENTS

Reg. No. 347,721. Registered July 6, 1937. E. M. ROSENTHAL JEWELRY CO., Washington, D. C., a corporation of the District of Columbia. Republished by registrant.

PAUL BREGUETTE

FOR WATCHES.
Claims use since Nov. 14, 1936.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 264,495. Registered Nov. 26, 1929. E. M. ROSENTHAL JEWELRY COMPANY, Washington, D. C., a corporation of the District of Columbia. Republished by registrant.

TRU-HEART

FOR FINGER RINGS.
Claims use since June 1, 1929.

Reg. No. 384,101. Registered Jan. 7, 1941. SCHEIN BROTHERS, INC., New York, N. Y. Republished by Schein Brothers, New York, N. Y., a firm.

Lady Claire

FOR COSTUME JEWELRY FOR PERSONAL WEAR OR ADORNMENT, MADE OF BASE METALS, NOT INCLUDING WATCHES.
Claims use since Feb. 20, 1940.

Reg. No. 431,500. Registered June 22, 1947. SPENDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

MISS

MIGNON

FOR CHILDREN'S JEWELRY—NAMELY, BRACELETS, NECKLACES, AND LOCKETS.
Claims use since Aug. 29, 1946.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 432,690. Registered Sept. 9, 1947. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

BLUE FLASH

FOR ELECTRICALLY OPERATED REFRIGERATORS FOR HOME AND COMMERCIAL USE.
Claims use since Dec. 13, 1945.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 253,527. Registered Feb. 26, 1929. CLAUDE SINTZ, Detroit, Mich. Republished by registrant.

Tusco

FOR SEWING-MACHINE, TYPEWRITER, ADDING-MACHINE, AND SIMILAR STANDS FOR USE WITH OR IN SUPPORTING SUCH MACHINES, BUT NOT A PART THEREOF, MADE PARTIALLY OR WHOLLY FROM STEEL TUBING.
Claims use since Dec. 31, 1927.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 321,714. Registered Feb. 12, 1935. THE HEIL CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



The words "Uniform Heat" are disclaimed apart from the mark as shown. Also, the mark reveals soldiers in red uniforms on a gold background, but no claim is made to this particular color scheme.
FOR OIL BURNING HEATING BOILERS AND FURNACES FOR BUILDING HEATING PURPOSES, AND OIL BURNERS.
Claims use since July 20, 1934.

Reg. No. 424,636. Registered Oct. 15, 1946. THE VEMCO COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

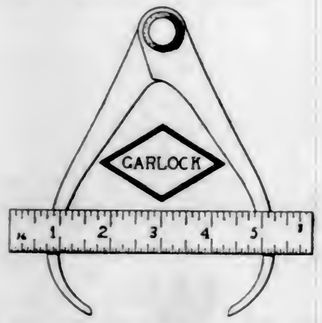
STEAM-ZONE

The word "Steam" is disclaimed apart from the mark as shown.
FOR COOK STOVES EMPLOYING GAS OR ELECTRICITY AS HEATING MEDIA, AND STERILIZING CABINETS FOR KITCHEN USE.
Claims use since Jan. 14, 1946.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 48,356. Registered Dec. 26, 1905. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



FOR RUBBER COMPOSITION ROD AND JOINT PACKING.
Claims use since about Feb. 15, 1901.

Reg. No. 75,735. Registered Nov. 9, 1909. TURNER BROS. LTD., Rochdale, England. Republished by Keasbey & Mattison Company, Ambler, Pa., a corporation of Pennsylvania.

PERMANITE

FOR PACKING AND JOINTING MATERIALS MADE OF ASBESTOS, FLAX, HEMP, RUBBER, BALATA, GUTTAPERCHA, METAL, OR OTHER SUBSTANCES, SINGLY OR IN COMBINATION WITH ONE OR MORE OF THE OTHERS.
Claims use since about 1905.

Reg. No. 184,261. Registered May 20, 1924. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

GARLOCK

FOR PACKING AND PACKING MATERIAL MADE WHOLLY OF OR FROM VARIOUS COMBINATIONS OF ASBESTOS, RUBBER, COTTON, FLAX, COPPER, LEAD, IRON, AND BABBITT.
Claims use since 1883.

Reg. No. 265,849. Registered Jan. 7, 1930. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



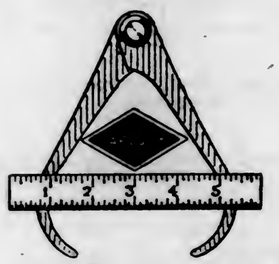
The drawing is not lined for color. The words "Garlock," "The Garlock Packing Co." and "Garlock 377" are disclaimed apart from the mark as shown.
FOR PACKING AND PACKING MATERIAL MADE WHOLLY OF OR FROM VARIOUS COMBINATIONS OF ASBESTOS, RUBBER, COTTON, FLAX, COPPER, LEAD, IRON, AND BABBITT.
Claims use since Oct. 24, 1925.

Reg. No. 356,210. Registered Apr. 19, 1938. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.

GARLOCK

FOR LEATHER PACKINGS, CUPS, WASHERS, GASKETS, AND DISCS.
Claims use since August 1936.

Reg. No. 356,556. Registered May 3, 1938. THE GARLOCK PACKING COMPANY, Palmyra, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for shading only.
FOR LEATHER PACKINGS, CUPS, WASHERS, GASKETS, AND DISCS.
Claims use since August 1936.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 297,750. Registered Sept. 27, 1932. AVEDIS ZILDJIAN CO., Norfolk Downs, Mass., a corporation of Massachusetts. Republished by registrant, present address Quincy, Mass.

ZILCO

FOR CYMBALS.
Claims use since Dec. 29, 1930.

Reg. No. 373,674. Registered Dec. 19, 1939. AVEDIS ZILDJIAN CO., Norfolk Downs, Mass., a corporation of Massachusetts. Republished by registrant, present address Quincy, Mass.



The notations "Vienna Bologna 1888, Chicago 1873–1893, Paris 1851, London 1851, London 1862, Boston 1899" are hereby disclaimed apart from the mark as shown.
FOR CYMBALS.
Claims use since September 1929.

CLASS 37

PAPER AND STATIONERY

Reg. No. 44,816. Registered July 25, 1905. A. KIMBALL COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

EMPIRE

FOR PIN TICKETS, TAGS, AND LABELS.
Claims use since 1886.

Reg. No. 45,277. Registered Aug. 8, 1905. A. KIMBALL COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

O K

FOR PIN TICKETS, TAGS, AND LABELS.
Claims use since 1893.

Reg. No. 96,404. Registered Apr. 21, 1914. A. W. FABER, Stein, near Nuremberg, and Berlin, Germany. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.



FOR RUBBER ERASERS.
Claims use since June 10, 1913.

Reg. No. 198,461. Registered May 19, 1925. VISIBLE RECORDS EQUIPMENT COMPANY, Chicago, Ill. Republished by Diebold, Incorporated, Canton, Ohio, a corporation of Ohio.



FOR LOOSE-LEAF RECORD BOOKS WHICH ARE ADAPTED TO BE USED FOR BUSINESS AND BOOKKEEPING RECORDS.
Claims use since Aug. 1, 1924.

Reg. No. 203,644. Registered Sept. 22, 1925. A. KIMBALL COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Security

FOR MARKING TICKETS.
Claims use since March 1912.

Reg. No. 227,006. Registered Apr. 26, 1927. COUNT ALEXANDER VON FABER-CASTELL, Stein, near Nuremberg, Germany. Republished by A. W. Faber-Castell Pencil Co., Inc., Newark, N. J., a corporation of New Jersey.

A.W. FABER's Worldwide

FOR LEAD PENCILS, PENCIL HOLDERS, COLORED PENCILS, AND ALL THE OTHER ITEMS NAMED IN THE ORIGINAL REGISTRATION.
Claims use since Jan. 25, 1926.

Reg. No. 269,988. Registered Apr. 22, 1930. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.



FOR TRANSPARENT AND PARAFFINE PAPER.
Claims use since Dec. 2, 1929.

Reg. No. 300,085. Registered Jan. 3, 1933. ASSOCIATED STATIONERS SUPPLY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WORLD WIDE

FOR BOOKS OF NOTES, DRAFTS, RECEIPTS AND CHECKS, PRINTED FORMS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since August 1916.

Reg. No. 356,827. Registered May 10, 1938. J. W. STEELE & COMPANY, North Kansas City, Mo., a corporation of Missouri. Republished by registrant.

MAGIC

FOR COLLAR SUPPORTING, REINFORCING AND HOLDING DEVICES, SUCH AS PAPER FORMS FOR NEWLY MADE OR FRESHLY LAUNDERED GARMENT COLLARS.
Claims use since Sept. 15, 1937.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 186,886. Registered July 22, 1924. THE BRONSON & TOWNSEND CO., New Haven, Conn., a corporation of Connecticut. Republished by registrant.

OUR SPOKESMAN



FOR MONTHLY PUBLICATIONS.
Claims use since Jan. 2, 1922.

Reg. No. 237,837. Registered Jan. 17, 1928. UNDERTAKERS SUPPLY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

The Professional Embalmer

FOR MONTHLY MAGAZINE.
Claims use since January 1924.

Reg. No. 242,678. Registered May 29, 1928. THE CHAIN STORE PUBLISHING CORPORATION, New York, N. Y. Republished by Lebhar-Friedman Publications, Inc., New York, N. Y., a corporation of New York.

Chain Store Druggist

FOR SECTION OF A PERIODICAL PUBLICATION.
Claims use since Aug. 27, 1927.

Reg. No. 261,305. Registered Sept. 17, 1929. THE READER'S DIGEST ASSOCIATION, INC., Pleasantville, N. Y., a corporation of New York. Republished by registrant.

Readers Digest

FOR PERIODICALS.
Claims use since Apr. 25, 1922.

Reg. No. 311,748. Registered Apr. 3, 1934. FRENCH-STAMATS, INC., Cedar Rapids, Iowa. Republished by Stamats Publishing Company, Cedar Rapids, Iowa, a corporation of Iowa.

Table Talk

FOR MONTHLY MAGAZINE.
Claims use since October 1933.

Reg. No. 366,708. Registered Apr. 25, 1939. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

The Maiden Form Mirror

FOR PERIODICAL PUBLICATION.
Claims use since January 1931.

Reg. No. 375,036. Registered Feb. 6, 1940. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

The Tremco Cat Says

FOR COLUMN PUBLISHED IN A MONTHLY PUBLICATION.
Claims use since November 1931.

CLASS 39

CLOTHING

Reg. No. 115,703. Registered Feb. 27, 1917. A. V. VICTORIUS & COMPANY, New York, N. Y. Republished by Burgio Bros., Inc., New York, N. Y., a corporation of New York.



The words "Infant's Hose" are disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since July 12, 1916.

Reg. No. 142,163. Registered May 3, 1921. A. V. VICTORIUS & COMPANY, New York, N. Y. Republished by Burgio Bros,, Inc., New York, N. Y., a corporation of New York.

PRIMA DONNA

FOR HOSIERY.
Claims use since Apr. 1, 1920.

Reg. No. 211,072. Registered Apr. 13, 1926. NATIONAL MODES, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Carolyn

FOR WOMEN'S AND MISSES' COATS, SUITS, AND DRESSES.
Claims use since July 10, 1925.

Reg. No. 241,762. Registered May 8, 1928. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

SELBERITE

FOR SHOES CONSTRUCTED OF LEATHER OR FABRIC.
Claims use since Oct. 29, 1925.

Reg. No. 249,568. Registered Nov. 20, 1928. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Tru-Poise Shoe

The word "Shoe" is disclaimed apart from the mark as shown.

FOR BOOTS AND SHOES MADE OF LEATHER AND TEXTILE FABRIC.

Claims use since Mar. 17, 1928.

Reg. No. 276,501. Registered Oct. 21, 1930. GROUND GRIPPER SHOE COMPANY, INC., New York, N. Y., a corporation of Ohio. Republished by The Selby Shoe Company, Portsmouth, Ohio.

CANTILEVER

FOR RUBBER, LEATHER, AND FABRIC SHOES AND SHOES MADE OF COMBINATIONS OF RUBBER, LEATHER, AND FABRIC.

Claims use since Mar. 1, 1930.

Reg. No. 290,498. Registered Jan. 5, 1932. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Selby ARCH PRESERVER SHOE

The word "Shoe" is disclaimed apart from the mark as shown.

FOR WOMEN'S, MISSES', AND CHILDREN'S SHOES CONSTRUCTED OF LEATHER AND/OR FABRIC.

Claims use since April 1929.

Reg. No. 295,492. Registered July 5, 1932. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Selby TRU-POISE SHOE

The word "Shoe" is disclaimed apart from the mark as shown.

FOR WOMEN'S, MISSES', AND CHILDREN'S SHOES CONSTRUCTED OF LEATHER AND/OR FABRIC.

Claims use since Apr. 15, 1929.

Reg. No. 297,595. Registered Sept. 20, 1932. G. H. BASS & Co., Wilton, Maine, a corporation of Maine. Republished by registrant.

Lock Lap

The word "Lap" is disclaimed apart from the mark as shown.

FOR BOOTS, SHOES, SLIPPERS, AND MOCCASINS, OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF.

Claims use since Nov. 15, 1930.

Reg. No. 301,199. Registered Feb. 21, 1933. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Selby FEATURE SHOES

The word "Shoes" is disclaimed apart from the mark as shown.

FOR WOMEN'S, MISSES', AND CHILDREN'S SHOES CONSTRUCTED OF LEATHER AND/OR FABRIC.

Claims use since May 15, 1931.

Reg. No. 306,400. Registered Sept. 19, 1933. CALTEX SPORTSWEAR, INC., Los Angeles, Calif. Republished by Caltex Sportswear Co. of California, Inc., Los Angeles, Calif., a corporation of Delaware.

Caltex

FOR WOMEN'S KNITTED SPORTWEAR—NAMELY, SWEATERS, SUITS, SKIRTS, SCARFS, AND HATS.

Claims use since June 15, 1925.

Reg. No. 320,680. Registered Jan. 1, 1935. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"INTER-LUDE"

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETTES, AND GIRDLES.

Claims use since Aug. 1, 1934.

Reg. No. 330,136. Registered Nov. 19, 1935. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"Masquerade"

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETTES, AND GIRDLES.

Claims use since Apr. 25, 1935.

Reg. No. 334,057. Registered Apr. 21, 1936. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"VARIATION"

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, AND GIRDLES.

Claims use since Nov. 15, 1935.

Reg. No. 334,144. Registered Apr. 21, 1936. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"CURTSY"

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, AND GIRDLES.

Claims use since Nov. 22, 1935.

Reg. No. 335,883. Registered June 16, 1936. EXCELSIOR SHOES, INC., Portsmouth, Ohio. Republished by The Selby Shoe Company, Portsmouth, Ohio, a corporation of Ohio.

Vani-Tred

The word "Tred" is disclaimed apart from the mark as shown.

FOR WOMEN'S SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.

Claims use since May 1, 1935.

Reg. No. 338,502. Registered Sept. 8, 1936. CARTER & CHURCHILL COMPANY, Lebanon, N. H., a firm. Republished by registrant.

PROFILE

FOR COATS, MACKINAWS, DRESS, NEGLIGEE, AND WORK SHIRTS; OVERALLS, PANTS, SKI JACKETS, PARKAS, SKI PANTS, SKI CAPS AND MITTENS, SPORT COATS, JACKETS, SUITS, AND TOP COATS FOR MEN, BOYS, WOMEN, AND MISSES; SNOW SUITS AND CAPS FOR CHILDREN.

Claims use since March 1892.

Reg. No. 338,504. Registered Sept. 8, 1936. CARTER & CHURCHILL COMPANY, Lebanon, N. H., a firm. Republished by registrant.



FOR COATS, MACKINAWS; DRESS, NEGLIGEE, AND WORK SHIRTS; OVERALLS, PANTS, SKI JACKETS, PARKAS, SKI PANTS, SKI CAPS AND MITTENS; SPORT COATS, JACKETS, SUITS, AND TOP COATS FOR MEN, BOYS, WOMEN, AND MISSES; AND SNOW SUITS AND CAPS FOR CHILDREN.

Claims use since January 1880.

Reg. No. 338,753. Registered Sept. 15, 1936. G. H. BASS & Co., Wilton, Me., a corporation of Maine. Republished by registrant.

WEEJUNS

FOR BOOTS, SHOES, SLIPPERS, AND MOCCASINS, OF LEATHER, RUBBER, AND FABRIC, OR COMBINATIONS THEREOF.

Claims use since Apr. 17, 1936.

Reg. No. 343,819. Registered Mar. 9, 1937. NATIONAL MODES, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Carolyn

FOR HOSIERY, FUR COATS, UNDERWEAR, NEGLIGEES, WOMEN'S HATS, AND SHOES OF LEATHER AND FABRIC.

Claims use since June 16, 1932.

Reg. No. 344,053. Registered Mar. 9, 1937. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

INTIMO

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.

Claims use since Oct. 28, 1936.

Reg. No. 348,223. Registered July 20, 1937. G. H. BASS & CO., Wilton, Maine, a corporation of Maine. Republished by registrant.

HALF-BREED

FOR BOOTS, SHOES, SLIPPERS, AND MOCCASINS, OF LEATHER, RUBBER, AND FABRIC OR COMBINATIONS THEREOF.
Claims use since Mar. 15, 1935.

Reg. No. 351,207. Registered Oct. 19, 1937. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Cashalam

FOR WOMEN'S AND MISSES' SPORTSWEAR CONSISTING OF DRESSES AND SUITS OF THE KNITTED VARIETY.
Claims use since June 7, 1937.

Reg. No. 351,852. Registered Nov. 9, 1937. ARKWRIGHT, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.

Surf Queen

FOR BATHING SUITS FOR WOMEN AND MISSES.
Claims use since Jan. 11, 1937.

Reg. No. 353,759. Registered Jan. 18, 1938. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ÁLLO

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.
Claims use since May 24, 1937.

Reg. No. 355,424. Registered Mar. 15, 1938. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ADAGIO

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.
Claims use since Oct. 26, 1937.

Reg. No. 365,453. Registered Mar. 7, 1939. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.
Claims use since Oct. 25, 1938.

Reg. No. 367,393. Registered May 16, 1939. ARKWRIGHT, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.

Pargate

FOR MEN'S AND BOYS' SUITS AND OVERCOATS.
Claims use since August 1937.

Reg. No. 371,257. Registered Sept. 19, 1939. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

allegro

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.
Claims use since Apr. 27, 1939.

Reg. No. 371,528. Registered Sept. 26, 1939. HOLLYWOOD ROGUE SPORTSWEAR, INC., Los Angeles, Calif. Republished by Hollywood Rogue Sportswear Corp., Los Angeles, Calif., a corporation of California.

Rogue

FOR SHIRTS FOR MEN AND WOMEN, SLACK SUITS, PAJAMAS AND SLEEP COATS.
Claims use since May 1938.

Reg. No. 371,855. Registered Oct. 10, 1939. NATIONAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Republished by National Hosiery Mills, Inc., Indianapolis, Ind., a corporation of Indiana.

Wearonized

FOR HOSIERY.
Claims use since Apr. 21, 1939.

Reg. No. 377,699. Registered May 14, 1940. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ariette

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.
Claims use since Nov. 30, 1938.

Reg. No. 380,675. Registered Aug. 27, 1940. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

ALLO-ETTE

FOR BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER BELTS.
Claims use since Apr. 1, 1940.

Reg. No. 391,803. Registered Nov. 25, 1941. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

Handy Ann

FOR WOMEN'S RUBBERIZED GLOVES.
Claims use since Feb. 1, 1941.

Reg. No. 394,723. Registered Apr. 28, 1942. WELLS-LAMONT-SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.



FOR WORK GLOVES OF COMBINED LEATHER AND FABRIC.
Claims use since Oct. 22, 1940.

Reg. No. 396,332. Registered July 7, 1942. WELLS LAMONT SMITH CORPORATION, Chicago, Ill. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

Handy Andy

FOR WORK GLOVES.
Claims use since June 14, 1938.

Reg. No. 403,600. Registered Oct. 5, 1943. HOLLYWOOD ROGUE SPORTSWEAR, INC., Hollywood, Calif., assignor to Hollywood Rogue Sportswear, a co-partnership. Republished by Hollywood Rogue Sportswear Corp., Los Angeles, Calif., a corporation of California.

TIE-VERTIBLE

The word "Tie" is disclaimed apart from the mark as shown.
FOR MEN'S SPORT SHIRTS.
Claims use since Aug. 15, 1942.

Reg. No. 404,124. Registered Nov. 2, 1943. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SLOPPY-CLAUDIA

BY Select SPORTSWEAR, INC.

The wording "By Select Sportswear, Inc." is disclaimed apart from the mark as shown.
FOR LADIES' AND MISSES' SWEATERS AND JACKETS.
Claims use since May 13, 1943.

Reg. No. 405,516. Registered Feb. 1, 1944. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SchooL-MARM

FOR LADIES' AND MISSES' KNITTED SPORTS SWEATERS AND TWO PIECE KNITTED DRESSES.
Claims use since Feb. 11, 1943.

Reg. No. 405,517. Registered Feb. 1, 1944. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Yours Casually

FOR LADIES' AND MISSES' KNITTED SPORTS SWEATERS AND TWO PIECE KNITTED DRESSES.
Claims use since Feb. 11, 1943.

Reg. No. 409,571. Registered Oct. 10, 1944. ROBERT C. KING & Co., New York, N. Y., a firm. Republished by registrant.

Cresterlea

FOR MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR.
Claims use since Feb. 18, 1944.

Reg. No. 413,723. Registered May 8, 1945. DOVINGTON, INC., Brookline, Mass., a corporation of Massachusetts. Republished by registrant, present address Boston, Mass.

Dovington

FOR LEATHER JACKETS AND JUVENILE AND BOYS' PILE-LINED COATS.
Claims use since Apr. 11, 1944.

Reg. No. 419,003. Registered Jan. 15, 1946. TIMMY TOGS Co., Philadelphia, Pa., a firm. Republished by registrant.

GOODLAD

FOR BOYS' WASH AND DRESS SUITS, BLOUSES, OUTER SHIRTS, PAJAMAS, SLACKS, SLACK SUITS, AND SPORT COATS.
Claims use since June 15, 1945.

Reg. No. 420,096. Registered Mar. 26, 1946. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Physical Culture

FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER, OR COMBINATIONS OF THESE MATERIALS.
Claims use since Aug. 8, 1944.

Reg. No. 425,821. Registered Dec. 3, 1946. HI-LINE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR INFANTS', CHILDREN'S, BOYS', GIRLS', MISSES', AND WOMEN'S APPAREL—NAMELY, OVERALLS, COVERALLS, SUITS, BLOUSES, BLOUSE AND PANTS COMBINATIONS, DRESSES, SLEEPING GARMENTS, PLAYSUITS, AND SUNSUITS.
Claims use since Sept. 20, 1945.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 229,766. Registered July 5, 1927. WILLIAM E. WRIGHT & SONS COMPANY, Orange, N. J., a corporation of New Jersey. Republished by registrant, present address West Warren, Mass.



FOR BIAS-FOLD TAPES AND TRIMMINGS OF FABRICS.
Claims use since Nov. 15, 1915.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 66,322. Registered Nov. 19, 1907. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BM

FOR COTTON PIECE GOODS.
Claims use since before December 1852.

Reg. No. 141,496. Registered Apr. 26, 1921. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.

BOOTT MILLS

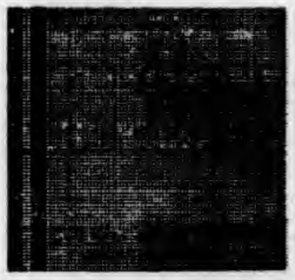
The word "Mills" is disclaimed apart from the mark as shown.
FOR TOWELING.
Claims use since Feb. 1, 1920.

Reg. No. 229,758. Registered July 5, 1927. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CHATEAU

FOR AXMINSTER RUGS.
Claims use since Nov. 1, 1923.

Reg. No. 271,379. Registered June 3, 1930. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.



The trade-mark consists of two stripes of equal width at the selvage of the scrim spaced from each other by a narrow stripe of contrasting appearance which is about one-third the width of the spaced stripes. The representation of the goods is disclaimed apart from the mark as shown.
FOR SCRIM IN THE PIECE AND MADE UP INTO CURTAINS.
Claims use since Dec. 30, 1927.

Reg. No. 277,541. Registered Nov. 18, 1930. KIRBY, BLOCK & FISCHER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SLEEPCRAFT

FOR SHEETS, PILLOW CASES, BLANKETS, AND BEDSPREADS OF COTTON AND WOOL AND MIXTURES THEREOF.
Claims use since February 1930.

Reg. No. 280,248. Registered Feb. 10, 1931. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y., a corporation of New York. Republished by registrant.



FOR WOOL CARPETS AND WOOL RUGS.
Claims use since 1890.

Reg. No. 328,664. Registered Oct. 1, 1935. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y., a corporation of New York. Republished by registrant.



The words "Rugs & Carpets" are disclaimed apart from the mark as shown. The drawing is lined for shading only.
FOR WOOL CARPETS AND WOOL RUGS.
Claims use since Feb. 5, 1935.

Reg. No. 388,285. Registered June 17, 1941. ALEXANDER SMITH & SONS CARPET COMPANY, Yonkers, N. Y., a corporation of New York. Republished by registrant.

COLORAMA

FOR CARPETS AND RUGS.
Claims use since Jan. 8, 1941.

Reg. No. 432,511. Registered Sept. 2, 1947. ARKWRIGHT, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.

BROADMOOR

FOR BLANKETS AND RUGS.
Claims use since Mar. 8, 1946.

CLASS 43

THREAD AND YARN

Reg. No. 149,368. Registered Dec. 13, 1921. DIXIE MERCERIZING COMPANY, Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

DIXIE

FOR YARNS.
Claims use since Apr. 1, 1921.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 254,483. Registered Mar. 26, 1929. EUGENE, LTD., New York, N. Y., a corporation of New York. Republished by registrant.

CONTINENTAL

FOR PERMANENT-WAVING MACHINES.
Claims use since Sept. 14, 1928.

Reg. No. 304,184. Registered June 27, 1933. ARKWRIGHT MERCHANDISING CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

Modernaps

FOR CATAMENIAL BANDAGES.
Claims use since Mar. 1, 1931.

Reg. No. 342,354. Registered Jan. 12, 1937. IRVING H. MALIS, doing business as Veritas Products Co., New York, N. Y. Republished by Veritas Products Co. Inc., New York, N. Y., a corporation of New York.

Verithol

FOR VAGINAL DIAPHRAGMS.
Claims use since October 1932.

Reg. No. 412,052. Registered Feb. 13, 1945. VERITAS PRODUCTS COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

VEP

FOR VAGINAL DIAPHRAGMS.
Claims use since Sept. 15, 1944.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 61,278. Registered May 12, 1907. JACOB RIES, Shakopee, Minn. Republished by Jacob Ries Bottling Works, Inc., Shakopee, Minn., a corporation of Minnesota.

RIES SPRING

The background of the central medallion of which is printed in red with a white encircling band and with the monogram "R J" printed in white.
FOR MINERAL WATERS.
Claims use since about 1886.

Reg. No. 63,533. Registered June 25, 1907. NATIONAL WATER CO., Waukesha, Wis. Republished by Hinckley & Schmitt, Chicago, Ill., a corporation of Illinois.

CORINNIS

FOR MINERAL WATER.
Claims use since the month of June 1898.

Reg. No. 129,172. Registered Jan. 27, 1920. JACOB RIES BOTTLING WORKS, INC., Shakopee, Minn., a corporation of Minnesota. Republished by registrant.

THE KING OF TABLE WATERS

FOR STILL AND EFFERVESCENT TABLE WATER.
Claims use since about 1894.

Reg. No. 366,095. Registered Mar. 28, 1939. TALAWANDA SPRINGS, INC., Cincinnati, Ohio. Republished by W. O. Mashburn, Jr., Cincinnati, Ohio.

TALAWANDA

The drawing is lined for the color red.
FOR MINERAL SPRING WATER.
Claims use since Aug. 1, 1936.

Reg. No. 403,421. Registered Sept. 21, 1943. MYLO FOODS COMPANY, Brooklyn, N. Y., a firm. Republished by registrant.

MYLO

FOR CHOCOLATE FLAVORED SYRUP, LEMON AND LIME FLAVORED SYRUP, IMITATION VANILLA FLAVOR SYRUP, IMITATION GRAPE SYRUP, IMITATION VANILLA FLAVORED SYRUP, STRAWBERRY FLAVORED SYRUP, LEMON FLAVORED SYRUP, PINEAPPLE FLAVORED SYRUP, ORANGE FLAVORED SYRUP, IMITATION RASPBERRY FLAVORED SYRUP, ROOT BEER FLAVORED SYRUP, AND CHERRY FLAVORED SYRUP.
Claims use since Aug. 1, 1934.

Reg. No. 408,213. Registered July 25, 1944. FOOD FAIR STORES, INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

MIDTOWN Club

FOR CARBONATED, NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS USED IN MAKING THE SAME.
Claims use since Dec. 17, 1943.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 97,668. Registered June 16, 1914. THE BARTON SALT COMPANY, Hutchinson, Kans., a corporation of Kansas. Republished by registrant.

B B B

FOR SALT OF DIFFERENT GRADES AND VARIETIES.
Claims use since Jan. 30, 1914.

Reg. No. 138,745. Registered Jan. 4, 1921. THE WINORR CANNING COMPANY, Circleville, Ohio, a corporation of Ohio. Republished by registrant.

WERTHMOR

FOR CANNED VEGETABLES.
Claims use since June 1, 1917.

Reg. No. 152,825. Registered Mar. 7, 1922. HOLLAND-AMERICAN WAFER COMPANY, Grand Rapids, Mich., a corporation of Michigan. Republished by registrant.

U-NO
DUTCH TWINS



FOR BAKERY PRODUCTS—NAMELY, WAFERS.
Claims use since Nov. 1, 1920.

Reg. No. 175,435. Registered Nov. 6, 1923. THE WINORR CANNING COMPANY, Circleville, Ohio, a corporation of Ohio. Republished by registrant.

EXCHANGE

FOR CANNED VEGETABLES.
Claims use since 1912.

Reg. No. 185,217. Registered June 10, 1924. SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y. Republished by Schreiber Brewing Company, Inc., Buffalo, N. Y., a corporation of New York.

Manru

FOR COFFEE.
Claims use since Dec. 18, 1923.

Reg. No. 191,868. Registered Nov. 18, 1924. E. R. GODFREY & SONS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SILVER BUCKLE

FOR COFFEE, POWDERED SUGAR, EVAPORATED MILK, CANNED SALMON, CANNED SHRIMP, CANNED VEGETABLES, CANNED FRUITS, CANNED BERRIES, CANNED APPLE SAUCE.
Claims use since 1912.

Reg. No. 193,049. Registered Dec. 16, 1924. THE WINORR CANNING COMPANY, Circleville, Ohio, a corporation of Ohio. Republished by registrant.

MOZART



FOR CANNED VEGETABLES AND CANNED BERRIES.
Claims use since 1912.

Reg. No. 193,416. Registered Dec. 30, 1924. RELIABLE GROCERY COMPANY, INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

RELCO

FOR CANNED VEGETABLES, OLIVES, MUSTARD, PEANUT BUTTER, AND SAUERKRAUT.
Claims use since Apr. 20, 1924.

Reg. No. 195,502. Registered Feb. 24, 1925. R. PATTERSON & SONS LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.

CAMP

FOR COFFEE ESSENCE WITH CHICORY.
Claims use since June 27, 1906.

Reg. No. 195,503. Registered Feb. 24, 1925. R. PATTERSON & SONS LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



FOR COFFEE ESSENCE WITH CHICORY.
Claims use since Apr. 24, 1908.

Reg. No. 199,623. Registered June 16, 1925. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Town & Country

FOR CANDY.
Claims use since Apr. 10, 1924.

Reg. No. 201,880. Registered Aug. 11, 1925. THE CREAMETTE COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

Creamette

FOR POTATO CHIPS, CANDY, SEEDLESS RAISINS, CANNED TOMATO SOUP, CORN SIRUP, CANNED PORK AND BEANS, CANNED YELLOW CLING PEACHES, SHREDDED COCOANUT, PANCAKE FLOUR, PURE HONEY, DUTCH TOAST, QUEEN OLIVES, PEANUT BUTTER, SLICED BACON, CANNED POTTED HAM, CANNED SALMON, CREAMERY BUTTER, PURE LARD, CANNED TOMATOES, CANNED CORN, CANNED EVAPORATED MILK, JELLY POWDER, CORNSTARCH, TAPIOCA, UNPOPPED POPCORN, PACKAGE BISCUITS, CATCHUP, WHEAT FLOUR, COCOA, FRUIT PRESERVES, AND BREAD.
Claims use since Jan. 29, 1917.

Reg. No. 207,338. Registered Dec. 29, 1925. LAKE CHELAN FRUIT GROWERS, Chelan, Wash., a corporation of Washington. Republished by registrant.

TROUT

FOR FRESH APPLES.
Claims use since October 1921.

Reg. No. 207,412. Registered Dec. 29, 1925. E. E. MORSE, Lodi, Calif. Republished by Morse and Skinner, Lodi, Calif., a co-partnership.

LAKE TAHOE

FOR FRESH FRUITS—NAMELY, FRESH CHERRIES, APRICOTS, PEACHES, PLUMS, AND GRAPES.
Claims use since 1916.

Reg. No. 220,782. Registered Nov. 16, 1926. HENRY PORTERFIELD TAYLOR, JR., Richmond, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

PAMUNKEY

FOR CANNED FRUITS AND VEGETABLES.
Claims use since 1924.

Reg. No. 220,940. Registered Nov. 16, 1926. HENRY PORTERFIELD TAYLOR, JR., Richmond, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

MATTAPONI

FOR CANNED FRUITS AND VEGETABLES.
Claims use since 1910.

Reg. No. 221,925. Registered Dec. 14, 1926. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Congratulations

FOR CANDY.
Claims use since May 1, 1926.

Reg. No. 225,701. Registered Mar. 22, 1927. R. U. DELAPENHA & Co. INC., New York, N. Y., a corporation of New York. Republished by registrant.

IMPERIAL BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR CANDY, CRYSTALLIZED GINGER, PRESERVED GINGER, OLIVES, PRESERVED FIGS, CAPERS, GLACE FRUITS, CANDIED CITRON, LEMON PEEL, AND ORANGE PEEL.
Claims use since October 1901.

Reg. No. 233,826. Registered Oct. 11, 1927. THE WINORR CANNING COMPANY, Circleville, Ohio, a corporation of Ohio. Republished by registrant.

WOODLAWN

FOR CANNED VEGETABLES.
Claims use since Mar. 1, 1927.

Reg. No. 252,789. Registered Feb. 12, 1929. TAYLOR & CALDWELL, Walkerton, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

LONDON HILL

FOR CANNED VEGETABLES.
Claims use since 1926.

Reg. No. 254,114. Registered Mar. 12, 1929. TAYLOR & CALDWELL, Walkerton, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

YORK RIVER

FOR CANNED VEGETABLES.
Claims use since 1896.

Reg. No. 257,743. Registered June 18, 1929. TAYLOR & CALDWELL, Walkerton, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

LORNA DOONE

FOR CANNED VEGETABLES.
Claims use since Nov. 15, 1928.

Reg. No. 262,930. Registered Oct. 29, 1929. ANTHONY MACARONI CO., INC., Los Angeles, Calif. Republished by Anthony Macaroni & Cracker Co., Los Angeles, Calif., a firm.

LA PALOMA



FOR ALIMENTARY PASTES, CANNED RAVIOLI, CHILI SAUCE, MUSHROOM SAUCE, TOMATO SAUCE, AND CHEESE.
Claims use since Feb. 1, 1928.

Reg. No. 263,156. Registered Oct. 29, 1929. PICKLE PRODUCTS COMPANY, Baltimore, Md. Republished by Kraft Foods Company, Chicago, Ill., a corporation of Delaware.

SALAD BOWL

The word "Salad" is disclaimed apart from the mark as shown.
FOR SALAD DRESSING.
Claims use since on or about Apr. 1, 1929.

Reg. No. 269,865. Registered Apr. 22, 1930. TAYLOR & CALDWELL, Walkerton, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

PITCH INN

FOR CANNED VEGETABLES.
Claims use since Nov. 26, 1929.

Reg. No. 280,187. Registered Feb. 10, 1931. TAYLOR & CALDWELL, INC., Walkerton, Va., a corporation of Virginia. Republished by registrant.

Summer Sweet

The word "Sweet" is disclaimed apart from the mark as shown.
FOR CANNED LIMA BEANS.
Claims use since August 1930.

Reg. No. 280,275. Registered Feb. 10, 1931. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PADDLE POP

LIQUID COATING FOR ICE-CREAM.
Claims use since July 20, 1929.

Reg. No. 300,568. Registered Jan. 24, 1933. A. ARENA & CO., LTD., Los Angeles, Calif., a corporation of California. Republished by registrant.

ARENAS

FOR FRESH VEGETABLES—NAMELY, LETTUCE, CARROTS, PEAS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since July 15, 1930.

Reg. No. 303,880. Registered June 13, 1933. HENRY P. TAYLOR, doing business as King & Queen Canneries, Walkerton, Va. Republished by Taylor & Caldwell, Inc., Walkerton, Va., a corporation of Virginia.

Vite'Em In

FOR CANNED VEGETABLES AND CANNED SWEET POTATO DESSERT PREPARATION.
Claims use since June 1931.

Reg. No. 316,995. Registered Sept. 11, 1934. VENICE MAID COMPANY, INC., Vineland, N. J., a corporation of New Jersey. Republished by registrant.

VENICE MAID

ORIGINAL
COOKED SPAGHETTI DINNER

The words "Cooked Sphagetti Dinner" are disclaimed apart from the mark as shown.
FOR CANNED SPAGHETTI.
Claims use since May 8, 1934.

Reg. No. 323,253. Registered Apr. 9, 1935. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



The words "Instant Fudge" are disclaimed apart from the mark as shown. The drawing is lined for the colors black, white, and red.
FOR POWDER PREPARATION FOR MAKING CANDY.
Claims use since Oct. 18, 1934.

Reg. No. 331,218. Registered Dec. 31, 1935. MERWANJEE POONJIAJEE & SONS, Mandvi, Bombay, India, a co-partnership. Republished by registrant.



The drawing is lined for shading only. The word "Brand" is disclaimed apart from the mark as shown.
FOR CHUTNEYS, TAP SAUCE, AND CURRY POWDER.
Claims use since 1906.

Reg. No. 332,363. Registered Feb. 11, 1936. INTERNATIONAL BROKERAGE COMPANY, Minneapolis, Minn. Republished by Fine Foods, Inc., Seattle, Wash., a corporation of Washington.

SEA CAP

FOR CANNED FISH.
Claims use since Aug. 1, 1935.

Reg. No. 336,437. Registered July 7, 1936. CONWAY IMPORT CO., INC., Long Island City, N. Y., a corporation of New York. Republished by registrant.

MOULIN ROUGE

FOR OLIVE OIL.
Claims use since 1913.

Reg. No. 356,191. Registered Apr. 19, 1938. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

COKAY

FOR COCOA.
Claims use since October 1934.

Reg. No. 363,069. Registered Dec. 13, 1938. HUNTER PACKING COMPANY, East St. Louis, Ill., a corporation of Illinois. Republished by registrant.



The outline of the label is disclaimed.
FOR DOG FOOD.
Claims use since June 1934.

Reg. No. 363,560. Registered Jan. 3, 1939. HUNTER PACKING COMPANY, East St. Louis, Ill., a corporation of Illinois. Republished by registrant.



FOR CANNED TAMALES.
Claims use since April 1936.

Reg. No. 377,022. Registered Apr. 16, 1940. GROWERS FRUIT COMPANY, INC., Edinburg, Tex. Republished by The H. Rouw Company, Edinburg, Tex., a corporation of Arkansas.

JO-JO

FOR FRESH CITRUS FRUITS.
Claims use since Sept. 1, 1936.

Reg. No. 379,695. Registered July 23, 1940. R. U. DELAPENHA & COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR OLIVE OIL.
Claims use since Apr. 18, 1914.

Reg. No. 380,198. Registered Aug. 13, 1940. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

CHOCOTONE

FOR PREPARED CHOCOLATE POWDER.
Claims use since June 6, 1938.

Reg. No. 380,199. Registered Aug. 13, 1940. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

CHOCKAY

FOR PREPARED CHOCOLATE POWDER, TO BE USED IN THE PREPARATION OF FUDGE.
Claims use since Jan. 22, 1937.

Reg. No. 389,604. Registered Aug. 12, 1941. GODCHAUX SUGARS, INC., New Orleans, La., a corporation of New York. Republished by registrant.



The drawing is lined for the color blue.
FOR SUGAR.
Claims use since Apr. 6, 1939.

Reg. No. 392,506. Registered Dec. 30, 1941. GOELITZ CONFECTIONERY COMPANY, North Chicago, Ill., a corporation of Illinois. Republished by registrant.



The drawing is lined for the color red. The representations of candy corn kernels are disclaimed apart from the mark as shown.
FOR CANDY.
Claims use since 1908.

Reg. No. 392,582. Registered Jan. 6, 1942. KOLD KIST, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

Kold Kist

The word "Kold" is disclaimed apart from the mark as shown.
FOR FROZEN FRESH COOKED MEATS INCLUDING BEEF STEW, LAMB STEW, SWISS STYLE STEAK, SPAGHETTI AND MEAT BALLS, CHOP SUEY, CHICKEN AND NOODLES, FISH, FOWL, AND VEGETABLES.
Claims use since Dec. 18, 1939.

Reg. No. 414,632. Registered June 19, 1945. WEDDLE TEA CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

WEDDLE'S MAYBLOOM

FOR TEA.
Claims use since 1927.

Reg. No. 415,498. Registered Aug. 7, 1945. PI-DO CORPORATION, Dallas, Tex., a corporation of Texas. Republished by registrant.

"Aunt Ellen's"

FOR PIE AND PASTRY CRUST MIX.
Claims use since June 12, 1944.

Reg. No. 416,704. Registered Sept. 25, 1945. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

R·S·V·P

FOR CANDY.
Claims use since Dec. 15, 1922.

Reg. No. 421,957. Registered June 25, 1946. JOHN A. DOMENICO, Denver, Colo. Republished by registrant.

GARDEN BOY

The word "Garden" is disclaimed apart from the mark as shown.
FOR FRESH VEGETABLES.
Claims use since September 1942.

Reg. No. 431,657. Registered July 29, 1947. JELLUM, INC., Joliet, Ill., a corporation of Delaware. Republished by registrant.

RICHERONI

FOR MACARONI.
Claims use since Aug. 19, 1946.

CLASS 47

WINES

Reg. No. 254,585. Registered Mar. 26, 1929. J. R. PARKINGTON & CO., LTD., London, England, a corporation organized under the laws of Great Britain. Republished by registrant.

GOLDEN GUINEA

FOR MUSCATEL WINE.
Claims use since Oct. 9, 1914.

Reg. No. 323,059. Registered Apr. 2, 1935. J. R. PARKINGTON & CO., LTD., London, England, a corporation of Great Britain and Northern Ireland. Republished by registrant.



The words "Grand," "Vin" and "Bordeaux" are disclaimed apart from the mark as shown.
FOR BORDEAUX WINES.
Claims use since May 2, 1914.

Reg. No. 328,986. Registered Oct. 15, 1935. J. R. PARKINGTON & CO., LTD., London, England, a corporation of Great Britain and Northern Ireland. Republished by registrant.



The words "Sauterne," "Qualite" and "Superieure" are disclaimed apart from the mark as shown.
FOR SAUTERNE WINE.
Claims use since Sept. 18, 1913.

Reg. No. 330,797. Registered Dec. 17, 1935. BISCEGLIA BROTHERS, San Jose, Calif. Republished by Bisceglia Brothers Wine Co., Fresno, Calif., a corporation of California.

SILVER CUP

FOR WINES.
Claims use since Jan. 2, 1935.

Reg. No. 397,332. Registered Sept. 1, 1942. PIRRONE WINERIES, INC., Garfield, N. J. Republished by F. Pirrone & Sons, Inc., a corporation of New Jersey.

Invitation

FOR WINE.
Claims use since January 1940.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 315,874. Registered Aug. 14, 1934. SAN ANTONIO BREWING ASSOCIATION, San Antonio, Tex., a corporation of Texas. Republished by registrant.



FOR MALT BEVERAGES WITH NOT MORE THAN THE LEGAL ALCOHOLIC CONTENT.
Claims use since 1879.

Reg. No. 321,357. Registered Jan. 29, 1935. SAN ANTONIO BREWING ASSOCIATION, San Antonio, Tex., a corporation of Texas. Republished by registrant.

Pearl

FOR MALT BEVERAGES WITH NOT MORE THAN THE LEGAL ALCOHOLIC CONTENT.
Claims use since on or about March 1883.

Reg. No. 378,887. Registered June 25, 1940. MONARCH BREWING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MONARCH
Encore

FOR BEER.
Claims use since Jan. 20, 1939.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 302,116. Registered Mar. 28, 1933. WHITE HORSE DISTILLERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.



FOR WHISKY.
Claims use since Mar. 20, 1890.

Reg. No. 302,117. Registered Mar. 28, 1933. WHITE HORSE DISTILLERS, LIMITED, Glasgow, Scotland, a corporation of Great Britain. Republished by registrant.

WHITE HORSE

FOR WHISKY.
Claims use since Mar. 20, 1890.

Reg. No. 309,146. Registered Jan. 2, 1934. CRAIGHALL BONDING COMPANY, Glasgow, Scotland, a firm. Republished by registrant.



All of the wording shown in the drawing except the applicant's name is disclaimed apart from the mark as shown. Neither is any claim made to the shape of the label.
FOR WHISKY.
Claims use since Aug. 5, 1932.

Reg. No. 315,239. Registered July 24, 1934. WHITE HORSE DISTILLERS, LIMITED, Glasgow, Scotland, a corporation organized under the laws of Great Britain. Republished by registrant.

WHITE HOUSES

FOR WHISKY.
Claims use since Feb. 10, 1933.

Reg. No. 327,555. Registered Aug. 27, 1935. GLENMORE DISTILLERIES CO., INC., Louisville, Ky. Republished by Glenmore Distilleries Co., Inc., Louisville and Owensboro, Ky., a corporation of Delaware.

Mint Springs

FOR WHISKEY.
Claims use since July 1915.

Reg. No. 334,303. Registered Apr. 28, 1936. CRAIGHALL BONDING COMPANY, Glasgow, Scotland, a firm. Republished by registrant.



All wording except "Sunny Scotch" is disclaimed apart from the mark as shown.
FOR WHISKY.
Claims use since July 10, 1935.

Reg. No. 335,882. Registered June 16, 1936. GLENMORE DISTILLERIES COMPANY, Owensboro, Ky. Republished by Glenmore Distilleries Company, Louisville and Owensboro, Ky., a corporation of Delaware.

COLONEL GLEN



FOR WHISKEY.
Claims use since Jan. 7, 1935.

Reg. No. 432,362. Registered Sept. 2, 1947. AUSTIN, NICHOLS & CO., INCORPORATED, Brooklyn, N. Y., a corporation of Virginia. Republished by registrant.

Grand Mouquin

The word "Grand" is disclaimed apart from the mark as shown.
FOR LIQUEUR.
Claims use since Sept. 4, 1945.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 338,857. Registered Sept. 15, 1936. THE KOVA KNIT CO., New York, N. Y. Republished by Fidelity Machine Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania.

'CAMOUFLAGE'

FOR FABRIC COVERINGS FOR HOUSEHOLD CONTAINERS, SUCH AS CANS OR HOLDERS FOR DISINFECTANTS, DEODORIZERS, CLEANSERS, AND LIKE MATERIALS.
Claims use since Feb. 4, 1935.

PLANT PATENTS

GRANTED OCTOBER 12, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

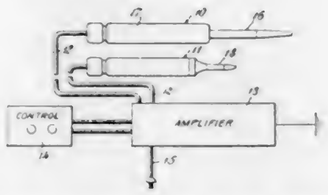
808
APRICOT TREE
Marshall E. Francisco, Fresno, Calif.
Application December 16, 1946, Serial No. 716,589
1 Claim. (Cl. 47—62)

The variety of apricot tree herein described and illustrated characterized particularly by large fruit buds in the dormant stage; by its vigorous growing habits, by tolerance to heat and cold; by its heavy production of fruit of superior size and color; by the fruit's firmness of flesh and resulting superior shipping, drying, and canning qualities; and by the fruit's ripening from the outside inwardly as distinguished from the reverse procedure commonly known in apricots.

PATENTS

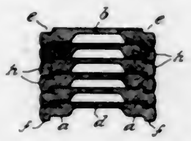
GRANTED OCTOBER 12, 1948

2,450,868
VARIABLE TRANSFORMER
Samuel Berman, Richmond Hill, N. Y., assignor to Waugh Equipment Company, New York, N. Y., a corporation of Maine
Original application April 13, 1943, Serial No. 482,860, now Patent No. 2,437,455, dated March 9, 1948. Divided and this application February 14, 1945, Serial No. 577,910
9 Claims. (Cl. 171—119)



9. A control transformer which comprises a primary winding, a pair of axially aligned secondary windings in inductive relation to respective sections of the primary and connected in series opposition, stationary cores, one within each secondary, the cores being in axial alignment, a non-magnetic member forming a closed circuit of greater diameter than the windings, a casing enclosing the windings, cores, and member, the casing having a lengthwise slot, an element attached to the member and projecting out of the casing through the slot, the element extending lengthwise of the windings, and a rotary member outside the casing and mounted for rotation on a fixed axis transverse to the axis of the windings, the rotary member engaging the element and being manually operable to move the element and non-magnetic member lengthwise of the windings.

2,450,869
LEAF SPRING
Walter Richard Berry, Leeds, England, assignor to Jonas Woodhead & Sons Limited, Leeds, England
Application May 2, 1945, Serial No. 591,459
In Great Britain October 14, 1944
2 Claims. (Cl. 267—47)



1. A plate for laminated springs having a tension face and a compression face; open side grooves at the marginal edges of said tension face; a central longitudinal groove extending partly across said compression face; and downward stepped ribs along the marginal edges of said compression face so as to provide for interlocking engagement with adjacent plates of similar shape.

2,450,870
PROCESS OF MAKING MANGANOUS SULFATE
Charles C. Daugherty, Siler City, N. C., assignor to The Chatham Chemical Company, Siler City, N. C., a corporation of North Carolina
No Drawing. Application September 20, 1945, Serial No. 617,692
7 Claims. (Cl. 23—117)

2. The process of extracting maganese from ore containing a substantial proportion of manganese dioxide which comprises treating said ore with a mixture of sulphuric acid and a material composed of a major portion of cellulose whereby the manganese in said ore is transformed into manganous sulphate, and, thereafter, recovering the manganous sulphate from the reaction mixture.

2,450,871
RELATIVE TEMPERATURE INDICATOR
Paul F. Adair, Dayton, Ohio
Application June 20, 1947, Serial No. 756,079
7 Claims. (Cl. 73—359)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



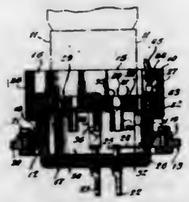
1. In a portable testing device for electrically determining relative temperatures of different portions of an electrically conductive metallic apparatus; electrically responsive gauge means calibrated to indicate relative temperatures in predetermined ratio to electrical current impressed on the gauge means; a pair of electrical conductors connected to the gauge means for the actuation thereof; a connector on one of said conductors for detachably connecting the same electrically to the apparatus to be tested; a testing contact member comprising a stem; a manipulating handle therefor; a contact tip on the end of the stem for electrical contact with portions of the apparatus to be tested for relative temperatures, composed of metal dissimilar from the metal of the portions of the apparatus to be contacted thereby and electrically connected to the other of the aforesaid electrical conductors, whereby the dissimilar metals at the tip and in the apparatus in contact with the tip constitute a thermocouple at the instant of contact, utilizing the electrically conductive portions of the apparatus being tested between the contacting tip and the detachable conductor to complete the thermocouple circuit to the gauge means; and a normally closed shunt circuit between the two conductors including means for interrupting said shunting circuit after said contact tip is brought into testing contact with the portions of said apparatus to be tested.

2,450,872
CONDENSER TESTER
Elmer W. Aiken, Dayton, Ohio, assignor to the United States of America as represented by the Secretary of War
Application June 27, 1944, Serial No. 542,421
1 Claim. (Cl. 175—183)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



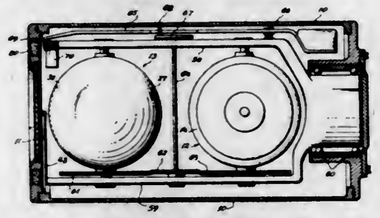
An apparatus for testing capacitors comprising a switch normally biased in open position, a releasable latch to retain said switch closed upon closure thereof, a release coil for releasing said latch to restore said switch to open position, a circuit for connecting a capacitor to be tested in series with said coil and switch to a source of variable direct-current potential, whereby upon closure of said switch the potential of said source will be impressed upon said capacitor, breakdown of said capacitor causing a current surge through said coil to release said latch and open said switch, and means to disconnect said circuit from said source and connect it across a short circuiting element whereby a capacitor which has not broken down may be discharged through said coil, said coil being so constructed that it will release said latch in response to the discharge current of said capacitor and open said switch.

2,450,873
TUBE SOCKET
Charles Antony, Jr., Rockville Centre, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application September 27, 1943, Serial No. 504,036
4 Claims. (Cl. 173—328)



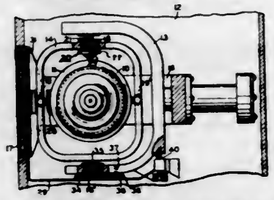
4. A combined tube socket and closure element comprising a generally cup-shaped receptacle of electrical insulating material open at the top and closed at the base, first terminal means disposed on a diaphragm within said receptacle and adapted to receive and grip the prongs of a tube, second terminal means adapted to be electrically connected to said first terminal means and extending exteriorly of the base of said receptacle, and third terminal means arranged interiorly of said receptacle in radially spaced relation to said first terminal means, said third terminal means simultaneously electrically connecting said first and second terminal means to each other and to an exteriorly extending conductor and serving at least in part to fasten said diaphragm within said receptacle.

2,450,874
GYRO VERTICAL INSTRUMENT
Frederick D. Braddon, Babylon, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application August 16, 1943, Serial No. 498,742
4 Claims. (Cl. 33—204)



1. In a horizon compass instrument, the combination with a gyro rotor case and compass housing, of, a common gimbal mounting on which said case and compass housing are respectively supported for movement about parallel axes, a horizon bar pivotally mounted on the gimbal mounting, a gear train carried in the gimbal mounting coupling the case and housing about the respective parallel axes thereof including an idler gear, and drive means connecting the idler gear and horizon bar.

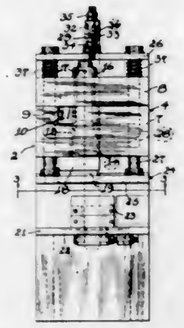
2,450,875
GYROSCOPIC INSTRUMENT
Frederick D. Braddon, Babylon, and Lennox Frederick Beach, Port Washington, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application October 8, 1943, Serial No. 505,512
11 Claims. (Cl. 33—204)



4. Means for preventing a gimbal lock condition in a gyroscopic instrument having a rotor case, said means including a main gimbal, an auxiliary gimbal carrying said case pivotally mounted on the main gimbal with the axes of the respective gimbals mutually perpendicular, and a coupling, one part of which is located on the case and the other part of which is situated on the main gimbal, that normally locks the auxiliary gimbal to the case, the connecting ends of the respective coupling parts being constructed to release the auxiliary gimbal from a locked condition when the main gimbal is inclined more than a predetermined amount from its normal position relative to the auxiliary gimbal.

10. A completely maneuverable gyroscopic artificial horizon having a gimbal mounted rotor case including a longitudinally slotted horizon bar pivotally mounted in the gimbal, and mechanism for positioning the bar comprising first and second engaged gear means having a 2 to 1 gear ratio, the first and larger of which is positioned by the rotor case and the second and smaller of which is rotatably mounted on the gimbal, said second gear having a pin engaging the slot in the horizon bar.

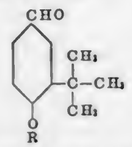
2,450,876
WIRE TWISTING DEVICE
Svend G. Blumensaadt, Beachwood Village, and Frank A. Bielak, Fairview Village, Ohio, assignors to Universal Wire Spring Company, Cleveland, Ohio, a corporation of Ohio
Application September 19, 1945, Serial No. 617,226
26 Claims. (Cl. 140—71)



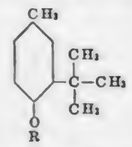
1. In a device for twisting the connecting wire portions of adjoining left and right-hand loops of corrugated wire strips, supporting and holding means for a corrugated wire strip, other supporting and holding means spaced from said first means and pivotally arranged with respect thereto, and aligning means arranged to align a loop connecting wire portion of a corrugated wire strip with the pivot axis of said other supporting and holding means.

2,450,877
3-TERTIARY-BUTYL-4-ALKOXY BENZALDEHYDES.
Marion Scott Carpenter, Nutley, and William M. Easter, Jr., Lodi, N. J., assignors to Burton T. Bush, Inc., New York, N. Y., a corporation of New Jersey
No Drawing. Application May 24, 1947, Serial No. 750,355
7 Claims. (Cl. 260—599)

4. The process for preparing compounds having the structural formula:



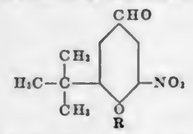
wherein R is selected from the group consisting of CH_3 and C_2H_5, which comprises reacting a material having the structural formula:



wherein R has the same significance as above, with manganese dioxide in the presence of sulfuric acid at an elevated temperature.

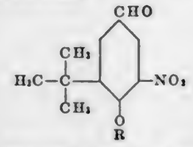
2,450,878
3-TERTIARY-BUTYL-4-ALKOXY-5-NITRO BENZALDEHYDES
Marion Scott Carpenter, Nutley, and William M. Easter, Jr., Lodi, N. J., assignors to Burton T. Bush, Inc., New York, N. Y., a corporation of New Jersey
No Drawing. Application May 24, 1947, Serial No. 750,356
7 Claims. (Cl. 260—599)

1. Compounds having the structural formula:

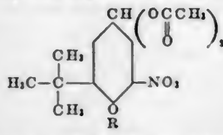


wherein R is from the group consisting of CH_3 and C_2H_5.

4. The process for preparing compounds having the structural formula:



wherein R is selected from the group consisting of CH_3 and C_2H_5, which comprises treating the corresponding non-nitrated compounds with a mixture consisting of acetic acid, acetic anhydride and nitric acid at a temperature within the range of about −10° and +20° C., to form compounds having the structural formula:



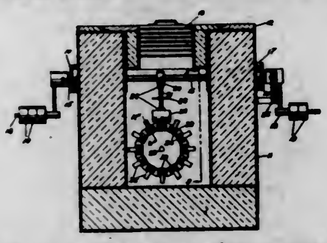
and hydrolyzing the latter to form the corresponding aldehydes.

2,450,879
2,4-DI-TERTIARY-BUTYL-5-METHOXY BENZALDEHYDE
Marion Scott Carpenter, Nutley, and William M. Easter, Jr., Lodi, N. J., assignors to Burton T. Bush, Inc., New York, N. Y., a corporation of New Jersey
No Drawing. Application May 24, 1947, Serial No. 750,358
3 Claims. (Cl. 260—599)

2. The process for preparing 2,4-di-tertiary-butyl-5-methoxy benzaldehyde, which comprises treating 2,4-di-tertiary-butyl-5-methoxy toluene with manganese dioxide in the presence of sulfuric acid at an elevated temperature.

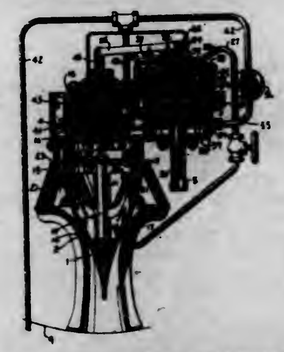
2,450,880
BRITTLE POINT TESTING APPARATUS
Clarence K. Chatten and Saul A. Eller, New York, N. Y.
Application April 10, 1945, Serial No. 587,602
5 Claims. (Cl. 73—15.4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

3. An apparatus for determining the brittle points of elastic materials comprising a regulable low temperature cabinet, a shaft rotatably mounted in said cabinet and extending therethrough, said shaft being supported by bearings outside said cabinet, means disposed outside said cabinet for turning said shaft and for holding it in any desired position, said means being adapted to receive and hold a varying number of weights with the centers of gravity of said weights offset from the axis of said shaft, an arm radially extending from said shaft inside said cabinet, said arm being adjustably extensible, a hammer affixed to said arm, a stub shaft extending through



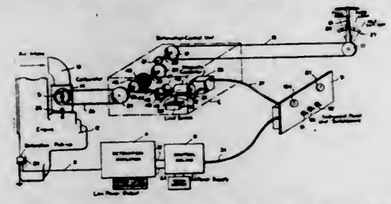
one wall of said cabinet, a specimen jig rigidly affixed to the end of said stub shaft within said cabinet, the outer face of said specimen jig being disposed directly below said shaft and being coplanar with it, the outer face of said specimen jig also being perpendicular to said stub shaft, multiple individual specimen clamps on the outer face of said specimen jig, and means affixed to the end of said stub shaft outside said cabinet for rotating said specimen jig and for holding it in any desired position.

2,450,881
PRESSURE CABIN CONTROL
James B. Cooper and Alfred B. Jepson, Seattle, Wash., assignors to Boeing Airplane Company, a corporation of Delaware
Application October 18, 1941, Serial No. 415,602
10 Claims. (Cl. 98—1.5)



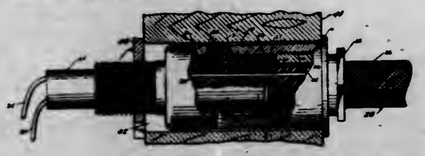
5. A device to control the pressure within an aircraft cabin comprising a valve movable to control outflow from the cabin, valve regulating means operatively connected to said valve, and control means for said valve regulating means including a casing, a diaphragm therein dividing the casing into two chambers and movable to effect actuation of said valve regulating means to move said valve, an evacuated bellows secured to the diaphragm within one casing chamber, and reducing the effective diaphragm area to an annulus which is a given fraction of the total diaphragm area, a port freely open to admit cabin pressure to the other chamber, tending to press said diaphragm in a direction to effect shifting of said valve in a sense to reduce cabin pressure, a spring arranged to oppose such movement of the diaphragm and operable at a predetermined altitude to overcome the air pressure on the cabin pressure side of said diaphragm to effect its movement, and consequently movement of said valve to terminate decrease of cabin pressure at a rate equal to the rate of decrease of ambient atmospheric pressure, a bleed orifice restrictedly admitting air from the cabin to the bellows housing casing chamber, and an orifice for escape of air from the bellows housing casing chamber to the atmosphere to reduce the air pressure on the bellows side of the diaphragm sufficiently to effect its movement, and consequently movement of said valve to decrease cabin pressure at a rate less than the rate of decrease of ambient atmospheric pressure and which is a function of the ratio of the annulus area to the entire diaphragm area, and of the ratio of the area of the bleed orifice to the area of the escape orifice.

2,450,882
DETONATION SUPPRESSION SYSTEM
Philip J. Costa, Franklin Square, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application March 22, 1944, Serial No. 527,640
39 Claims. (Cl. 123—119)



1. A combustion regulating system for a prime mover having combustion pressure enclosing chambers comprising combustion mixture controlling apparatus, and reversible motion producing means unaffected by temperature changes but responsive to detonation in said chambers for varying the adjustment of said combustion mixture controlling apparatus in correlation with changes in the intensity of said detonation.

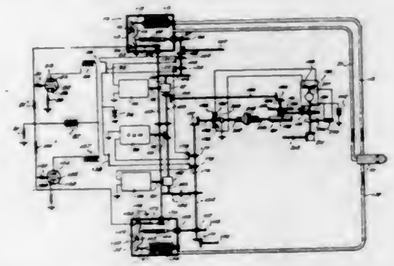
2,450,883
STUFFING TUBE
Paul M. D'Amico, Philadelphia, Pa.
Application August 13, 1946, Serial No. 690,198
3 Claims. (Cl. 285—72)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A stuffing tube comprising a cylindrical tube having a bore extending axially of said tube and adapted to receive a cable therein, said cable having an insulation covering and an armor sheath surrounding said insulation covering, an integral cylindrical extension of reduced diameter coaxial with and extending beyond said tube and having a bore of smaller diameter than the said bore of

said tube, a flange on said tube at the end opposite to said extension, said bore of said tube being threaded at said opposite end, a first ring slideable on the insulation covering of said cable in said tube bore, a second ring slideable on the armor sheath of said cable and adjacent said first ring, the inner diameter of said first ring being smaller than the inner diameter of said second ring, the portion of the armor between said first and second rings being outwardly flared and folded back over said second ring, a gland nut threadedly engaged with the threaded portion of said tube bore, and packing material substantially filling the space within said tube bore between the reduced diameter extension and said first ring, whereby, on tightening of said gland nut, said first and second rings are pressed together clamping the armor sheath therebetween.

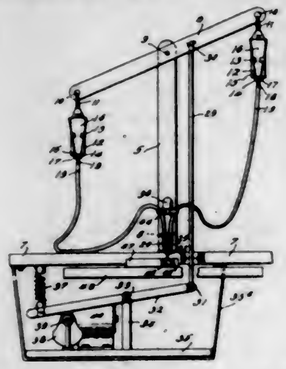
2,450,884
PRESSURE MEASURING APPARATUS
Edward Dawson, New York, and John Rowland Ericson, Westbury, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application July 27, 1944, Serial No. 546,868
18 Claims. (Cl. 73—205)



4. Measuring apparatus comprising a lever, a bellows connected to said lever and adapted to exert a force thereon according to the condition being measured, a force-applying device connected to said lever for applying an opposing force to said bellows and means for controlling said force applying device including a constant speed motor, an intermittently operable motor, means for controlling the speed of said intermittently operable motor by said lever according to the difference between said forces, and differential means driven by said motors for adjusting said force-applying device according to the difference between the speeds of said motors to equate said opposing force to said exerted force.

2,450,885
MEANS FOR AND METHOD OF MAKING ARTIFICIAL TEETH
Reiner W. Erdle, Chicago, Ill., assignor to Dental Research Corporation, Chicago, Ill., a corporation of Illinois
Application February 17, 1944, Serial No. 522,706
12 Claims. (Cl. 25—156)

7. The method of charging a mold cavity with a porcelain-like mix, which comprises moving a body of fluid mix of a liquid and ground porcelain-like material back and forth in a conduit having a discharge outlet adapted to be positioned immediately adjacent to the inlet to the mold cavity, and, during the back and forth movement of said mix in said conduit and while the porcelain-like particles are maintained by such movement in a substantially complete state of suspension in the liquid content of the mix, introducing



the mix from the conduit into the mold cavity through said discharge outlet.

2,450,886
SEMICONDUCTOR
Charles Alexander Escoffery, East Orange, N. J., and Madeline Duane Merva, Bernice, Pa., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application November 20, 1944, Serial No. 564,408
1 Claim. (Cl. 175—366)

In a process for manufacturing selenium rectifier elements the improvement that comprises incorporating in the selenium layer a minor proportion of a single substance selected from the class consisting of iodine compounds of chlorine and iodine compounds of bromine.

2,450,887
SEMICONDUCTOR
Charles Alexander Escoffery, East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application November 20, 1944, Serial No. 564,409
1 Claim. (Cl. 175—36.6)

In a process for manufacturing selenium rectifier elements the improvement that comprises incorporating in the selenium layer a minor proportion of a plurality of substances selected from the class consisting of iodine compounds of chlorine and iodine compounds of bromine.

2,450,888
WEAR RESISTANT STEEL
Maurice C. Fetzer and Carl B. Post, Wyomissing, Pa., assignors to The Carpenter Steel Company, Reading, Pa., a corporation of New Jersey
No Drawing. Application July 27, 1946, Serial No. 686,725
4 Claims. (Cl. 75—123)

1. The combination of about 1.5 to about 4.5 per cent by weight of columbium carbide, with an alloy steel base, said base containing not less than about 70 per cent by weight of iron, about 0.30 to about 1.50 per cent by weight of carbon and being hardenable by quenching to a Rockwell C hardness not less than about 53, the columbium carbide being composed of columbium and carbon in the weight ratio of about 10 to 1, and the minimum and maximum percentages by weight of columbium carbide being correlated with the per cent by weight of carbon in the hardenable base as follows:

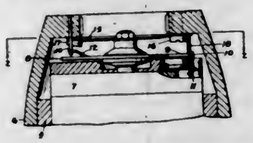
Per cent by weight of Columbium carbide		Per cent by weight of Carbon in the base
Minimum	Maximum	
About 3.6	to about 4.5	About 0.30
About 3.4	to about 4.0	About 0.40
About 3.1	to about 3.6	About 0.50
About 2.7	to about 3.3	About 0.60
About 2.6	to about 3.1	About 0.70
About 2.4	to about 2.9	About 0.80
About 2.2	to about 2.7	About 0.90
About 2.0	to about 2.5	About 1.00
About 1.8	to about 2.4	About 1.10
About 1.7	to about 2.3	About 1.20
About 1.6	to about 2.2	About 1.30
About 1.5	to about 2.1	About 1.40
About 1.5	to about 2.0	About 1.50

2. As an article of manufacture, a fiber comprising casein and salts of casein and fat acids.

2,450,889
MANUFACTURE OF ARTIFICIAL TEXTILE FIBERS
Antonio Ferretti, Milan, Italy; vested in the Attorney General of the United States
No Drawing. Application August 17, 1936, Serial No. 96,470. In Italy August 28, 1935
2 Claims. (Cl. 18—54)

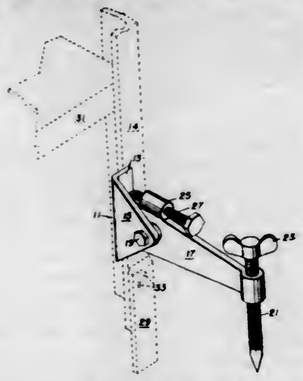
1. The process of manufacturing artificial textile fibres from animal casein prepared by the coagulation of skim milk which process includes forming a viscous spinnable solution by maturating the casein with a caustic alkali to which there is added a mineral constituent selected from the group consisting of sodium and potassium silicates; spinning fibres from the maturated solution and coagulating the same in an acid bath; and rendering the fibres insoluble and deacidifying them.

2,450,890
MECHANICAL TIME FUSE
Eugene J. Fix, Philadelphia, Pa., assignor to the Government of the United States of America as represented by the Secretary of War
Application January 23, 1939, Serial No. 252,417
5 Claims. (Cl. 102—83)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a fuse, a casing comprising relatively rotatable parts, a clockwork carried by one of said parts and including an independently adjustable timing disk adapted to be driven by the clockwork and releasably secured to rotate with the other of said parts, said disk having a peripheral slot, a movable member carried by said one part and adapted to enter the slot of the disk to thereby initiate detonation of the fuse, a setback member fixed to the other part of the casing and arranged to be moved with the timing disk during its independent adjustment, said member having an apron normally masking the slot of the disk and extending over the margin of the disk to thereby normally prevent movement of said member into said slot.

2,450,891
CLAMP
Louis O. Habicht, Thorofare, N. J.
Application November 7, 1946, Serial No. 708,362
5 Claims. (Cl. 248—229)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



5. A clamp comprising an angle iron, an arm secured at one end to a first leg portion of said angle iron, said arm being rotatable in a plane parallel to the face plane of said first leg portion, said arm carrying a first screw distal said angle iron normal to the length of said arm and in said plane, means to feed said first screw relative said arm, a second screw mounted in a lug on an edge of said arm adjacent said angle iron, said second screw being disposed parallel to the length of said arm and in said plane, means to feed said second screw relative the adjacent face of the second leg portion of said angle iron, and means to secure said arm against rotation relative said angle iron.

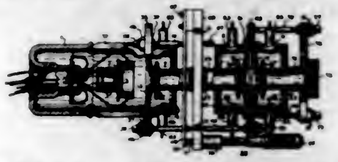
2,450,892
DELAY POWDER
George C. Hale, Dover, N. J.
No Drawing. Application May 5, 1944, Serial No. 534,289
13 Claims. (Cl. 52—2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A delay powder which is substantially non-gaseous and non-explosive including a metallic chromate, a metal, and a solid non-metallic element selected from the group consisting of sulphur and phosphorus, said chromate and said metal being present in a finely divided state.

2,450,893
HIGH-FREQUENCY TUBE STRUCTURE
William W. Hansen and John R. Woodyard, Garden City, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Original application May 17, 1941, Serial No. 393,868. Divided and this application November 28, 1941. Serial No. 420,771
20 Claims. (Cl. 250—27.5)

1. An electric discharge tube comprising means for generating a stream of electrons, a first aper-

tured hollow resonator axially positioned with respect to the path of said stream and adapted to velocity modulate said electron stream, a second hollow apertured resonator also axially positioned with respect to said path, and adapted to be energized by said stream, a drift tube connecting and spacing said first and second resonators to permit electrons in electron flow therebetween and to permit said velocity modulated stream to become bunched, a third hollow apertured resonator axially placed with respect to said path close to said second resonator, said sec-



ond and third resonators being coupled to said electron stream sufficiently far apart to prevent coupling of the third resonator field back to the second resonator field, but sufficiently close that said electron stream undergoes little change in bunching while passing between said second and third resonators, and means for abstracting high frequency energy from said third resonator whereby the abstraction of high frequency energy from said electron discharge tube will not affect the resonating characteristics of said second or first resonators.

2,450,894

MECHANICAL TIME FUSE

John J. Hart, Bryn Mawr, Pa., assignor to the United States of America as represented by the Secretary of War

Application December 15, 1939, Serial No. 309,418
2 Claims. (Cl. 102—83)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. In a fuse of the type having a timing disk in combination, a setting cap for enclosing the timing disk and rotatable relative thereto, a cantilever setting spring secured to the setting cap, a setting lug having a beveled upper surface and depending projection secured to the free end of the setting spring, said depending projection adapted to be interlocked with the timing disk upon depression of the setting spring, a centrifugal spring provided with a weight on one end secured to the setting cap through its end remote from the weight and being biased to normally engage the beveled surface of the setting lug adjacent its weighted end portion to depress the setting spring with said projection interlocked with the timing disk, said weighted end portion of the centrifugal spring being operable by centrifugal force to be disengaged from the beveled surface of the setting lug.

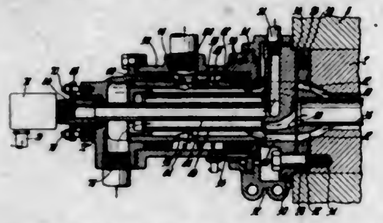
2,450,895

STUFFING BOX

Charles J. Keim, Oil City, Pa., assignor to Oil Well Supply Company, a corporation of New Jersey

Application May 22, 1946, Serial No. 671,535
11 Claims. (Cl. 285—96.3)

1. A stuffing box assembly comprising a rotatable shaft, said shaft having two fluid passageways therein, a spindle fastened to the end of said shaft for rotation therewith, said spindle having three fluid passages therein extending outwardly from the end of said shaft, a stuffing box housing surrounding said spindle, means for connecting said housing to said spindle, a packing gland fastened to the end of said housing, the first of said passages passing through said pack-



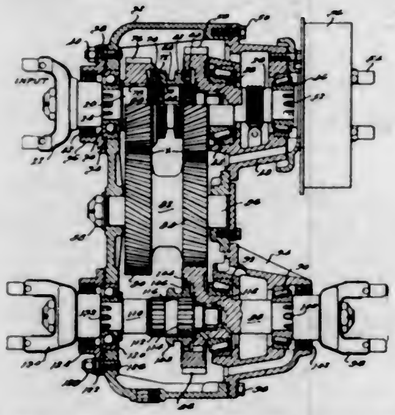
ing gland, a fluid conduit in said housing extending to the outside thereof and communicating with the second passage, said second passage communicatnig with one of said fluid passageways, and a second fluid conduit in said housing extending to the outside thereof and communicating with the third passage, said third passage communicating with the second fluid passageway.

2,450,896

POWER TRANSMISSION MECHANISM

Albert E. Kimberly, Jr., Birmingham, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application April 12, 1944, Serial No. 530,602
23 Claims. (Cl. 192—52)



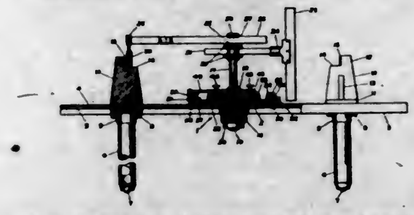
1. Power transmitting mechanism comprising a pair of interengageable rotatable clutch members, a third rotatable member drivingly connected with one of said clutch members and in telescoping relation therewith, said third member and said one clutch member having relative axial movement and there being a pair of axially spaced pilot portions on said third member for guiding said one clutch member between engaged and disengaged positions, said one clutch member being arranged and constructed to have a portion thereof extending axially beyond one of said pilot portions into the space between said pilot portions and short of the other pilot portion when said clutch members are engaged, the said extension being at least equal to the axial extent of said one pilot portion, and there being sufficient piloting clearance between said one clutch member and said one pilot portion to permit limited axial misalignment of said one clutch member relative to said third member upon drive of said clutch members when engaged whereby said extending portion of said one clutch member may be urged into blocking position relative to said other pilot portion to oppose tendency of said one clutch member to become self disengaged.

2,450,897

FIXTURE FOR SUPPORTING AND GAUGING BRUSH RIGGINGS OF MOTORS AND GENERATORS

Herbert E. Krueger, Vallejo, Calif.

Application October 26, 1945, Serial No. 624,924
8 Claims. (Cl. 33—181)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



3. A supporting fixture including, a base having an annular portion and outwardly-directed radial portions, supporting means adjustably fastened to the radial portions and movable relative thereto radially for maintaining brush riggings of various diameters in fixed positions, a support rotatably mounted axially in and extending axially from the annular portion of the base, a gage arm slidably carried by a portion of the support axially remote from said annular portion of said base, an annular protractor element rotatably mounted upon said annular base portion, a first annular member rotatably mounted on said support and having pointer means cooperating with the protractor element, a second annular member rotatably mounted on the support, retractable means carried by the annular base portion for locking the second member against rotation in adjusted positions, and means for adjustably fastening the first member to said support and second member whereby the supports and members may be rotated together or relative to each other.

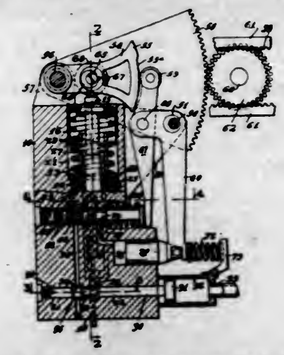
2,450,898

FUEL INJECTOR CONTROL MECHANISM FOR FREE PISTON ENGINES

Frank M. Lewis, Weston, Mass., assignor, by mesne assignments, to Lima-Hamilton Corporation, Hamilton, Ohio, a corporation of Virginia

Application October 5, 1944, Serial No. 557,284
22 Claims. (Cl. 123—46)

12. In an internal combustion engine of the free piston type having a piston synchronizing means and a fuel injection nozzle with a fuel supply passage thereto, a control valve for said passage, means connected to and actuated by said synchronizing means to move said valve to open said passage in predetermined spaced relation to the end of the piston compression stroke, a pump plunger operable by said connecting means to pump a fuel charge into said passage during a compression stroke of the pistons and before an opening of said valve, means resisting a pumping stroke of the plunger and operable to return it to starting position, means operable to resist the compression of a charge in said passage by the pump plunger and to forcefully eject the charge therefrom to the nozzle when said passage is open, means forming a relief passage from said first passage around the valve and controlled by said last means whereby the relief passage is



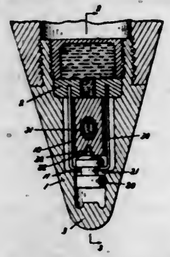
closed to the fuel passage during the compressing of a charge in the fuel passage and its forceful ejection therefrom and is open to the fuel passage after the ejection of a charge, said pump plunger cooperating with said relief passage to close it except when the pump plunger is at substantially the inner end of its fuel charge compressing movement.

2,450,899

FUSE

Lyle K. Liljegren, Alexandria, Va.

Application February 14, 1944, Serial No. 522,289
1 Claim. (Cl. 102—79)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In a point detonating fuze for a rotating projectile, a nose having a cylindrical axial passage opening rearwardly into a circular opening, a cylindrical block rotatably mounted in said circular opening, said block having a detonating passing diametral thereof and a peripheral detent cup disposed at an angle relatively to the central axis of said passage, a plug slidably mounted in said passage for movement therein in response to deceleration thereof, a projection on said plug to be received in said cup in a first rotational position of said block to prevent rotation thereof, and to be aligned with said passage in a second rotational position of said block, a plurality of spring wires each anchored at one end to said fuze and provided with stop means at its free end adapted to be received in an annular groove in said plug to hold said plug with said projection in said cup, said circular opening having a flat end wall

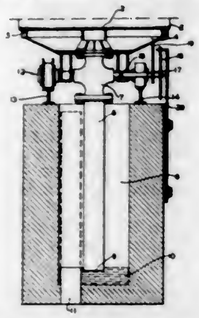
remote from and transversely across the axis of said passage, said block having a flat surface adapted to seat on the flat end wall of said opening to locate said block in first position and to abut the side wall of said opening to locate said block in second position when the block is moved thereto in response to centrifugal force after release by movement of said projection out of said cup.

2,450,900

MACHINE FOR FORMING ARTICLES FROM A LIQUID SLURRY

John D. Lyall, Lancaster Township, Lancaster County, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania

Application April 23, 1943, Serial No. 484,220
10 Claims. (Cl. 92—54)



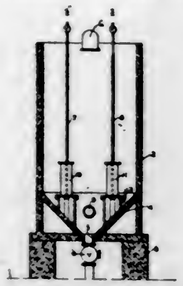
1. In a machine for the manufacture of mineral wool board and the like in which molds are moved along a path of travel into various operating stations, a closed tube extending below the mold and movable therewith, said tube having its outlet sealed in a water bath, and means for maintaining a predetermined level of water in said bath.

2,450,901

METHOD OF TREATING LIQUID SLURRIES TO SEPARATE FIBERS FROM HEAVIER PARTICLES

John D. Lyall, Lancaster Township, Lancaster County, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania

Application April 30, 1943, Serial No. 485,209
6 Claims. (Cl. 209—159)



6. In a method of treating a liquid slurry containing fibers and undesirable heavier particles, a substantial portion of the solids of the slurry having a tendency to settle out, the steps of establishing a circulatory movement within the body of slurry in a generally upwardly and downwardly direction by injecting a stream of air downwardly into the slurry, confining the upwardly moving portion of the slurry separate from the downwardly moving portion in a zone spaced from and above the point of air injection and accelerating the upwardly moving portion of the slurry with respect to the downwardly moving portion in said zone, adjusting the differential in rate between the upwardly and downwardly moving portions to draw the fibers out of their downward travel and into the upwardly moving portion but insufficient to draw the undesirable heavy particles out of the downwardly moving portion, permitting said heavier particles to settle out, and withdrawing the slurry of suspended fibers from a point above the level of the settled heavier particles.

2,450,902

DECORATION OF GLASS FABRICS

Carl M. Marberg, Elmhurst, Long Island, N. Y., assignor to Interchemical Corporation, New York, N. Y., a corporation of Ohio

No Drawing. Application October 18, 1941, Serial No. 415,625
5 Claims. (Cl. 260—29.4)

2. A composition adapted for application to glass fabrics comprising pigment dispersed in a vehicle comprising a solution of a heat convertible resin prepared from formaldehyde and a substance selected from the group consisting of carbamide, melamine, biuret, guanidine and dicyanodiamide, and a vinyl chloride-vinyl acetate interpolymer in which the vinyl chloride forms the major portion, having emulsified therein an inner aqueous phase comprising at least 20% of the composition by weight, the vinyl chloride-vinyl acetate interpolymer comprising at least 50% of the pigment binder in the composition and the heat-convertible resin comprising at least about 10% of the weight of the vinyl interpolymer.

2,450,903

PHOSPHORUS ACID ESTERS OF PETROLEUM PHENOLS

Louis A. Mikeska, Westfield, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application January 17, 1945, Serial No. 573,312
2 Claims. (Cl. 260—461)

1. Liquid phosphorus acid esters of petroleum phenols having at least 11 carbon atoms and boiling above 150° C. at 6 mm. pressure, said esters being soluble in hydrocarbon oils at room temperature in all proportions.

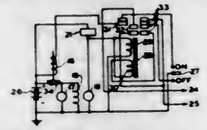
2,450,904

REMOTE-CONTROL SYSTEM FOR PRIME MOVER DYNAMO PLANTS

John L. Moncrief, Eatontown, N. J.

Original application July 12, 1944, Serial No. 544,622. Divided and this application March 18, 1947, Serial No. 735,351
6 Claims. (Cl. 290—37)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

6. In combination, an internal combustion engine including a magneto ignition system, an electric generator adapted to be driven by said engine, a motor adapted to start the engine, means for starting said motor and actuating the ignition system, a single, two-coil relay including an energizing and a de-energizing coil, a plurality of contacts operable by said relay, a remote control switch, said motor energizing means comprising a control circuit, including one of said contacts, operable by said control switch, said energizing coil connected to said generator to be energized thereby and adapted to actuate to open position



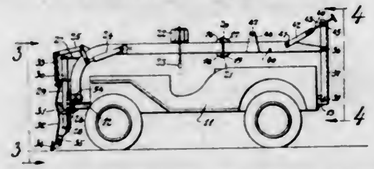
said contact in the control circuit of the motor energizing means, and a stopping circuit, including said generator, de-energizing coil, switch, and one of said relay-operable contacts, said stopping circuit adapted to be closed by said switch, whereby current may pass from the generator to the de-energizing coil to neutralize the energizing coil and thus effect stopping of the engine.

2,450,905

BULLDOZER ATTACHMENT FOR JEEPS

George W. Mork, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware

Application October 11, 1945, Serial No. 621,703
19 Claims. (Cl. 37—144)



13. In an attachment, for use on a vehicle, the combination of: a beam to extend from front to rear of the vehicle above the vehicle, said beam having a substantially vertical portion at its forward end; means for securing this beam to the vehicle, said means comprising means removably engaging one end of the vehicle and means releasably clampable to the other end of the vehicle; a material-handling instrumentality, carried by said substantially vertical portion, and vertically slidable with respect thereto; and means to raise and lower said instrumentality.

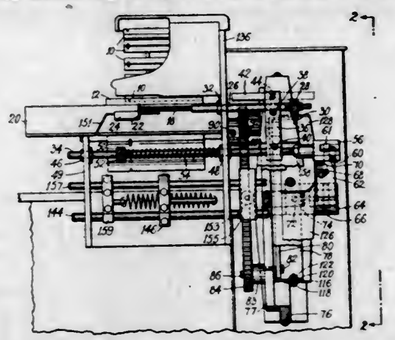
2,450,906

NECKTIE MACHINE

Max M. Newman, New York, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey

Application December 30, 1942, Serial No. 470,596
2 Claims. (Cl. 112—136)

1. In a sewing machine for sewing together the overlapped longitudinal edges of a fabric, the combination with stitch-forming and feeding mechanism, of means operating in timed relation to the operation of said mechanism for guiding the fabric to form a stitch line of the side seam type, said means including a fabric guide arranged to engage the interior of the fold line of the fabric, and a pattern band, said pattern band including a rotary member revolving about a horizontal axis extending transversely of the fabric, a set of cam pieces secured on the periphery of said member, and said means also including a cam follower connected to said guide and engaging one edge of the cam pieces, and a device urging said follower against said edge of the cam pieces, said cam pieces having a predetermined configuration for displacing said guide transversely of the fabric to produce a side seam stitch line extending inwardly along the fabric edges in a direction toward the fold line from a point adjacent the leading end of the fabric to a point intermediate the fabric ends, and thence extending outwardly along the fabric edges in a direction toward the fabric edges from said point toward the trailing end of the fabric, said cam pieces including a stationary cam piece, a cam



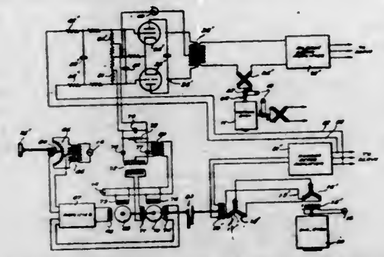
piece movable axially of said rotary member, a cam piece pivotally connected at one end to said stationary cam piece and movably connected to said axially movable cam piece, and a pair of cam pieces movably connected to each other, one cam piece of said pair being pivotally connected to said stationary cam piece and the other cam piece of said pair being movably connected to said axially movable cam piece whereby said pivoted cam pieces may be swung outwardly on their pivotal connections and said movable cam pieces may be moved outwardly to permit various shapes of side seams to be obtained.

2,450,907

TURN CONTROL MEANS FOR AN AUTOMATIC PILOT

John C. Newton, Bayside, and Percy Halpert, Hempstead, N. Y., assignors to The Sperry Corporation, a corporation of Delaware

Application April 15, 1944, Serial No. 531,185
23 Claims. (Cl. 244—77)



17. In an aircraft automatic pilot, a servo motor connected to operate one of the control surfaces of the craft, means for producing a signal corresponding to a desired rate of turn of the craft, motive means responsive to said turn signal to selectively rotate in the direction governed by and at a speed proportional to said signal, and a constant frequency generator driven by said motive means to provide a signal for operating

said servo motor whose amplitude varies with the speed of rotation of said motive means and whose phase depends on the direction of rotation of said motive means.

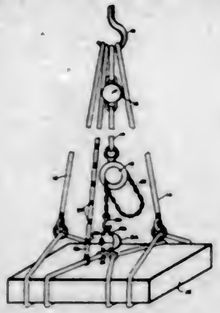
2,450,908
CONDUIT RECEPTACLE
Joseph F. O'Brien, Lebanon, and Earl S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application August 2, 1944, Serial No. 547,767
4 Claims. (Cl. 174—59)



4. An electrical feed receptacle for a seriatim connected conduit system, the units of which are provided each at one end with a male formation and at the opposite end with a female formation, comprising a base member having an inlet for the reception from the rear thereof of supply electrical conductors, the body portion of said base member being provided at its front face with mutually parallel channels; a top member provided with an opening registering with said inlet and having at the rear face of its body portion mutually parallel channels and respectively coincident with said mutually parallel channels of said base member whereby to form channels for the reception and retention therein of electrical conductors; means for securing said top member relative to said base member; devices carried at the front face of said top member for securing the terminals of said supply electrical conductors, said devices extending through said top member to respectively connect with said second named electrical conductors; extensions projecting respectively at the opposite ends of said base member provided at their respective front faces with mutually parallel channels in continuation of said mutually parallel channels of the body portion of said base member for the reception and retention of said second named electrical conductors; extensions projecting respectively at the opposite ends of said top member and provided at their rear faces with mutually parallel channels in continuation of said mutually parallel channels of the body portion of said top member; said extension of said base member at one end forming with said extension of said top member at said end a male formation, said extension of said base member at its other end forming with said extension of said top member at said end a female formation; and cover means for said top member for concealing said devices and the terminal portions of said supply electrical conductors.

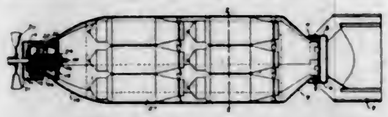
2,450,909
HYDROSTATIC TESTING DEVICE
Harold D. O'Neil, Hatboro, Pa.
Application June 17, 1946, Serial No. 677,141
3 Claims. (Cl. 73—4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Apparatus for testing an object under adjustable tension, said apparatus comprising a support; a sling depending from said support; a weight supported by said sling below said support; a tension line extending from said support to said weight, said tension line including means for adjusting tension in said line, means for indicating tension in said line, and means for mounting the object in the line subject to the



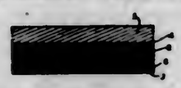
adjusted tension; and a linear scale extending vertically from the mounting means to indicate distance upward from the object.

2,450,910
AERIAL BOMB
George M. O'Rear, United States Navy
Application October 7, 1938, Serial No. 233,775
1 Claim. (Cl. 102—7.2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



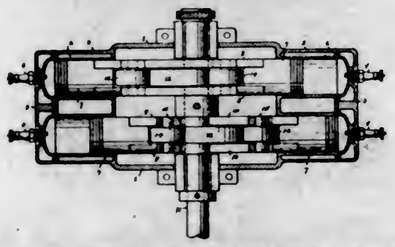
A bomb assembly adapted to contain a plurality of individual missiles, comprising a plurality of staves which normally form the side walls of a bomb container, means closing one end of said container and releasably holding the staves in their assembled state at that end, and a second means closing the other end of said container and releasably holding the staves in their assembled state at that end, a fuse assembly located at said other end of said container, said assembly comprising an internally threaded member, a shaft threaded therein, a wind operated fan fixed to said shaft, a collar rigidly secured to said shaft and normally preventing removal of said second stave holding means, and means engageable and movable by said collar after a predetermined rotation of said fan, said means when moved a sufficient distance being adapted to remove said second stave holding means whereby said staves are released and said container will fall apart in flight.

2,450,911
ACOUSTICAL STRUCTURE
Arthur D. Park and Norman A. Johnson, Lancaster, Pa., assignors to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application July 20, 1943, Serial No. 495,426
6 Claims. (Cl. 20—4)



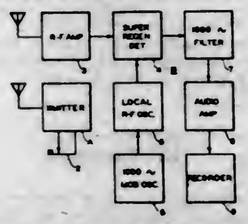
1. In a sound absorbing structure for walls and other surfaces, a base, a plurality of mats of highly porous, sound absorbing, inorganic fibrous material disposed over the base and presenting a rough and irregular outer surface, and a decorative facing in sheet form disposed over a plurality of said mats and adhesively joined to said mats and presenting a substantially planar exposed surface bridging over the irregular surface contour and joints between said mats, said facing comprising a thin, open, preformed, self-sustaining web of felted glass fibers characterized by an inherent tendency to return to its original position when bent and released, which characteristic results in the facing web lying flat and planar regardless of the irregularities in the sound absorbing mats to which the web is attached.

2,450,912
INTERNAL-COMBUSTION MOTOR WITH PISTONS SYMMETRICALLY ARRANGED ABOUT CAMS ON THE DRIVE SHAFT
James Boyd Putnam, El Campo, Tex.
Application May 5, 1944, Serial No. 534,298
2 Claims. (Cl. 121—120)



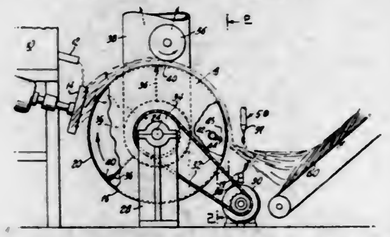
1. In an internal combustion motor a piston assembly comprising a pair of opposed pistons spaced apart, a pair of bars which are spaced apart and whose ends are countersunk into the facing ends of the pistons on opposite sides and are secured to said pistons, the outer sides of said ends of said bars conforming, in external contour, to the cylindrical contour of the pistons, said bars being provided with oblong slots which are in alignment, rotatable bearing units mounted on the bars to rotate between the bars and spaced inwardly of the ends of said pistons and being spaced apart and a power takeoff cam mounted between the bars and shaped to constantly contact the rotatable bearing units during the rotation of the cam.

2,450,913
RADIOTELEGRAPHY SUPERREGENERATIVE RECEIVER
Glen Peterson, Asbury Park, N. J.
Application April 4, 1945, Serial No. 586,614
6 Claims. (Cl. 250—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



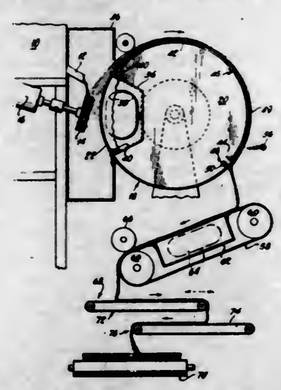
2. The method of translating continuous carrier waves which are interrupted in accordance with an intelligence signal, comprising the steps of locally generating a second continuous wave having substantially the same frequency as said carrier wave and an amplitude which is less than the normal amplitude of said first wave but greater than noise currents present, modulating said second wave with a lower frequency, superregeneratively detecting said first and second waves, filtering from the output of said detector only currents of said lower frequency, and reproducing said filtered output.

2,450,914
APPARATUS AND PROCESS FOR THE MANUFACTURE OF MINERAL WOOL
Edward R. Powell, North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application September 16, 1943, Serial No. 502,572
14 Claims. (Cl. 154—27)



1. In a mineral wool apparatus having means for disintegrating a stream of molten material into fibers, a drum including a fiber receiving area adjacent said means, a foraminous surface on said drum, means for rotating said drum, and means for blowing a current of a gaseous medium through said foraminous surface at a point remote from said fiber receiving area whereby said fibers are forced from said drum.

2,450,915
METHOD AND APPARATUS FOR FORMING MINERAL WOOL PRODUCTS
Edward R. Powell, North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application September 30, 1944, Serial No. 556,541
8 Claims. (Cl. 154—27)



1. In an apparatus for the manufacture of mineral wool felt or the like having fiberizing means for disintegrating a molten material into fibers, an open-work surface adapted to receive a layer of fibers thereon, suction means behind

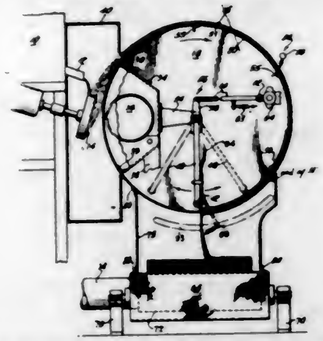
said surface adjacent said fiberizing means, and a shield behind said surface extending from adjacent said suction means and in the direction of rotation of said drum to a point removed from said suction means, and means beyond said shield to remove said fibrous layer from said surface.

2,450,916

APPARATUS FOR FORMING MINERAL WOOL MATS

Harold T. Coss, Plainfield, and Edward R. Powell, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y., a corporation of New York

Application September 30, 1944, Serial No. 556,562
12 Claims. (Cl. 154—27)



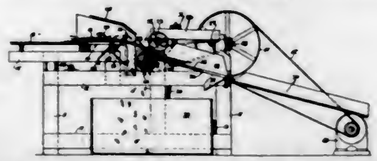
10. In a mineral wool apparatus having means for converting a molten material into fibers, a rotatable drum having an air-pervious surface, means to cause deposit of said fibers to form a thin layer on said surface, means for rotating said drum, receiving means below said drum to receive the layer therefrom, and a nozzle member for removing said layer from said drum and depositing it in folds on said receiving means, said nozzle member comprising a pipe located within said drum and extending axially thereof and having a plurality of nozzles positioned to direct fluid jets through said surface above said receiving means, an oscillatory arm carrying said pipe, means for supplying a fluid under pressure to said pipe through said arm, and means for oscillating said arm to move said pipe through an arc to lay said fiber in folds back and forth across said receiving means.

2,450,917

APPARATUS FOR STRIPPING PODS FROM MILKWEED PLANTS

Cortes F. Reed, Anoka, Minn., assignor to Federal Cartridge Corporation, Minneapolis, Minn., a corporation of Minnesota

Application July 8, 1944, Serial No. 544,081
4 Claims. (Cl. 130—30)



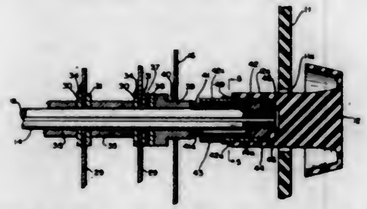
3. An apparatus for stripping pods from milkweed comprising a rotatable raking means comprising a plurality of spaced rake elements mounted for rotation on a shaft and extending outwardly therefrom, the outer ends of the rake elements being curved rearwardly with respect to the direction of the rotation of the shaft, a grate structure composed of a plurality of spaced bars, said bars being bent and having a horizontal portion and a vertical portion, said shaft being disposed beneath the horizontal portion of the bars, said rake elements extending between and above the bars at the horizontal portion and being retractable between the bars at the vertical portion and means for drawing the plants between the rake elements to strip the pods therefrom.

2,450,918

CONTROL APPARATUS FOR RADIO RECEIVERS

Leslie L. Royal, Chicago, Ill., assignor to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois

Application April 6, 1946, Serial No. 660,027
15 Claims. (Cl. 74—10)



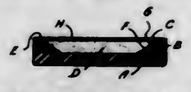
1. In a frequency control device for a radio receiver or transmitter including a movable control element for varying either the inductance or capacitance of a tuning circuit, a selecting member carried on said control element for both fixed and relative movement therewith, frictional means for locking said member and said element in a fixed relative position, and actuating means engageable with said member to move said member and consequently said element as a unit to a position predetermined by the relative position of said element and said member; means for controlling the condition of said frictional means comprising, manually engageable means independent of said actuating means for moving said control element, a bevelled member movable with respect to said control element for increasing or decreasing the frictional effect of said frictional means, a collet having spring fingers at one end thereof engaging the beveled surface of said member, and means responsive to a predetermined movement of said manually engageable means for causing said collet to move said beveled member to vary the condition of said frictional means.

2,450,919

POWDER APPLICATOR

Garland D. Runnels, Seattle, Wash.

Application January 14, 1942, Serial No. 426,667
8 Claims. (Cl. 15—131.1)



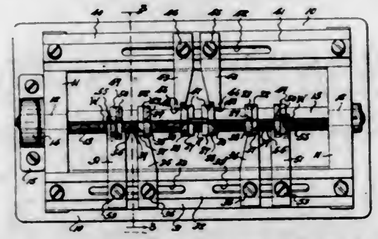
6. In a powder applicator, a body of pliable rubber of substantial thickness so as to be held in the hand when the applicator is in use and having a pocket formed therein which is open at one face of the body, the pocket being surrounded on its sides by a self-sustaining rim of the rubber and being for the reception of powder to be applied to the skin by the applicator, and a cloth having a soft pile outer surface, the cloth being stretched across the opening and sealed to the outer surface of the rim so as to close the opening and the pocket against the escape of powder from the applicator, except from that portion of the cloth which is exposed over the opening, whereby application of the powder to the skin is readily controlled by the user.

2,450,920

WIRE CUTTING AND BENDING PRESS

John A. Shand, West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application May 30, 1945, Serial No. 596,630
5 Claims. (Cl. 140—71)



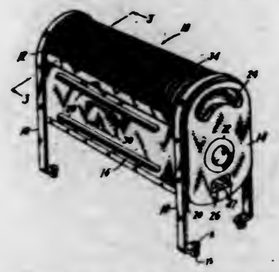
1. A press for the purposes described comprising a framework, a longitudinal rock-shaft centrally journaled in said framework, means to actuate said rock-shaft, wire carriers on said rock-shaft, means to yieldably hold said rock-shaft and its actuating means in a normal initial position adapted to dispose said wire carriers in normal initial upstanding positions, said wire carriers having force pins upstanding from their free ends to engage and hold wire to be operated upon, anvil members supported by said framework to project from one side thereof in opposition to certain of said wire carriers, other anvil members supported by said framework to project from the opposite side thereof in opposition to other of said wire carriers, said wire carriers being adapted to be moved by actuation of said rock-shaft, whereby to engage the wire between said force pins and anvil members to produce desired wire bending effects.

2,450,921

ELECTRIC SPACE HEATER AND METHOD OF MAKING

John Ernest Smith, Plainfield, N. J.

Application May 4, 1946, Serial No. 667,278
8 Claims. (Cl. 219—38)



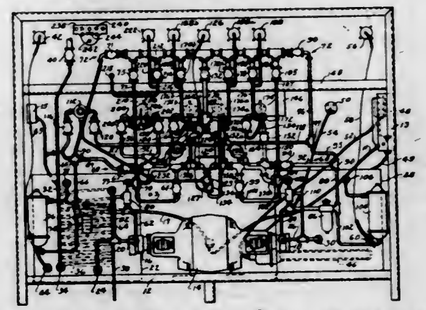
1. In an electrical space heater, a heating core comprising an aluminum body enclosing a resistance element and having a plurality of spaced apart fins held in and by said body, terminals extending from one end of said body, brackets secured to the end fins of said core respectively, and a casing comprising parallel side plates enclosing side edges of said fins, end plates having inturned flange portions and enclosing the ends of said finned heating core, supporting legs for the heater and positioned along said flange portions, the side plates and flange portions interfitting, and screw means securing together the side plates, the supporting legs, the flange portions and the brackets whereby the sides and ends of the heating core are enclosed and the bottom and top are open to cause circulation of air into the bottom of the casing, upwardly through the fin spaces and out of the top of the casing.

2,450,922

OIL REGULATOR TEST STAND

Carl J. Snider, Dayton, Ohio.

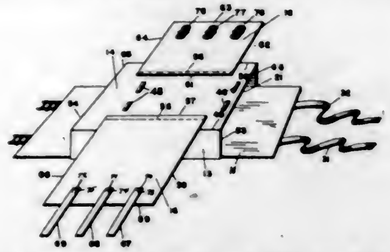
Application November 26, 1945, Serial No. 630,966
1 Claim. (Cl. 73—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



A stand for testing oil regulator valves and the like, which comprises, in combination, a cold oil pump, a hot oil pump, power means for driving both pumps, a relief valve for each pump, a cold oil tank in communication with the suction side of the cold oil pump, a hot oil tank in communication with the suction side of the hot oil pump, a cooling coil in said cold oil tank, valve means to control flow of a coolant through said cooling coil, electric heating means in said hot oil tank, means to control flow of electric current through said electric heating means, an oil temperature gauge for each tank, an upper header, a lower header, a temperature gauge for each header, valve controlled header supply passageways connecting both headers to the cold oil pump, valve controlled header supply passageways connecting both headers to the hot oil pump, valve controlled header/ return passageways connecting both headers to the cold oil tank, valve controlled header return passageways connecting both headers to the hot oil tank, a mixing valve having selectively controlled inlet passageways, one from each pump, and a discharge passageway having a valve controlled branch extending to each header, an accumulator in said discharge passageway, a gauge connected to indicate oil temperature within said accumulator, a sink, adapter pads within the boundary of and above said sink, each said pad having three test openings for connection to corresponding openings in the valve to be tested, a valve controlled passageway connecting the lower header to the front test opening, a valve controlled passageway connecting the lower header to the middle test open-

ing, a valve controlled passageway connecting the upper header to the rear test opening, a three-way valve in the passageways adjacent the test openings, said three-way valves each being adapted to direct oil either to the test opening, to the sink, or to shut off the oil from the test opening, and selectively controllable valves for draining the oil in the sink back to one or the other or both of said tanks.

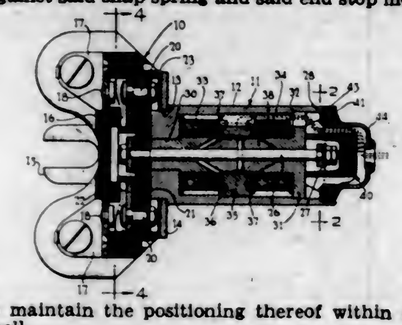
2,450,923
COMBINATION MATTRESS COVER AND BLANKET RETAINER
Edward H. Spiro, Jr., New York, N. Y.
Application January 15, 1945, Serial No. 572,791
7 Claims. (Cl. 5—354)



1. A cover and retainer (for use with a mattress, a sheet, and a blanket) comprising: a casing having top, bottom and side panels, and head and foot open ends through which the mattress may be inserted or removed; said bottom panel being shorter in length than the mattress; said top panel being longer than the length of the mattress so that the ends may be folded downwardly and inwardly about the ends of the mattress; means, a portion of which, is adapted to lie below the bottom of the mattress for detachably interconnecting the opposed ends of the top panel; a pair of wings connected to the bottom panel along longitudinal lines spaced inwardly a substantial distance from the longitudinal edges of the bottom panel, said wings having sufficient width to extend upwardly over the side panels of the casing and to approach each other; and means to adjustably interconnect said wings in a position above the top panel; said sheet and blanket being adapted to overlie the top panel and have their longitudinal edges folded inwardly to frictionally engage between the bottom panel and the portions of the wings lying therebelow.

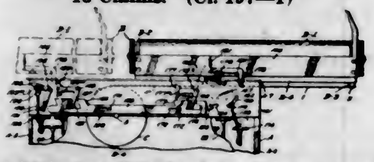
2,450,924
ELECTROMAGNETIC SWITCH
William E. Stilwell, Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Continuation of application Serial No. 378,066, February 8, 1941. This application September 18, 1943, Serial No. 502,924
2 Claims. (Cl. 175—337)

1. Electromagnetic means, comprising a magnetic shell formed with a plurality of concentric bores of successively smaller diameters, the line of demarcation between successive bores being of the nature of angular shoulders, magnetic end stop means and an intermediate magnetic annular member positioned within said shell by engagement with said shoulders, an armature slidably positioned within said annular member for operation between said end stops, a snap spring operatively associated with said armature, and cap means disposed within said shell and bearing against said snap spring and said end stop means



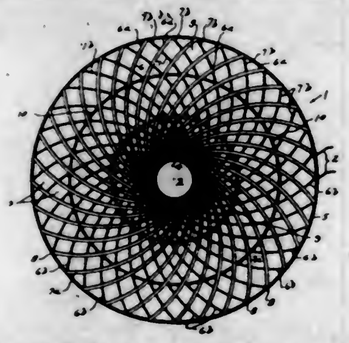
to maintain the positioning thereof within said shell.

2,450,925
CARRIAGE CONTROLLED STOP SETTING AND KEY OPERATING MECHANISM FOR TYPEWRITING MACHINES
Ferdinand J. Tillman, St. Louis, Mo.
Application June 25, 1942, Serial No. 448,375
13 Claims. (Cl. 197—1)



3. A typing machine having a frame, a carriage on the frame having means for propelling it in one direction, a stop on the frame to limit the return movement of the carriage, key levers, setting means cooperable with one of the key levers and said stop, and means on the carriage to actuate said setting means and the key lever cooperable therewith.

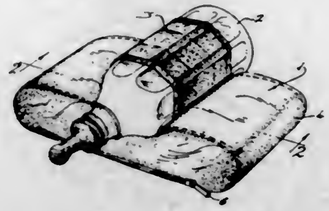
2,450,926
PARACHUTE MADE OF SELF-SUPPORTING RIBBONS WHICH ARE COMPOSED OF BROAD AND NARROW BANDS
Friedrich Stefan Weinig, Stuttgart-Moehringen, Germany
Application August 18, 1947, Serial No. 769,284
9 Claims. (Cl. 244—145)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A parachute canopy having an apex vent, composed of load-sustaining ribbons of unequal

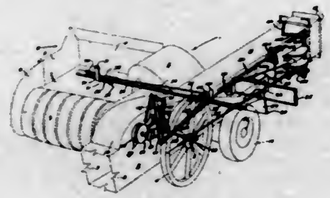
width throughout their length extending across the top of the canopy in pairs at opposite sides of the vent from points at opposite sides of the canopy equally spaced around the skirt of the canopy to provide a canopy of load-sustaining ribbons crossing each other obliquely to form rhombic-shaped openings throughout the canopy area.

2,450,927
BOTTLE HOLDER
Paul E. Allen, Skokie, Ill., assignor to Baby's Pal Company, Chicago, Ill., a corporation of Illinois
Application October 11, 1944, Serial No. 558,133
2 Claims. (Cl. 248—104)



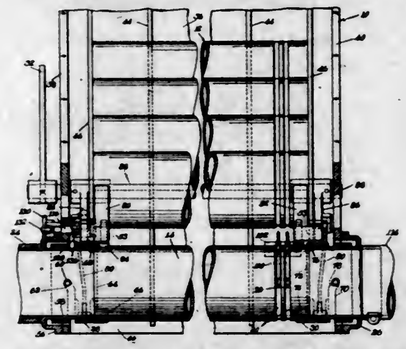
1. A bottle holder for nursing bottles comprising an outer bag and an inner bag fitting conformably within and completely enclosed by but readily removable from or replaceable in the outer bag, the inner bag being provided with a filler consisting of a shiftable and loose mass of relatively heavy mobile particles adapted to conform to a surface on which it is placed for retaining the holder and bottle in any desired position for nursing an infant, the outer bag being formed of a washable fabric providing a protective covering for the inner bag, a closure provided along one edge of the outer bag for quick insertion or replacement of the inner bag with its filler, and an elastic band on and forming an integral part of the upper surface of the outer bag for receiving and retaining a nursing bottle thereon.

2,450,928
HAY BALER
Ira E. Allison, McLoud, Okla.
Application October 8, 1945, Serial No. 620,924
4 Claims. (Cl. 100—24)



1. In hay baling apparatus, the combination with mechanism for driving a divider into a body of compressed hay, of; power driven means for re-setting the mechanism; and power driven means for withdrawing the divider from the hay body.

2,450,929
ROCKET LAUNCHER
Fred Ashworth, Wenham, and Chester W. Carter, Topsfield, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application September 25, 1946, Serial No. 699,120
11 Claims. (Cl. 89—1.7)



3. In a launcher for tube-mounted rockets, a firing tube, rocket-tube holding means associated with said firing tube, and mechanism operable in one direction to move said holding means into flash-tight engagement with the ends of a rocket-tube in firing position, said mechanism being operable in another direction to separate said holding means from the rocket-tube whereby the latter is permitted to fall out of the launcher by gravity.

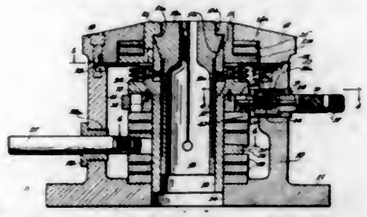
2,450,930
ELECTRICAL BRIDGE NETWORK
Theodore Baclawski, Philadelphia, Pa., assignor to Philco Corporation, a corporation of Pennsylvania
Application October 3, 1945, Serial No. 620,154
7 Claims. (Cl. 323—75)



1. An electrical network having a pair of input terminals and a pair of output terminals, said network comprising a set of bridge networks connected in cascade, the one of said bridge networks which contains said input terminals comprising two resistors each of value 3R ohms, a capacitor of value C farads, and an inductor of value L henries, said values being chosen so that the equaiton $R^2=L/C$ is substantially satisfied, said input terminals being placed one at the junction of said two resistors and the other at the junction of said capacitor and said inductor, the second of said bridges being of the same configuration as the first with its input terminals connected one to the junction of one resistor and the capacitor in the first bridge, and the other to the junction of the other resistor and the inductor in the first bridge, the values of the components of said second bridge being proportioned so that the resistors are each of

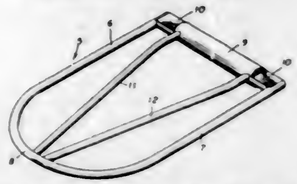
value 9R ohms, and the ratio of the values of the inductor and capacitor of said second bridge being substantially equal to the square of 3R.

2,450,931
CHUCK
William V. Bault, Watseka, Ill.
Application December 27, 1945, Serial No. 637,341
10 Claims. (Cl. 90—56)



1. A chuck comprising a housing, a contractible work-engaging generally cylindrical collet rotatably supported in the housing, a sleeve surrounding the collet and mounted in the housing for axial movement relative thereto, cooperating cam means supported by the collet and sleeve for contraction of the collet upon axial movement of the sleeve, a wedge ring surrounding the sleeves and confined to axial movement therewith, an elliptical wedge ring surrounding the sleeve and cooperating with the first wedge ring, means supporting the elliptical wedge ring from the housing for movement transversely of the axis of the sleeve, and means for selectively rotating and securing the collet about its axis in said housing.

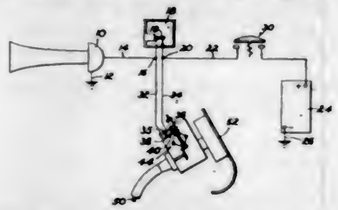
2,450,932
TEXTILE SPREADER
Edward S. Beard, Spring City, Pa.
Application February 27, 1947, Serial No. 731,184
2 Claims. (Cl. 26—55)



1. A tubular fabric spreader for use in the textile industry comprising a frame including a U-shaped portion, a base rod between the ends of the limbs of said U-shaped portion, said base rod having a cylindrical central portion and reduced end-portions, the reduced end-portions being connected to the adjacent ends of the limbs of the U-shaped portion, and a pair of converging reinforcing rods within the confines of said U-shaped portion and connected at their diverging ends to the base rod and connected at their converging ends to the inner marginal surfaces of the central region of the bight of said U-shaped portion, all portions of said frame being in the same plane.

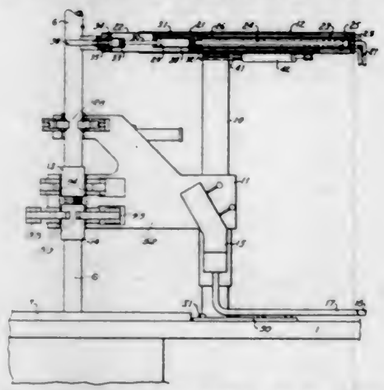
2,450,933
HORN CONTROL
Lawrence D. Bell, Eggertsville, N. Y., assignor to Bell Aircraft Corporation, Wheatfield, N. Y.
Application April 5, 1946, Serial No. 659,706
5 Claims. (Cl. 177—7)

1. A horn control system for automobiles comprising an operating circuit, sound producing means controlled by said circuit, a source of electric current supply, a single manually controlled and normally open switch, an automatic make-and-break switch device continuously actuated during energization substantially at constant frequency and independently of vehicle speed, said sound means, said manual switch, and said make-and-break switch being connected in said operating circuit in series with each other, a shunt circuit directly connected in parallel with said



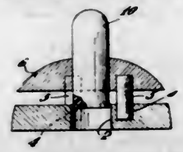
make-and-break switch to by-pass the last mentioned switch and to allow maximum current to flow to the sounding means, a normally open control switch for closing said shunt circuit, and means geared to the automobile for movement in response to variations of speed of travel thereof, said last mentioned means being coupled to said shunt switch for actuation thereof to closed position during operation of the automobile under speeds exceeding a preselected speed of travel.

2,450,934
WELL PIPE HANDLING APPARATUS
Ingram X. Calhoun, Oklahoma City, Okla.
Application May 25, 1946, Serial No. 672,273
5 Claims. (Cl. 255—35)



1. Pipe handling equipment for well drilling including in combination with a single supporting post adjacent the drill hole of a well, providing a common mounting for said equipment, the latter comprising a frame oscillatably and vertically displaceable on said post, a jaw carrying member supported by said frame for holding a pipe string in said drill hole, a complementary jaw carrying member above said first member for rotating a pipe section suspended above said pipe string, a third jaw carrying member above said second member for imparting to said suspended pipe section rapid rotation preliminary to the action of said second member, a pipe manipulating arm oscillatably mounted on the upper end of said post and having pipe engaging jaws, hydraulic means associated with each of said members and said manipulator arm for actuating the jaws thereof, a detachable control head on said frame and separate valve means in said head for controlling pressure fluid to and selectively actuating the hydraulic means in each of said jaw carrying members and said manipulator arm.

2,450,935
THERAPEUTIC DEVICE
Charles H. Carr, Boston, Mass.
Application July 10, 1946, Serial No. 682,459
2 Claims. (Cl. 128—1)

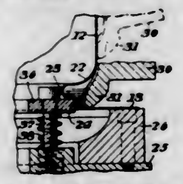


1. A therapeutic device comprising a base, a cap, the cap and base having alined openings, means for yieldingly holding the cap in spaced relation to the base, and a finger made of resilient material having a pressed fit within the opening in said cap, the outer end of said finger projecting from the outer face of said cap and its inner end projecting into the opening in said base with sufficient clearance to permit the cap and finger to be rocked universally relative to said base.

2,450,936
CONDITIONING OF DRILLING FLUIDS
William T. Cardwell, Jr., Whittier, Calif., assignor to California Research Corporation, San Francisco, Calif., a corporation of Delaware
No Drawing. Application February 26, 1945, Serial No. 579,892
8 Claims. (Cl. 252—8.5)

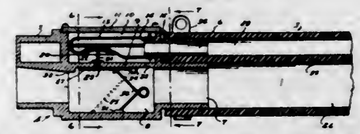
3. An aqueous mud-laden drilling fluid containing an effective amount, up to about 2 pounds per 42 gallons of fluid, of an alkali metal stannate substantially to reduce viscosity and to maintain reduced viscosity at temperatures encountered in well drilling.

2,450,937
APPARATUS FOR MAKING TUBS OR THE LIKE
Robert M. Chesney, deceased, late of Alliance, Ohio, by Jane L. Chesney, executrix, Youngstown, Ohio, assignor to The Alliance Porcelain Products Company, Alliance, Ohio, a corporation of Ohio
Original application November 29, 1941, Serial No. 421,014. Divided and this application April 5, 1945, Serial No. 586,718
3 Claims. (Cl. 153—48)



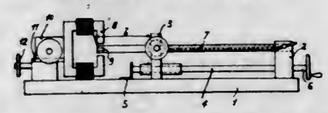
1. Apparatus for deforming a flat flange extending laterally from a contracted neck in a generally cylindrical member comprising a die ring having a flat surface adapted to engage the flange and a dished surface inwardly of the flat surface, against which the flange may be shaped, a plurality of segmental die blocks having inwardly projecting tongues adapted to engage the flange within the side wall of the member and force the flange against said dished surface, and pivotal mounting means for said blocks whereby they swing outwardly to clear said side wall.

2,450,938
AUTOMATIC SHUTOFF VALVE
Brooks W. Copeland, Prescott, Ariz.
Application June 24, 1946, Serial No. 678,915
2 Claims. (Cl. 226—127)



1. A shut-off valve for gasoline delivery hoses comprising a valve body and a flexible nozzle thereon having a gasoline delivery channel and an air pressure channel; said valve body having a gasoline flow channel connected to said gasoline delivery channel and a bulb compartment having a bulb connected to said air pressure channel, a hinged clapper valve operative in said flow channel and arranged to close in the direction of gasoline flow thru them, and a spring normally holding said valve in opened position out of said gasoline flow channel; a pressure plate operative in said bulb compartment, having a stem in operative relation to said valve; an inflatable bulb connected with the air pressure channel of said nozzle positioned in said bulb compartment and arranged to move said pressure plate stem against said valve tab when inflated so as to initiate closing movement of said valve when back pressure of air is applied by immersion of said nozzle; said valve being arranged so that the said initial closing movement positions it in said flow channel whereby flow of gasoline therethrough forces it to fully closed position.

2,450,939
VIBRATION FATIGUE TESTING METHOD AND MACHINE
Pierre Cor, Paris, France
Application April 20, 1940, Serial No. 330,782
In France April 20, 1939
Section 3, Public Law 690, August 8, 1946
Patent expires April 20, 1959
6 Claims. (Cl. 73—67)



1. A machine for testing the vibration fatigue of materials in the form of test pieces, comprising a main frame, a fixed vise mounted upon said main frame and adapted to clamp one end of said test piece, a vise whose position is adjustable along the test piece, a clamping device mounted on the said adjustable vise and adapted to clamp the test piece at an intermediate point with a given pressure, a first carriage slidable on the said main frame, a second carriage slidable on the first carriage in a direction perpendicular to that of the first carriage, an electro-magnet mounted on the second carriage and adapted to act upon the free end of the test piece in order that it will oscillate, and indicating means which are responsive to the amplitude of the oscillations of the test piece.

2,450,940

POLYAMIDES FROM POLYMERIC FAT ACIDS

John C. Cowan, Lee Bert Falkenburg, and Howard M. Teeter, Peoria, and Philip S. Skell, Urbana, Ill., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application April 20, 1944, Serial No. 531,966
3 Claims. (Cl. 260—404.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

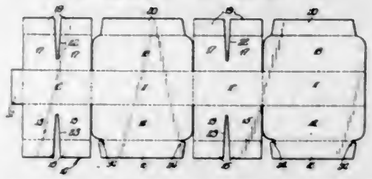
1. A process of preparing a hard, fusible, polyamide resin soluble in butyl alcohol and insoluble in ethers, esters, and ketones, and having a molecular weight within the range 3,000 to 5,000, and a melting point no lower than 70° C., comprising heating a polymeric substance of the group consisting of polymerized polyene fatty acids, and the esters and anhydrides thereof, with an equivalent amount of ethylene diamine, the temperature of the reaction being maintained initially at no higher than 160° C for at least one hour, and thereafter raising the temperature to within the range 175°–225° C. and maintaining it there for a time sufficient to form the said hard, fusible, polyamide.

2,450,941

SHIPPING, STORAGE, AND DISPLAY CARTONS

Walton B. Crane, Los Angeles, Calif., assignor to Alpak, Los Angeles, Calif., a copartnership

Application August 25, 1943, Serial No. 499,909
8 Claims. (Cl. 229—27)



1. An article of the character described, which comprises a shipping, storage and display device comprising a single blank of cut and scored board material and which, when folded and secured into container formation, constitutes continuous end and side walls having inner and outer bottom and top walls integral therewith, longitudinal partitions connected to outer walls and cross partitions connected to inner walls, said cross partitions and said inner walls having slots to receive said longitudinal partitions, the distance between the bottoms of the slots being less than the length of the walls which are parallel to said longitudinal partitions, and the bottom ends of said longitudinal partitions having adjacent locking notches interlockingly engaging the bottoms of said inner wall slots, and the length of the lower longitudinal partitions adjacent said locking notches within said container being greater than the distance between the bottoms of said slots.

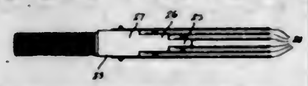
2,450,942

MULTIPLE BLADE HACKSAW

Thomas Donnelly, Wilmington, Calif.

Application March 8, 1946, Serial No. 653,097
2 Claims. (Cl. 145—31)

2. Blade-holding and tensioning means for a hacksaw, comprising a pair of bolts, each bolt having a shank including opposed outer side faces and a free end, both of said side faces comprising a plurality of inwardly offset stepped portions toward said free end, and means on each stepped portion for detachably connecting a hacksaw blade thereto, means mounting said bolts in longitudinally spaced relation with corresponding



stepped portions opposed and aligned, means for tensioning said bolts, said means on each pair of aligned stepped portions of said bolts being each adapted to support a blade of different length.

2,450,943

BRAKE PEDAL LOCK

Rexford D. Downing, Rock Island, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application October 25, 1946, Serial No. 705,514
8 Claims. (Cl. 74—534)



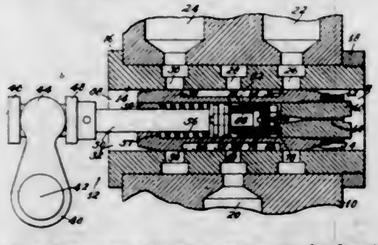
1. In a vehicle having separate mechanical brakes for wheels on each side thereof, separate arcuately depressible brake pedals connected respectively to said separate brakes, said brake pedals swingable about a common axis, an arcuate ratchet rack pivoted to the vehicle spaced from said common brake pedal axis and projecting between the adjacent brake pedals, pawl means on each of said brake pedals, said arcuate ratchet rack normally engageable by both of said pawls, said pawls arranged and constructed to permit depressing of each of said brake pedals independently of the other and to automatically prevent return movement of said brake pedals, and means for releasing said brake pedals.

2,450,944

DITHERING VALVE

Fred C. Eastman, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application October 12, 1944, Serial No. 558,354
11 Claims. (Cl. 137—139)



1. A valve comprising a valve body having a chamber with an intermediate fluid inlet port and two spaced ports, a valve member slidable in said chamber with lands arranged to control fluid flow from the inlet port to the two spaced ports, a control member projecting from one end

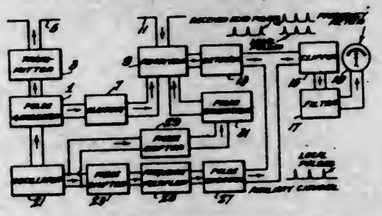
of the chamber, and means within the valve member responsive to fluid pressure from the inlet port to effect vibration of the valve member with relation to the control member.

2,450,945

PULSE-ECHO MOTION DETECTOR

Thomas T. Eaton, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application September 13, 1941, Serial No. 410,693
9 Claims. (Cl. 343—8)



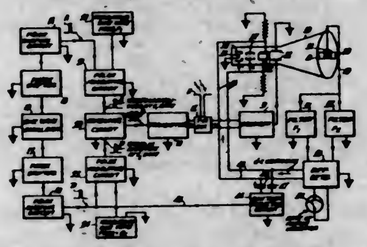
3. A pulse-echo system for indicating motion of a pulse-reflecting object including, in combination, means for radiating pulses of energy toward said object, means for receiving said pulses after reflection from said object, means for establishing a delayed set of pulses corresponding to said radiated pulses, a combining circuit connected to said receiving means, said combining circuit including means responsive to the combined amplitudes of coincident received pulses and established pulses and nonresponsive to noncoincident pulses, and means connected to said combining means for indicating the frequency of such coincidence.

2,450,946

PULSE-ECHO RADIO VELOCITY INDICATOR

John Evans, Kingston, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application April 25, 1944, Serial No. 532,639
6 Claims. (Cl. 343—8)



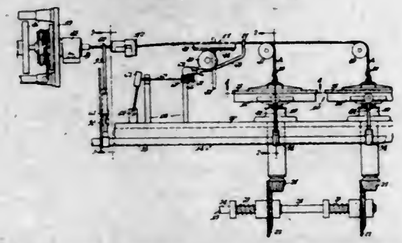
1. In a system wherein there is a cathode ray tube having means for producing an electron beam, the method of determining the speed of a moving object which comprises producing regularly recurring radio pulses, transmitting said pulses toward said object, receiving said pulses after reflection, modulating said electron beam by said received pulses while sweeping it along a time axis in synchronism with the pulse transmission, utilizing the electrons of said beam during the electron beam modulation by said pulses to center the beam trace of said pulses on said time axis, and indicating the resulting amount of centering control whereby the rate of motion of said object is indicated.

2,450,947

TWINE MAKING MACHINE

Harold Flater, Ernst Teodor Waernhoff, and Nils Gunnar Franson, Norrkoping, Sweden, assignors to International Harvester Company, a corporation of New Jersey

Application June 15, 1946, Serial No. 677,020
In Sweden June 25, 1945
7 Claims. (Cl. 57—32)



1. A twine-making machine comprising in combination, a plurality of spinning disks, each of said disks supporting a spool of paper strip, twisting means associated with each disk for individually twisting said strips into twisted strands, impregnating means for impregnating the twisted strands, means for driving said spinning disks, a brake associated with each spinning disk, and means operable to actuate said brake upon the breaking of said twisted impregnated strands.

2,450,948

METHOD OF MAKING ELASTIC FABRICS

Boutwell H. Foster, Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey

Application September 26, 1947, Serial No. 776,383
7 Claims. (Cl. 28—73)



1. The method of making an elastic fabric, which includes the steps of forming a shrinkable yarn by twisting together a non-thermoplastic yarn and a heat-shrinkable resinous filament, forming a loosely constructed fabric embodying this shrinkable yarn, heating the fabric sufficiently to contract the shrinkable yarn in situ and thereby contract the fabric, bonding a sheet of rubber to a face of the contracted fabric, and heating the fabric to destroy said filaments so that the contracted fabric and rubber sheet can be stretched together.

2,450,949

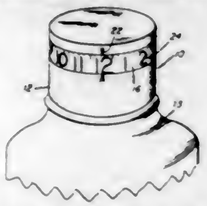
BOTTLE CAP

Salvadore Gattuccio and Leland G. Cerruti, San Jose, Calif.

Application June 18, 1947, Serial No. 755,496
1 Claim. (Cl. 116—121)

A bottle cap comprising an internally threaded sleeve having an integral closure plate at one end, an annular channel provided in the outer surface of the closure plate having opposed annular, substantially horizontal bearing surfaces and an annular substantially vertical bearing surface, an internally toothed ring gear rotatably mounted in said channel having an upper annular edge and a lower annular edge for engaging the hori-

zontal bearing surfaces of the channel, a fixed protuberance carried by the vertical bearing surface of the channel for selectively engaging the



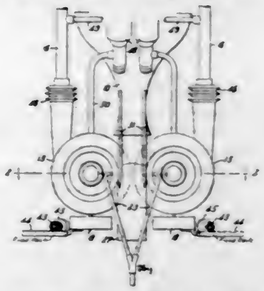
teeth of the ring gear, indicia provided on the outer surface of the ring gear, and a pointer carried by the outer surface of the closure plate for registering with the indicia on the ring gear.

2,450,950

GAS BLAST ACTUATED AUXILIARY TURBINE FOR GAS BLAST PROPELLED CRAFT

Robert H. Goddard, Annapolis, Md.; Esther C. Goddard executrix of said Robert H. Goddard, deceased, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y., a corporation of New York

Application June 11, 1945, Serial No. 598,755
9 Claims. (Cl. 60—35.6)



1. An auxiliary power device for gas blast propelled craft comprising a plurality of turbines mounted on the craft with the blades of said turbines engaging symmetrically disposed peripheral portions only of the propulsion blast.

7. An auxiliary power device for gas blast propelled craft comprising a plurality of turbines mounted on the craft with the blades of said turbines engaging symmetrically disposed peripheral portions only of the propulsion blast, and means movable into the propulsion blast between said turbines to direct substantially the entire blast into engagement with the blades of said turbine.

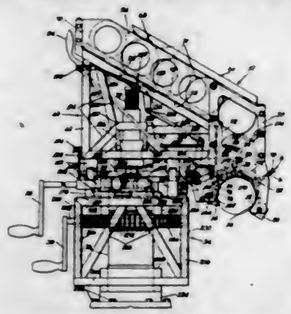
2,450,951

ROCKET LAUNCHER

William V. Goodhue, Ipswich, and Chester W. Carter, Topsfield, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application September 25, 1946, Serial No. 699,294
3 Claims. (Cl. 89—1.7)

1. In a rocket launcher, a launching way, a magazine through which rockets are advanced by gravity toward a firing position on said way, a gate for controlling the advance of the rockets into firing position, said gate being mounted to move in synchronism with the advance of the leading rocket into the firing position, means for immobilizing said gate to stop the leading rocket short of the firing position, and connections actuated by one rocket of a succession of rockets be-



hind the leading rocket for rendering said means inoperative until the supply of rockets in said magazine has been reduced to a predetermined number.

2,450,952

PHOSPHATE CEMENTS

Herbert H. Greger, Washington, D. C.

No Drawing. Application January 6, 1945, Serial No. 571,672
5 Claims. (Cl. 106—121)

1. A dry cement mixture comprising components reactible upon admixture with water to form a chemical setting cement, said components consisting of water soluble aluminum phosphate ranging from mono- to di-aluminum phosphate and a magnesium compound from the group consisting of magnesia, olivine, magnesium silicate, and mixtures thereof, the ratio by weight of aluminum phosphate to the magnesium compound ranging from about 1:8 to 1:2.

2,450,953

ESCHAROTIC SOLUTION FOR DEHORNING CALVES

James E. Guthrie, Ashland, Ohio, assignor to Dr. Hess & Clark, Inc., Ashland, Ohio, a corporation of Ohio

No Drawing. Application June 3, 1946, Serial No. 674,048
2 Claims. (Cl. 167—53.2)

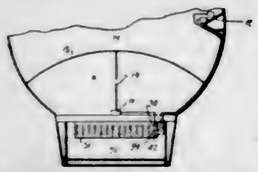
1. A dehorning solution for dehorning young calves comprising antimony chloride, as sole active dehorning ingredient, dissolved in a nitrocellulose lacquer.

2,450,954

MEANS FOR INDICATING THE STATE OF GAS IN CELLS OF AIRCRAFT

Charles S. Hall, New York, N. Y.

Application September 4, 1945, Serial No. 614,314
4 Claims. (Cl. 244—97)



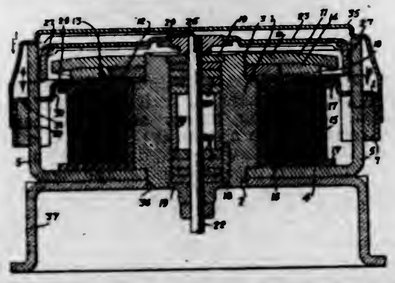
1. In lighter-than-air craft, a gas-holding cell comprising an envelope having a curved peripheral wall, said wall being adapted to assume a circular shape under maximum pressure conditions in said cell and a portion of said wall being adapted to assume a reversely curved shape under less than maximum pressure conditions, and means for indicating the position of the mentioned wall portion and, consequently, the volume of the gas in the cell, said latter means comprising a volume indication transmitting unit associated with the cell, a volume indication receiving device operatively connected with the transmitting unit and remotely located with respect thereto, and means operatively connecting the mentioned wall portion and said volume indication transmitting unit comprising a reel on said unit and a line controlled by the reel and connected to a mid-point of said wall portion.

2,450,955

SYNCHRONOUS MOTOR

William L. Hansen and Ira N. Hurst, Princeton, Ind., assignors to Hansen Mfg. Company, Princeton, Ind., a corporation of Indiana

Application July 31, 1947, Serial No. 765,110
6 Claims. (Cl. 172—278)



1. In a synchronous motor, a magnetic core, a coil surrounding said core, a magnetic field member mounted on one end of said core and having outer pole pieces disposed axially in a substantially cylindrical path, a second magnetic field member mounted on the other end of said core and having inner pole pieces disposed radially with their tips spaced from the tips of the axial pole pieces to leave a continuous annular opening between the pole tips, a rotor positioned within said annular opening, and a shading ring positioned adjacent to and intertwining said outer pole pieces and arranged to shade alternate outer pole pieces, and means mounted on said core between said second magnetic field member and said coil for maintaining said outer pole pieces rigidly in position with respect to the inner pole pieces.

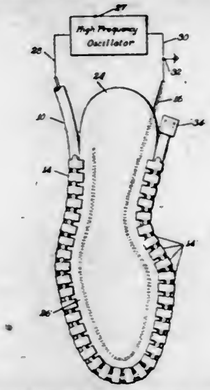
2,450,956

ELECTRODE RETAINING CLAMPS FOR MARGINAL BONDING WITH HIGH-FREQUENCY ELECTRIC FIELD

George T. Hart, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application August 17, 1946, Serial No. 691,222
6 Claims. (Cl. 219—47)

1. In a device of the class described, an elongated flexible electrode, a series of two-sided clamps, adapted to be distributed along the periphery of two parts which are to be joined by a thermoactive cement, to press these pieces together, and means on said clamps for supporting said electrode in insulated relation to the clamps and in a position adjacent to the periphery of the work whereby a high-frequency electric field may be set up between electrodes of which this is one,



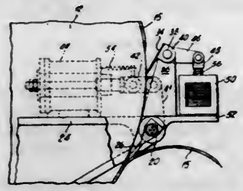
said field traversing a margin of the work to activate the cement.

2,450,957

ROLL STRIPPING MECHANISM

Louis A. Hawthorne, Hillside, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York

Application February 17, 1945, Serial No. 578,526
9 Claims. (Cl. 92—66)



9. In combination with a rotatable accumulator roll, a stripper bar extending lengthwise of the roll, a plurality of closely spaced fingers carried by said bar, means for mounting said bar for rotation to swing said fingers toward said roll into stripping position with the fingers pointing substantially opposite to said direction of rotation of the roll, a scraper supported above said stripper for movement toward and away from said roll, means controlled by the thickness of the sheet built up on the roll to rotate said stripper bar and move said fingers into stripping position, and means to cause said scraper to move against the roll in timed relationship to the movement of said fingers.

2,450,958

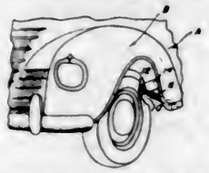
ADJUSTABLE FENDER SKIRT BRACE

Arthur R. Hayes, Cambridge, Ohio

Application March 18, 1946, Serial No. 655,138
1 Claim. (Cl. 280—152)

An adjustable brace adapted to support the skirted fender of an automobile from the chassis thereof, said adjustable brace being secured at one end to said skirted fender, and at the other end to the chassis of said motor vehicle, and comprising a pair of tubiform rod-like telescopically interfitted sections, which sections when adjusted in place are adapted to be welded together to provide a strong skirted fender supporting structure, the free end of one of said

tubiform sections being curved and flattened, and provided at its flattened portion with a flattened terminal ear, said ear being secured to said automobile chassis by a bolt and nut, and

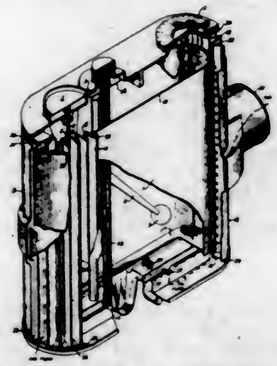


the free end of the other of said tubiform rod-like sections being provided with a flattened terminal ear so disposed as to permit securement of said terminal flattened ear to said skirted fender by means of a bolt and nut.

2,450,959
SILK SCREEN PRINTING INK
William Heinecke, New York, N. Y.
No Drawing. Application August 11, 1945, Serial No. 610,403
8 Claims. (Cl. 106—30)

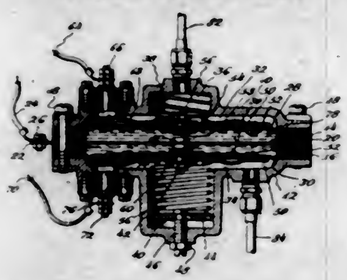
1. A silk screen printing ink consisting of a mixture of the reaction product of 100 g. shellac and 8 g. diethanol amine dissolved in a mixture of 200 g. iso propyl alcohol and 50 g. octyl alcohol; 125 g. bentonite; and 75 grams of carbon black, said ink being characterized by an absence of warping action on paper when applied thereto, removable from the screen by a water wash and a drying time of about 15 minutes at room temperature.

2,450,960
OIL TANK AND COOLER ASSEMBLY
Ralph M. Heintz, Cleveland, Ohio, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio, a corporation of Delaware
Application September 12, 1945, Serial No. 615,815
4 Claims. (Cl. 257—191)



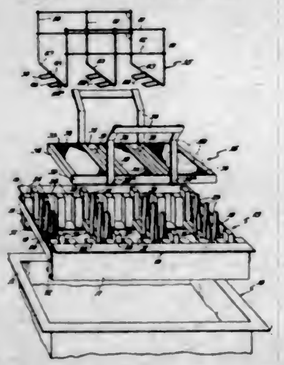
1. In an oil tank and cooling assembly therefor, a main oil reservoir, an outside shell surrounding said oil reservoir, an inlet for flow of hot oil in the bottom of said shell below the bottom of said oil reservoir, a plurality of vertical passages for oil flow therefrom between the walls of said oil reservoir and shell, an inlet from said oil passages into said oil reservoir, vertical passages alternately disposed on either side of said oil passages for air flow, said air passages being adapted to be filled with cool air sucked therethrough from the exterior of said shell by suction means for cooling the oil as it passes through said vertical oil passages into said oil reservoir.

2,450,961
ELECTRIC SWITCH
Seymour E. Heymann, Evanston, John H. Leslie, II, Winnetka, and William A. Marshall, Jr., Chicago, Ill., assignors to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application June 16, 1945, Serial No. 599,846
16 Claims. (Cl. 200—81.4)



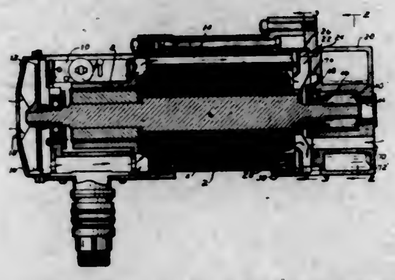
1. A pressure actuated switch device comprising a closed chamber, a pair of flexible diaphragms extending across said chamber in spaced relation with a quantity of fluid confined between them, a relatively rigid partition in the chamber disposed between said diaphragms and having a restricted orifice permitting limited flow of the fluid from one side of said partition to the other side, an electrical contact element carried by each of said diaphragms and electrical contact means carried by the partition in position to engage the other contacts, means for applying pressure against one of said diaphragms and yielding means reacting in the opposite direction against the other diaphragm.

2,450,962
DOUGHNUT COOKING ART
Carl J. Hornkohl and Freeland H. Leslie, Chicago, Ill.; said Leslie assignor to said Hornkohl
Application May 28, 1945, Serial No. 596,198
8 Claims. (Cl. 99—409)



1. In a doughnut cooking means for use with doughnut row forming means, a turn-over frame including a plurality of U-shape vertical struts, a strut having its bight at its lower end and having a plurality of doughnut contact fingers spaced along said bight and extending angularly thereto, and means connecting and spacing the struts to register with the rows respectively.

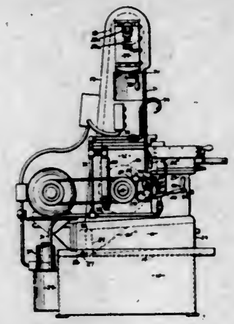
2,450,963
COOLING SYSTEM FOR ELECTRIC MOTORS AND HYDRAULIC PUMPS
Vaino A. Hoover, Los Angeles, Calif., assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif., a corporation of California
Application November 13, 1945, Serial No. 627,980
1 Claim. (Cl. 103—118)



In combination, an electric motor having a housing, a rotatable armature, a rotatable armature shaft, a commutator at one end of said shaft and drive means at the other end thereof, a casing providing an oil reservoir attached to the motor housing at the drive end of the motor in axially spaced relation to the armature to provide a chamber therebetween, said chamber having a peripheral wall having openings therein through which the interior of the chamber is communicated to atmosphere, a pump housing within said casing surrounding the drive end of the shaft having an opening through which the interior thereof communicates with the interior of the casing, pump means within said pump housing operatively connected to said shaft, a plurality of air ducts extending axially through said casing and at least partially surrounding said pump housing and opening to atmosphere at their outer ends and into said chamber at their inner ends, and a fan mounted on the armature shaft within said chamber for drawing air in one direction through said air ducts and in another direction through said motor and exhausting it through the openings in the peripheral wall of said chamber to simultaneously cool the oil in said casing, the pump housing and the motor.

2,450,964
MACHINE TOOL
Fraser A. Hurd, Liverpool, N. Y.
Application September 16, 1944, Serial No. 554,369
5 Claims. (Cl. 51—143)

5. A machine tool of the abrasive belt type comprising an enclosed housing having an opening in one side thereof, a support arranged in juxtaposition to the lower portion of said opening and extending outwardly therefrom, pulleys journalled in the upper and lower ends of said housing, an abrasive belt trained over said pulleys and having a portion exposed to said opening, an intermediate member slidably mounted on said support and movable toward and from the face of the belt, a work table slidably mounted on said intermediate member and movable transversely of and parallel to the face of the belt to move a work piece carried by the table from a work loading position to a work abrading position, a feeding means cooperable, upon actuation, with said support and said intermediate member to yieldingly move said intermediate member and the table carried thereby toward the belt, stop means carried by the support and cooperable with said intermediate member to limit movement of the latter toward the belt, and dash pot means cooperable with said support and said intermediate member to oppose movement of the latter by said feeding means.

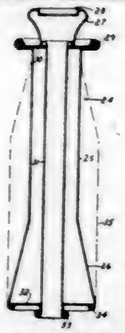


2,450,965
METHOD OF DETERMINING CORRECT CURVATURES OF LENSES AND SPACINGS THEREOF
John Henry Jeffree, Cobham, England, assignor to Combined Optical Industries Limited, Slough, England, a British company
Application February 23, 1945, Serial No. 579,392
In Great Britain October 29, 1943
5 Claims. (Cl. 88—57)



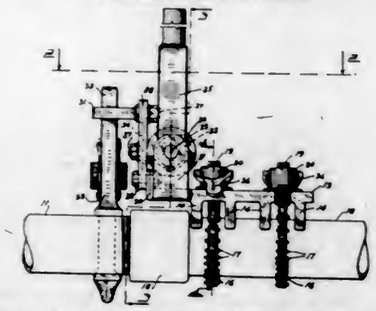
1. The method of determining the correct curvatures and dispositions of the surfaces of lenses in a proposed lens system, which comprises, forming thin test pieces of optical media similar to those to be employed in said system, representing axial sections of the components of said system, with their edges shaped proportionally to the curvatures deemed approximately correct for the said components, arranging the same in one plane on a common optical axis between an object and an observation point at distances apart between curved surfaces deemed appropriate for the lens surfaces in such system with said edges normal to a plane including said optical axis, directing light from said object through said test pieces, examining the resulting image at said observation point to determine the paths taken by the light through the test system, and forming other test pieces with curvatures of their edges altered with a view to correcting optical errors determined by such examination, substituting them, appropriately spaced, for test components previously used, and repeating the above described operations as required with altered test components until desired curvatures and disposition of the lenses of the proposed system are determined.

2,450,966
YARN SUPPORT
Albert W. Keight, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
Application August 1, 1945, Serial No. 608,139
2 Claims. (Cl. 242—118)



1. A yarn package support having a barrel comprising a hollow tube cylindrically shaped along the major portion of its length and conically shaped along the remainder of its length, said conically shaped portion flaring outwardly towards one end of said barrel, a flange at the other end of said barrel, and a hollow tube within and spaced from the interior of said barrel and having a portion thereof extending beyond the conically shaped portion of said barrel, said extending portion comprising means for receiving a magazine wrap or transfer tail.

2,450,967
COMBINED PIPE WRENCH AND VISE
John Keiser, Windsor, Colo.
Application January 27, 1947, Serial No. 724,654
3 Claims. (Cl. 81—53)



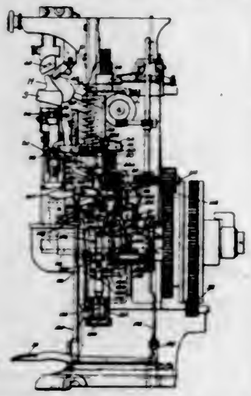
1. A pipe wrench comprising: a table portion adapted to rest upon the top a length of pipe adjacent one extremity thereof; means for securing said table portion to said length; a threaded shaft rotatably supported from said table and extending transversally of the axis of said length; a lever mounted on said shaft for oscillating the latter; a threaded nut on said shaft to move longitudinally thereof as said shaft is oscillating; a wrench lever hinged to said table to swing in a transverse plane to said pipe; means transmitting the movements of said nut to swing said wrench lever; a pipe wrench adapted to engage an adjacent pipe length; and means for transmitting the swinging movement of said wrench lever to said pipe wrench to cause the latter to screw the second length into the first length.

2,450,968
STOCKING PROTECTOR
Barbara B. Knubel, Westport, Conn.
Application March 4, 1947, Serial No. 732,197
2 Claims. (Cl. 36—70)



2. A device of the character described comprising a cylindrical sheath of pliable material having overlapping vertical front edges and whose upper portion is folded downwardly upon itself so as to form an upper cuff and which is adapted to be laid loosely around the lower portion of a person's leg, a U-shaped cross-strip attached to the lower edge portion of said sheath for fastening the latter beneath the instep, and means for detachably connecting the overlapping edges of said sheath to one another, the major portion of said sheath being adapted for being worn inside of a boot while its cuff is folded over the outer top section of the boot, all substantially as described.

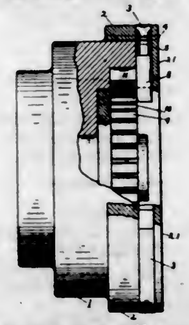
2,450,969
PRESSURE MECHANISM
John T. Lancaster, Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application March 10, 1945, Serial No. 582,043
24 Claims. (Cl. 1—32)



1. In combination, a frame, a work-support mounted thereon, a pressure member co-operating with the support, power mechanism acting to produce relative movement between the support and pressure member to clamp the work upon the support, a member movable by the operator to initiate the action of the power mechanism,

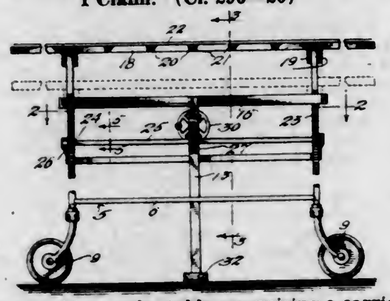
means for disconnecting the power mechanism from the clamping element being moved when the clamping pressure has attained a predetermined amount, a member secured to the clamping element and mounted to move therewith, a member secured against movement on the frame, and means for connecting the two last mentioned members together to prevent the movement of that secured to the clamping element.

2,450,970
CHUCK FOR INTERNAL GRINDERS
Herbert C. Lance, Rock Island, and Herman A. Hippen, Moline, Ill.
Application January 30, 1946, Serial No. 644,378
7 Claims. (Cl. 279—1)



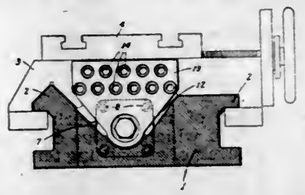
2. In an internal grinder, the combination with a revolvable chuck, of annular supporting means mounted upon the chuck, weighted means pivotally united to the supporting means, detaining means pivotally united to the weighted means arranged to be actuated by the relative movement of said weighted means and to bear against and detain a part held in the chuck for grinding when the chuck is revolving at a predetermined speed.

2,450,971
PATIENT TRANSFER CARRIAGE
Gerald C. Letch, Fort Sam Houston, Tex.
Application October 31, 1945, Serial No. 625,743
1 Claim. (Cl. 296—20)



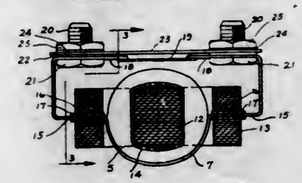
An invalid transfer table comprising a carriage, a platform mounted for vertical adjustment on the carriage, spaced parallel, laterally extending guide rods carried by the platform, a top for the platform having collars on its under side slidably mounted on said rods for movement into and out of position overlying an object on which a person is lying for moving the person onto or off of the table, upper end cross bars on said carriage with upwardly inclined end flanges, and end frames on said platform comformably fitting against said bars when said platform is lowered.

2,450,972
OPERATING MECHANISM FOR LATHES
Robert G. Le Tourneau, Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif., a corporation of California
Application June 10, 1946, Serial No. 675,632
1 Claim. (Cl. 82—32)



A lathe carriage operating means comprising a lathe bed, such bed consisting of a substantially solid metal block and including integral transversely spaced apart carriage ways, such bed being provided with a cylindrical bore adjacent one end of the bed, such bore being disposed below and between the ways, the bed being provided with an upwardly opening trough commencing at a point adjacent the inner end of the bore and extending toward the opposite end of the bed, said trough lying between the ways, a piston disposed for reciprocating movement within the bore, a piston rod on the piston projecting out of the bore and into the trough, and means on the outer end of the piston for connecting the same with a carriage riding the ways.

2,450,973
INSTRUMENT CURRENT TRANSFORMER WITH PART TURN WINDING
Frederick J. Lingel, Bluffton, Ohio, assignor to The Triplett Electrical Instrument Company, Bluffton, Ohio, a corporation of Ohio
Application April 28, 1945, Serial No. 590,839
2 Claims. (Cl. 175—358)



2. An instrument transformer comprising a laminated core of rectangular configuration and having a central leg on which is mounted a pair of windings, one of said windings completely surrounding the core leg, and the other of said windings only partially surrounding the core leg, the last mentioned winding passing through oppositely disposed portions of the core.

2,450,974
METHOD OF MAKING MULTIPLE CABLES FOR TERMINAL BANKS
Rudolph F. Mallina, Hastings on Hudson, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 19, 1942, Serial No. 447,729
17 Claims. (Cl. 29—155.5)

1. The method of fabricating a ribbon cable of wires by forming a flat layer of equally spaced wires in succeeding alternate rectangular and

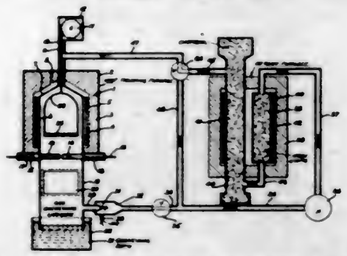
rhomboidally-shaped sections, securing a fabric covering to the rhomboidally-shaped sections and strips of fabric to the rectangular sections, folding the rectangular sections in one direction and the rhomboidally-shaped sections in another direction so that the folded rectangular sections form succeeding flat groups of loops of wires in a straight line.



9. The method of manufacturing a series of terminal banks in which groups of terminals in corresponding levels of succeeding terminal banks are multipled together by wire cables comprising fabricating a wire cable, connecting succeeding groups of terminals at intervals to said cable, cutting said cable in sections each including a predetermined number of succeeding groups and assembling these sections one on top of the other to form succeeding interconnected terminal banks.

17. The method of assembling terminal banks which comprises longitudinally advancing a plurality of insulation covered wires in a common plane, electrically connecting the corresponding terminals of successive individual groups each having the terminals thereof disposed in the same plane to selected wires at successive zones through the insulation of the wires, and finally assembling the groups in stacked banks.

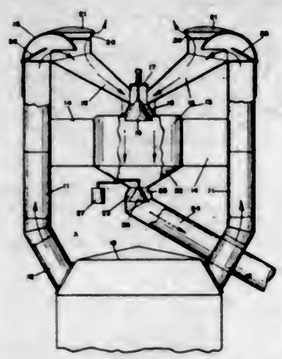
2,450,975
METHOD OF PRODUCING A NITROGEN ATMOSPHERE
Gordon J. Maxson, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application January 10, 1942, Serial No. 426,367
4 Claims. (Cl. 23—2)



1. A method of supplying nitrogen to an article treating apparatus which comprises passing air over heated iron particles, passing the gas thus prepared over heated carbonaceous material, and directing the gas from said material through the treating apparatus and back through the heated iron particles.

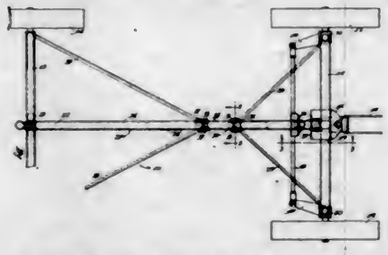
2,450,976
DUST ARRESTER FOR BLAST FURNACES
Reuben M. McKelvey, Johnstown, Pa.
Application October 3, 1945, Serial No. 620,101
3 Claims. (Cl. 266—31)

1. A device of the kind described, comprising a plurality of furnace top stacks, a receiving tank intermediate of the stacks, funnels establishing communications between the stacks and tank, caps crowning the communications between the stacks and funnels and having escape outlets, flap-like baffles at the tops of said stacks confined within said caps, a discharging spout leading



from the tank, and valves controlling communications between the funnels and the tank and the latter and the spout respectively.

2,450,977
VEHICLE REACH AND HOUND CONSTRUCTION
Gordon G. McNamara, Jr., Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application July 16, 1946, Serial No. 683,841
11 Claims. (Cl. 280—142)

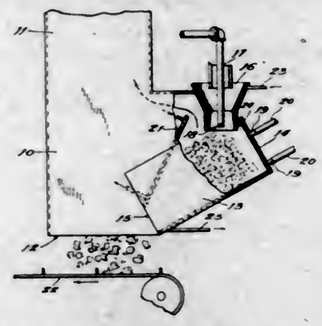


1. A vehicle comprising front and rear transverse axles, a longitudinal reach means between said axles including a first and second reach part connected together for relative longitudinal adjustment, hound members connected to said axles and extending angularly for connection to said reach means, said hound members and said first reach part having alined openings, a clamping means, and a radially inwardly extending member associated with said clamping means, said member engaging said alined openings and constructed and arranged to lock said hounds against longitudinal movement with respect to said first reach part.

2,450,978
METHOD AND APPARATUS FOR PRODUCTION OF EXPANDED SLAG
Arthur E. Meinzer, Birmingham, Ala., assignor to Wallace L. Caldwell, Birmingham, Ala.; Leona Templeton Caldwell executrix of said Wallace L. Caldwell, deceased
Application July 3, 1944, Serial No. 543,388
3 Claims. (Cl. 49—1)

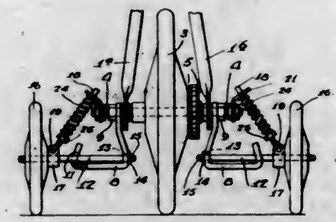
1. Apparatus for producing agglomerated particle masses of light weight cellular slag aggregate

from molten slag comprising a vertically extending chamber defining an upwardly opening path for discharge of gaseous products and a downwardly opening path for discharge of solid products, a horizontally inclined receptacle defining a slag expansion and granulation zone projecting into and the lower discharge end opening within said chamber, means adjacent the upper end of said receptacle for introducing a stream of molten slag and for impinging water against said slag stream in limited amount to reduce it to hot plas-



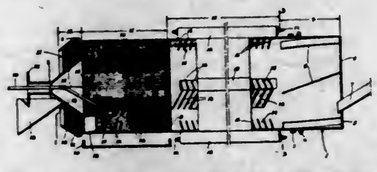
tic pellets of cellular slag, nozzle means opening within said receptacle for impelling said slag particles therefrom in a stream by means of high velocity jets of gaseous fluid, and a vertically extending baffle within said chamber adjacent the discharge end of said receptacle and inclined thereto to deflect the flight of the plastic pellets and to cause them to become amalgamated and welded together by impact into the form of relatively enlarged particle masses, and to be thereafter downwardly and externally discharged.

2,450,979
BICYCLE AND LIKE VEHICLES
Wilhelm Moller, Kirklyn, Pa.
Application July 11, 1946, Serial No. 682,869
11 Claims. (Cl. 280—293)



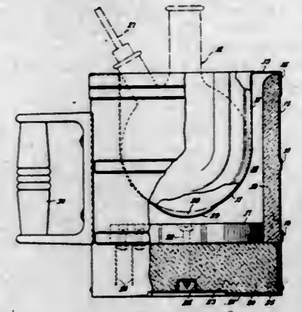
11. In a stabilizing device for bicycles and like vehicles, a pair of brackets to be secured on an axle of the vehicle at respectively opposite sides of a wheel thereon, spindles on said brackets pivotally supported thereby at their inner ends for vertical swinging movement, supplementary wheels on the outer extremities of said spindles, collars on said spindles inwardly adjacent said supplementary wheels, rods pivotally connected to said collars and inclined inwardly therefrom, arms fixed on the extremities of said axle of the vehicle slidably receiving the ends of said rods, and spring means associated with said rods and acting between said spindles and said arms tending to oppose swinging movement of said spindles.

2,450,980
SCRUBBER FOR REMOVING DIRT FROM AGGREGATES SUCH AS SAND AND GRAVEL
George Ernest Moyer, Alturas, Calif.
Application August 24, 1945, Serial No. 612,495
7 Claims. (Cl. 209—452)



7. An aggregate processing machine comprising a longitudinal trommel having a perforate aggregate separating section, means to feed water into said section, a dewatering section beyond said separating section, said dewatering section including a plurality of circumferentially spaced, inwardly projecting perforate dewatering units operative to receive and elevate aggregates from the separating section for draining, means to feed aggregates from the separating section to the dewatering units, and catch means onto which said dewatering units discharge the drained aggregates; said aggregate feeding means comprising a scoop plate mounted on each dewatering unit and projecting into the adjacent end of said separating section, each scoop plate being pitched in the direction of rotation of the trommel.

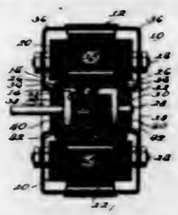
2,450,981
FLASK HEATER
Alexander I. Newman, River Forest, Ill., assignor to Precision Scientific Co., Chicago, Ill., a corporation of Illinois
Application April 25, 1945, Serial No. 590,256
1 Claim. (Cl. 219—43)



A flask heater of the character described comprising, in combination, a seamless metallic flask holding bowl of such shape and size as to correspond relatively closely with the flask to be heated therein and an integral flange extending over the entire top of the heater, said flange having a depending marginal rim, an insulating jacket joining said flange and located inside said ring, said jacket being spaced from the sides of said bowl to provide an air space around said bowl, a relatively flat electric heating element spaced below the hemispherical bottom of said bowl and adapted to heat said bottom by radiant heat and also to heat the air in said space for delivering heat to the sides of said bowl by air convection, said bowl being offset at the point of closest proximity to said heater to provide an air space between said bowl and the bottom of the flask

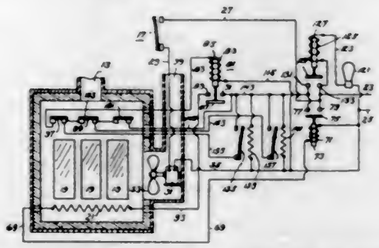
resting in the bowl, a layer of insulation at the bottom of said heater, and a nonmetallic connection connecting said heating element to the bottom of the heater.

2,450,982
DYNAMOELECTRIC MACHINE
William J. O'Brien, Chicago, Ill., assignor to Edward F. Andrews, Chicago, Ill.
Application July 22, 1942, Serial No. 451,865
12 Claims. (Cl. 172—120)



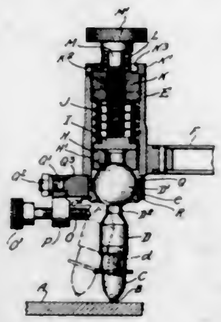
1. In a dynamo-electric machine, the combination including, angularly spaced apart polar members having a high magnetic permeability the inner ends of which are spaced apart to define a central aperture, a rotor in said aperture, continuous flux distributing means located between said rotor and polar members, said means including a pair of continuous rings of magnetic material having a permeability lower than that of said polar members and a high magnetic saturation point, one of said rings being secured to and rotating with said rotor and the other being fixedly secured to and in contact with the polar members.

2,450,983
HEAT STORAGE CONTROL SYSTEM
Clark M. Osterheld, Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill., a corporation of Delaware
Application April 27, 1945, Serial No. 590,655
9 Claims. (Cl. 219—20)



3. An off-peak heat storage system for heating a heat storage mass, comprising an electric heater for said mass, a light-sensitive cell subject to daylight and to darkness, a plurality of thermostats in close heat-receiving relation to said heat-storage mass and adapted to move to closed position at different temperature values of said heat storage mass, a first electromagnetic switch controlled by said light-sensitive cell and adapted to be in open position when said light-sensitive cell is subject to daylight, a second electromagnetic switch connected in series electric circuit with said first electromagnetic switch, said two electromagnetic switches being adapted to jointly control the energization of said heater, a plurality of time delay relays electrically connected in series electric circuit with certain of said thermostats and with the coil of said second electromagnetic switch, each time delay relay comprising a normally open thermally-actuable member and a heating coil adapted to be energized by said first electromagnetic switch after fall of darkness to cause closure of said thermally-actuable members after different predetermined periods of time and energization of said electric heater upon closure of that thermally-actuable member adapted to being closed in the shortest period of time.

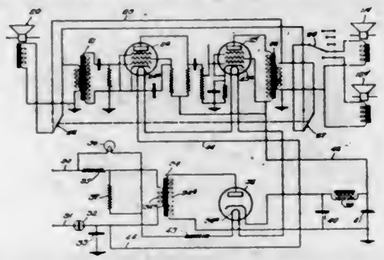
2,450,984
GEM GRINDING AND POLISHING TOOL
Alfredo Pastore, Brooklyn, N. Y.
Application June 28, 1947, Serial No. 757,897
2 Claims. (Cl. 51—229)



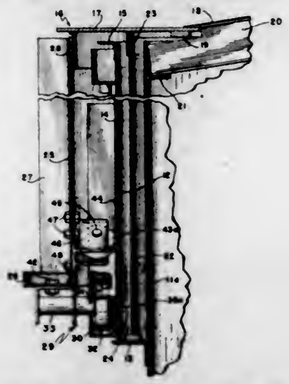
1. A gem grinding and polishing device comprising in combination, a dop holder having a spherical head portion at its upper end and an adjacent neck portion, a supporting member formed with a chamber in which said head portion is loosely received and having an annular portion at the lower end of said chamber with an internal diameter larger than the diameter of said neck and smaller than the diameter of said head portion, and forming a seat for the underside of the latter, a bearing member in said chamber above said head portion and movable toward and away from said seat, resilient means mounted in said holder and acting between the latter and said bearing member to press the latter against said head portion and thereby yieldingly clamp said head portion between said seat and bearing member, and clamping means mounted in said supporting member and adjustable to increase the pressure with which said head portion is pressed against said lower annular seat so as to positively clamp said head portion against movement relative to said holder.

2,450,985
POWER SUPPLY FOR ELECTRONIC APPARATUS
Lawrence R. Faust, Chicago, Ill.
Application August 30, 1945, Serial No. 613,599
12 Claims. (Cl. 315—95)

1. Electronic apparatus of the character described adapted to be connected to an alternating current power source, including: a tube having at least plate and cathode elements, a plate cathode circuit associated therewith and heating connections for the cathode element; a transformer having electrically separate primary and secondary windings; means for connecting the secondary winding into the plate cathode circuit of said tube; means for connecting the primary winding to said power source; and means for connecting said heating connections directly to said power source.

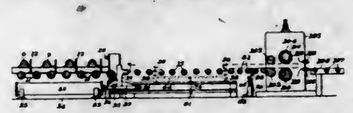


2,450,986
GUIDE CONSTRUCTION FOR MOVABLE TANK TOPS
Fred L. Plummer, Warren, Pa., assignor to Hammond Iron Works, Warren, Pa., a corporation of Pennsylvania
Application March 28, 1946, Serial No. 657,824
4 Claims. (Cl. 48—176)



1. In a circular storage tank construction having a vapor sustained cover adapted to rise and fall, said cover having an outer cylindrical shielding skirt surrounding the launder, and an inner cylindrical sealing skirt substantially concentric with the outer skirt and extending into said launder and having sealing relationship therewith, guide means for stabilizing up and down movement of the cover relative to the tank comprising a plurality of at least three spiral guide rail units of relatively steep pitch provided upon the outer face of the outer wall of the launder and substantially evenly spaced from one another along the circumference of the launder, guide roller means cooperatively associated with said spiral guide rail units comprising an inverted bracket mounted upon the extreme lower edge portion of said outer skirt, a guide roller mounted upon said bracket at the underside thereof to rotate about a horizontal axis extending radially with respect to the tank and having guide relationship with one of said spiral guide rail units, and an auxiliary guide roller mounted upon said outer skirt portion rotating about an axis extending transversely of and at right angles to the line of pitch of the spiral up and down motion of the cover and to have guiding relationship with the outer wall of said launder.

2,450,987
HANDLING AND JOINING COOPERATING MEMBERS
Robert Potter, Mount Lebanon, Pa., assignor to Superior Steel Corporation, Pittsburgh, Pa., a corporation of Virginia
Application February 19, 1942, Serial No. 431,595
11 Claims. (Cl. 153—1)



2. Peining means comprising a pair of cooperating rolls respectively having yielding face portions for squeezing work therebetween, at least one of such rolls having a metal face portion for engaging and peining a portion of the work.

4. Apparatus for joining a member having opposed flanges and a member adapted to be held thereto by said flanges comprising supporting means for the second mentioned member, conveying means at opposite sides of said supporting means whereby the first mentioned member is movable parallel to the length of its flanges into cooperative relationship with the second mentioned member while straddling the second mentioned member and with said flanges in engagement with said conveying means and means for deforming said flanges into holding position relative to said second mentioned member.

2,450,988
ARTIFICIAL FISH BAIT
Earl R. Putnam, Grosse Pointe Woods, and Frank J. Nefske, Detroit, Mich.
Application January 10, 1947, Serial No. 721,226
4 Claims. (Cl. 43—42)

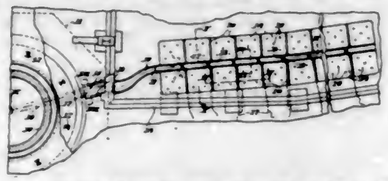


1. An artificial bait consisting of a flexible body bent and rebent upon itself to form a plurality of folds, each having a transverse passageway formed therethrough, there being a portion of said body having a longitudinal passageway therethrough, said last named passageway communicating with a slot adapted to accommodate a substantial part of the curved portion of a fish hook, there being an insert of hard material positioned in an enlargement of said slot and adapted to reinforce said body at one end of said slot.

2,450,989
METHOD AND MOLD FOR CASTING BLAST-FURNACE SALAMANDERS
William J. Rees, Trenton, Mich., assignor to National Steel Corporation, a corporation of Delaware
Application June 19, 1944, Serial No. 541,058
3 Claims. (Cl. 22—131)

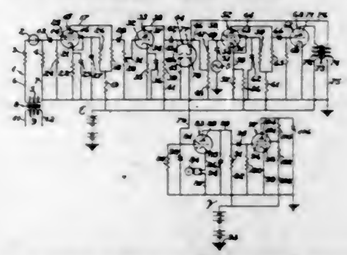
3. A mold adapted to accommodate the metal constituting a blast-furnace salamander, comprising a bed at a level below the bottom of the furnace hearth, spaced walls built up on the bed, said walls forming a plurality of separate molds, a runner alongside the molds, hollow stakes ex-

tending upwardly from the bed in spaced relation within said molds, and a sand filling in said



stakes to provide cores for forming holes extending through the blocks cast in the molds.

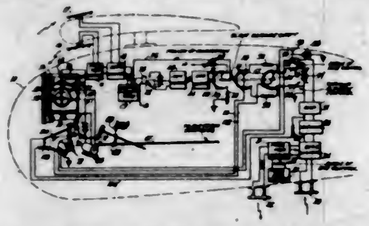
2,450,990
SENSITIVE PHOTOELECTRIC CONTROL FOR SIGNAL DEVICES
Theodore K. Riggen, Elmira, N. Y.
Application June 4, 1947, Serial No. 752,511
4 Claims. (Cl. 177—311)



1. In a photo-metric device a signal generating circuit including a source of alternating current, a resistor and a photo-sensitive electronic tube, means for amplifying and rectifying the signal produced by said circuit so as to produce a positive voltage which varies in accordance with the intensity of illumination of said photo-sensitive tube; a second amplifying and rectifying means including an amplifying tube having a cathode, an anode and a control grid; means for impressing a substantially constant alternating signal voltage on said grid, means for biasing the grid negatively with respect to the cathode to render the tube non-conductive, means for filtering the amplified and rectified signal from the signal circuit and impressing it on said grid of tne amplifying tube so as to render the amplifying tube conductive when the photo-sensitive tube receives light of a pre-determined intensity, a signalling device, and means responsive to a reduction in out-put of the second amplifying means for causing actuation of said signalling device.

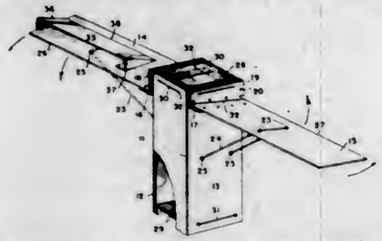
2,450,991
RADAR CONTROL SYSTEM
Royden C. Sanders, Jr., Hightstown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 4, 1944, Serial No. 534,108
16 Claims. (Cl. 343—7)

5. A control system for a dirigible air-borne device comprising gyrostabilizer means for controlling the attitude of said device, distance measuring means for measuring altitude, distance measuring means for obtaining an indication of the slant distance to a point on the earth's surface, means actuated by one of said distance measuring means for controlling said gyrostabilizer means to make said device go to an altitude selected by an adjustment of said one distance measuring means, and means for changing said adjustment of said one distance measuring means in response to a change in the ratio of said altitude



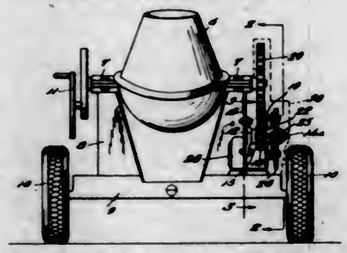
and slant distance measurements for causing a decrease in said altitude as said distance decreases.

2,450,992
FREE-FALL AERIAL CONTAINER
William J. Sanderson, Madison, Wis., assignor to the United States of America as represented by the Secretary of Agriculture
Application November 16, 1945, Serial No. 629,205
6 Claims. (Cl. 244—138)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



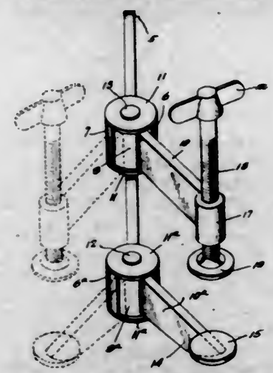
1. A device of the character described comprising a container, wings on the sides of the container, each wing having an end hinged to the container to permit inward retraction against the sides of the container, and means to restrain the wings from outward movement beyond a predetermined position, whereby said device in falling through the air will tend to rotate by the action of the air against said wings, and at least one auxiliary wing secured to one of said main wings for retarding such rotation.

2,450,993
ELECTRIC MOTOR-DRIVEN CONCRETE MIXER
Joseph Santagata, Cranston, R. I.
Application April 5, 1945, Serial No. 586,690
3 Claims. (Cl. 259—177)



1. A special motion take-off and transmitting gearing assembly for use on a conventional concrete mixer machine for coaction with a standard-type driving gear on the mixer drum and adapted to accommodate a standard sprocket gear equipped electric motor comprising an adapter fixture adapted to be secured rigidly to the frame of the mixer machine, and including an outstanding axle, and a rotor including hub means mounted for rotation on said axle, said hub means including a motion transmitting gear located for coaction with the driving gear on said mixer drum, and further including a sprocket wheel arranged for coaction with a complemental sprocket driven by said motor.

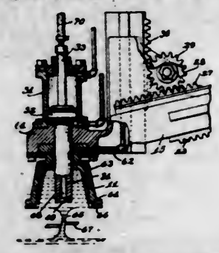
2,450,994
C-CLAMP WITH LATERALLY ADJUSTABLE ARM EXTENSIONS
Norman G. Schaefer, Jersey City, N. J.
Application September 25, 1946, Serial No. 699,307
3 Claims. (Cl. 144—304)



1. A clamp of the character described comprising, a U-shaped frame, a pair of axially aligned sleeves carried by the ends of said frame, upper and lower arms having cylindrical ends swingably mounted on said sleeves, said sleeves having an opening in their forward walls to provide for the working of the arms in the sleeves, a pair of plates carried by the ends of the sleeves to secure the cylindrical ends therein, said plates holding the cylindrical ends of the upper and lower arms in their respective sleeves, a fixed clamping plate carried by the lower arm, an adjustable screw carried by the upper arm, and a clamping plate carried by the inner end of the screw cooperating with the fixed clamping plate.

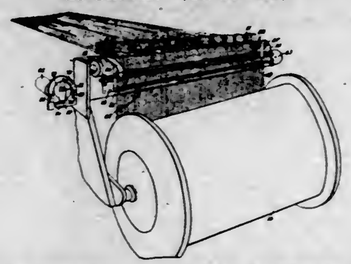
2,450,995
APPARATUS FOR FORMING HOLLOW GLASSWARE
Harold R. Schutz, Toledo, Ohio, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application August 14, 1943, Serial No. 498,639
5 Claims. (Cl. 49—5)

1. A machine for forming hollow glass articles comprising, in combination, a blank mold formed with a mold cavity therein and open at its lower end, the mold being formed with an opening through its upper end wall into the mold cavity, said opening being of smaller diameter than the mold cavity, a plunger projecting downwardly through said opening into the mold cavity and spaced inwardly from the surrounding mold walls and having its lower end spaced above the bottom level of the mold, said plunger having a channel extending downwardly therethrough and terminating in an opening formed in the lower end of the plunger, means for drawing a charge of glass upwardly by suction into the mold and thereby filling the mold and enveloping the plunger in the glass, means for thereafter with-



drawing the plunger upwardly relative to the mold, and means for maintaining suction through said channel during said withdrawal of the plunger and thereby reshaping the glass as the plunger is withdrawn to form a hollow blank open at its lower end.

2,450,996
AUTOMATIC STOP MECHANISM FOR WARPERS
John S. Seney, Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application March 27, 1947, Serial No. 737,585
10 Claims. (Cl. 28—51)

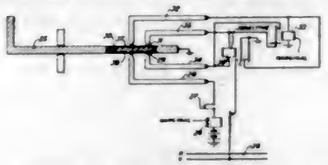


1. An automatic control for a warper or the like having a moving thread sheet and driving means therefor, comprising a switch having an actuating head adapted to span two threads of said thread sheet but to pass through the space left by a missing or loose thread, a switch carriage carrying said switch, means mounting said carriage to traverse said thread sheet with the switch normally held open by contact of said head with the threads of said sheet, means causing said head to enter the space left by a missing or loose thread to close said switch, a stop circuit connected to be actuated by the closing of said switch and adapted to stop the thread sheet driving means, means continuously feeding said carriage across said thread sheet in checking and return strokes, and means actuated during the return strokes to test the operative condition of said stop circuit.

2,450,997
SIGNALING SYSTEM
Oscar A. Shann, Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 23, 1945, Serial No. 595,302
3 Claims. (Cl. 177—353)

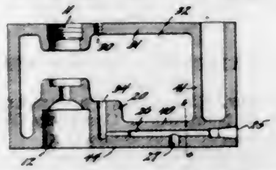
1. In a check-controlled signaling system, a check having a changeable internal resistance, a

circuit into which said check may be inserted, means responsive to the insertion of said check in said circuit for causing a change in the in-



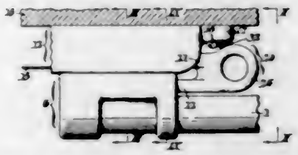
ternal resistance of said check, and means responsive to the sequential values of the resistance of said check for transmitting a signal.

2,450,998
CYLINDER HEAD CONSTRUCTION, BRIDGE COOLING
Richard H. Sheppard, Hanover, Pa.
Application May 5, 1947, Serial No. 745,910
6 Claims. (Cl. 123—173)



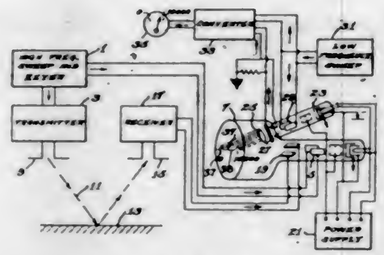
2. A cylinder head casting for a Diesel engine having therein coaxial recesses to receive an injector and a combustion chamber insert, and having in proximity thereto an inlet valve guide and an exhaust valve guide, recesses in the bottom of said casting, coaxial with said guides for reception of valve seat inserts, a bridge of metal extending downwardly from the guides to the bottom of the casting forming a bridge integral with and proximate to the combustion chamber recess characterized by the provision of a vertical bore extending downwardly through the bridge, in proximity to the combustion chamber recess, and a bore at right angles thereto and communicating therewith, extending horizontally to said vertical bore and between the axes of said valve insert recesses.

2,450,999
TERMINAL FOR ELECTRIC DISCHARGE TUBES
George E. Shoemaker, Ithan, Pa.
Application January 14, 1948, Serial No. 2,167
13 Claims. (Cl. 176—122)



1. In combination, an electric discharge tube, a base, and a link for electrically connecting and mechanically supporting said tube in relation to said base, said tube and said base each having therein a socket and a conductor with a portion exposed within said socket and otherwise insulated, said sockets being relatively deep and narrow whereby the exposed portions of the conductors are inaccessible to human fingers, and said link having prongs adapted to fit within said sockets and having a conductor embedded within the link and exposed only at areas where said prongs contact the conductors of said tube and base.

2,451,000
REPEATER INDICATOR FOR PULSE ECHO DISTANCE MEASURING DEVICES
Rogers M. Smith, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 30, 1940, Serial No. 367,909
12 Claims. (Cl. 343—13)



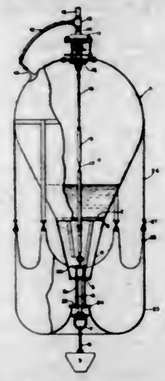
1. A repeater for a pulse transmitting-pulse echo receiving distance measuring device for repeating at a remote point the visual indications of such device including means responsive to the received echo signal for deriving a current corresponding to the echo, means responsive to the outgoing pulses for deriving a reference current, said corresponding current and said reference current both having a frequency lower than the pulse transmission rate, and means including a moving element for indicating the distance as a function of the relative phase of said currents.

2,451,001
BRASSIÈRE
Leda I. Speiser, Chicago, Ill., now by marriage Leda I. Lash
Application December 11, 1944, Serial No. 567,567
8 Claims. (Cl. 2—42)



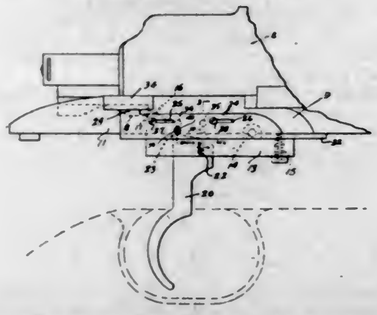
1. A brassière comprising a lower girdle member extending around the body underneath the breasts, an upper girdle member extending around the body above the breasts, two breast pockets secured at their upper edges to the upper girdle member and at their lower edges to the lower girdle member, a third girdle member overlying the upper portion of the breasts, the front portions of said third girdle member lying intermediate the front of said upper and lower girdle members, said third girdle member comprising two strap members, and means for uniting said strap members in front comprising a portion symmetrical about a vertical axis and having downwardly diverging side edges lying between the breast and body.

2,451,002
SALVAGE APPARATUS
Mark J. Sturtevant, Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
Application June 19, 1946, Serial No. 677,851
19 Claims. (Cl. 114—54)



1. A salvage device for raising submerged objects from a body of water comprising an air chamber open at the underside thereof, normally closed valve means at the upper side thereof for preventing escape of air therefrom, and actuating means connected to said valve arranged in a position to be retarded sufficiently by the water when the rise of said container in a body of water is at a rate exceeding that desired, to thereby cause opening of said valve to release air from said chamber to decrease the buoyancy thereof.

2,451,003
SAFETY DEVICE FOR FIREARMS
Irene E. Syrjala, Mount Clemens, Mich.
Application January 9, 1948, Serial No. 1,412
5 Claims. (Cl. 42—70)



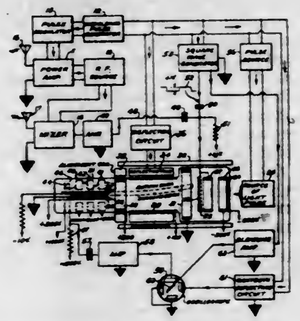
1. The combination with a rifle action comprising a receiver frame, a sear pivotally mounted intermediate its ends on the frame and having its forward end normally positioned in spaced relation beneath the frame, and means for actuating the sear, of a safety device comprising a body mounted on a side of the receiver frame for slidable forward and backward movement, and a plate on the body projecting laterally thereof beneath the frame and adapted, upon backward and forward actuation of said body, to be moved into and out of the space between the frame and sear for respectively precluding and providing for pivotal movement of the sear.

2,451,004
SECTIONALIZED AERIAL DUCT
George S. Van Antwerp, Norristown, Pa.
Application June 23, 1945, Serial No. 601,258
4 Claims. (Cl. 174—41)



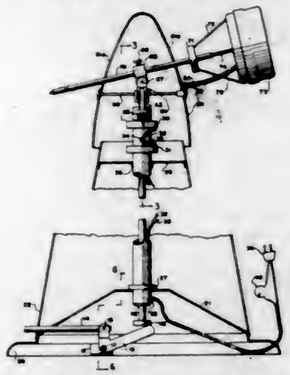
1. A messenger-supported aerial duct system composed of a plurality of contiguous sections of duct, each section comprising a hanger member and a saddle member, the hanger member having a groove for receiving the messenger and having downwardly and outwardly diverging portions, and the saddle member having upwardly and outwardly diverging portions interlocked with the downwardly diverging portions of the hanger member and forming therewith a continuous ductway for one or more cables, of which the hanger member defines the ceiling and the saddle member defines the floor.

2,451,005
CATHODE-RAY STORAGE TUBE APPARATUS AND METHOD OF OPERATION
Paul K. Weimer and Vladimir K. Zworykin, Princeton, and Irving Wolff, Manasquan, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application August 30, 1946, Serial No. 694,042
18 Claims. (Cl. 315—12)



3. In combination a cathode ray tube having a mosaic that functions to store signals applied thereto, means for directing a beam of electrons against said mosaic, means for varying the potential of said mosaic with respect to a fixed reference potential and in accordance with an applied signal whereby the charge acquired by a capacity element of said mosaic when it is scanned by said beam is a function of said mosaic potential, means for causing said beam to scan said mosaic once while a signal is varying the potential of said mosaic for causing the capacity elements of the mosaic which are thus scanned to acquire charges in accordance with the potential variations of the mosaic with reference to said fixed potential, means for causing said beam to scan said once-scanned elements a second time while an applied signal is again varying the potential of said mosaic with reference to said fixed potential whereby if the two signals are alike the voltage difference between the fixed potential point and successive scanned capacity elements is constant during said second scanning so that there is no signal output.

2,451,006
HELICOPTER ROUNDABOUT
William L. West, Belmont, N. C.
Application July 16, 1946, Serial No. 683,857
2 Claims. (Cl. 272—31)



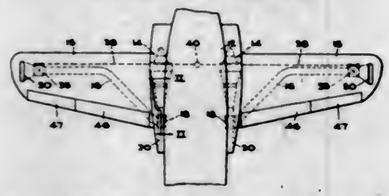
2. In a roundabout, a vertically disposed hollow support, a vertically slidable shaft disposed in said support, an elongated pipe mounted intermediate its ends on the upper end of said vertically slidable shaft, a driving motor on one end of the elongated pipe, and a helicopter having a rotor on the other end of the pipe, a driving shaft connected to the motor and to said rotor for imparting rotation thereto, said vertical support having annular conducting rings disposed therearound, a bushing in the upper end of the vertical support having a pair of brushes contacting said rings, means for supplying electric current to the rings, the upper end of said slidable shaft having a bracket pivotally secured thereon, the upper end of said bracket having a second bracket pivotally secured thereon on a pivot at right angles to the first pivot, a lever on the first bracket, a link pivotally connected to the lever and to said bushing, means in the second bracket for mounting the elongated pipe intermediate its ends so that raising of the shaft will tilt the second bracket to vary the angle of attack of the helicopter, thereby controlling direction of flight.

2,451,007
BABY STRAP
Gertrude K. White, Philadelphia, Pa.
Application July 29, 1946, Serial No. 686,851
1 Claim. (Cl. 155—189)



A strap for tying babies in chairs, comprising a body portion including a length of wide fabric material, the side edges of the body portion being curved inwardly from the ends thereof providing wide ends and a narrow intermediate portion forming a clearance for the legs of the baby positioned within the strap, laterally extended strap sections formed integral with each end of the body portion, the laterally extended straps adapted to be secured to the back of a high chair above the arms thereof, and the intermediate portion of the body portion providing a sling in which the baby using the device is held.

2,451,008
REACTION JET SYSTEM FOR AIRCRAFT CONTROL
William W. Williams, Buffalo, N. Y., assignor to Bell Aircraft Corporation, Buffalo, N. Y.
Application March 26, 1945, Serial No. 584,923
1 Claim. (Cl. 244—52)



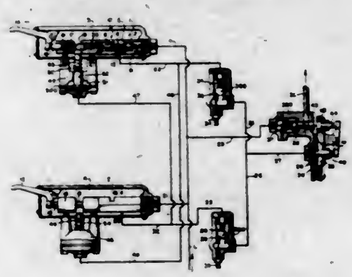
In an aircraft, in combination, a jet propulsion power unit having a tail pipe for directing the gas discharge from said power unit rearwardly of said aircraft for motivating said aircraft and a reaction flight control device for rotating the aircraft about a flight control axis thereof, said control device comprising a pair of jets each of which is disposed to receive a gas blast from said tail pipe and to direct it upwardly, a pair of jets each of which is disposed to direct a gas blast downwardly, said paired jets being disposed exteriorly of the aircraft at positions oppositely remote from said flight control axis, gas take off means in communication with the interior of said tail pipe for diverting through said pets a portion of the gas discharge from the tail pipe of the power unit, and control means for selectively directing the gas received from said take off means to the pair of upper jets, the pair of lower jets, and opposite upper and lower jets.

2,451,009
AIRCRAFT CONTROL SURFACE
William W. Williams, Buffalo, and Herbert L. Bowers, Kenmore, N. Y., assignors to Bell Aircraft Corporation, Buffalo, N. Y.
Application October 18, 1945, Serial No. 622,976
9 Claims. (Cl. 244—42)



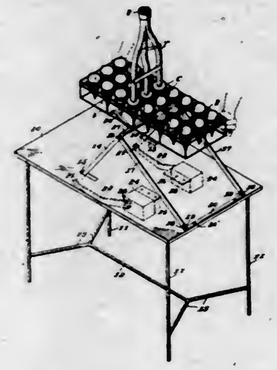
1. A mechanism for mounting and controlling extension-retraction motions of an aircraft flap, said mechanism comprising in combination, a bracket adapted to be fixedly mounted upon an aircraft wing structure, a first bearing carried by said bracket in positionally fixed relation thereon, a trunnion bearing device on said bracket, a second bearing carried by said trunnion bearing device for axial alignment with said first bearing while in spaced relation therefrom, said trunnion bearing device having its pivot axis disposed horizontally and transversely of the direction of alignment of said bearings, an arm disposed to extend through said bearings in cantilever mounted relation thereon and so as to be longitudinally slidable and axially rotatable therein, a gear rack projecting from said arm and integral therewith and extending generally longitudinally thereof while being curved helically therearound, said second bearing being recessed to accommodate said gear rack in longitudinally slidable relation therethrough, gear means rotatably mounted upon said second bearing and in mesh with said gear rack and adapted to be coupled to a pilot controlled device for operation of said gear means to procure axial displacement of said arm relative to said bracket and coincident rotation of said arm in response to the camming action of said rack relative to said second bearing, a member carried by the outboard end of said cantilever arm in longitudinally fixed but rotatable relation thereon and carrying a pivot connection device for connection to an aircraft flap about a horizontal pivot axis extending spanwise of the flap, and a crank carried by the outboard end of said arm to rotate therewith and adapted to be connected to said flap at a position spaced from said pivot connection in a direction chordwise of the flap for tilting said flap about said pivot connection in response to rotation of said cantilever arm.

2,451,010
SAFETY LOCKING AND UNLOCKING TWO-HAND CONTROL
Basil J. Yanchenko, Syracuse, N. Y., assignor, by mesne assignments, to G. A. Braun, Inc., Syracuse, N. Y., a corporation of New York
Application January 11, 1946, Serial No. 640,657
4 Claims. (Cl. 121—38)



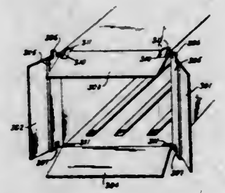
1. In a two hand control mechanism, right and left hand manually operated self-returning control valves of the combined intake and exhaust type connected to a fluid pressure supply line and normally in closed position in which the intake is closed, each control having a normally open exhaust port, a self-closing master valve connected in a pressure fluid supply line and normally in closed position, a pressure fluid motor operable to open the master valve, a check valve paired with and located in a line in series with each manual control valve, each check valve having its valve member arranged to check the flow of fluid from its companion control valve when the companion control valve is open, and having a restricted open by-pass around its check member to the outlet end of the check valve, the outlet ends of the check valves being connected by a conduit to permit the fluid by-passing either check valve to pass out the exhaust port of the other manual control valve when the latter control valve is closed, and motive fluid operated means for locking the control valves in starting position, the lock means for the right hand valve being connected in multiple in the line connected to the check valve paired with the left hand valve, the lock means for the left hand valve being connected in the line to the check valve paired with the right hand control valve, the motor for the master valve being connected to the pipe conduit connecting the outlet ends of the check valves.

2,451,011
APPARATUS FOR FILLING CONTAINERS
Fred P. Yoars, New Orleans, La.
Application April 21, 1945, Serial No. 589,587
5 Claims. (Cl. 226—94)



1. Apparatus for supporting a container-holding rack beneath a semi-solid material filling tube for movement of the rack toward and from the tube as well as horizontally for successive filling of the containers, comprising a rigid horizontal base support, a horizontally disposed rack engaging bar disposed above the base support and having laterally disposed legs integral therewith extending downwardly through slots in the base support, pivotal connections between the base support and the upper ends of the legs, and yieldable means disposed below the base support having pivotal connection with the lower ends of the legs for urging the rack-supporting bar upwardly while offering little resistance to manual lowering of the bar, said bar having a rounded rack-engaging surface, and laterally disposed rack-engageable guides connected to the bar and projecting thereabove.

2,451,012
FILE CABINET INTERLOCK AND REINFORCING ELEMENTS
Philip Zalkind, New York, N. Y.
Original application February 26, 1943, Serial No. 477,204. Divided and this application May 24, 1944, Serial No. 537,133
13 Claims. (Cl. 312—108)



1. In a collapsible container having a side wall and top and bottom walls; an extension from the

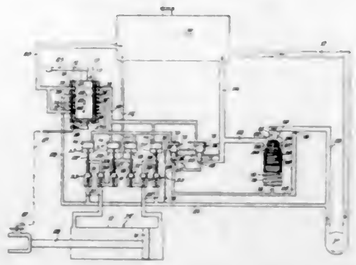
side wall hingedly connected thereto, and foldable into said container between said top and bottom walls; a vertical reinforcement member on said extension disposable between said top and bottom walls; openings in said top and bottom walls registerable with the ends of said reinforcement member; interlock elements at the ends of said reinforcement member accessible through said openings for interlocking said container with other containers.

2,451,013

APPARATUS FOR CONTROLLING SELECTIVE DELIVERY OF FLUID FROM A CONTINUOUS DELIVERY SOURCE TO A FLUID-DRIVEN MOTOR

Joseph F. Ziskal, Cicero, and William O. Bechman, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey

Application July 18, 1945, Serial No. 605,706
6 Claims. (Cl. 60—52)



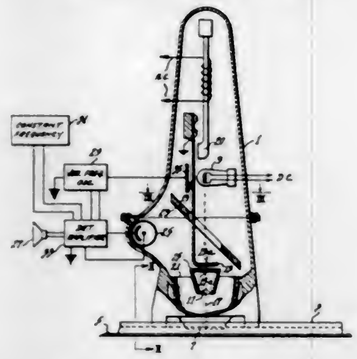
3. In apparatus for controlling delivery of actuating fluid to a fluid-actuated device from a constant delivery source conditionable for relatively high and low pressure operation and for controlling exhaust of the fluid from the device; an inlet passage communicative between said source and said device, an admittance valve in said passage and selectively closable or openable to respectively block the admittance of fluid to the device through said passage or terminate its blocking function; an outlet passage communicative with said device; an exhaust valve in said outlet passage and selectively closable or openable to respectively block the exhaust of fluid from the device through such outlet passage or terminate its blocking function, fluid motor means operable when subjected to one status of fluid pressure to incur opening of said admittance valve and while incurring conditioning of said source for high pressure delivery and operable when subjected to another status of fluid pressure to incur closing of said admittance valve while incurring conditioning of said source for low pressure operation, additional fluid motor means operable when subjected to one status of fluid pressure to incur opening of the exhaust valve and operable when subjected to another status of fluid pressure to incur closing of the exhaust valve, and settable valve means communicatively interposed between said source and each of said motor means to utilize the pressure of fluid at said source in subjecting the motor means to different fluid pressure statuses, said settable valve means being settable from a neutral position wherein each of said motor means is subjected to fluid pressure at its other status to positions selectively creating the one status of pressure subjection of said motor means.

2,451,014

OPTOPHONE

Vladimir K. Zworykin, Princeton, and James Hillier, Cranbury, N. J., assignors to Radio Corporation of America, a corporation of Delaware

Application October 26, 1944, Serial No. 560,472
6 Claims. (Cl. 250—41.5)



1. A method of enabling a blind person to locate and distinguish between different degrees of light through the ear and thus to read printed matter, said method comprising, producing an audible tone, synchronously varying the frequency of said tone and moving a spot of light in a vertical direction over an elementary area of said printed matter while advancing said spot horizontally from one elementary area to the next, and interrupting said audible tone when said spot of light encounters a light reflecting area during its said vertical and horizontal movements.

2,451,015

DISPENSING PACKAGE FOR CARTRIDGE RELOADING COMPONENTS

Heston D. Adams, Mount Morrison, Colo.

Application April 26, 1944, Serial No. 532,845
2 Claims. (Cl. 206—47)



1. A dispensing package for cartridge loading components, comprising a container, a predetermined weight of powder confined in a smaller container, and a bullet of a predetermined size, weight and type, positioned in the first mentioned container means comprising a fibrous spacer positioned between the bullet and the smaller container, and means for closing the first mentioned container, the quantity of powder being in predetermined relation to the size and weight of the bullet.

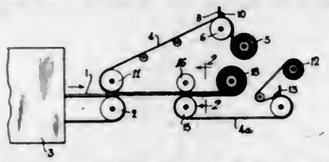
2,451,016

ELASTIC THREAD AND PROCESS OF MAKING SAME

Sterling W. Alderfer, Akron, Ohio

Application October 18, 1945, Serial No. 623,026
15 Claims. (Cl. 154—91)

1. A process of making elastic threads comprising the steps of placing a sheet of uncured rubber between two layers of a fugitive backing material, said material having the property of permanently elongating when stretched to a predetermined degree, curing the rubber, slitting the composite sheet thus formed into ribbons,



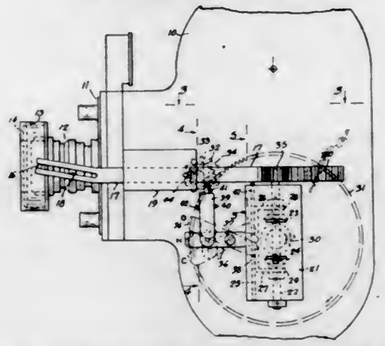
stretching the ribbons, and thereafter removing the backing.

2,451,017

MOVIE CAMERA ATTACHMENT FOR MAKING LAP DISSOLVES

Victor Aldreany, Danbury, Conn.

Application February 14, 1945, Serial No. 577,887
9 Claims. (Cl. 88—16)



1. In a motion picture camera including a housing enclosing mechanism for operating a film, and an adjustable shutter for controlling passage of light through the lens to the film, an easily removable side plate for the housing permitting access to the housing for insertion and removal of film in and from the film operating mechanism, mechanism mounted on the plate and removed and applied with it for gradually operating the shutter to gradually vary the light entering therethrough, means connecting said latter mechanism with the film operating mechanism for operation thereby and placed in operative relation by the act of placing the plate in position on the open side of the housing, manually controlled means on the plate for placing the second mechanism in driving relation with the shutter to operate the shutter during movement of the film, and means on the plate operated in timed relation with the shutter operating means for automatically rendering the shutter operating means inoperative after a given operation of the shutter.

2,451,018

METHOD OF PREPARING AN ISOMERIZATION CATALYST FOR NORMAL PARAFFINS

Robert E. Burk, Cleveland Heights, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application October 28, 1943, Serial No. 508,070
3 Claims. (Cl. 260—683.5)

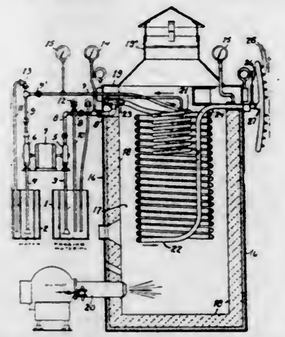
1. A method of preparing a catalyst for use in effecting isomerization of normal paraffins under isomerizing conditions, which comprises bringing together liquid hydrogen fluoride, and boron trifluoride under a partial pressure of 5–550 pounds per square inch, in contact with a normal paraffin to be isomerized and ½ to 25 weight percent of an olefin based on the weight of the hydrocarbon to be isomerized, said amount of olefin being merely that which modifies the catalytic activity of the fluorides in effecting the isomerization of the normal paraffin as the primary reaction.

2,451,019

APPARATUS FOR PRODUCING ARTIFICIAL FOG

Garland H. B. Davis, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application August 31, 1943, Serial No. 500,608
2 Claims. (Cl. 252—359)



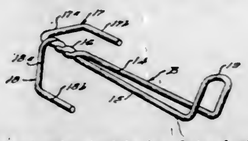
1. Apparatus for producing an artificial fog comprising a portable fire chamber and a source for heating the same, a steam coil mounted therein, a second coil also mounted therein and adapted to heat and completely vaporize a distillable organic liquid, a nozzle connected with the discharge end of the first mentioned coil and connected with the inlet end of the second mentioned coil whereby steam is continuously supplied to the organic liquid, a means for discharging the completely vaporized mixture into the atmosphere at a velocity of at least 50 feet per second at the coil outlet.

2,451,020

EASEL BRACKET

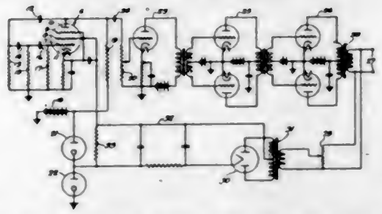
Orrie Earl Davis, Ballston Spa, N. Y.

Application July 11, 1945, Serial No. 604,465
2 Claims. (Cl. 248—210)



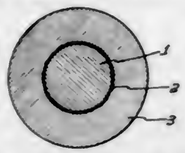
1. A bracket adapted to be detachably mounted on a step ladder for supporting a sash screen or the like, comprising a single length of wire bent upon itself to provide two shank members terminating at their inner ends in two angularly related hooks adapted to embrace the adjacent rear edges of a step and a side rail of the ladder, said shank members being adapted to rest on said step and terminating at their outer ends in an upstanding abutment positioned outwardly of said rail in front of the ladder.

2,451,021
VOLTAGE REGULATING AMPLIFIER SYSTEM
Rocco J. Detuno, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application June 27, 1944, Serial No. 542,416
11 Claims. (Cl. 250—36)



11. An electronic generator having an output circuit connectable to an external load, said generator comprising a thermionic tube having an anode, a cathode, an input grid and a screen grid, means tending to apply a constant positive potential to said screen grid, and means for adding to said positive potential at the screen grid a negative potential inversely proportional to the output current of said system, said last means being coupled to the output circuit and responsive to current fluctuations in the output circuit due to variations in the external load.

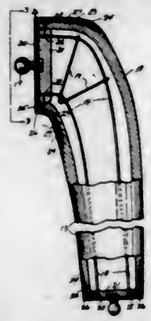
2,451,022
COLOR CHANGING ANTISEPTIC COMPOSITION
Frederick C. Dohrmann, Los Angeles, Calif. Substituted for application Serial No. 333,881, January 21, 1929. This application filed February 28, 1944, Serial No. 524,219
4 Claims. (Cl. 167—13)



1. A capsule having an inner core of a dye, a shell enclosing said dye, said shell having the property of allowing access to said dye after an extended interval of time when immersed in water, and an outer body associated with said core containing a water soluble antiseptic and germicidal composition.

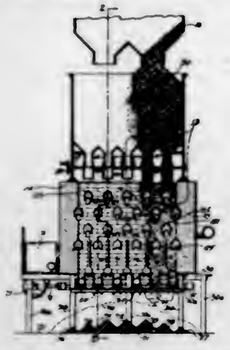
2,451,023
MANNEQUIN LIMB
Joseph R. Dusko, Youngstown, Ohio
Application December 15, 1945, Serial No. 635,190
2 Claims. (Cl. 46—163)

1. A mannequin limb including a hollow body section, a metallic supporting structure positioned therein, metallic end plates affixed to both ends of the said supporting structure and defining the ends of the said limb, joint means affixed to the said metallic end plates, nailer sections positioned immediately adjacent the said metallic end plates and inwardly therefrom, and means for attaching the end sections of the hollow limb to the said nailer sections and metallic end plates, said means comprising a layer of screen encircling each end section of the limb, fasteners driven through the screen and the material of the hollow limb and into the circumferential edge of the nailer section, and a metal cap encircling and overlying at



least part of the screened section and enclosing the end of the hollow limb, and finishing material filling the surface area between the metal cap and the finished surface area of the said hollow limb.

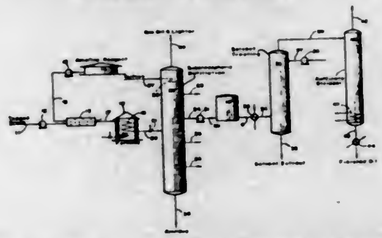
2,451,024
METHOD OF CALCINING AND CALCINING APPARATUS
Thomas R. Ellerbeck, Salt Lake City, Utah
Application April 7, 1942, Serial No. 438,047
27 Claims. (Cl. 263—29)



7. Calcining apparatus, comprising walls defining a calcining chamber; a hopper engaging said walls in a substantially gas-tight manner, and rising above said calcining chamber, for holding a supply of massed discrete pieces of material to be calcined and for substantially continuously feeding said material to said calcining chamber; walls defining enclosed chamber means laterally of and immediately adjacent to said calcining chamber; combustion means arranged for firing said chamber means; means disposed within said calcining chamber for maintaining the mass of said material in a loose condition during its descent through the calcining chamber; means for passing gases of combustion from the said chamber means substantially uniformly into and throughout the said mass of material as it descends through the said calcining chamber; means for exhausting said gases of combustion from the calcining chamber following their passage through the said mass of material; means for controlling the passage of said gases of combustion from said chamber means through said material, and the exhaust of said gases from said calcining chamber; and

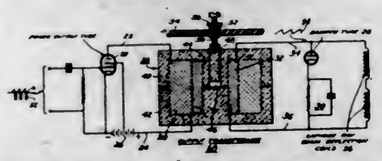
means operative to continuously discharge the calcined material from said calcining chamber variably at different locations substantially throughout both the length and the breadth of the transverse area of said calcining chamber.

2,451,025
METHOD OF REFINING LUBRICATING OILS
Harold L. Ellender, Baytown, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application November 15, 1945, Serial No. 628,819
4 Claims. (Cl. 196—35)



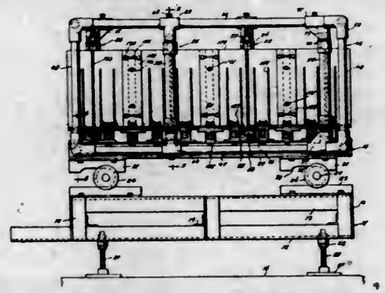
1. A process for refining mineral lubricating oils having a neutralization value greater than 1.0 milligram of KOH per gram of oil which comprises intimately contacting a mineral oil comprising lubricating oil fractions and organic acids naturally occurring therein with an alkaline reagent to form a substantially neutralized mineral oil, passing the neutralized mineral oil in a stream to a distillation zone and continuously distilling to form a lubricating oil distillate, adjusting the amount of alkaline reagent to obtain a distillate having a neutralization value of about 1.0 milligram of KOH per gram of distillate, extracting said distillate with phenol to form a raffinate phase and an extract phase, separately removing the phases and recovering an improved lubricating oil from said raffinate phase.

2,451,026
TELEVISION SYSTEM
Albert W. Friend, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 2, 1945, Serial No. 619,869
12 Claims. (Cl. 315—27)



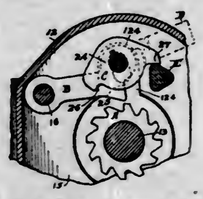
1. Apparatus for regulating the size of the image raster scanned by a cathode ray beam in a television system of the type in which a power output tube is adapted to deliver cyclically varying current, a portion of each cycle of which varies in a substantially linear manner with respect to time, through a coupling transformer to at least one cathode ray beam deflection coil, said coupling transformer being designed with a core having an aperture therein, said apparatus including a core segment normally lying at least partly within said aperture, and means for varying the position of said segment relative to said core and, hence, the permeability of said core, whereby the peak amplitude of the cyclically varying current flowing through said cathode ray beam deflection coil is altered to effect a change in the size of the image raster scanned by the cathode ray beam.

2,451,027
CUTTING MACHINE FOR PLASTIC MATERIAL
Joseph J. Gano, Worcester, and Leon W. Richardson, Cherry Valley, Mass., assignors to Controls Laboratories, Inc., a corporation of Delaware
Application February 17, 1945, Serial No. 578,514
5 Claims. (Cl. 25—108)



1. A machine for making transverse cuts in a moving column of extruded plastic material to form blocks having recessed end walls of predetermined contour, such machine comprising a base support, a carriage mounted on the base support, means for permitting movement of the carriage in a direction parallel with the moving column during the cutting operation, an elongated platen on the upper side of the carriage for receiving the column, means for guiding movement of the column over the platen in a substantially straight line of travel relative to such platen, a frame structure carried by the carriage and being movable transversely of the column, a plurality of pairs of cutting wire frames pivotally mounted on a vertical axis on the frame structure, the frames in each pair being generally aligned transversely of the frame structure, each frame including interconnected upper and lower arms, and a cutting wire mounted between the outer ends of the arms, cam means carried by the carriage for guiding such outer ends to cause the cutting wire to make a cut of predetermined contour, a cam follower, and means connecting the cam follower with the outer ends of the cutting wire frames.

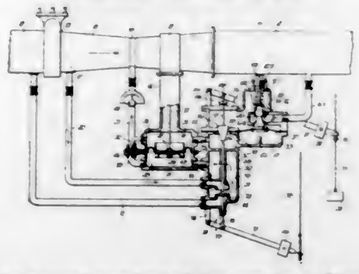
2,451,028
HAND BRAKE
Stacy B. Haseltine, La Grange, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application October 22, 1945, Serial No. 623,726
6 Claims. (Cl. 188—81.1)



4. In a hand brake, the combination with a member adapted to be rotated to effect tightening of the brake; of a ratchet wheel rotatable

with said member; a locking dog pivoted at one end and having a tooth at the other end engageable with said ratchet wheel; a fixed stop member; a trip element rotatably connected to said dog at the toothed end thereof; a lever fixed to said trip element for rotating the same; and a pair of spaced cam lugs on said element, one of said lugs being engageable with said stop member to swing said dog into engagement with the ratchet wheel, and the other of said lugs being engageable with said stop member to swing said dog out of engagement with the ratchet wheel.

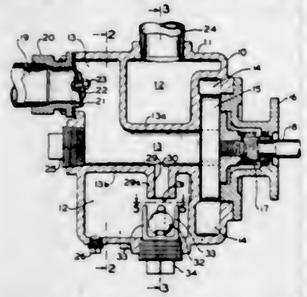
2,451,029
FLOW CONTROLLER RESET
Walter J. Hughes, Chicago, Ill., assignor to Infilco Incorporated, Chicago, Ill., a corporation of Delaware
Application February 4, 1944, Serial No. 521,096
11 Claims. (Cl. 210—122.1)



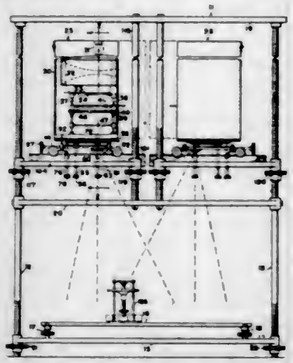
1. An actuator adapted for use in a filter system including a main conduit, a shutoff valve in said conduit, and a pressure differential creating member in said conduit, said actuator comprising a casing, a diaphragm dividing said casing into two chambers, means adapted to operatively join said diaphragm to a device to be actuated, a first pressure port adapted to connect one of said chambers with a point of high pressure in the pressure differential creating member, a second pressure port adapted to connect the other chamber with a point of low pressure in said pressure differential creating member, an inlet into said first chamber adapted to connect the same to a point in said main conduit on the upstream side of said shutoff valve, an outlet from said second chamber, a normally closed valve on said outlet, means effective on closing of said shutoff valve to position said valve means to open said inlet and close said first pressure port, and means effective on opening of said inlet to open said valve on said outlet.

2,451,030
CENTRIFUGAL PUMP
Fred C. Jones, Teaneck, N. J., assignor to Ralph B. Carter Company, Hackensack, N. J., a corporation of New York
Application November 29, 1946, Serial No. 712,894
1 Claim. (Cl. 103—113)

In a centrifugal pump having a casing with a central cylindrical chamber formed of walls in the casing, forming a suction passage, a supply pipe at one end thereof, an impeller at the other end thereof having its eye aligned with said suction passage, and a discharge chamber in said casing communicating with said impeller, and surrounding said central cylindrical chamber, and having a discharge opening, one of said walls of the central chamber having an opening therethrough, providing an orifice spaced between the ends of the central chamber and spaced from the impeller, subject to the suction action of the flow in the central chamber, a cylindrical extension having one end in registration with said orifice, and having its other end in communication with the fluid in the discharge chamber, forming a velocity conduit bypass passage, a spherical member of larger diameter than the open end of the extension, a cage for the spherical member for holding it spaced from said open end, within the velocity flow of the bypass passage during priming and moved to close the open end, when the pressure in the central chamber is sufficiently less than the pressure in the discharge chamber to draw the spherical member to said open end, until priming again becomes necessary, the closed position of the spherical member on the extension preventing recirculation and the open position permitting recirculation of the discharging fluid.

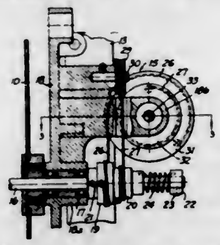


2,451,031
MAP MAKING AND PROJECTION INSTRUMENT
Harry T. Kelsh, Washington, D. C.
Application May 15, 1946, Serial No. 669,772
3 Claims. (Cl. 88—24)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An instrument for making maps by stereophotogrammetric methods by projecting directly from a pair of overlapped, standard size slides obtained in taking overlapped snapshots of the terrain by aeroplane, comprising a frame, two projection lanterns provided with casings supported side by side on the frame for projecting superimposed images from a pair of consecutive slides, and a map table on which a sheet of drawing paper may be placed on which the superimposed images are projected to show a stereoscopic model, each of said lanterns being provided with a lens for casting an image on the map table reversed to the slide, and, supported inside the casing, each of said lanterns being provided with substantially a point light source, with a light condenser located between the lens and light source with the axis of the light condenser coincident with a line adjoining the light source and nodal point of the lens for converging the light rays at the nodal point of the lens, and with a support for carrying the slide between the condenser and lens with the converging light passing through the slide and the axis of the light condenser passing through the optical center of the slide, said slide support being adjustable toward and away from the lens to obtain sharp focus, each of said lanterns being laterally angularly adjustable to compensate for tip of the aeroplane in taking the snapshots, angularly adjustable normal to the laterally angular adjustment to compensate for tilt of the aeroplane, adjustable parallel to each other, adjustable toward and away from each other, and adjustable toward and away from the map table, each of said lantern casings and carried parts being rotatably adjustable to compensate for crab of the aeroplane, the lens being so mounted as to be non-rotatable with the casing and being provided with means for supporting a polarizer oriented normal to the polarizer of the lens of the other lantern, the light, light condenser, and lens of each lantern being positioned off-center in the casing toward the corresponding parts of the other lantern, whereby when the slide is properly positioned in the casing its non-overlapped portion projects therefrom toward the other casing.

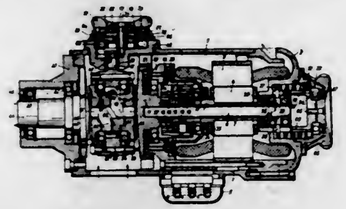
2,451,032
INSTRUMENT DRIVE
Rufus M. Kingman, Palo Alto, Calif., assignor, by mesne assignments, to Hewlett-Packard Company, Palo Alto, Calif., a corporation of California
Application March 26, 1946, Serial No. 657,243
3 Claims. (Cl. 74—501)



1. In an instrument drive, a drive shaft, a driven shaft, one of said shafts having a pair of pulleys mounted thereon, one of said pulleys being fixed to said one shaft and the other of said pulleys being free on said one shaft, a torque applying spring interconnecting said free pulley and said shaft, cables connected to said respective pulleys and wound in opposite directions thereon, and a second pair of pulleys on said driven shaft and receiving said respective cables.

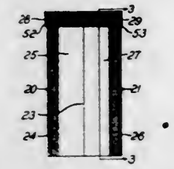
2,451,033
FRICTION-WHEEL REGULATING GEAR
Ernst Krebs, Zurich, Switzerland
Application August 13, 1945, Serial No. 610,439½
In Switzerland August 28, 1944
10 Claims. (Cl. 74—200)

1. A friction-wheel regulating gear comprising two coaxial spaced cone discs, one of said cone discs being adapted to be driven by a driving machine and the other of said cone discs being adapted to drive a driving shaft, a friction-wheel transmission device adapted to alter the gear ratio and displaceably arranged between said discs, the driving-side part and the driven-side part of said regulating gear and said friction-wheel transmission device being each constructed as a structural unit, said friction-wheel transmission device comprising two discs each with a friction-bead and coupled together with regard to rotation but axially displaceable in relation to each other, one of said beads lying on a point on a conical-surface line of the driving-side cone disc and the other of said beads lying on a point on a



conical-surface line of the driven-side cone disc which latter conical-surface line lies opposite and parallel to said conical-surface line of the driving-side cone disc, spring means for urging said beads apart and against said two cone discs, contact of said beads with said cone discs being adapted to take place on said conical-surface lines, a supporting ring in which said discs are mounted, rollers on which said supporting ring is arranged, a guide which is parallel to said conical-surface lines of said cone discs and in which said rollers are adapted to be displaceably guided, and a shifting device adapted to displace said rollers in said guide within two limiting positions and thus to alter the gear ratio.

2,451,034
CURTAIN AND CURTAIN HANGING MEANS
Clive W. Lanphere, New York, N. Y.
Application March 13, 1947, Serial No. 734,376
5 Claims. (Cl. 248—263)

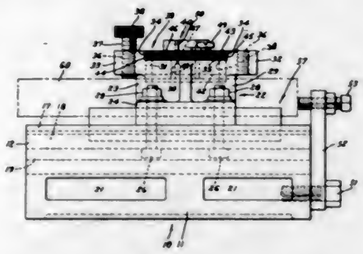


1. A bracket for holding curtain rods, said bracket having a body portion, a hook integral with said body portion, said hook projecting downwardly, and another hook above said first mentioned hook also integral with said body portion, said second mentioned hook projecting upwardly.

2,451,035
JIG
Newman M. Marsilius, Trumbull, Conn.
Application September 20, 1945, Serial No. 617,554
7 Claims. (Cl. 77—62)

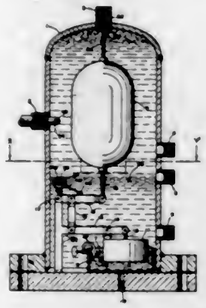
1. In a jig of the character described, a base including a support engaging portion and a pair

of spaced upstanding walls defining a way, a V-block in said way, a saddle-like device including a portion spanning said way and a pair of foot portions disposed on the upper edges of said walls, means for securing said foot portions to said walls and to thus secure said saddle-like device in adjusted position on said base, means on said saddle-like device and adjustable to clamp.



work against said V-block, said saddle-like device having an opening therethrough in alignment with the groove of said V-block, a master slip bushing adapted to be removably and concentrically received in said opening, and said master slip bushing including a head having an opening therethrough for the reception of a standard slip renewable bushing.

2,451,036
SPECIFIC GRAVITY RECORDER
John R. Martin and Forrest B. Burrell, Baytown, Tex., assignors to Standard Oil Development Company, a corporation of Delaware
Application September 30, 1944, Serial No. 556,534
7 Claims. (Cl. 73—33)



1. In a device for continuously measuring the specific gravity of a flowing stream of liquid, a chamber having a portion adapted to retain a reference liquid, a float mounted to be partially immersed in said reference liquid, an inlet port on said chamber for the test liquid, the gravity of which is to be measured, an outlet port for said test liquid arranged so as to maintain a predetermined body of said test liquid in said chamber, a float arranged to be totally immersed in said test liquid, a lever system arranged within said chamber between said floats, said floats being connected to said lever system in opposition to each other, means for indicating the resultant of the motion of said lever system, and means for maintaining said lever system completely enveloped in a sealing liquid immiscible with said reference liquid and with said test liquid.

2,451,037
LUBRICATING OIL
Rush F. McCleary, Beacon, and Stiles M. Roberts, Glenham, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Original application May 13, 1941, Serial No. 393,244, now Patent No. 2,322,376, dated June 22, 1943. Divided and this application December 5, 1942, Serial No. 468,000
12 Claims. (Cl. 252—42.7)

1. An improved lubricant comprising a major proportion of a mineral lubricating oil having incorporated therein a small proportion, sufficient to stabilize said oil, of an oil-miscible alkyl thiophenol methylene thioether.

2,451,038
BIB
Isadore Mink, Brooklyn, N. Y., assignor to Fine Art Apron Co., Inc., New York, N. Y., a corporation of New York
Application July 23, 1945, Serial No. 606,672
4 Claims. (Cl. 2—49)

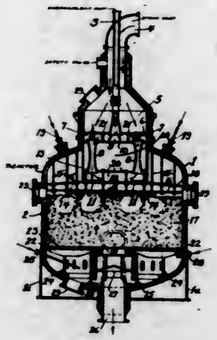


1. A bib comprising a blank having a pair of oppositely disposed openings; said blank having a bottom edge, spaced side edges and an upper edge with an indentation therein adapted to engage the neck of a wearer; said openings being spaced a distance sufficient to permit the entrance therein of the upper portions of the arms of the wearer and defining epaulet portions extending toward said side edges, and flap members each having a substantially semi-circular free edge whose convexity is directed toward the bottom edge of the blank; and ties extending from the edges of said indentation, said ties being adapted to be disconnectably connectable for encirclement of the neck of the wearer.

2,451,039
LUBRICANT
Arnold J. Morway, Clark Township, Union County, and John C. Zimmer, Union, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 27, 1941, Serial No. 424,590
5 Claims. (Cl. 252—36)

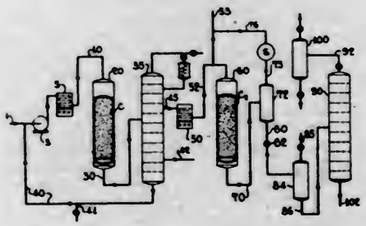
1. An improved lubricating grease composition comprising a major proportion of a low pour point lubricating mineral oil distillate, a minor proportion, sufficient to thicken said oil to a grease consistency, of a lithium soap of a saturated fatty acid and an aluminum soap of a saturated fatty acid, said aluminum soap being present in an amount substantially smaller than that of said lithium soap but not less than 0.25% of the total composition.

2,451,040
PROCESS FOR PRODUCTION OF BUTADIENE
Eger V. Murphree, Summit, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application May 2, 1942, Serial No. 441,438
5 Claims. (Cl. 260—680)



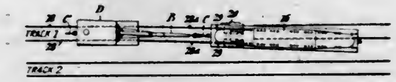
2. The process of producing butadiene by the catalytic dehydrogenation of butylene which comprises heating the butylene to a temperature of about 1000 to 1200° F., passing the heated butylene vapors to a Venturi throat, superheating steam to about 1300–1400° F., passing the superheated steam through an orifice into the Venturi throat thereby picking up the butylene vapors, diluting them to a ratio of one volume of butylenes to several volumes of steam and bringing the butylene vapors to the desired reaction temperature, immediately passing the butylene-steam mixture into contact with an active dehydrogenating catalyst comprising MgO, Fe_2O_3, CuO and K_2O and having water gas activity thereby forming butadiene while avoiding any substantial degradation of the butylene to products of lower molecular weight and quenching the reaction products immediately after they leave the catalyst.

2,451,041
CATALYTIC CRACKING AND REFORMING PROCESS FOR THE PRODUCTION OF AVIATION GASOLINE
Eger V. Murphree, Summit, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application July 14, 1944, Serial No. 544,894
8 Claims. (Cl. 196—49)



1. The method of producing high quality aviation gasoline which comprises cracking a gas oil in the presence of a synthetic alumina-silica gel catalyst, recovering a fraction boiling in the gasoline range from said cracking step, and subjecting said fraction to reforming at elevated temperatures and in the presence of a dehydrogenation catalyst which comprises about 10% of a 6th group metal oxide and about 90% of a zinc spinel base which carries the 6th group metal oxide and added hydrogen whereby the cracked gasoline is converted to a product of low acid heat and increased aromaticity and isoparaffinicity without net consumption of hydrogen.

2,451,042
METHOD OF AND DEVICE FOR RETRACKING RAIL VEHICLES
Harry L. Nancarrow, Philadelphia, and Allen R. Wilson, Lansdowne, Pa., assignors to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 29, 1945, Serial No. 631,602
5 Claims. (Cl. 104—262)



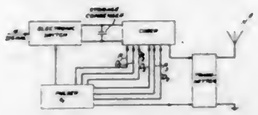
1. The method of re-tracking a derailed locomotive or the like which comprises parting the rails of an adjacent track in a transverse line approximately even with a pair of end wheels of the locomotive; shifting two rail ends of the parted track side-wise by bending them without any further disconnection of any rail joints, to displace a portion of the track equal substantially in length to that of the locomotive, into alignment with the latter; inserting between the free ends of the displaced rail sections and said end wheels, ramps with slopes extending from the track bed level to the tops of said displaced rail sections; and thereupon moving the locomotive to roll its wheels up the ramps for ultimate diversion onto the track proper by way of the displaced portions of the rails.

2,451,043
GAS DISCHARGE LAMP
Miles Pennybacker, Westport, Conn.
Application December 23, 1944, Serial No. 569,488
8 Claims. (Cl. 176—122)



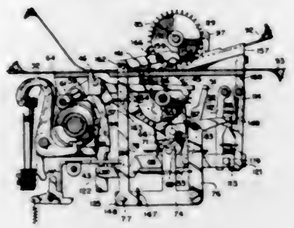
1. In an elongated positive column discharge tube containing an ionizable gas, two electrodes positioned within said tube, at the respective ends thereof, a trough-shaped metallic starting strip positioned within said tube, partly surrounding and extending longitudinally a substantial distance along the path of the discharge, and a coating of insulating material in the form of discrete particles, each particle being relatively impermeable and insulative, said insulating coating covering substantially the entire active interior surface of said strip and being porous, to allow a cathode glow discharge to pass through the interstices between said particles, and yet offering a material electrical resistance, whereby current flow via said starting strip is minimized both before and after establishment of the positive column discharge, and whereby the outer surface of said strip reduces light emission from a portion of said tube.

2,451,044
COMMUNICATION SYSTEM EMPLOYING PULSE CODE MODULATION
John R. Pierce, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 9, 1945, Serial No. 603,934
14 Claims. (Cl. 179—1.5)



3. In a communication system in which the amplitude of a complex wave is sampled at recurrent intervals and the sample amplitude represented by a permutation code group of pulses each of either of two different signaling conditions for transmission, means for storing a voltage proportional to the sample amplitude of the wave, means for building up a reference current of components of successively smaller amplitudes, the number of components corresponding to the number of pulses of said group, means for comparing the stored voltage with the voltage produced by the flow of the reference current through an impedance upon the addition of each component current, and means responsive to said means for comparing for establishing the signaling condition of each of said pulses.

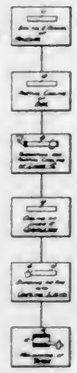
2,451,045
AUTOMATIC MESSAGE NUMBERING TELEGRAPH TRANSMITTER
Louis M. Potts, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application December 20, 1943, Serial No. 514,888
25 Claims. (Cl. 178—17)



1. A transmitter apparatus comprising, a plurality of step-by-step form feeding devices, a common form sensing device, and means responsive to the signals sensed by said common form sensing device to concurrently arrest one of said form feeding devices and initiate the operation of another of said plurality of form feeding devices.

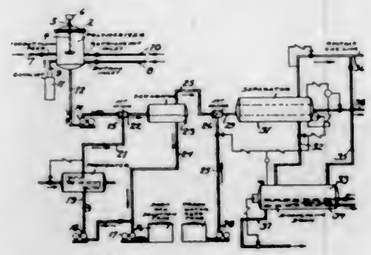
2,451,046
METHOD OF COUPLING PIPE
Ernest Wayne Rembert, Hinsdale, Ill., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application September 20, 1944, Serial No. 554,882
4 Claims. (Cl. 18—59)

1. A method of forming a coupling sleeve comprising introducing a molten thermoplastic material within a tubular member, rotating said tubular member to distribute said thermoplastic material in a substantially uniform thickness layer to form a liner, cooling and setting said thermoplastic material, dividing said tubular member into a plurality of sleeves, and shaping the liner



within said sleeves to define tapers extending substantially uniformly from a minimum thickness adjacent the ends thereof to a maximum thickness adjacent the center thereof.

2,451,047
POLYMER RECOVERY FROM LOW-TEMPERATURE POLYMERIZATION OF OLEFINIC MATERIAL
Arthur C. Skooglund, Clark Township, Union County, and Charles C. Swoope, Union, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application May 14, 1943, Serial No. 486,980
11 Claims. (Cl. 260—93)

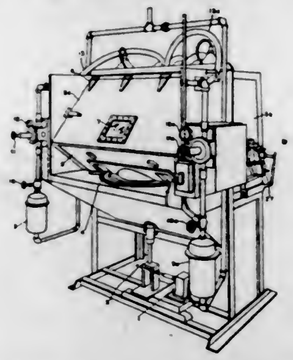


1. The process of preparing a purified low temperature olefinic polymer comprising the steps of cooling a liquid solution of olefin hydrocarbon having a carbon atom number within the range between 4 and 10 inclusive carbon atoms per molecule to a polymerization temperature within the range between —40° C. and —164° C. in the presence of a solvent for both the olefinic material and the polymer, polymerizing the olefinic material by addition thereto of a Friedel-Crafts catalyst to yield a cold polymer solution, jetting the cold polymer solution at a temperature within the range between 80° F. and 90° F. and a pressure within the range between 400 and 500 pounds per square inch into intimate admixture with an aqueous alkaline solution to produce turbulent mixing and thereafter separating the polymer from the aqueous alkaline solution.

2,451,048
LUBRICATING OIL ADDITION AGENTS
William J. Sparks, Cranford, N. J., and Donald C. Field, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application March 23, 1944, Serial No. 527,838
7 Claims. (Cl. 260—4)

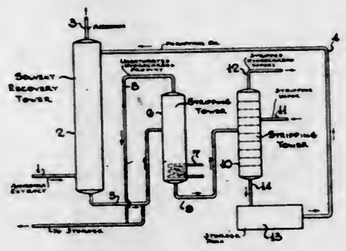
1. The process for preparing a compound soluble in hydrocarbon oil which comprises reacting one part of an unsaturated high molecular weight essentially hydrocarbon polymeric material having an unsaturation greater than 25% as measured by the Kemp method for natural rubber and characterized by having a substantially aliphatic linear chain structure with the unsaturation interspersed along the chain as double bonds and by being capable of reacting with sulfur to give a product which has an elongation under tension of from 200% to 1200% at break, a forcible retraction upon release of the tension to the original dimension and shape and a tensile strength at break ranging between 500 lbs. and 5000 lbs. per sq. in., with 0.5 to 10 parts of a C_4 unsaturated hydrocarbon selected from the group consisting of isobutylene and butadiene, at a temperature between —20° C. and 40° C. in the presence of 0.2% to 5% by weight, based on the total reacting material, of an amphoteric metal halide polymerization catalyst in a highly dispersed fluid state.

2,451,049
ABRASIVE PNEUMATIC FINISHING MACHINE
Alta W. Tell, Ligonier, Pa., assignor to Stupakoff Ceramic & Manufacturing Company, Latrobe, Pa., a corporation of Pennsylvania
Application June 12, 1946, Serial No. 676,247
10 Claims. (Cl. 51—15)



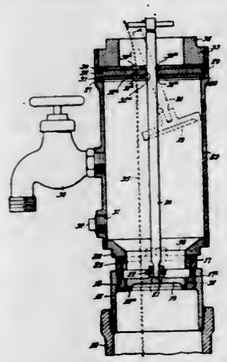
1. An abrasive finishing machine comprising a housing, a turntable mounted in said housing in a manner so as to have a portion thereof projecting exteriorly of the housing through an aperture thereof, a plurality of pockets on said turntable for seating articles whose surfaces are to be blasted and thereby finished by an abrasive fluid, gun means mounted in said housing above said pockets to direct a blast of said abrasive fluid on said pocketed articles and a flexible mask mounted on said turntable and having a plurality of cutaway portions registering with said pockets, and means overhanging said turntable for lifting only a portion of said flexible mask during rotation of the turntable in order to uncover said portion of the turntable projecting exteriorly of the housing.

2,451,050
OLEFIN EXTRACTION
Carl O. Tongberg, Westfield, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application November 24, 1945, Serial No. 630,679
7 Claims. (Cl. 260—681.5)



3. In the extraction and segregation of an olefin from a mixture of hydrocarbons having a molecular weight difference of not over 30 between the highest and lowest molecular weight components thereof and containing olefin where ammonia and a modifier that increases the solvent power of the ammonia is used as a solvent to obtain an extract of the olefin in the ammonia, the following steps which comprise passing the ammonia extract containing the olefin in countercurrent flow to a paraffinic oil having an initial boiling point of at least 450° F. and a Saybolt viscosity at 100° F. of 80 to 90 seconds, separating the paraffinic oil from the ammonia and modifier, heating the paraffinic oil to expel the major fraction of the olefin, and separately stripping the residual paraffinic oil with a saturated hydrocarbon boiling at a higher temperature than the olefin, and within a range of 96° F. to 160° F. to obtain overhead an olefin and, as a residue, paraffinic oil substantially free of the olefin.

2,451,051
SANITARY PIPE CLEANOUT DEVICE
Riley R. Tubbs, Great Bend, Kans.
Application February 18, 1946, Serial No. 648,289
5 Claims. (Cl. 15—104.30)



5. In a pipe cleanout device, a cylinder open at its upper end, and having an annular internal shoulder adjacent its upper end, a gasket resting upon said shoulder, a pair of metal discs, a compressible disc between said pair of discs and

a ring threadedly secured in the upper end of the cylinder and adapted to bear against said discs, the metal discs having centrally located holes, a rod of considerably less diameter than said holes extending therethrough and capable of being tilted therein, a plug pivotally connected to said rod, said discs having other holes through which a cleanout tool may be inserted and the compressible disc having a centrally located hole, the wall of which fits tightly against the rod and the compressible disc having also a slit therein registering with said other holes through which a cleanout tool may be moved.

2,451,052

METALLO-ORGANIC COMPOSITIONS

Carl N. Andersen, Pleasantville, N. Y., assignor, by mesne assignments, to Gallowhur Chemical Corporation, a corporation of New York

No Drawing. Application March 2, 1945, Serial No. 580,703
3 Claims. (Cl. 260—432)

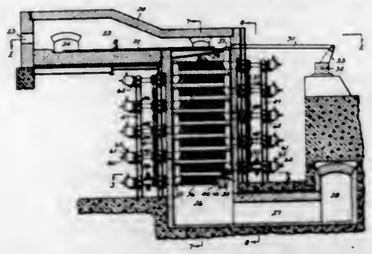
3. As a new composition of matter, the product that is formed by adding copper acetate to a solution containing para-amino phenyl mercury lactate and lactic acid.

2,451,053

CONVEYING MECHANISM FOR BILLET HEATING FURNACES

David P. Anderson, Pittsburgh, Pa., and Strickland Kneass, Jr., Boylston, Mass., assignors to Morgan Construction Company, Worcester, Mass., a corporation of Massachusetts

Application June 15, 1945, Serial No. 599,566
14 Claims. (Cl. 263—6)



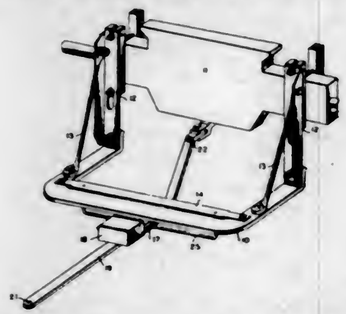
14. Conveying mechanism for a billet heating furnace having a hearth, a horizontal passage for the flow of hot gases rearwardly above the hearth, and a vertical passage through which the gases flow downwardly from the rear end of the horizontal passage, the said mechanism comprising a plurality of vertically spaced sets of rotatable cantilever beams extending into the vertical passage to support vertically spaced layers of billets for absorption of heat from the gases, the uppermost set of beams extending forwardly and the remaining sets extending alternately in a rearward and forward direction, each beam having a helical groove extending therearound to receive the billets, means to rotate the beams and cause the billets in each layer to move broadside along the associated beams in a direction away from the free ends thereof, a set of stationary cantilever beams extending rearwardly from the hearth at the top of the vertical passage and somewhat above the uppermost set of rotatable beams, cams on the rotatable beams adjacent the supported ends thereof, the cams being shaped and arranged to lift the billets successively from the corresponding sets of beams and deposit them on the free ends of the beams in the set next thereabove, and means to move the billets broadside in a forward direction along the stationary beams and the hearth.

2,451,054

SELF-ALIGNING SWINGING DRAWBAR

Linwood Atkinson, Hillman, Mich.

Application June 18, 1946, Serial No. 677,554
10 Claims. (Cl. 280—33.44)



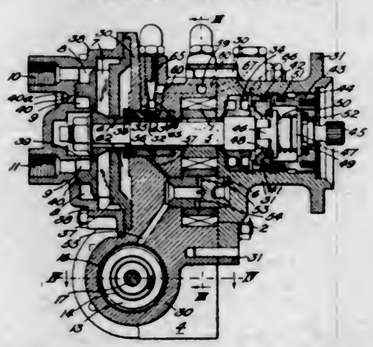
1. A tractor hitch with self-adjusting drawbar in combination with a stationary transverse drawbar member, comprising a track member secured parallel to and substantially level with said stationary drawbar, an auxiliary drawbar pivoted at one end of the tractor for limited horizontal and vertical swinging movement and extending beyond said stationary drawbar beneath the same, a runner element on the track, a shock absorber secured on the auxiliary drawbar adjacent to said track to move horizontally with the auxiliary drawbar, and a coupling between the runner element and the shock absorber whereby the shock absorber is made to function upon vertical swinging movement of the auxiliary drawbar.

2,451,055

FUEL PUMP

Thomas Edward Beacham, London, England

Application May 9, 1944, Serial No. 534,750
In Great Britain March 8, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires March 8, 1963
7 Claims. (Cl. 103—5)



1. A fuel pump for an internal combustion engine comprising a gear pump adapted to be connected to and driven by the internal combustion engine at a speed corresponding to the engine speed and having inlet and outlet conduits adapted to be connected respectively to a fuel supply and said engine to deliver fuel from the former to the latter, an impeller coupled to the gear pump and driven therewith at a corresponding speed, a high pressure chamber connected with the discharge of said impeller, a low pressure chamber connected with the intake of the impeller, a pressure responsive means connected between said high and low pressure chambers and means associated with said pressure responsive means for varying the flow of fuel from said gear pump to the engine.

2,451,056

KEY HOLDER

Joseph Berger and Morris Wachman, Brooklyn, N. Y.

Application January 2, 1948, Serial No. 282
2 Claims. (Cl. 70—456)



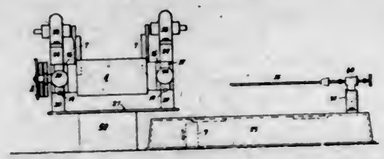
1. In a key holder, a casing providing a plurality of longitudinally extending slots opening through one end and along one longitudinal edge thereof, a cross-pin extending through said casing, a plurality of coiled springs mounted on said cross-pin and located in said slots respectively, yoke members releasably affixed to the keys respectively, studs swivelly connected with said yoke members and linked to the coiled springs at one end thereof respectively and slides mounted on said casing for longitudinal reciprocatory movement into and out of overlying relation with the ends of the shanks of the keys for securing the same in position in the slots in the casing under tension of said springs and for releasing the keys for projecting the same from the casing.

2,451,057

BED FRAME AND DETACHABLE GRINDING ROLLER UNIT

Julius Z. Bernard, Freeport, N. Y.

Application April 28, 1947, Serial No. 744,411
1 Claim. (Cl. 241—285)



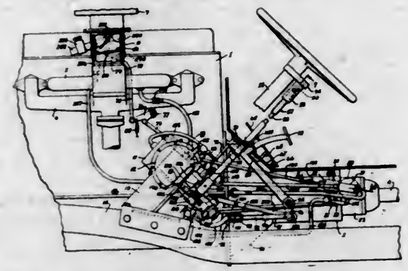
A roller mill including a support and a roller unit detachably mounted upon said support and arranged to be detached therefrom as a unit comprising a bed frame for the support of the roller unit and water cooling means for the grinding rollers of the unit mounted upon said bed frame, a roller mill unit removably mounted upon said bed frame and comprising a plurality of hollow grinding rollers, bearing boxes for supporting said rollers in cooperative grinding relation, water cooling pipes extending from said cooling means through the said bearing boxes and into said rollers to cool the same, a single base plate for supporting the entire roller unit, said base plate including upstanding side rails for supporting the said bearing boxes in slidable relation for adjusting the frictional contact between said rollers, gear means in said unit for operating the said rollers, a motor mounted within the said bed frame and detachably operatively connected to said gear means, and means for securing said single base plate to the said bed frame in detachable relation whereby to remove the entire roller mill unit from the bed frame and removing the grinding rollers from said water cooling pipes and cooling means.

2,451,058

SEMIAUTOMATIC AUTOMOTIVE TRANSMISSION WITH GOVERNOR-SYNCHRONIZED GEARS

David S. Bennetch, Sheridan, Pa.

Application July 6, 1939, Serial No. 282,982
19 Claims. (Cl. 74—472)



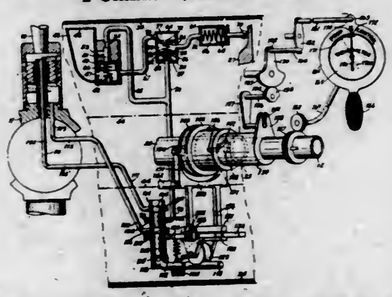
1. In an automotive vehicle, an engine having a carburetor and throttle, a propeller shaft having a speed governor, an operator's control element, a transfer mechanism for shifting control of said throttle between said operator's element and said governor, said transfer mechanism having a vacuum chamber, said transfer mechanism having normally lost motion connection with said governor and a normally operative connection with said operator's element, means actuated by applying vacuum to said chamber for converting said normally lost motion connection to an operative connection, and for converting said normally operative connection to a lost motion connection.

2,451,059

PROPELLER MECHANISM

Werner J. Blanchard and Charles S. J. MacNeil, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

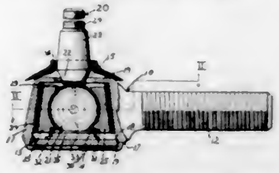
Application August 5, 1942, Serial No. 453,654
1 Claim. (Cl. 170—163)



In a hydraulically controlled constant speed variable pitch propeller having a reservoir rotatable therewith and enclosing a quantity of fluid

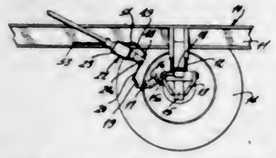
pressure medium, with pitch control apparatus including a governor valve immersed in the medium and responding to the combined effects of centrifugal force and flotation of the valve in the medium for controlling the blade pitch to effect propeller operation consistent with a predetermined selected speed, the combination of means for detecting a variation in flotation of the valve in the fluid pressure medium, and compensating for the influence of the varied flotation upon the response of the valve to effect selected speed operation, said means including a tachometer with scale and needle for indicating the actual propeller speed, a manually operated member for actuating the propeller pitch control to effect a blade angle suitable for the selected speed indicated by the tachometer and including a part rotatable about the tachometer scale and having an index cooperable with the scale for translating blade pitch to speed indication, the coincidence of both needle and index with the same selected speed point on the tachometer scale indicating a prescribed quantity of fluid medium in the reservoir and hence a prescribed flotation force applied to the valve, and non-coincidence of both the needle and index with a selected point on the scale of the tachometer indicating other than a prescribed quantity of fluid medium in the reservoir and hence a variation from the prescribed flotation force applied to the valve and thereby a deviation from the selected speed, and means including the manually operated member with linkage to the propeller control for adjusting the propeller pitch until the needle for propeller speed coincides with the selected point on the scale of the tachometer, thereby altering the actual blade setting for compensation of the variation in flotation force applied to the valve and accomplishing a propeller speed of operation consistent with the predetermined selected speed.

2,451,060
JOINT ASSEMBLY
James H. Booth, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application October 22, 1945, Serial No. 623,740
2 Claims. (Cl. 287—85)



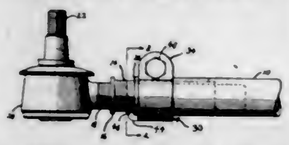
1. A ball and socket joint comprising a housing having a tapered bore and an apertured end wall at the converging end of the bore, a closure plate secured to said housing at the large end of the bore, a stud having a shank projecting freely through the aperture in said wall of the housing and a ball end in the housing, a pair of fragmental annular rigid bearing seats in said housing on opposite sides of the ball end of the stud therein, each seat having an outer wall converging in the same direction as the bore of the housing in spaced relation from the housing, each seat having spaced opposed flat side faces and fragmental spherical recesses in said side faces, said seats having openings in the tops and bottoms thereof communicating with said recesses, said bottoms of the seats having recesses therein terminating in shoulders, said openings in the tops of the seats receiving the shank of the stud freely therethrough, said openings in the bottoms of the seats receiving the end of the ball therethrough, a spring bottomed on the closure plate and seated on the shoulders of said seats in said bottom recesses thereof, and a relatively thin sleeve of resilient material interposed between the tapered outer walls of the seats and the bore for fitting the seats in the housing and for absorbing shock loads to protect the bearing surfaces of the studs and seats.

2,451,061
VARIABLE RATIO STEERING ASSEMBLY
James H. Booth, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application October 27, 1945, Serial No. 625,092
5 Claims. (Cl. 74—496)



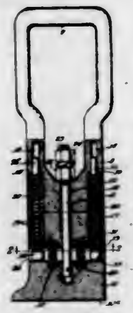
1. A steering assembly comprising a casing having open ends and defining an operating chamber therebetween, a first bearing tiltably mounted in one open end of the casing, a sleeve projecting into the other open end of the casing and having a flanged end secured to the casing, a second bearing tiltably mounted on the sleeve in said operating chamber, a tube slidably mounted in the first bearing and on the second bearing and projecting out of the casing beyond the first bearing, a third bearing tiltably mounted in the sleeve, means in said sleeve holding the third bearing against axial movement, a fourth tiltable bearing slidable in the tube, a worm in said tube rotatably carried in the third and fourth bearings, means holding the worm against axial movement relative to the third and fourth bearings, opposed worm gears rotatably mounted on the tube in said operating chamber of the casing and projecting through the tube into meshed engagement with the worm, means for rotating the worm to drive the gears for reciprocating the tube relative to the casing, a pitman arm depending from the tube outside of the casing, and a shiftable control link connected to said tube to selectively translate reciprocal movement of the tube and pitman arm into rotating movement for swinging the pitman arm.

2,451,062
CLAMP ASSEMBLY
James H. Booth, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application December 21, 1945, Serial No. 636,379
3 Claims. (Cl. 287—90)



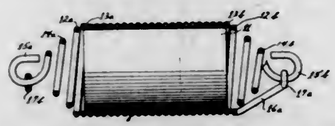
1. In combination, a link rod having a hollow slotted end portion adapted to be contracted around an insert, a clamp member having a split annular body portion surrounding said slotted end portion, means for drawing together said split annular body portion around said link rod, thereby contracting said slotted end portions, and a projecting lip member integrally formed on said clamp member and engageable with said link rod to longitudinally position said clamp member on said link rod.

2,451,063
RIVETING TOOL
Morris Brown, San Diego, Calif.
Application June 2, 1944, Serial No. 538,356
10 Claims. (Cl. 78—53.5)



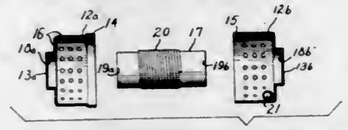
2. A bucking tool for coacting with a power hammer comprising: a portable body, a bucking element provided with a face for engaging a rivet and receiving impact blows from the hammer through the rivets, a stem centrally disposed on and secured to the element and slidably mounted in the body, a pin means carried by said stem and movable in a slot in said portable body to prevent rotation of said stem, a plurality of spring-pressed anvils provided with stems slidably mounted in the body at the sides of the stem on the element, springs in the body and around the stems on the anvils, for imparting to the element counter blows reactively to the blows received through the rivets from the hammer, and a plurality of resilient devices between the element and the body, for damping the vibration of the element, disposed between the stem on the element and the anvils.

2,451,064
ELECTROLYTIC WATER CORRECTION DEVICE
Edgar M. Butler, New Orleans, La.
Application May 3, 1946, Serial No. 666,901
7 Claims. (Cl. 204—248)



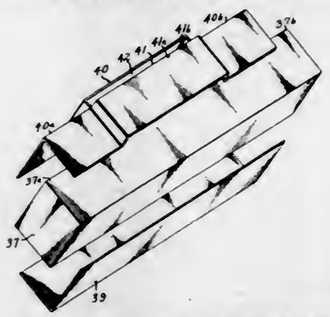
3. In an electrolytic water correction device, a core, a coiled wire sheath of positive metal of the electromotive force series for receiving therein the core of negative metal of the electromotive force series, said sheath comprising a pair of separate coiled sections, each having an open end for receiving the core and a partially closed end, the open ends of the sections being interthreaded to enclose the core therein, the partially closed ends being at opposite ends of the core and serving to hold the core within the sheath.

2,451,065
ELECTROLYTIC WATER CORRECTION DEVICE
Edgar M. Butler, New Orleans, La.
Application May 29, 1946, Serial No. 672,986
2 Claims. (Cl. 204—248)



1. In an electrolytic water correction device, the combination with a perforate two-part cage having closed end sockets of a cylindrical core of negative metal encased within and press-fitted into said end sockets to be supported by said cage, and a tightly wound helical spring of positive metal surrounding an intermediate length only of said core and resiliently gripping said core to insure good electrical contact therewith during expansion and contraction of said core.

2,451,066
ELECTROLYTIC WATER CORRECTION DEVICE
Edgar M. Butler, New Orleans, La.
Application July 25, 1946, Serial No. 686,133
3 Claims. (Cl. 204—248)



1. An electrolytic water correction device for use in water boilers, comprising a bar of rectangular cross-section formed of a negative metal, a two-part sheath of a positive metal, each part enclosing a pair of adjoining sides of said bar, one of said sheath parts conforming to and in surface contact with a substantial intermediate portion of said bar and the other of said sheath parts having end portions conforming to and in surface contact with said bar adjacent the ends thereof and having offset portions intermediate said end portions spaced from and parallel to corresponding intermediate bar surfaces, both of said sheath parts terminating short of the ends of said bar to expose the ends thereof to electrolytic action, and clamping means holding contacting portions of said sheath parts and bar in a pressure contact relationship.

2,451,067
SELF-ENERGIZING ELECTROLYTIC WATER CORRECTION DEVICE
Edgar M. Butler, New Orleans, La.
Application October 30, 1946, Serial No. 706,741
6 Claims. (Cl. 204—248)

5. A self-energizing galvanic electrolytic water correction device comprising a metal core constituting the negative element and a jacket constituting the positive element, said jacket consist-

ing of a plurality of helical turns of resilient metal wire tightly wound and closely spaced along sub-



stantially the full length of said core and resiliently and frictionally gripping said core to retain the same and provide a support therefor.

2,451,068

ELECTROLYTIC WATER CORRECTION DEVICE FOR INSERTION IN CIRCULATORY SYSTEMS

Edgar M. Butler, New Orleans, La.

Application November 16, 1946, Serial No. 710,312
5 Claims. (Cl. 204—248)



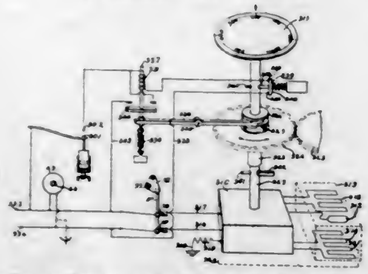
1. A self-energizing electrolytic water correction device, comprising a plug having an internally threaded recess, a negative metal cartridge and a helical positive metal spring frictionally gripping said cartridge and threaded at one end into said threaded recess for retention therein, the other end of said spring being bent across the corresponding end of said cartridge to prevent accidental separation thereof.

2,451,069

TIME AND TEMPERATURE CONTROLLER FOR DOMESTIC APPLIANCES

Robert R. Candor, Oakwood, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application October 11, 1943, Serial No. 505,749
10 Claims. (Cl. 219—20)



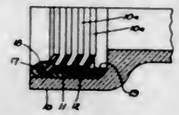
2. In a device of the character described, a source of heat energy, an oven, heating means for said oven, a thermostat controlling the flow of energy from said source to said heating means in response to oven temperature, thermostat adjusting means for said thermostat having an off position and a cooking position, a clock having an on indicator, an off indicator and a time indicator, means for adjusting said indicators, means for disconnecting said source of heat energy from said heating means when said on indicator is adjusted away from said time indicator and for connecting said source with said heating means and for locking said on indicator to said time indicator when said time indicator becomes coincident with said on indicator, means for returning said thermostat adjusting means from cooking position to off position and for locking said off indicator to said time indicator when said time indicator becomes coincident with said off indicator, and thereafter preventing repetition of said returning of said thermostat adjusting means until after said off indicator has been adjusted away from coincidence with said time indicator.

2,451,070

FLUID-RETAINING JOINT AND METHOD OF MAKING THE SAME

James M. W. Chamberlain, Fairlawn, Ohio, assignor to United States Stoneware Company, Akron, Ohio, a corporation of Ohio

Application March 12, 1945, Serial No. 582,218
10 Claims. (Cl. 285—163)



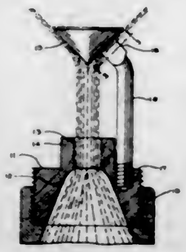
1. A fluid-retaining sub-assembly comprising a rigid member having an annular coupling face, a pouring of a setting material fitting against said face, and a deformable sealing member having a part held in determinate form and position in relation to said rigid member by said setting material, the setting material being formed with a tapered surface for guiding another rigid member into mated relation to the first said member.

2,451,071

SPRAY NOZZLE

Earl E. Cline, Decatur, Ill., assignor to Mueller Co., Decatur, Ill., a corporation of Illinois

Application February 17, 1945, Serial No. 578,474
3 Claims. (Cl. 299—121)



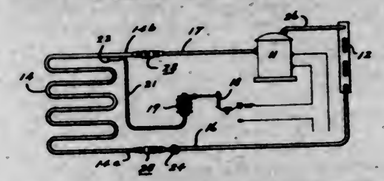
1. A nozzle comprising a base having a fluid jet orifice, a member having a film-forming surface positioned to receive the fluid jet from the orifice and disperse it into film form, and a supporting standard for said member having a reduced film-separating portion coupled directly to and in contact with the film-forming surface of said member.

2,451,072

REFRIGERATING SYSTEM HAVING THERMOMETER-RECEIVING WELL AT THE EVAPORATOR INLET AND OUTLET

Lonzo S. Cooper, Piqua, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application July 24, 1946, Serial No. 686,039
1 Claim. (Cl. 62—115)



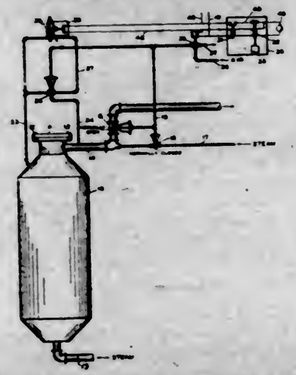
A closed refrigerating system comprising in combination, a refrigerant translating device, a cooling element having a refrigerant inlet and a refrigerant outlet, a conduit establishing communication between said device and the inlet of said element and a conduit establishing communication between said device and the outlet of said element, a coupling connecting said first named conduit to said cooling element, a coupling connecting said second named conduit to said cooling element, and each of said couplings having means disposed in the path of flow of refrigerant therethrough and forming a well adapted to receive a thermometer from exteriorly of said couplings for indicating the temperature differential between refrigerant entering and refrigerant leaving said cooling element.

2,451,073

CONTROL APPARATUS

Robert D. Cowherd, Atlanta, Ga., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut

Application June 22, 1944, Serial No. 541,613
6 Claims. (Cl. 210—152)



6. In combination with a processing vessel having a vent pipe for the escape of fluid therefrom and a strainer in said vessel adjacent said vent pipe to separate entrained matter from said fluid, a valve in said vent pipe normally opened and adapted to be closed to prevent the outflow of said fluid, means for supplying steam to said strainer for purging the latter of accumulated suspended matter, a valve normally closed and controlling the admission of said steam to said strainer, a fluid-pressure responsive element, conduit means for connecting opposite sides of said element to said vessel on opposite sides of said strainer for subjecting said element to corresponding fluid pressures, electrical switch means mechanically connected to said fluid-pressure responsive element for operation in response to attainment of a predetermined pressure differential across said strainer, means for operating said valves substantially simultaneously in opposite senses, a source of electric power, and connections from said source controlled by said switch means for controlling said valve operating means to close the first-mentioned valve and open the second mentioned valve in response to attainment of said pressure differential.

2,451,074

STRAINER

Beatrice M. Dean, Los Angeles, Calif.

Application April 4, 1947, Serial No. 739,447
1 Claim. (Cl. 210—162)



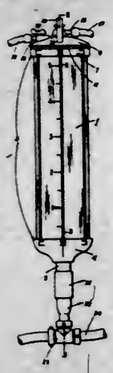
A strainer of the class described, comprising a long stem, a flat disk head forming an integral part of one end of the stem, said disk having a surrounding groove in the edge thereof, an annular filtering element surrounding the head and having its inner edge fitting in said groove, a binding rim secured to and enclosing the peripheral margin of the strainer element, a nut threaded upon the opposite end portion of the stem, and arms carried by the nut.

2,451,075

MILK RECEIVER FOR AUTOMATIC MILKING SYSTEMS

John J. De Caril, Stockton, Calif.

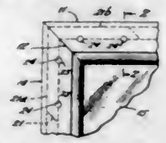
Application June 28, 1943, Serial No. 492,487
4 Claims. (Cl. 31—82)



1. In a vacuum milking apparatus, a closed milk receiver constructed at its upper end for connection with separate sources of vacuum and milk, a milk outlet neck on the lower end of the receiver, an outlet conduit depending from the

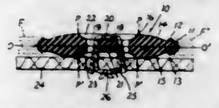
neck and including a relatively stiff but resilient sleeve removably engaging over the neck in frictional contact therewith, and a downwardly opening flap valve unit mounted in the removable sleeve and held therein solely by frictional contact with the inner surface of such sleeve.

2,451,076
FRAME STRUCTURE
Alfred B. Edwards, Jr., Plandome, N. Y.
Application April 2, 1946, Serial No. 659,081
5 Claims. (Cl. 189—76)



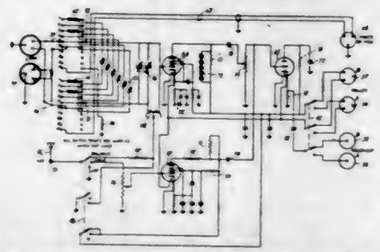
1. In a frame, a pair of rail members each having a longitudinal passage therein; an insert for connecting abutting ends of said rails, said insert having arms inserted into and slidably engaging the walls of the passages in said rail members respectively; and means engaging an inner edge of the insert and forcing said insert outwardly for holding said insert assembled with said rail members, said means including a plurality of fastener elements extending transversely through said rail members laterally intersecting a surface of said corner member and having frictional engagement with said rail members and said corner piece.

2,451,077
MOLDED INTEGRAL SEWING HOLE BUTTON OF THERMOSETTING SYNTHETIC RESINOUS MATERIALS
Sidney Emsig, Woodmere, N. Y.
Application March 1, 1948, Serial No. 12,299
4 Claims. (Cl. 24—90)



1. A molded integral sewing hole button made of a moulding mixture consisting of thermo-setting synthetic resinous material comprising symmetrically positioned anchor zone thread compression cavities.

2,451,078
DIRECTIONAL ANTENNA TUNING SYSTEM
William G. H. Finch, Newtown, Conn.
Application September 7, 1944, Serial No. 552,957
5 Claims. (Cl. 343—113)



1. In radio direction finding apparatus, a plurality of loop antennae and a plurality of radio receivers, each of said loops and said receivers being adapted to receive signals of a different limited frequency range, means for combining said loops and said receivers comprising a tuning unit, said tuning unit comprising a plurality of independently operable tuning elements each adapted to a selected frequency range, and switch means for selecting the tuning element having the frequency range to which the said loop antennae is adjusted; and means for tuning the tuning element and loop within said frequency range for receiving a signal within said selected frequency range means for amplifying said signal and selective means for impressing said signal upon one of said receivers, a non-directional antenna, and means for selectively coupling said non-directional antenna to said amplifier, and to said loop antenna, a variable condenser, said last mentioned connection being made through said variable condenser, and means for disconnecting said non-directional antenna.

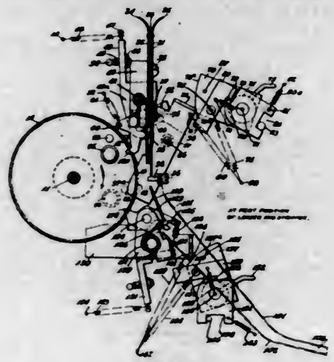
2,451,079
FACSIMILE APPARATUS RECORD MOUNTING MEANS
William G. H. Finch, Newtown, Conn.
Application January 24, 1946, Serial No. 643,105
12 Claims. (Cl. 271—3)



1. In facsimile apparatus, a rotatable cylindrical drum; means for mounting a facsimile sheet on said drum; said means comprising two rows of pins extending from the surface of the drum parallel to the axis of the drum; one row of pins being adapted to impale one margin of said facsimile sheet; the other row of pins being adapted to impale the opposite margin of said facsimile sheet; and a loading plate having one end engageable with said drum; said loading plate including means for supporting a facsimile sheet; manually operated means for preparing the loading plate for a sheet loading operation; a member movable with the drum and connectable with the loading plate at a specific angular position of the drum when said manually operated means is operated to cause said one end of the loading plate to move against said drum to impale the sheet carried thereby on the pins of the drum.

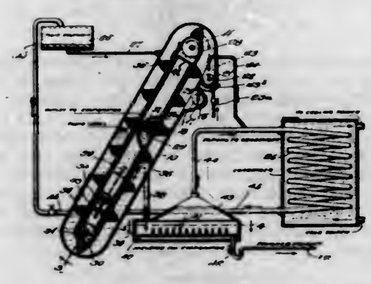
2,451,080
FACSIMILE TRANSMITTER-SHEET LOADING AND STRIPPING MECHANISM
William G. H. Finch, Newtown, Conn., and Gottfried H. Hohmann, Bronx, N. Y., assignors to Finch Telecommunications, Inc., Passaic, N. J., a corporation of Delaware
Application December 17, 1946, Serial No. 716,772
7 Claims. (Cl. 271—3)

1. In facsimile apparatus, a rotatable cylindrical drum; means for mounting a facsimile sheet on said drum; said means comprising two rows of pins extending from the surface of the drum parallel to the axis of the drum; one row of pins being adapted to impale one margin of said facsimile sheet; the other row of pins being adapted to impale the opposite margin of said facsimile sheet; a loading plate having one end engageable with said drum; said loading plate including means for supporting a facsimile sheet; said loading plate being biased away from said drum; and means for driving one end of said loading plate against said drum; said last-mentioned means comprising an operating cam biased to a predetermined position and manually operable to a second predetermined position; an operating lever for moving the loading plate toward said drum and biased against said cam; and latch members connecting said operating lever



and said loading plate; said latch members being normally disengaged; the movement of said operating cam to said second position causing said latch members to engage and permitting the operating lever to rotate to a second position under the influence of its bias; a pin movable with said drum and engaging an end of said lever to rotate the same back toward the first position thereof at a predetermined angular position of the drum; said engaged latch members transmitting the motion of the lever to the loading plate at said predetermined angular position of the drum.

2,451,081
APPARATUS FOR EXTRACTING VEGETABLE OIL
Lester L. Ford, Eufaula, Ala.
Application August 24, 1943, Serial No. 499,873
2 Claims. (Cl. 23—267)

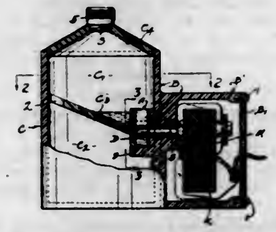


1. An extraction apparatus combination comprising an elongated inclined extraction chamber having shafts positioned at its upper and lower end, an endless conveyor operated by said shafts, perforated buckets on said conveyor arranged to travel with small clearance with the walls of said chamber and in upward flight to raise material from the bottom section of said chamber for drainage through said perforated baskets and in its downward flight to force material downwardly into said bottom section, a central partition in said chamber dividing said flights so that liquid admitted thereto in the upflight compartment flows downwardly and under the partition for drainage in the downflight compartment, an inlet for extraction liquid in the upper portion of said upflight compartment, an overflow outlet for the micella, a first screw conveyor extending into the upper portion of said downflight compartment of the chamber, and a second screw conveyor extending into said downflight compartment above said first conveyor and arranged to receive material discharged from said baskets on commencement of said downward flight.

2,451,082
PURIFICATION OF PHENOTHIAZINE
Charles W. Gates and Cecil R. Howey, Elmira, Ontario, Canada, assignors to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application September 5, 1946, Serial No. 695,032
5 Claims. (Cl. 260—243)

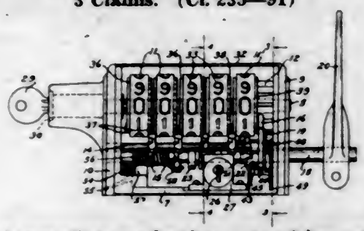
1. A method of purifying crude phenothiazine containing sulfur and an acidic catalyst as impurities which comprises agitating the crude phenothiazine in finely-divided form with a dilute aqueous solution of an alkali and a water-soluble reducing agent selected from the group consisting of alkali metal sulfites, hydrosulfites and hydrosulfides, and subsequently separating the phenothiazine from the mixture and washing the separated product to produce a product purified of said impurities and having a yellow to yellow-greenish color.

2,451,083
LATHER MAKING MACHINE
William A. Haines, Jr., Glendale, Calif.
Application September 17, 1945, Serial No. 616,934
4 Claims. (Cl. 259—9)



1. In a device of the character described, the combination of: a container formed with an upper and a lower compartment arranged, respectively, to hold a minor and a major quantity of liquid and in communication with each other, a chamber depending from the bottom of the upper compartment and in communication therewith at spaced points but not in communication with the lower compartment except through the upper compartment, and an impeller rotatably mounted in said chamber for inducing a flow of liquid and air therethrough and for discharging the same therefrom into the upper compartment during the rotation of the impeller, said upper chamber having an inclined bottom formed with munication with the lower compartment and said impeller chamber being positioned at the lowest point thereof.

2,451,084
LOCKING AND RESETTING MEANS FOR COUNTERS
Mark M. Hennessy, Milwaukee, Wis., assignor to Durant Manufacturing Co., Milwaukee, Wis., a corporation of Wisconsin
Application October 11, 1946, Serial No. 702,643
3 Claims. (Cl. 235—91)



1. A counting mechanism comprising, one or more numeral wheels, a common supporting shaft for said wheels, a drive shaft for revolving said wheels about said supporting shaft, a clutch interposed between said drive shaft and the numeral wheel of lowest order, a key actuated lock for disconnecting said clutch and for rendering said wheels inactive whenever the key is removed from said lock, another lock for effecting rotation of said supporting shaft, and common means for effecting actuation of both of said locks.

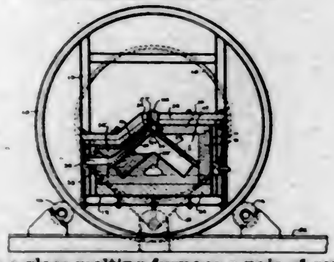
2,451,085
INSECTICIDAL HALOIDO-ALKYLENE ESTERS OF CAPRYLPHENOXYACETIC ACID
William F. Hester, Drexel Hill, and W E Craig, Philadelphia, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application June 14, 1945, Serial No. 599,508
18 Claims. (Cl. 167—30)

1. Compounds of the formula

$$\text{Capryl-Ph-OCH}_2\text{COOC}_n\text{H}_{2n}(\text{OC}_n\text{H}_{2n})_m\text{X}$$

wherein Ph is a phenyl nucleus, X is a haloid from the group consisting of chlorine, bromine, iodine, thiocyano- and cyano-groups, m is a number from zero to two, inclusive, and C_nH_{2n} is an alkylene chain of at least two carbon atoms in which n has a value of two to three, inclusive.

2,451,086
APPARATUS FOR MELTING AND CASTING GLASS
John F. G. Hicks, Corning, and Carl F. Henkel, Big Flats, N. Y., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York
Original application December 5, 1941, Serial No. 421,794. Divided and this application November 8, 1943, Serial No. 509,462
5 Claims. (Cl. 49—39)

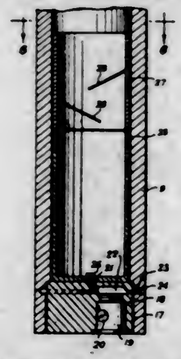


5. In a glass melting furnace a pair of generally disc shaped bodies mounted for movement about a horizontal axis passing through their geometric centers, a platform secured between said bodies, a refractory container and means for heating the same secured to said platform, said container being a hollow body having a discharge opening in one portion of its surface, said opening being in a plane including the axis of said bodies.

2,451,087
METHOD OF RECONDITIONING BATTERY PLATES
Alva L. Hindall, Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
No Drawing. Application December 1, 1944, Serial No. 566,253
5 Claims. (Cl. 136—165)

2. The method of rejuvenating negative battery plates of worn-out storage batteries comprising the steps of, washing the plates to remove all old acid and the like, charging the plates in a 5 to 10% solution containing equal parts of alkali metal salts of sulfates and tartrates for converting the lead sulfate in the plates to spongy lead, filling the pores of the plates with barium hydroxide and waste sulfite liquor, and then drying the plates, whereby the plates are rejuvenated and may be reassembled with a new set of positive plates.

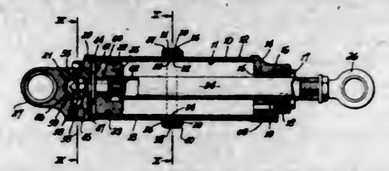
2,451,088
COIN-RECEIVING STRUCTURE
Lawrence Hoyt, Little Rock, Ark.
Application December 8, 1943, Serial No. 513,397
2 Claims. (Cl. 232—4)



1. A collection device of the character described comprising an elongated tube including a permanently closed top portion having a money receiving slot therein, a removable lock and plug in the lower portion of the tube, a cylindrical coin receiving can fitted in said tube and surmounting said plug, and a swivel connection between said plug and the bottom of said can whereby said can is removable with said plug and the plug rotatable in the tube independently of the can to facilitate locking the plug.

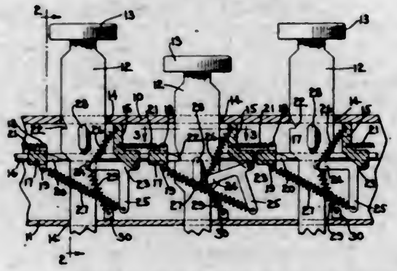
2,451,089
HYDRAULIC CYLINDER CONSTRUCTION
Frank B. Hunter, Roscoe, Calif., assignor to Casimir A. Miketta, Beverly Hills, Calif.
Application August 20, 1945, Serial No. 611,623
9 Claims. (Cl. 309—2)

5. A hydraulic cylinder assembly comprising a full length tubular liner forming a central bore of relatively precise dimension, a piston slidably mounted in the bore having a piston rod thereon extending from one end, a structural casing surrounding the liner with a clearance therebetween comprising elements each of substantially one half the length of the liner and having a closed end thereon forming one end of the cylinder assembly and means for connecting the open ends comprising opposed and abutting flanges on the elements of the structural casing recessed at the inner corner forming a space therebetween, a



ring packing in the space formed by the recesses adapted to be compressed against the exterior of the liner, a split ring assembly adapted to enclose the flanges throughout their circumferences, a circumferential exterior rim on the ring assembly, a continuous ring retained by the rim and surrounding the split ring assembly, an annular circumferential recess in the side of the split ring assembly opposite the rim and a spring snap ring adapted to be retained in the recess for anchoring the continuous ring in place.

2,451,090
KEY LOCKING MECHANISM
Edward B. Johnson, Grand Rapids, Mich.
Application July 18, 1945, Serial No. 605,677
5 Claims. (Cl. 235—130)



1. In a machine provided with a key having a shank, the key adapted to register numerical data on full depression thereof, the combination of latch means on the shank, a movable latch means adapted to engage the shank latch means to hold the key in partially depressed position and normally held yieldable out of engagement with the shank latch means, means for yieldably moving said movable latch means into engagement with the shank latch means on partial depression of the key and means for rendering the last mentioned yieldable latch moving means ineffective on full depression of the key.

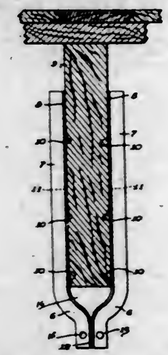
2,451,091
KEY RING
Keith Whitaker Johnson, Arlington County, Va.
Application March 18, 1946, Serial No. 655,093
20 Claims. (Cl. 70—456)

1. The combination with a resilient key-ring, of an opening member carried thereby having a cam adapted to force apart the opposite sides of the ring, whereby the meeting ends of the ring may be separated, and a stop adjacent to said cam to prevent the movement of the opening



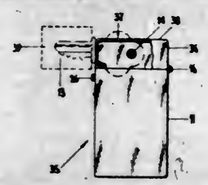
member relative to the ring in one direction beyond the position at which the meeting ends of the ring are maintained separated.

2,451,092
UTILITY HOLDER
Donald S. Jones, Ellwood City, Pa.
Application April 8, 1946, Serial No. 660,376
2 Claims. (Cl. 248—228)



1. A line holder comprising a yoke having its legs spaced apart to receive a joist between them, fastening devices on said legs, for preventing withdrawal of the yoke from the joist, and means for connecting a line to the closed end of the yoke, the said fastening device comprising laterally-yieldable spurs struck inwardly from the yoke legs and extending toward the closed end of the yoke.

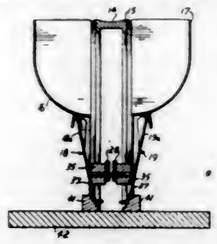
2,451,093
KEY CASE
Bernard H. Kaminer, Brooklyn, N. Y.
Application March 25, 1946, Serial No. 656,967
2 Claims. (Cl. 70—456)



1. In a pocket size key case, a receptacle of rectangular cross-section and comprising two narrow end walls and two wide side walls respectively lying in parallel planes, said walls being solid and non-separable and having an opening at its upper end, a cover having bearing means centrally thereof and being hingedly mounted on said receptacle at said open end, said hinge being mounted on one of said end walls to cause said cover to swing clear of said receptacle, said cover being of a size to close said opening, catch

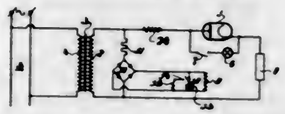
means secured to said case on the side opposite said hinge to automatically lock said cover on said receptacle, key-carrying means detachably mounted in said bearing means, said key-carrying means being positioned transversely of said cover to permit said keys to swing outwardly from said receptacle when said cover is swung into open position, said keys being movable into concealed relation within said receptacle when said cover is moved into closing position, said cover being centrally slotted on two adjacent sides to permit the body of one of said keys to project in operating position outside said receptacle with the head of said key projecting outside the boundaries of said cover while said receptacle is held in depending relation from said key.

2,451,094
DISPENSING MACHINE
Harry M. Kauffman, Philadelphia, Pa., assignor of one-half to William La Monaca, Philadelphia, Pa.
Application April 30, 1946, Serial No. 665,966
5 Claims. (Cl. 312—79)



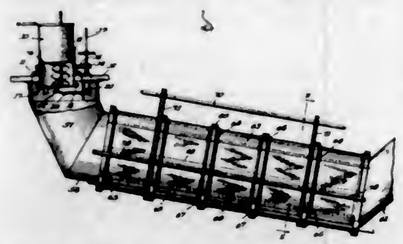
5. A dispenser for cigarettes and the like comprising in combination a standard with a receiving tray in the upper surface thereof, a storage hopper with an open side abutting said standard, a recessed vertical trackway in said standard, extending from the top of said hopper to a point below said hopper, an elevator slidably mounted in said trackway, operating means for raising and lowering said elevator in said trackway, said elevator having a hinged cigarette engaging plate adapted to be forced inwardly into said recess by the cigarettes or the like in the hopper during the downward movement of the elevator and means to force said plate out of said recess and into cigarettes engaging position below said hopper.

2,451,095
SAFETY DEVICE FOR RECTIFIERS
Hendrik Abraham Wijnand Klinkhamer and Ewout Cassee, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application April 25, 1946, Serial No. 664,722
In the Netherlands January 29, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires January 29, 1962
6 Claims. (Cl. 175—363)



1. In combination with an electrical supply system having rectifier means to which is applied a source of unrectified power, a safety device adapted to apply said power to said rectifier means at a predetermined gradual rate, said safety device comprising an impedance having a non-linear temperature coefficient of impedance connected to said system so as to absorb a portion of said power, the value of said impedance being low in the unheated state relative to the value in the fully heating state, said impedance having a thermal capacity effecting the application of said power to said rectifier means at the desired rate, and switching means interposed between said impedance and said system for disconnecting said impedance after it has attained the fully heated state.

2,451,096
METHOD OF PREPARING CANDY COATED CONFECTIONS
Jacob J. Kooman, Chicago, Ill., assignor to Confections, Inc., Chicago, Ill., a corporation of Illinois
Application April 3, 1946, Serial No. 659,337
6 Claims. (Cl. 107—54)

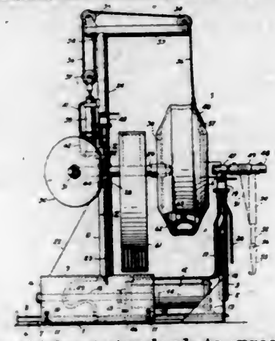


1. In a method of preparing candy coated popcorn, the steps which consist in coating the popcorn units with a melted caramel, spraying the caramel coated units with a shortening ingredient to which has been added lecithin in an amount not greater than one per cent by volume, whereby to wet the surface of the coated units and inhibit any tendency of the same to adhere or stick together and form accumulations, agitating the coated units to break up any acumulations which may exist and to maintain the separated units in separated condition, and subjecting the units during the agitating step to air currents for cooling purposes.

2,451,097
TIRE BEAD SPREADER
Herman T. Kraft, Akron, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application November 30, 1945, Serial No. 631,883
11 Claims. (Cl. 18—2)

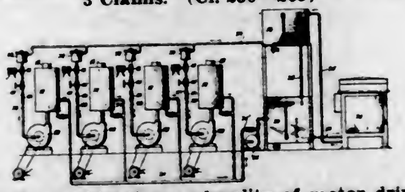
4. A tire bead spreader for use in assembling tire casings with interior and exterior retread vulcanizing mold elements which comprises a pair of laterally spaced front standards spaced apart a distance greater than the bead diameter of the tire casing, a standard mounted rearwardly of the front standards and movable forwardly and rearwardly relative to said front standards, an arm attached to said rear standard of a length to receive a retread ring mold and to support the same alongside the standard, a disc attached to the outer end of said arm for interiorly engaging a tire bead, a ring for interiorly engaging the opposite bead of a tire, means connecting diametrically opposite portions of said ring to said front standards so as to provide an unobstructed front

opening to the interior of the casing through said ring, and means for shifting said rear standard



relative to said front standards to spread the tire beads.

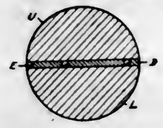
2,451,098
OIL PURIFYING SYSTEM FOR VACUUM PUMPS
Theodore A. La Brecque and Arvid W. Skoog, Elmira, N. Y., assignors to The Hilliard Corporation, Elmira, N. Y., a corporation of New York
Application January 13, 1945, Serial No. 572,609
3 Claims. (Cl. 230—205)



1. In combination a plurality of motor driven vacuum pumps, each including relatively movable parts sealed and lubricated by oil and each having a port through which air, gases and entrained oil particles are exhausted, means connected to the ports of each pump for removing the entrained oil particles from the exhaust gases and air, means providing a collecting space for such removed particles, a series of conduits connected one to each of said collecting spaces, a single oil reclaimer connected to said conduits, said reclaimer including filtering means, means for removing volatile foreign liquids from the oil and means for passing liquids through said reclaimer, a further series of conduits extending from said reclaimer in an elevated plane and to said pumps, a series of solenoid controlled valves above and individual to said vacuum pumps for controlling the flow of oil from said latter conduits to each of said pumps and said solenoids being connected in circuit with the motors of said pumps to open said valves when said motors are operating.

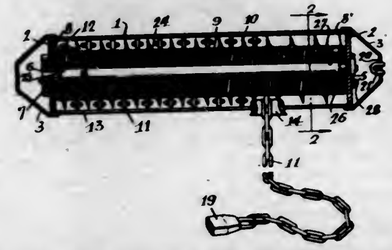
2,451,099
METHOD OF UNITING METAL PIECES BY MEANS OF A BONDING LAYER OF PREDETERMINED THICKNESS
Ralph R. La Motte, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 28, 1945, Serial No. 613,162
4 Claims. (Cl. 113—112)

1. The method of bonding bodies of ferrous metal which comprises cleansing and fluxing the contiguous surfaces of the bodies, placing between the surfaces metal spacing balls sufficient in quantity to obtain the required spacing, placing between the surfaces a bonding metal sufficient when melted to fill the remaining space between said contiguous surfaces, and having a melting point substantially below the melting points of the bodies and balls, applying to the bodies external pressure sufficient to maintain the contiguous surfaces of the bodies in contact with the balls but less than required to deform the balls or to cause them to deform the contiguous surfaces of the bodies, said balls being substantially uniform in diameter and of such



dimension as to limit the thickness of the bonding layer to that which will give satisfactory fatigue strength, and, while said pressure is maintained, heating the assembly of bodies, balls and bonding material in a non-oxidizing atmosphere to a temperature sufficient to melt the bonding metal but substantially below the melting points of the bodies and the balls, and cooling the assembly while said pressure is maintained, whereby there is provided a substantially contiguous bonding layer of substantially uniform thickness of a dimension such as to give satisfactory fatigue strength.

2,451,100
CHAIN LOCK
Armand Lecompte, Montreal, Quebec, Canada
Application August 30, 1946, Serial No. 693,913
In Canada September 6, 1945
1 Claim. (Cl. 242—107)

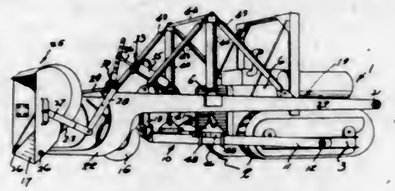


A locking device comprising an elongated housing, a cylinder rotatably mounted therein, said housing having a longitudinal slot, a guide slidable in said slot, a chain passing through said guide and having one end fixed to said cylinder, said cylinder having a thread receiving said chain, said thread having successive convolutions fitted into said guide, a coil spring in said cylinder, said spring having one end fixed to said cylinder and the other end fixed relatively to said housing, a ratchet on said cylinder, and a pawl in said housing and engaging said ratchet.

2,451,101
BULLDOZER-LOADER DEVICE
Francis P. Leschinsky, Berkeley, Calif., assignor of one-half to Earl S. Waldie, Berkeley, Calif.
Application November 22, 1946, Serial No. 711,525
7 Claims. (Cl. 214—140)

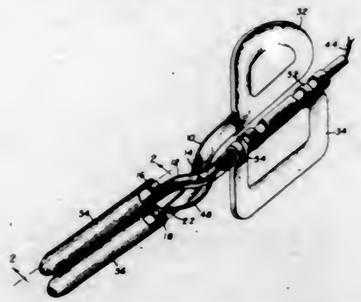
1. A combination of a prime mover with a bulldozer-loader attachment comprising a frame one end of which is pivoted to the prime mover frame,

and a bucket pivotally arranged on the other end of the frame; means for changing the position of said bucket in relation to said frame; means for lifting and lowering the frame; a sub-frame ex-



tending from said prime mover beyond the front thereof and mounted independently of said first frame; and a wheel supporting the front end of said sub-frame; said means for lifting or lowering the frame resting on said sub-frame.

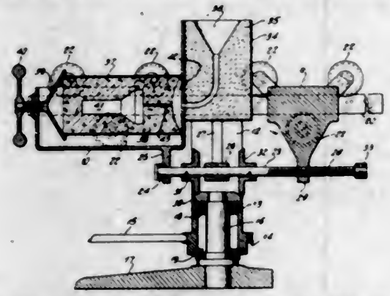
2,451,102
RUFFLE IRONER
Bernhardt J. Litke, Burbank, Calif.
Application March 14, 1947, Serial No. 734,705
1 Claim. (Cl. 219—21)



An ironer for ruffles and the like comprising a pair of pivoted and crossed shank members, handles on one pair of adjacent ends of said shank members the portions of the shank members on the side of the pivotal connection thereof remote from said handles comprising short stubs, flange members on the ends of said short stubs, elongated cap members secured to said flanges, and electrical heating elements operatively mounted within each of said caps, said cap members being open ended cylinders, the open ends thereof being secured exteriorly to said flanges.

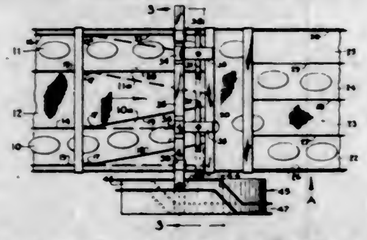
2,451,103
CENTRIFUGAL CASTING APPARATUS
Theodore Loew, New York, N. Y.
Application March 18, 1946, Serial No. 655,285
3 Claims. (Cl. 22—65)

3. In a centrifugal casting machine, the combination with a carriage rotating horizontally about a vertical axis, of a mold and a counterweight movably mounted on the carriage, means for feeding material to be cast into the mold, means connecting the mold and counterweight to move one relatively toward or from the other during rotation of the carriage, and operating means to move said connecting means and so effect movement of the mold and counterweight relatively toward or from each other during the rotary movement of the carriage so as to maintain the center of gravity of the system substantially coincident



with its axis of rotation as the weight of the material in the mold varies.

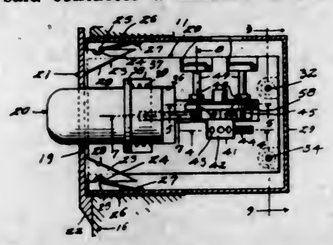
2,451,104
DISTRIBUTING APPARATUS
Horace Lowe, Eastport, Maine, assignor to Riviera Packing Company, Eastport, Maine, a partnership composed of Victor N. Cory and Arnold Vogl
Application November 10, 1945, Serial No. 627,916
4 Claims. (Cl. 198—30)



1. In a distributing apparatus having a pair of rearwardly hinged gate guides the forward portions of which are movable between two predetermined limiting positions, the combination of a transversely disposed spacer pivotally connected to the said forward portions of the gate guides, a longitudinally disposed actuating arm pivotally connected to said spacer, a rest support underlying the arm for slidably supporting the arm during its operative movements, a transversely disposed slide bar connected to said arm for actuating it laterally, guiding means in slidable engagement with said slide bar for holding it along its operative path, a rotary cam wheel, and a reciprocating cam follower member operatively connected to said cam wheel and said slide bar for reciprocatingly actuating the bar, whereby the gate guides will be operatively oscillated between said limiting positions.

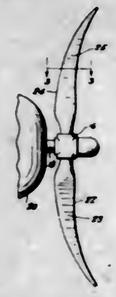
2,451,105
PUSH-BUTTON STEPPING SWITCH
Harold C. Macnamara, Minneapolis, Minn.
Application December 20, 1946, Serial No. 717,559
3 Claims. (Cl. 200—156)

1. A pushbutton switch wherein successive actuation of the pushbutton produces alternate "on" and "off" or "off" and "on" positions thereof, said switch comprising a switch body having a pair of diametrically aligned contacts, an insulated rotary contactor mounted on said body with its axis of rotation between said contacts, said contactor comprising a plurality of pairs of diametrically aligned electrically connected arms arranged to bridge said contacts when engaged therewith, said rotary contactor having peripheral ratchet teeth, a pushbutton mounted on said switch body for reciprocation in a plane substantially at right angles to the rotary axis of said rotary contactor, return spring means for returning said pushbutton to initial inoperative position when released from a pushed-in operative position, and a ratchet pawl operable into effective engagement with said ratchet teeth to turn said contactor a distance of one ratchet



tooth on each reciprocation of said pushbutton, whereby a pair of said diametrically aligned arms are caused to alternately engage with and disengage from said pair of contacts, a peripheral portion of said rotary contactor being formed with circumferentially spaced indentations corresponding in spacing to said pairs of contactor arms and the spacer between adjacent pairs of contactor arms, and spring pressed detent means on said body engageable in said indentations to hold said rotary contactor in the positions into which it is operated by the actuation of said pushbutton.

2,451,106
PROPELLER BLADE CONSTRUCTION
Erle Martin, West Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application April 22, 1944, Serial No. 532,246
3 Claims. (Cl. 170—159)



1. An aeronautical propeller having a hub and metal blades extending substantially radially outward from said hub, said blades having a thrust face and being initially curved away from said face to an extent at least as great as the extent determined by the formula

$$\int_X^R F_c \frac{dy_0}{dx} dx = \int_X^R t dx \int_X^R F_c \int_0^X \frac{M}{EI} dx dx - M$$

I=minor moment of inertia of section at radius X
A=area of section at radius X
C=distance from neutral axis to outermost fibre on face side at radius X
t=total blade air load per in. of radius at maximum operating power and thrust conditions for radius X
F_c=centrifugal stress at station

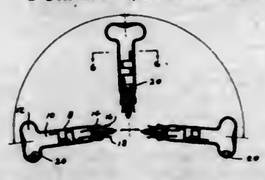
$$X = \frac{1}{A} \int_X^R \gamma \omega^2 A dx$$

S=desired face side compressive stress at station X
M=desired bending moment=

$$\left(\frac{F_c}{A} - s\right) \frac{I}{C} \text{ at station X}$$

E=modulus of elasticity
Y_0=desired offset at any station X
ω=rotative speed radians per/sec.
x=radius of section being considered
R=radius of blade tip
γ=mass density of blade material

2,451,107
ELECTRIC SWITCH
Ira E. McCabe, Chicago, Ill.
Application March 9, 1945, Serial No. 581,747
4 Claims. (Cl. 200—152)

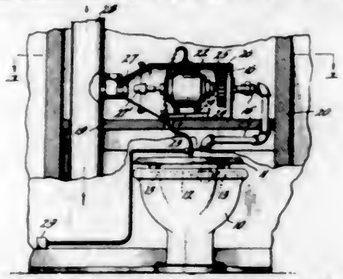


1. An electric switching device comprising a container, spaced electrodes sealed therein including a body of mercury adapted to bridge said electrodes when said container is in a predetermined position to close an electric circuit, said mercury being disposed in spaced relation to said electrodes when said container is in other predetermined positions to open said circuit, and baffle means disposed within said container including at least an apertured baffle member and a baffle member spaced therefrom having an uninterrupted wall disposed in opposed spaced relation to said aperture and being in spaced relation to the adjacent wall of said container, oppositely disposed fingers projecting perpendicularly from the baffle means into the container spaces on both sides thereof, and said fingers being spaced from the adjacent wall of the container to provide therebetween passageways adapted to serve as a vent for each of said container spaces into which the mercury is desired to flow.

2,451,108
TOILET VENTILATING MEANS
Caleb M. Molpus, Memphis, Tenn.
Application October 24, 1946, Serial No. 705,377
8 Claims. (Cl. 4—213)

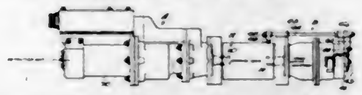
2. In combination, a toilet seat, a toilet bowl having an air passage formed therein and communicating with the interior of the bowl, a casing, a track in the casing, inlet and outlet ports in the casing adjacent opposite ends of the track, connections from the inlet port to said air passage, a motor movable along said track, a valve traveling with the motor to close the outlet port, a fan driven by the motor and arranged to move the motor along the track so as to open the outlet port when the motor is energized, means biasing the motor to travel in the opposite direction along

the track when the motor is deenergized, and a gravity actuated valve so located as to close the



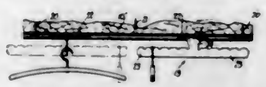
passage to the inlet valve in the absence of suction in said passage.

2,451,109
ACTUATOR AND CONTROL ASSEMBLY FOR RETRACTABLE LANDING GEARS
Romeo M. Nardone, Teaneck, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware
Application January 28, 1944, Serial No. 520,123
6 Claims. (Cl. 244—102)



4. The combination for retractable aircraft gear having means movable in accordance with extending and retracting movements of the gear, brake control means movable in accordance with, and adapted to effect its control function at a position near the end of said extending movement, an element rotatable in accordance with said extending movement, means normally braking said element, means adapted to adjust the braking effect of said braking means in accordance with the rate of rotation of said element, electroresponsive means adapted to release said braking means near the beginning of said extending movement, and means capable of manual operation for similarly releasing said braking means and operable by said brake control means at said position to cause said braking means to brake said rotatable element.

2,451,110
SUSPENSION RACK
Armand E. Newman, New York, N. Y.
Application July 26, 1944, Serial No. 546,622
1 Claim. (Cl. 211—94)



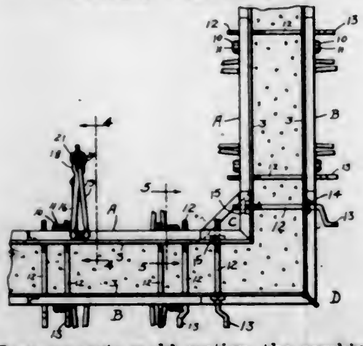
In a mobile suspension rack for clothes hangers or the like, a relatively wide, horizontal channel plate having relatively narrow inwardly extending flanges placed closely to the channel web, a rack member having an upper, horizontal, relatively thin circular plate slidable and closely fitting in said channel, a relatively broad stem extending downwardly and centrally from said circular plate and being rigidly connected therewith, said stem having integrally formed at its lower end a horizontally extending flat bar provided with notches at its upper edge to support garment hangers.

2,451,111
WRITING INSTRUMENT
Edgar B. Nichols, Moorestown, N. J.
Application August 19, 1944, Serial No. 550,277
8 Claims. (Cl. 120—14.5)



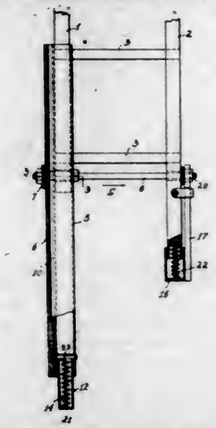
1. In a mechanical pencil, a casing, a plurality of lead magazines within said casing each movable therein to and from lead concealing and lead exposing positions and each including (1) a lead guide, (2) lead propelling means movably carried by the lead guide, and (3) an operating member for moving the lead propelling means relative to the lead guide, said operating members being non-operable to move their respectively associated lead propelling means when said magazines are in lead concealing position, manually operable means associated with said magazines for effecting simultaneous exchange of positions between a pair of said magazines one of which is in lead exposing position and the other of which is in lead concealing position, said means including an actuating member within said casing positioned beyond the lead concealing positions of said magazines, and means associated with said operating members for rendering the operating member of said other magazine operable to move its associated lead propelling means when said last named magazine is moved into lead exposing position.

2,451,112
FOLDING CONCRETE FORM
Walter C. Niccolls, San Jose, Calif.
Application October 4, 1946, Serial No. 701,229
5 Claims. (Cl. 25—131)



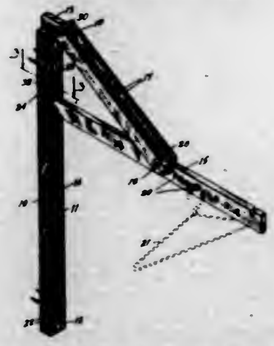
1. In a concrete mold-section, the combination with a pair of horizontally hinged panels, of a horizontal arm and integral head mounted on the lower panel, a diagonally arranged bolt mounted on the upper panel, and co-acting means on the head and bolt for holding the panels in vertical alinement.

2,451,113
AUTOMATICALLY ADJUSTABLE LADDER
Karlis V. Ozols, Brooklyn, N. Y.
Application August 9, 1945, Serial No. 609,751
6 Claims. (Cl. 228—63)



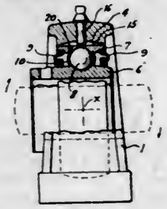
1. A ladder for use on an uneven locality comprising an extension foot attached to the one ladder leg, said foot being freely displaceable along said ladder leg, a shaft transversally shiftable in the two ladder legs, a pinion wheel rotatably carried by the one end of said shaft, parallel racks of different width carried by said extension foot to be successively brought in meshing cooperation with said pinion wheel, means connected with the other ladder leg to displace said shaft and said pinion wheel upon arrival of the ladder in its operating position and to thereby effect the meshing cooperation of said pinion wheel with both of said racks to thereby stop the free displacement of said extension foot and to lock the same in the thus adjusted position.

2,451,114
FOLDING CLOTHES HANGER
Fritz R. Peterson, Denver, Colo.
Application July 17, 1945, Serial No. 605,573
1 Claim. (Cl. 211—104)



A folding clothes hanger comprising: two vertical guide members; a bracket member secured between said guide members at their upper extremities maintaining the latter extremities spaced apart; a spacing block secured between said guide members at their lower extremities maintaining the latter extremities spaced, said bracket member and said block being equal in width to maintain said guide members in parallel relation; a hanger bar extending slidably between said guide members at its one extremity; a guide pin extending through an opening in said latter extremity into vertical guide grooves in said guide members; and a pair of diagonal brace members extending from a pivotal connection on each side of said bracket member to a pivotal connection on each side of said hanger bar intermediate the extremities of the latter to hold the bar in horizontal position, the pivotal connection between said diagonal braces and said bracket member being positioned sufficiently far forward of said guide members so that said diagonal braces may swing vertically downward against and parallel to the forward faces of said guide members.

2,451,115
PILLOW BLOCK BEARING
Thomas C. Pew, Ann Arbor, Mich., assignor to Hoover Ball and Bearing Company, Ann Arbor, Mich., a corporation of Michigan
Application February 5, 1945, Serial No. 576,207
2 Claims. (Cl. 308—187)



1. In a pillow block bearing, a pillow block having an internal circumferential seat, the surface of the seat being concave and formed as a segment of a sphere, an anti-friction bearing having an outer race and an inner race with rolling elements therebetween, the inner race adapted to receive a shaft or the like, the exterior surface of the outer race being convex and formed as a segment of a sphere and seating in the internal seat of the pillow block whereby the bearing may rock relative to the pillow block to accommodate for misalignment between the shaft and the pillow block, the outer race having a cross slot therein, a lubricant fitting in the pillow block positioned substantially on the center line of the bearing and extending into the cross slot, the end of the fitting being spaced from the bottom of the slot whereby the bearing may oscillate, and a port in the outer race connecting the slot and the chamber for the rolling elements, said port being positioned off center relative to the rolling elements.

2,451,116
METHOD OF RECOVERING ALBUMIN ADHERING TO EGG SHELLS
Frederick F. Pollak, New York, N. Y.
No Drawing. Application March 8, 1947, Serial No. 733,431
6 Claims. (Cl. 260—122)

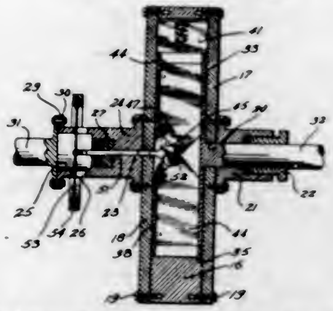
6. A method for the manufacture of a water soluble pure egg albumin from the solution adhering to the egg shells after the dumping of the eggs comprising treating the juice with a mixture of water insoluble terpineols, dissolving the egg yolk and egg yolk oil in the alcohol and separating the alcoholic egg yolk solution from the aqueous albumin solution.

2,451,117
PULLING APPARATUS
Leo F. Price, Spokane, Wash.
Application July 30, 1945, Serial No. 607,858
3 Claims. (Cl. 29—267)



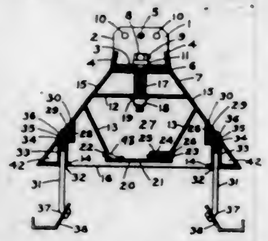
2. A grease block puller comprising a frame having side arms spaced transversely of the frame, bars mounted between said arms, blocks slidable along said bars, rods carried by said blocks and extending transversely of the frame in opposite directions and through the arms for movement from a retracted position to an extended position for engaging through ears of a bearing casing and mounting the frame outwardly of an open front of the casing, a lever pivotally carried by said frame, a pin carried by said lever and extending transversely thereof, a draw bar slidable across the pin of the lever and having teeth for engagement thereby, and means at the front end of the draw bar for engaging through a screen of a grease block.

2,451,118
FLUID TRANSMISSION
Robert A. Pyle, Lapeer, Mich.
Application November 20, 1945, Serial No. 629,782
1 Claim. (Cl. 192—58)



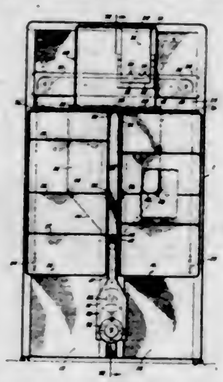
In a fluid transmission a casing having a circular chamber therein, a rotor body mounted in the chamber to rotate about the axis thereof, said body having a slot extending diametrically therethrough, an elliptical flange at each end of the body the major axis of which coincides with the longitudinal axis of the slot, circumferentially spaced radial vanes in the wall of the chamber yieldingly held in contact with the rotor body and adapted to be moved out of contact therewith by the flanges as the rotor rotates within the body, a sliding vane mounted in each end of the slot, the inner end of each sliding vane being beveled, a wedge block within the slot and slidable axially of the rotor body and slidably coupled with the beveled ends of the sliding vanes to cause said vanes to move inwardly or outwardly of the rotor body when the wedge block is moved, a rod mounted to move axially through the casing and coupled at its inner end to the wedge block and means exteriorly of the casing for moving the rod axially thereof.

2,451,119
TOWING HITCH
Maynard Thomas Regan, Lansing, Mich.
Application March 11, 1946, Serial No. 653,485
3 Claims. (Cl. 280—33.05)



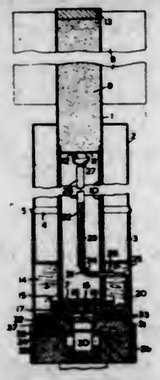
1. A vehicle towing hitch comprising a plurality of inclined walls forming the sides of a truncated pyramidal box-shaped support, means on said support for removably attaching the same to a body of a towing vehicle, means pivotally secured to the truncated end of said support for receiving a front axle of a towed vehicle, and additional walls forming with said inclined walls a receptacle, one of said additional walls being removably attached to at least two others of said additional walls.

2,451,120
CABINET HAVING MEANS FOR MOVING COMPARTMENTS VERTICALLY AND HORIZONTALLY
Charles F. Rossetter, Los Angeles, Calif.
Application August 21, 1944, Serial No. 550,377
27 Claims. (Cl. 312—151)



13. In a storage and dispensing cabinet including a generally rectangular housing provided with internal, vertically extending corner guides and vertical intermediate guides adapted to define two adjacent wells, said wells being in open communication with each other in the upper portion of the housing; a main, vertically movable compartment in each well guided by said vertical guides; a doorway in the front of the housing at a position above the level of the vertically movable compartments when they are at the bottom of the wells, said doorway being adapted to provide access to compartments in both wells; a compartment movable laterally from one well to the other in the upper portion of the housing and vertically in either well with the main vertically movable compartment therebelow, a driving means for moving said laterally movable compartment, and means for translating vertical motion of the laterally movable compartment in either well into vertical motion of the main compartments.

2,451,121
ILLUMINATING FLARE
Conrad David Schermuly, Alfred James Schermuly, and Charles Schermuly, Parkgate, Newdigate, England
Application April 8, 1947, Serial No. 740,213
In Great Britain April 15, 1946
8 Claims. (Cl. 102—7)



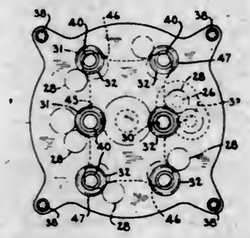
1. A flare device adapted to burn while floating on water comprising a casing, a flare candle in the upper part of said casing, a buoyancy chamber on said casing, a weighted cover surrounding the lower end of said casing, an ignition fuse in said cover, a separating charge in said cover for separating said cover from said casing, means for igniting said separating charge from said ignition fuse, and a candle ignition train leading from a point adjacent said ignition fuse to the lower end of said candle and adapted to be ignited by said ignition fuse.

2,451,122
MEANS FOR ATTACHING TRANSPARENT ENVELOPES TO BILLFOLDS
Lester L. Sherwood, Los Angeles, Calif.
Application August 17, 1945, Serial No. 611,090
1 Claim. (Cl. 150—39)



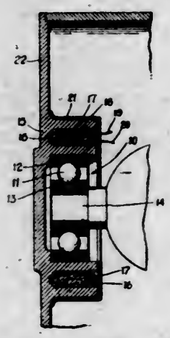
Means for attaching transparent envelopes to billfolds, comprising a flexible member adapted to be removably positioned in a billfold and provided adjacent its side edges with longitudinally disposed rows of apertures arranged parallel with each other and with the sides of said flexible member, flexible strips threaded through the apertures of the respective rows, one end of each strip having an aperture through which the strip passes to form an envelope receiving loop which projects upwardly through a pair of the apertures in the flexible member, the side edges of each strip being provided with opposed notches disposed in longitudinally spaced transverse pairs and the distance between the inner ends of each pair of notches being less than the diameters of the apertures in said member.

2,451,123
MULTIPLE DRILL TEMPLATE
Henry O. Schultz, Milwaukee, Wis., assignor to H. O. Schultz, Inc., Milwaukee, Wis., a corporation of Wisconsin
Original application November 29, 1944, Serial No. 565,628, now Patent No. 2,441,722, dated May 18, 1948. Divided and this application February 28, 1948, Serial No. 12,031
7 Claims. (Cl. 77—62)



1. A template assemblage for use with a drill head wherein a plurality of drill spindles are adjustable laterally of each other, said template assemblage comprising, a template having a common opening defining a predetermined pattern, means for rigidly positioning said template with respect to said drill head whereby all of said spindles are freely laterally movable within the common opening of said template for adjustment purposes, and a second template having a series of independent holes defining the same pattern and within which said spindles are snugly confinable but freely rotatable.

2,451,124
BEARING FOR ELECTRIC MOTORS
Floyd T. Smith, Plainfield, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application July 10, 1944, Serial No. 544,259
1 Claim. (Cl. 308—77)



A bearing assembly comprising a shaft, a bearing for the shaft, a support for the bearing having a hub provided with an open-sided annular recess extending about the bearing, a unitary annular heating element secured in said recess for lateral removal and comprising a heating coil set in electrical insulation, means to supply current to said heating element, and means to retain said heating element in said recess and to prevent the loss of heat, comprising a removable cup-like heat insulating shield covering said hub and closing the open side of said annular recess.

2,451,125
TUBULAR CONTAINER FOR ELECTRICAL CONDENSERS OR OTHER APPARATUS
Percy Archibald Sporing, Hampton Hill, and Charles Piercy Johnson, Hanwell, England, assignors to The Telegraph Condenser Company Limited, North Acton, England, a British company
Application June 27, 1945, Serial No. 601,835
In Great Britain May 8, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires May 8, 1964
1 Claim. (Cl. 174—50)

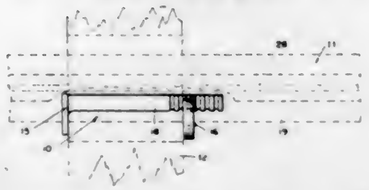


In combination, an electrical condenser unit of stacked form, a tubular container of flattened cross section enclosing said condenser unit, sheets of insulation interposed between said condenser unit and said container, the container having a reduced portion at each end, each reduced portion having a circular aperture, a bung of resilient material in each of said apertures, an inturned edge to each of said apertures compressing said inserted bung around the zone intermediate of its length, and a leading-out wire extending from said condenser unit through each of said bungs.

2,451,126
TRANSLUCENT SHEET FOR REPRODUCTION PURPOSES
Raymond B. Stringfield, Los Angeles, Calif., and Thomas R. Miles, Fort Worth, Tex., assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif., a corporation of Delaware
No Drawing. Application January 15, 1945, Serial No. 572,984
2 Claims. (Cl. 260—37)

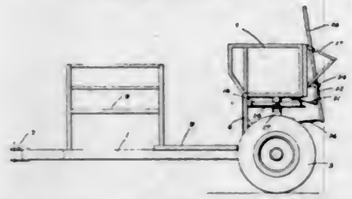
2. A translucent sheet adapted for use in making templates, and comprising a mixture of from 54–86% by weight of polyvinylidene chloride with the remainder glass fibers.

2,451,127
RAIL ANCHOR
Lawson Tarwater, Redlands, Calif., assignor of one-half to Earl G. Witmer, Redlands, Calif.
Application September 20, 1946, Serial No. 698,315
2 Claims. (Cl. 238—327)



1. A device for anchoring a rail to a cross tie on which it is supported, comprising a flat bar adapted to lie longitudinally along the upper surface of one side of the lower flange of a rail adjacent the web thereof and a platelike head at one end of said bar extending at right angles thereto, said head having a slot to receive the lower flange of said rail and being adapted to extend therebelow adjacent one side of a tie supporting the rail, said bar being provided with a plurality of transverse grooves in its upper surface at the end opposite said head, and a second member adapted to extend under said rail and engage both sides of said lower flange of the rail and the other side of said tie, said member being provided with a projecting tooth adapted to be selectively positioned in one of said grooves of said bar for securing said member and bar together.

2,451,128
MATERIAL DISTRIBUTOR
Carl E. Thiesse, Porterville, Calif.
Application July 24, 1945, Serial No. 606,856
4 Claims. (Cl. 275—8)



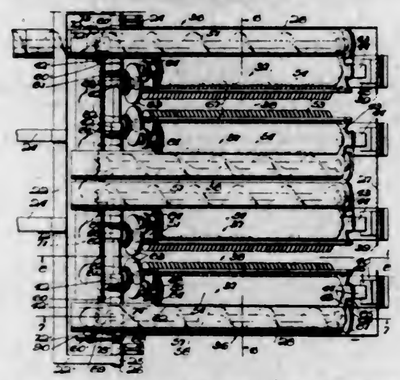
1. A material distributing mechanism for an implement which includes a material hopper having a feed opening in the bottom thereof; said mechanism comprising a driven upstanding shaft extending through the bottom of the hopper to one side of said opening, a sleeve surrounding the shaft and extending above and below the bottom of the hopper, a rotary agitator mounted on the sleeve in the hopper, and a material distributing rotor mounted on the sleeve below the hopper and traveling under said feed opening; there being means releasably coupling the sleeve in driving relation to the shaft, the sleeve being closed at its upper end, such end being supported on the upper end of the shaft when the sleeve is released from driving relation with the shaft.

2,451,129
TELEMETERING APPARATUS OF THE IMPULSE-DURATION CLASS
Gustave M. Thynell, Naugatuck, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application March 31, 1944, Serial No. 528,846
5 Claims. (Cl. 177—351)



1. In a telemetric receiver adapted to respond to cyclically transmitted electrical impulses each of a duration corresponding to a value of a variable, the combination of an element settable to positions corresponding to values of said variable, clutch means, continuously operable motor means, means for engaging said clutch means with said motor means in response to the beginning of an impulse for effecting operation of said clutch means in a given direction, other clutch means, means for engaging said other clutch means and said motor means in response to termination of said impulse for effecting operation of said other clutch means in the opposite direction, contact means controlled by the respective clutch means, and reversible motor means controlled by said contact means for positioning said element.

2,451,130
COTTON-PICKING MACHINE
Sidney A. Townsend, Bennettsville, S. C.
Application March 31, 1945, Serial No. 585,936
2 Claims. (Cl. 56—40)



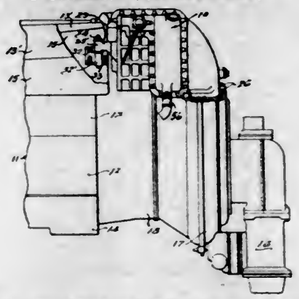
2. In a cotton picking machine, a support, a set of spaced upstanding ribs mounted upon the support to be disposed upon one side of the plants, a gin saw cylinder mounted upon the support upon the outer side of the ribs remote from the plants and including spaced gin saws projecting into the spaces between the ribs and extending beyond the inner side of the ribs next to the plants, all gin saws having saw teeth which face in the direction of rotation of the gin saw, a conveyor casing extending longitudinally of the gin saw cylinder at an elevation above the axis of rotation of the gin saw cylinder and spaced laterally from the gin saw cylinder, the conveyor casing having a longitudinal opening in its side next to the gin saw cylinder, a guide plate leading from the opening and terminating in close relation to the gin saw cylinder at an elevation above the axis of rotation of the gin saw cylinder, a rotary brush disposed between the gin saw cylinder and conveyor casing and arranged above the gin saw cylinder and guide plate and including bristles having overlapping relation with the teeth of the gin saw, driving means to rotate the gin saw cylinder so that its upper portion is turned toward the guide plate and to rotate the brush in an opposite direction to the gin saw cylinder so that the lower portion of the brush is traveling toward the guide plate and in the same direction in which the teeth of the gin saws are facing and traveling, and a conveyor element within the conveyor casing.

2,451,131
METHOD OF MAKING REINFORCED STRUCTURES
Eugene L. Vidal, Washington, D. C., and Laurence J. Marhoefer, Haddon Heights, N. J., assignors to Vidal Corporation, Camden, N. J., a corporation of Delaware
Original application September 6, 1940, Serial No. 355,554. Divided and this application November 11, 1943, Serial No. 509,846
2 Claims. (Cl. 154—110)

1. The method of molding a hollow structural member which includes the steps of superposing a plurality of adhesively treated laminations on the interior of a hollow mold having the contour of said member, positioning said mold with said laminations thereon between the inside and outside walls of a double-walled flexible container, said inside wall being adapted to engage the laminations covering the interior of the mold and said outside wall being adapted to engage the exterior of the mold applying fluid pressure to the outside of said container to cause the container walls to closely engage the mold and the laminations thereby forming the laminations to the desired shape, and activating the adhesive to cause the laminations to adhere to each other.

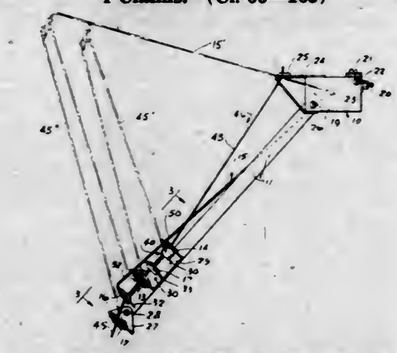


2,451,132
INTERNAL-COMBUSTION ENGINE
Jesse G. Vincent, Grosse Pointe Park, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application October 22, 1943, Serial No. 507,279
8 Claims. (Cl. 123—119)



1. In a V type engine, a fuel supercharger fixed rigidly to the engine, spaced cylinder head blocks, an aftercooler fixed rigidly at one end to the supercharger and in open communication therewith, means through which fuel flows from the aftercooler to the cylinder head blocks, and means flexibly suspending the top portion of the aftercooler on the cylinder head blocks.

2,451,133
YARN CARRIER STOP MOTION
Edward Vossen, Brooklyn, N. Y., assignor to Stop-Motion Devices Corp., Brooklyn, N. Y., a corporation of New York
Application January 23, 1948, Serial No. 4,040
4 Claims. (Cl. 66—163)



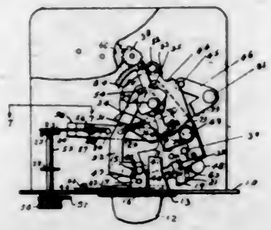
1. The combination with a yarn carrier stop motion having an arm provided with a plurality

of spaced yarn guiding elements and a fly-wire switch operator provided with a yarn guiding element normally between a pair of said yarn guiding elements for pulling a loop of said yarn when said yarn slackens, of an additional yarn guiding element on said fly-wire switch operator and normally disposed between a pair of said first mentioned yarn guiding elements other than said pair for pulling an additional loop of said yarn when said yarn slackens.

2,451,134
POULTRY FOOD
Gustav A. Walldov, Marlboro, N. J.
No Drawing. Application April 4, 1944, Serial No. 529,491
6 Claims. (Cl. 99—4)

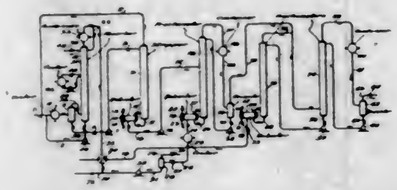
1. A food for poultry comprising gelatine in the form of short noodles mixed with a mash.

2,451,135
TIME SWITCH
Frank A. Ward, Baltimore, Md.
Application April 6, 1945, Serial No. 586,845
2 Claims. (Cl. 200—39)



2. A combined instantaneous and time delay electrical switch comprising in combination, a face plate having a slot therein, a button recriprocating in said slot, a slide positioned under the button and moving therewith, an underslide having an extension piece at right angles mounted on the opposite side of the wall plate and connected with said slide and button, said extension having pins projecting therefrom, a knob having a pointer positioned on said face plate, a shaft attached to said knob and having a pawl attached thereto for timing the mechanism, a plurality of levers having shoulders thereon, one of the pins attached to said underslide extension piece for actuating said levers, an operating plate having a pin attached thereto for contacting said levers, spring means for said levers, a combined hook and catch plate pivotally attached to said face plate, means for tensioning said hook and catch on said face plate, a pin attached to said operating plate for contacting the end of catch plate and releasing said hook, a back plate projecting from said face plate, a shaft projecting through said back plate for supporting the operating plate on one side and a cam on the other, a plurality of bowed arms pivotally mounted on said operating plate, tensioning means for said bowed arms, the lower ends of said bowed arms bent to form a bearing plate for contacting one of the pins attached to said underslide extension piece, said cam mounted on a shaft and rotated in an accurate manner depending on the position of said pawl against the end of the element and setting of said pointer, a ratchet gear, a pawl pivotally attached to said operating plate for contacting said ratchet gear and rigidly connecting the operating plate and gear together at predetermined intervals, means for raising said pawl from the ratchet gear teeth, and means for controlling the travel of said operating plate.

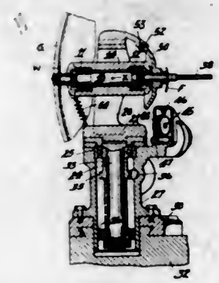
2,451,136
TREATMENT OF NORMALLY GASEOUS MIXTURES
Herman H. Wenzke, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application May 29, 1944, Serial No. 537,934
5 Claims. (Cl. 183—115)



2. A process for separating a desired gaseous hydrocarbon fraction from a hydrocarbon mixture also containing lighter and heavier components which comprises commingling said hydrocarbon mixture with a liquid absorbent under superatmospheric pressure, cooling the resultant mixture of hydrocarbons and liquid absorbent to a temperature sufficiently low that said desired gaseous hydrocarbon fraction and a small amount of lighter gases are retained in said liquid absorbent, separating the resultant rich absorbent from the undissolved gases, comprising a small amount of said desired gaseous hydrocarbon fraction, stripping the lighter gases from the rich absorbent by heating and fractionating the same, commingling the stripped lighter gases with said hydrocarbon mixture and said liquid absorbent prior to said cooling, fractionating the stripped rich absorbent to separate the desired gaseous hydrocarbon fraction therefrom, contacting the resultant lean absorbent with said undissolved gases in a countercurrent absorption zone to absorb the small amount of said desired gaseous hydrocarbon fraction therefrom, and supplying the resultant solution as said liquid absorbent.

2,451,137
CONTOUR GRINDING MACHINE FOR WORK PIECES EACH HAVING A HOLLOW SPHERICAL SECTION
Charles E. White, Ashburnham, Mass., assignor, by mesne assignments, to Van Norman Company, Springfield, Mass., a corporation of Massachusetts
Application October 9, 1947, Serial No. 778,934
9 Claims. (Cl. 51—101)

1. A contour grinding machine for work pieces each having a hollow spherical section comprising a grinding wheel, a work spindle, means to mount a work piece on said spindle, a bearing member in which said spindle is rotatably mounted, means to rotate said spindle, a frame member in which said bearing member is mounted to swing about a horizontal axis perpendicular to the axis of said spindle, a support in which said frame member is mounted to swing about a vertical axis perpendicular to the axis of said spindle, pattern means effective to swing said spindle horizontally to move the work piece toward the grinding wheel, means to move the work piece away from the grinding wheel, and



additional pattern means to shift said work piece vertically with respect to the grinding point.

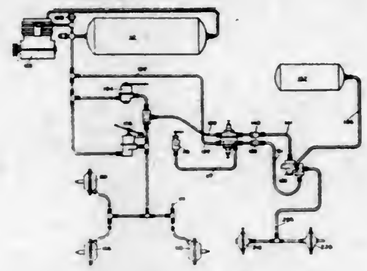
2,451,138
TRUCK LOADER
Graham Whitehurst, Glendale, Vernon E. Slater, Los Angeles, George F. Bruno, Montebello, and Joseph M. Hubbard and Gustave P. Krawitz, Los Angeles, Calif.
Application October 7, 1946, Serial No. 701,742
3 Claims. (Cl. 214—85)



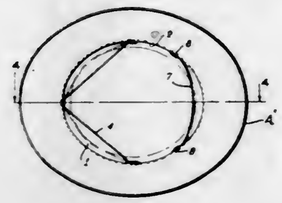
1. In a truck loader, channel members adapted to be attached to a truck bed, a pair of spaced guides attached to said members, and sloping at an angle thereto, a second pair of spaced guides attached to said members and parallel to the first pair, a loading platform, means attached to said platform, and mobile on said guides to permit said platform to be raised or lowered in a horizontal position, said second pair of guides having telescopic ends thereon to permit contact with the ground when in loading position and retractable when said truck is traveling, said first pair of guides pivotally attached to said channel members, and link means carried by said second pair of guides to support said first mentioned guides and to lift said first guides when said platform is raised.

2,451,139
AUTOMATIC CONTROL INSTRUMENT
Norman C. Williams and Rollin W. Fishwood, Portland, Oreg., assignors to Power Brake Equipment Co., Portland, Oreg.
Application June 1, 1946, Serial No. 673,734
15 Claims. (Cl. 188—3)

1. In an automatic air line control, a plural valve instrument for placement between two supply conduits and two connecting conduits, a spring loaded valve assembly in said instrument effective to open only on a predetermined supply pressure that terminates one of said supply conduits, a spring loaded valve terminating the other supply conduit, unopenable by pressure therethrough, and means operable by air pressure above the predetermined set pressure that passes through said first named valve and effective to open said second valve and establish full pressure flow therethrough.



2,451,140
HEADWEAR
Edward Wittcoff, University City, Mo., assignor to Caradine Hat Company, St. Louis, Mo., a corporation of Missouri
Application June 22, 1945, Serial No. 600,955
3 Claims. (Cl. 2—185)

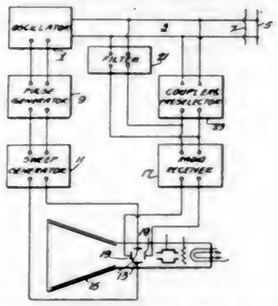


3. A helmet having a crown and brim joined to form a head opening substantially larger than the normal head size of the wearer, an elastic band secured upon the inside face of the crown adjacent the head opening at its ends and at a point intermediate its ends so as to extend across the head opening in the shape of a V for engaging the forward head portion of the wearer, and a non-elastic flexible band secured chord-wise across the rearward arcuate portion of the crown for engagement with the back center portion of the head of the wearer.

2,451,141
OBJECT DETECTING DEVICE
Irving Wolff, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 29, 1938, Serial No. 237,606
2 Claims. (Cl. 343—13)

1. In an object detector, the combination of means for radiating a carrier wave, means for frequency modulating said wave for discrete periods, means for receiving said frequency modulated carrier after reflection, means for passing currents of said carrier wave frequency directly to said receiving means, means associated with said last mentioned means for attenuating currents of frequencies other than said passing

frequency, means for combining currents corresponding to said received modulated carrier and



said directly applied currents, and means for indicating said combined currents.

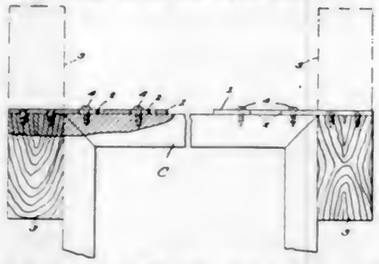
2,451,142
BAG
Benno Zimmern, New York, N. Y.
Application June 30, 1945, Serial No. 602,508
2 Claims. (Cl. 224—8)



2. A handbag comprising a pillow section and a folded blanket section, one of said sections having a pocket therein positioned on an exposed side thereof so as to make said pocket accessible from the outside of the handbag, and supporting means secured to one of said sections to facilitate carrying of the handbag; said blanket section being foldable to substantially conform with a side of the pillow section and releasably connected thereto forming a unitary assembly whereby the unitary assembly may be carried by said supporting means; said blanket section being unfoldable and displaceable to an extended position from said pillow section with the pillow section in position on one end thereof.

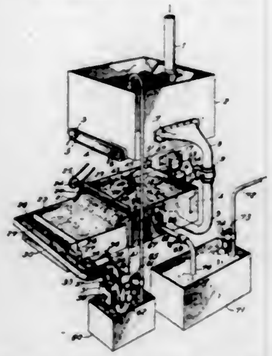
2,451,143
WINDOW BRACKET
Harry E. Ammerman, Silver Spring, Md.
Application October 29, 1945, Serial No. 625,346
1 Claim. (Cl. 248—252)

As an attachment to one upper corner of a window casing, a reversible and detachable bracket comprising a flat strip of metallic material having longitudinally aligned screw-receiving keyhole slots near one end, means for attaching the strip to the casing, comprising fastening elements permanently affixed to the casing, the fastening elements being receivable in the keyhole slots, the end of the strip being extended part way toward the opposite corner of the casing, the other end of the strip having screw-receiving openings, a block screw-attached at one end to the latter end of the strip and extended at a right angle from the strip, one face of the



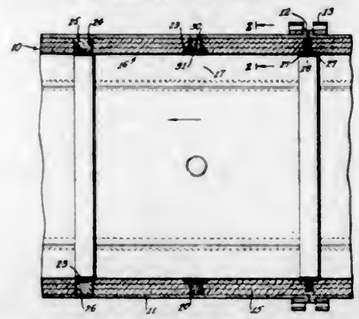
block being flush with the face of the casing to which the strip is attachable, the strip being proportioned for removal from its connection with the casing, for reversed connection thereto.

2,451,144
FROTH LEVEL CONTROLLING DEVICE
William Maynard Aubrey, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn., a corporation of Connecticut
Application February 17, 1945, Serial No. 578,513
5 Claims. (Cl. 210—53)



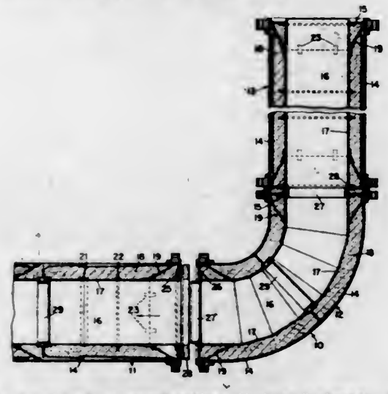
1. In combination, a chamber; aerating and agitating means therein; means adapted to continuously feed frothable fluid into said agitating and aerating means, whereby a supernatant froth layer is formed in said chamber; means adapted to continuously remove fluid from the underlying layer; means to remove substantially all the froth standing above a fixed overflow level and a froth level control comprising a movable receptacle, said receptacle being open at the top to permit unrestricted entry of fluid material thereinto and having at least one restricted discharge opening adapted to retain an appreciable weight of fluid material in said receptacle; pivoted lever support means for said receptacle, said support means being adapted to permit motion of the receptacle in a vertical plane along a fixed path only; means to conduct at least a portion of fluent material removed from said froth layer into said receptacle; means to control the volume of fluid in said underlying layer; means to communicate motion of said movable receptacle along said fixed path, resultant from variation in the weight of fluid retained in said receptacle, to said fluid volume controlling means; and counterbalance means to overcome the weight of said receptacle and the weight of at least a portion of the fluid therein, said counterbalance means being adapted to position said receptacle on said fixed path at that level determined by the weight of the fluid retained therein.

2,451,145
LINED PIPE
Albert L. Baker, Summit, Arthur R. C. Markl, Teaneck, and Anthony Blahut, Trenton, N. J., assignors to The M. W. Kellogg Company, New York, N. Y., a corporation of Delaware
Application June 2, 1944, Serial No. 538,432
10 Claims. (Cl. 138—64)



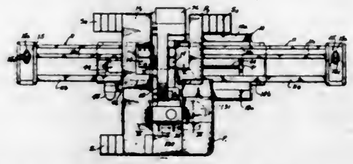
1. A vessel adapted to contain material, an insulating lining positioned against the inner wall of said vessel providing a heat barrier between said inner wall and the interior of said vessel, said lining including a depth of insulating material covering the inner wall of said vessel and a jacket between said insulation and the interior of the vessel, said jacket being made up of separate units and means united to the vessel wall supporting each of said units individually for free longitudinal and radial expansion.

2,451,146
INTERNALLY INSULATION LINED VESSEL
Albert L. Baker, Summit, William H. Hill, Pennington, and Arthur R. C. Markl, Teaneck, N. J., assignors to The M. W. Kellogg Company, New York, N. Y., a corporation of Delaware
Application June 5, 1944, Serial No. 538,854
13 Claims. (Cl. 138—64)



12. A vessel, a protective lining between the central space of said vessel and the vessel walls, and impervious means surrounding said lining and united thereto and to the vessel walls, said impervious means preventing flow of the material handled in said vessel through the space between said lining and the vessel walls while permitting radial and longitudinal expansion thereof.

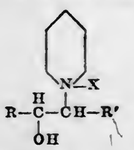
2,451,147
ROTATING TOOL LATHE
Edward D. Beachler, Beloit, Wis., assignor to Beloit Iron Works, Beloit, Wis., a corporation of Wisconsin
Application April 21, 1944, Serial No. 532,069
3 Claims. (Cl. 82—9)



1. In a rotary tool lathe, a lathe bed, a carriage slidable on said bed, a nut secured on said carriage, a screw rod threaded through said nut, a worm wheel threaded on said screw rod, means carried by said carriage holding said worm wheel against shifting movement on the screw rod, a worm for rotating said wheel, manual means for rotating said worm to shift said carriage, and mechanical means for rotating said screw rod to shift said carriage.

2,451,148
PROCESS OF SPINNING VISCOSE ARTIFICIAL SILK, FILAMENTS COMPRISING THREADS, STAPLE FIBERS, BANDS, AND THE LIKE
Theeuwis Albertus Hendrikus Blaas, deceased, late of Nimeguen, Netherlands, by Johanna Geertrui Blaas, nee Westendorp, widow, Epse, Gorssel, Netherlands, assignor to Naamlooze Vennootschap Kunstzijdespinnerij Nyma, Nimeguen, Netherlands
No Drawing. Application January 30, 1946, Serial No. 644,440
In the Netherlands June 29, 1943
8 Claims. (Cl. 18—54)

1. In the spinning of viscose, employing spinning nozzles which tend to become clogged, the process which comprises preventing such clogging by adding to at least one of the liquids which come into contact with said nozzles during spinning a small amount of a pyridin compound which is not surface active of the general formula:



wherein R represents an aromatic radical containing no more than 6 carbon atoms, R' represents a substituent selected from a class consisting of hydrogen, aliphatic hydrocarbon groups containing no more than 2 carbon atoms and aryl groups containing no more than 6 carbon atoms, and X represents a substituent selected from a group consisting of OH and a monovalent acid radical.

2,451,149

MANUFACTURE OF MATERIALS RESISTANT TO OR ACTIVE AGAINST MICROORGANISMS

Erich Boehm, Cardiff, Wales, assignor of one-half to Nipa Laboratories, Limited, Cardiff, Wales, a company of Great Britain and Northern Ireland

No Drawing. Application November 27, 1943, Serial No. 512,062. In Great Britain November 16, 1942

5 Claims. (Cl. 167—30)

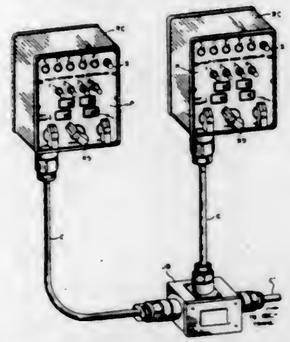
1. The manufacture of materials resistant to micro-biological decomposition which comprises the mono p-chlorophenylether of ethyleneglycol in a material liable to micro-biological decomposition.

2,451,150

RADIO REMOTE-CONTROL SYSTEM

Joseph M. Brian, Westmount, Quebec, Canada, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application October 28, 1944, Serial No. 560,820
In Canada June 2, 1944
4 Claims. (Cl. 175—320)



1. In combination, a plurality of remote control devices for controlling the operation of radio apparatus from a plurality of remote points, each control device comprising a plurality of push-button operated switches, means associated with the several push-buttons at each control device whereby operation of a selected one of the push-buttons at any one of the control devices effects the release of a previously operated push-button at said one control device, and circuit means interconnecting the plurality of remote control devices whereby operation of said selected push-button at said one control device effects the release of a previously operated push-button that may have been operated at one of the other control devices without effecting anew the operation of any of the remaining push-buttons at any of the other control devices.

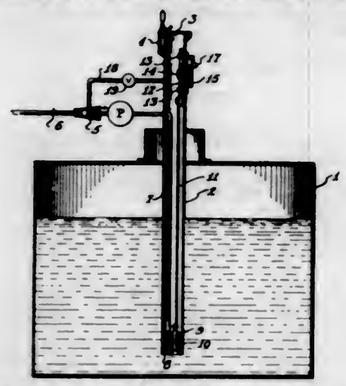
2,451,151

PUMPING VOLATILE LIQUIDS

Frederick Cameron Byram, Springfield, Ohio

Application May 13, 1946, Serial No. 669,263
10 Claims. (Cl. 62—1)

10. In combination with an underground, uninsulated storage tank for liquefied gaseous material, a pumping device for suction lifting of said liquefied gaseous material therefrom, which comprises a pump having an intake pipe having a part to extend into said tank, and means arranged to communicate with the interior of said tank and with a zone of lower pressure than the tank



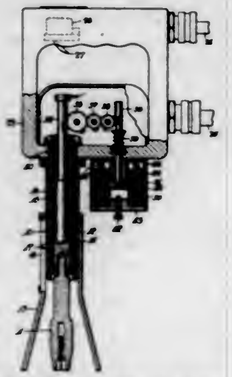
into which the liquefied gas from the tank may flow, said means being in heat interchange relation with the said portion of the intake pipe.

2,451,152

STUD WELDING GUN

Albert M. Candy, La Grange, Ill., assignor, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill., a corporation of Delaware

Application October 4, 1945, Serial No. 620,295
7 Claims. (Cl. 219—4)



1. A stud welding gun having a plunger adapted to carry a stud, an electromagnet having an armature, and gearing between said armature and said plunger and having a portion thereof out of mesh when said magnet is not energized.

2,451,153

REACTION OF AN ETHERIFIED MELAMINE-FORMALDEHYDE CONDENSATION PRODUCT WITH AN ETHERIFIED PHENOL-FORMALDEHYDE CONDENSATION PRODUCT

William Charlton and Jack Blatchley Harrison, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application January 2, 1945, Serial No. 571,123. In Great Britain February 2, 1944
8 Claims. (Cl. 260—45.1)

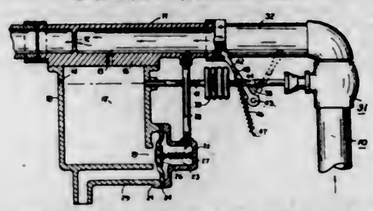
1. The process of manufacturing new resinous condensation products which comprises heating together in the presence of an acidic condensing agent (1) a soluble melamine-formaldehyde condensation product etherified with a monohydric alcohol and (2) a soluble phenol-formaldehyde condensation product etherified with a monohydric alcohol, the phenol and formaldehyde having been condensed in an alkaline condensing medium, the phenol being monohydric and having a hydrocarbon radical of 1–6 carbon atoms in one only of the o, o and p positions to the phenolic group, the remaining two of the said o, o and p groups being unsubstituted.

2,451,154

LIQUID MEASURING DEVICE

Archibald H. Davis, Jr., University Heights, Ohio, assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio, a corporation of Ohio

Application November 21, 1945, Serial No. 630,023
8 Claims. (Cl. 137—139)



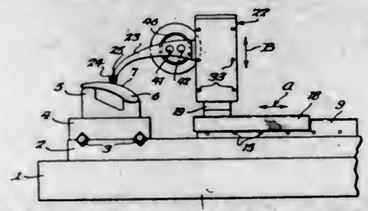
1. The combination with a conduit adapted to transmit liquid under pressure, of a measuring chamber, the conduit having a restricted orifice therein, passage means between the conduit and chamber at the upstream side of the orifice having a cross-sectional area substantially less than the cross-sectional area of the orifice, a valve controlling liquid flow through the conduit disposed at the upstream side of the passage means, the valve being arranged so that liquid pressure in the conduit tends to open the valve, liquid pressure responsive means communicating with the chamber and adapted to move the valve towards closing position when the chamber is filled with liquid, and supplemental means automatically operative upon a predetermined movement of the pressure responsive means in a given direction to close the valve and maintain the valve closed despite movement of the pressure responsive means in a reverse direction.

2,451,155

OPTICAL PROJECTION CONTOUR COMPARISON DEVICE

Willis De Boer, Williamsville, Gilbert A. Betts, Eggertsville, and Edward C. Polidor, Rochester, N. Y., assignors, by mesne assignments, to Precision Methods Co., Inc., Buffalo, N. Y., a corporation of New York

Application March 23, 1946, Serial No. 656,596
18 Claims. (Cl. 88—24)



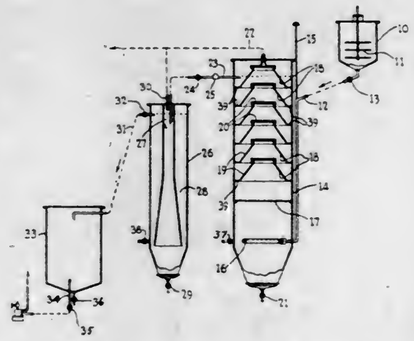
1. In an optical comparing device of the type in which a magnified image of some portion of an object created by a beam of light is projected upon a screen for comparison of the image with a chart carried by the screen, that improvement by which an optical comparison with a chart may be made of a surface of such object for which no direct silhouette may be formed, which comprises a support for said object with said surface exposed, a carriage, means mounting said carriage and support for relative movement generally in the direction of progression of the surface to be compared considered in a transverse plane through said surface, an element mounted on said carriage for movement thereon in a direction crosswise of the carriage travel and parallel to said plane, a roller carried by said element in a position to roll on said surface as said carriage moves and to control the movements of said element as it follows said surface, said element having a circular aperture of the same diameter as said roller, whereby when the apertured portion of said element is disposed across the light beam of the comparing device, and is also movable across the beam during said relative movement, with the roller engaging said surface, relative movement of said support and carriage will cause movements of said apertured portion across said beam to cause the projection of a moving circular area of light across the chart of said screen, the path of said circular area on said beam representing the magnified path of said roller as it rolls over said surface.

2,451,156

PROCESS AND APPARATUS FOR PRODUCING ALCOHOL BY FERMENTATION

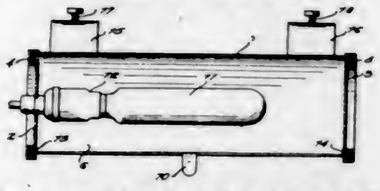
Annibal Ramos de Mattos, Recife, Brazil

Application June 19, 1945, Serial No. 600,243
In Brazil June 19, 1944
12 Claims. (Cl. 195—141)



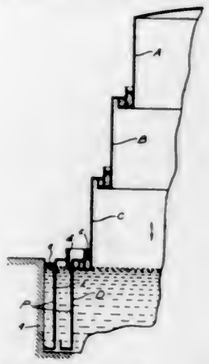
1. A process for producing alcohol from a nutrient medium by fermentation with yeast comprising flowing the nutrient medium into a main zone of high yeast concentration and actively fermenting the same with yeast to alcohol in said main zone, continuing the fermentation by flowing the fermenting medium successively upwardly through a series of superimposed zones of decreasing yeast concentration until a zone of high alcohol concentration and low yeast concentration is reached, precipitating yeast from said medium progressively as it ascends through said zones, and returning yeast so precipitated to said main zone, and removing alcohol-containing nutrient medium from said zone of high alcohol concentration.

2,451,157
BED LAMP
Ralph E. Dike, McCook, Nebr.
Application August 23, 1946, Serial No. 692,585
1 Claim. (Cl. 240—52)



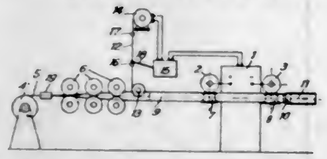
A lamp comprising a tubular body, disk shaped cap members secured at the opposite ends thereof, inwardly directed peripheral guide channels formed in the cap members, a longitudinal opening constructed and arranged in the body and extending the longitudinal length of the body, an arcuate elongated closure member slidably received in the guide channels, a forwardly extending tab on said closure member, arcuate spring tensioning arms secured to the inner surface of the outer wall of the guide channels and engaging the guided surface of the closure member, a pair of inverted U-shaped brackets integrally formed on the side wall of the tubular body, locking set screws positioned therein for detachably clamping the lamp on a support, a centrally disposed opening in one of the end caps, and a lamp socket supported therein for positioning within the tubular body.

2,451,158
PAINTING OF GAS HOLDERS
Lewis B. Donovan, White Plains, N. Y., assignor to Consolidated Edison Company of New York, Inc., New York, N. Y., a corporation of New York
Application March 30, 1945, Serial No. 585,609
4 Claims. (Cl. 117—94)



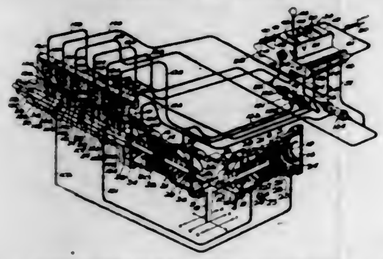
1. Method for painting the exterior wall surfaces of a gas holder of a type having a plurality of telescoping sections, each provided with a water seal adjacent its lower edge and adapted to be raised and lowered by gas compressing and exhausting equipment cooperating with the holder, which method comprises the following steps starting with the sections in elevated position and with their external surfaces substantially dry: first delivering a layer of floating paint onto the water seal for a lower section, exhausting sufficient gas to lower the sections whereby paint is drawn from such water seal onto the outside dry wall surfaces of said lower section, delivering a layer of such paint onto the water seal for a higher section, exhausting sufficient gas whereby such higher section is lowered and paint is drawn from the last named water seal onto the outside dry wall surfaces of such higher section, thereafter introducing sufficient compressed gas to elevate such higher section whereby paint is again drawn onto the outside surface thereof, then removing the excess paint from the last named water seal, thereafter further introducing sufficient compressed gas to elevate said lower section whereby another layer of paint from the first named water seal is drawn onto the outside surface of such lower section, and finally removing excess paint from the first named water seal.

2,451,159
APPARATUS FOR THE CONTINUAL PRODUCTION OF ELECTRICALLY WELDED TUBES
Albert Dreyer, Lucerne, Switzerland, assignor to Metallschlauchfabrik A. G., Lucerne, Switzerland
Application March 6, 1945, Serial No. 581,230
In Switzerland February 11, 1944
4 Claims. (Cl. 219—6)



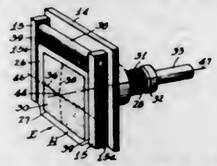
2. In apparatus for the continuous production of resistance welded tubes from a thin gauge metal band, means for bending the band to tubular form with a longitudinal split in one side thereof, two longitudinally spaced roller electrodes engaging the split side of the tube, an elongated cylindrical contact member within the tube and movable with it, said member having a length greater than the spacing of the electrodes and serving as a current bridging means between said electrodes, means controlled by forward movement of said contact member for periodically retracting it, and other means controlled by movement of the contact member for controlling the supply of current to the electrodes.

2,451,160
FLUID PRESSURE CONTROL MECHANISM
Wilfred A. Eaton, Elyria, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware
Application May 31, 1945, Serial No. 596,963
8 Claims. (Cl. 74—335)



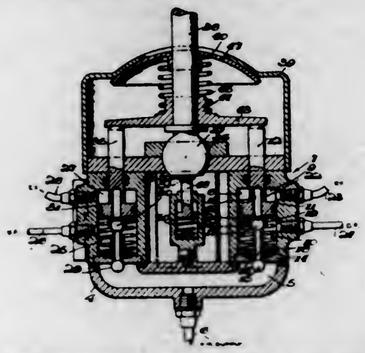
1. A power-operated control mechanism for a transmission gearing of the type having a combined selector and shifter member having a neutral position and movable from one selected plane to another selected plane and movable in either direction in either of said planes to establish a selected gear ratio comprising power means for moving said member from one plane to the other, a separate power means for effecting shifting movement of the member from neutral position in either direction in each of said planes to a gear ratio establishing position, and means for controlling the supply of power to both said power means including separate pairs of power control devices for controlling the supply of power to said power means to effect movement of said member to each of said gear ratio establishing positions, and means controlled by the operation of the first named power means for controlling the operation of one device of each pair.

2,451,161
PRESSURE DEVICE FOR CAMERA MECHANISM AND FILLER INSERTS THEREFOR
Jerry Fairbanks, Hollywood, Calif.
Application December 19, 1945, Serial No. 635,882
17 Claims. (Cl. 88—17)



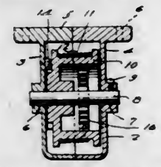
11. In a pressure device for a camera mechanism, a master plate mounted in a camera gate and having a pair of film-guiding rails thereon, the rails having film-engaging faces, a pressure plate disposed between the rails and formed with a film-pressing surface crowned both vertically and horizontally, means for moving the pressure plate away from the master plate to bear against a pair of superimposed films guided in the gate during periods of exposure, means for moving the pressure plate into retracted positions relative to the films during periods of film movement, and a crowned roller extending between the rails, the crown of the roller projecting beyond the film-engaging faces of the rails.

2,451,162
VALVE MECHANISM
Charles E. Gates, Elyria, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware
Application December 8, 1943, Serial No. 513,424
12 Claims. (Cl. 277—20)



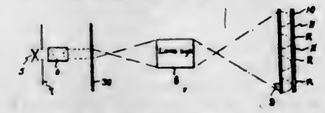
1. The combination in a fluid pressure control valve having a casing and a pair of control valve mechanisms mounted in said casing each provided with inlet and exhaust valves and a pressure responsive element movable for actuating said valves, of means for selectively controlling the operation of said valve mechanisms including a lever mounted on the casing for rocking movement with respect thereto, a member carried by the lever for actuating said elements and mounted for movement with respect to the lever, and means including a resilient member interposed between said first named member and casing for opposing movement of said member with respect to said lever, whereby the degree of pressure delivered by each valve mechanism is proportional to the degree of movement of said lever.

2,451,163
IMPLEMENT ANCHOR
Everett Goin, Weatherford, Okla.
Application November 23, 1945, Serial No. 630,250
1 Claim. (Cl. 242—109)



In a self-winding spool, a casing, comprising a pair of substantially identical cup-shaped members each having a circular end wall and an integral cylindrical side wall, means rigidly mounting a shaft in said end wall of one member axially thereof, a coil spring concentrically disposed around said shaft and having an inner end fixed to said shaft, a substantially cup-shaped spool having a circular end wall and a cylindrical side wall, a journal in said spool end wall axially thereof, said spool being revolvably mounted on said axle in opposed facing relation to said member with the side wall of said member overlapping the side wall of said spool in spaced concentric relation thereto, the other end of said spring being fixed to a side wall of said spool, said other cup-shaped member being formed to provide an axial bore through said end wall and adapted for a sliding fit over said axle, a ratchet formed on said spool, a pawl carried by said second member and engageable with said ratchet, and each of said cup-shaped members having a substantially identical base flange to permit separate mounting and dismounting of the same on a support.

2,451,164
PHOTOGRAPHY IN ADDITIVE COLOR BY THE CONTROLLED UTILIZATION OF CHROMATIC ABERRATIONS IN LENSES
Samuel B. Grimson, New York, N. Y., assignor to Color Research Corporation, New York, N. Y., a corporation of Delaware
Original application March 3, 1944, Serial No. 524,860. Divided and this application January 24, 1946, Serial No. 643,063
5 Claims. (Cl. 88—24)



1. A method of producing an original scene in colors from a plain base film having a black and white photographic image of that scene in the

form of a repeating series of lined color values, which comprises uniformly illuminating such an image with white light, projecting that image by means of a lens through a filled diffraction grating, adjusting the relative axial positions of said film, lens and diffraction grating until said image is focused through said diffraction grating, and relatively displacing said lens and grating axially with respect to each other and said film while maintaining said focus until the periodicity of the film image lines is the same as that of the grating, whereupon the original scene appears in original color.

2,451,165
SEALING OF CLOSURES FOR GUSSETED PAPER BAGS
Carl Henry Hartman, New Rochelle, N. Y., assignor to St. Regis Paper Company, New York, N. Y., a corporation of New York
Application April 27, 1946, Serial No. 665,439
1 Claim. (Cl. 229—62)



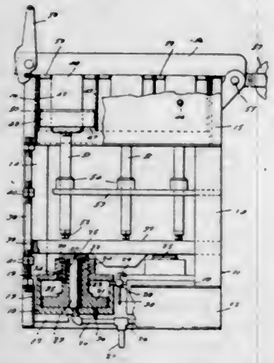
In a paper bag formed with a flattened multi-wall gusseted tubular body portion, end closure means comprising a longitudinally folded paper strip of generally U-shaped cross section extending from side-to-side of the bag and positioned astride the end edges thereof, a line of stitches passing through said strip and said end edges as embraced thereby, and extending the length of said strip and securing same in place, and a coating of waxy material covering said strip and stitching, the fold line of said strip at points adjacent the gusset areas being perforated at spaced points, some of said waxy material extending through said perforations into contact with and substantially completely covering said end edge portions of the gusset areas and tightly sealing same with respect to each other and said closure means, the perforated strip protecting said edge portions and the waxy material thereon against disruption of the seal.

2,451,166
TIRE PRESSURE ALARM SWITCH
Howard L. Hull, Anderson, Ind.
Application January 30, 1946, Serial No. 644,291
7 Claims. (Cl. 200—58)



1. In a pressure operated switch adapted for placement between a wheel rim and inner tube of a pneumatic tire thereon for indicating excessive and deficient pressure conditions of tube inflation, a switch device wholly concealed within the rim comprising a pair of contact leaves secured together in electrically insulated relation at one end, a return bend portion at the other end of each of said leaves, the returned portion of at least one leaf being spaced from the body portion thereof, and a second outwardly directed leaf bent from the returned portion of one leaf and spaced from its supporting returned portion and interleaved between the first mentioned and spaced returned portion and its supporting leaf, the first mentioned returned portion being interleaved between the second mentioned returned portion and the outwardly directed leaf.

2,451,167
BLOCK MOLDING MACHINE
Andrew T. Johnson, Las Vegas, Nev.
Application June 3, 1947, Serial No. 752,119
5 Claims. (Cl. 25—45)



1. A pressure molding machine for forming building blocks comprising a rectangular box-like frame, a pair of cylinders secured vertically in the lower portion of the frame, a main piston in each cylinder, an auxiliary piston telescoped in said main piston and vertically slidable therein, the main piston having a stem portion slidably fitting the top wall of the cylinder, an enlarged head on the top end of each auxiliary piston, a bar member overlying the piston heads, means guiding said bar member for vertical movement, a mold box secured in the upper portion of the frame, an upwardly movable plunger slidably fitting said mold box, and a depending vertical push rod carried by said plunger and engaging the bar member at its bottom end.

2,451,168
WELL PUMPING SYSTEM
Herman E. Lauman, Garden City, N. Y.
Application August 3, 1943, Serial No. 497,227
3 Claims. (Cl. 103—219)

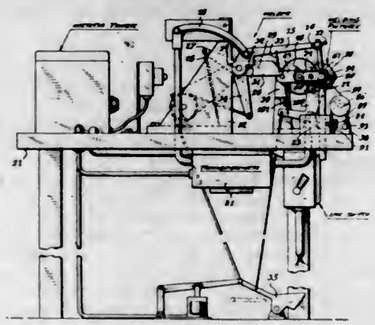
1. In a pumping system, the combination of a well casing, a pump column extending into the well casing, means for pumping fluid upwardly through said pump column, and means for sealing the space between the casing and pump column, said sealing means including a resilient sleeve surrounding the pump column in position for bearing relation against the casing, rings surrounding the pump column and rigidly fixed thereto, means telescoped with opposite ends of the sleeve and securing said sleeve in sealed relation with the rings, said sleeve being spaced outwardly from the pump column forming a hydraulic chamber within the sleeve, said pump column having an opening through a side thereof to the chamber for admitting fluid under the

pressure of the pumping means into said chamber and in pressure relation against the sleeve



to force the sleeve in sealing relation against the casing.

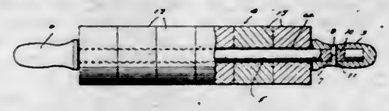
2,451,169
WIRE WINDING AND WELDING DEVICE
Frederick T. May, Verona, and Richard A. Rehberg, Livingston, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 23, 1943, Serial No. 515,342
15 Claims. (Cl. 219—4)



1. In a winding device, a pivoted sleeve, a driving pinion carried thereby, a pivoted driven gear shaft, a driven gear carried by said shaft and meshing with said pinion, a windable article holder turnably carried by said sleeve and having limited longitudinal movement with respect thereto, a feed screw carried by said driven gear shaft, means carried by said screw for moving said holder longitudinally during winding, means mounted at each end of said holder for clamping an end of a wire at the beginning of the wire-winding operation, and means on said sleeve for turning said holder to wind said wire on any article carried thereby.

2,451,170
ROLLING PIN
William McDowell, Glendale, Calif.
Application July 19, 1946, Serial No. 684,738
1 Claim. (Cl. 107—50)

A rolling pin, comprising a shaft, a plurality of roller sections, each of said sections being formed with an axial bore of slightly larger diameter than said shaft, and means mounting said sections on said shaft for free limited lateral



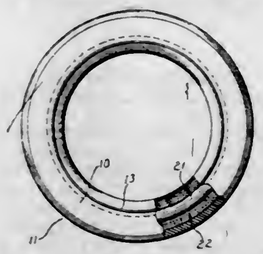
movement and free rotational movement relative to each other and to said shaft.

2,451,171
OLEO STRUT FOR AIRPLANE LANDING GEARS
Milton R. Mullen, Philadelphia, Pa., assignor of one-fourth to Wm. Steell Jackson and Joseph Gray Jackson
Application December 14, 1942, Serial No. 468,942
3 Claims. (Cl. 267—64)



1. In an oleo strut, a pair of telescopic members arranged one above the other, the lower member having an apertured upper end and a compartment beneath the apertures in the upper end, an apertured bulkhead in the upper member, liquid in the lower member adapted to be forced through the apertured bulkhead by closing telescoping movement of the members and trapping air above the bulkhead, one-way valve mechanism providing free passage of liquid into said compartment and less free passage from it and an hydraulic accumulator air cell located in said compartment.

2,451,172
CUSHION TIRE
Hans C. Nies, Passaic, N. J.
Application June 14, 1946, Serial No. 676,793
3 Claims. (Cl. 152—310)



1. A cushion tire for vehicles comprising an annular rubber casing of tubular construction, an

annular metallic core of tubular construction uniformly spaced from the inner surface of the casing, a coating of rubber surrounding said core, a plurality of hard rubber balls filling the space between said core and the wall of the casing, said balls being vulcanized together and to the core and to said wall to form a cohesive unit.

2,451,173

RUBBEROID TALL OIL POLYMERS AND PROCESS FOR MAKING THE SAME

Richard Richter, Irvington, N. J., and John J. Miskel, Brooklyn, N. Y., assignors to Nopco Chemical Company, a corporation of New Jersey

No Drawing. Application December 24, 1943, Serial No. 515,600
14 Claims. (Cl. 260—97.5)

1. A rubber-like polymer produced by polymerizing a hydroxy-acetylated tall oil by condensation by means of heat in the presence of an esterification catalyst serving as a catalyst for the condensation polymerization reaction.

2,451,174

VULCANIZATION OF VINYL RESIN

Louis F. Reuter, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application October 14, 1943, Serial No. 506,271
3 Claims. (Cl. 260—88)

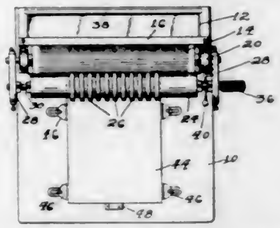
1. The method of vulcanizing a plasticized polymer composition having as a base a polymer prepared by the polymerization of a monomeric material consisting predominantly of a halogenated ethylene containing from one to two halogen atoms on one only of the carbon atoms, which comprises incorporating in said plasticized polymer composition from 2.0 to 10%, by weight of the polymer, of polymerized 2,2,4-trimethyl dihydroquinoline, and heating said composition at a temperature from 300° to 350° F. for 10 to 100 minutes.

2,451,175

WRAPPING, BANDING, AND TIPPING MACHINE

Fred A. Risberg, Chicago, Ill.

Application September 1, 1945, Serial No. 614,025
11 Claims. (Cl. 91—50)



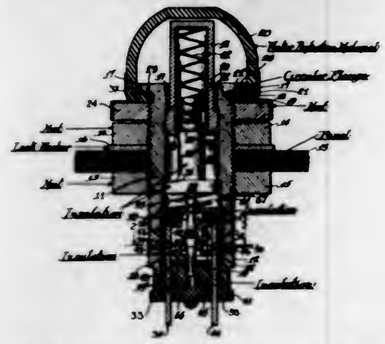
1. A wrapping, banding and tipping machine comprising a base, a paste-containing trough at the rear of the base, a paste-distributing roller rotatively mounted in the trough, another paste-distributing roller mounted above the base in contact with the first roller, movably mounted bearings for supporting the second roller, means for lifting the second roller from the base, and means on the base for supporting a plurality of sheets of paper with one edge beneath the second roller.

2,451,176

MOISTURE-PROOFED PLUNGER SNAP SWITCH

Joseph H. Schellman, Ridley Park, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del., a corporation of Delaware

Application March 27, 1945, Serial No. 585,060
4 Claims. (Cl. 200—168)



1. In a switch, an automatically retractable switch having a threaded exterior and an outwardly flaring flange upon the front and a spring-retracted operating member moving forward and back at the front, a waterproof, flexible and elastic cup surrounding the flange and operating member and engaging the rear of the flange and a nut mounted upon the casing and pressing the edge of the cup against the rear of the flange.

2,451,177

TREATMENT OF ACRYLIC ESTER POLYMERS

Stephen T. Semegen, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application October 25, 1945, Serial No. 624,584
9 Claims. (Cl. 260—41)

1. The process of curing a plastic polymer of a monomeric material consisting of a saturated aliphatic monohydric alcohol ester of acrylic acid, which comprises heating said polymer with from 25 to 500% by weight of an oxide of lead.

2,451,178

TREATMENT OF ACRYLIC ESTER POLYMERS

Stephen T. Semegen, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application October 25, 1945, Serial No. 624,585
5 Claims. (Cl. 260—83)

1. The process of curing a solid plastic polymer of a monomeric material consisting solely of an alkyl ester of acrylic acid, which comprises heating the said solid polymer at a temperature of 250 to 325° F. with from 2 to 25% by weight based on said polymer of a solid alkali metal hydroxide.

2,451,179

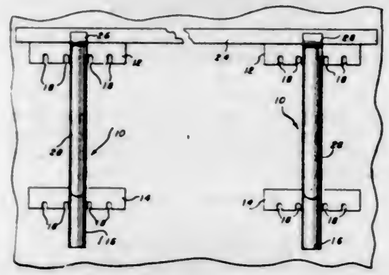
HANDY SCAFFOLD BRACKET

Henry J. Steffes, Great Falls, Mont.

Application February 20, 1946, Serial No. 648,950
2 Claims. (Cl. 248—235)

1. A device of the character described, comprising parallel relatively spaced strap hangers,

a vertical tubular member secured to the center of said hangers, and angle iron secured to the top of said member and extending at right angles therefrom means on the end of said iron for retaining a plank thereon, a tubular member se-



cured to the vertical member and to the undersurface of said angle iron in diagonal relation thereto, and elongated open ended vertical parallel spaced slots in the lower longitudinal edges of said hangers for receiving means for securing said hangers to a wall.

2,451,180

CATALYSTS FOR THE POLYMERIZATION OF BUTADIENE-1,3 HYDROCARBONS

William D. Stewart, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Application February 13, 1943, Serial No. 475,795
14 Claims. (Cl. 260—84.5)

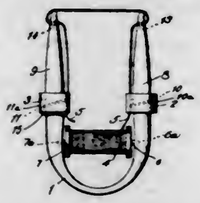
1. The method which comprises preparing an aqueous emulsion containing water and a lesser amount of polymerizable material comprising a butadiene-1,3 hydrocarbon, adding to the water of said emulsion from about 0.00001 to 0.05% by weight based on the total polymerizable material present of a simple ionizable salt of a metal occurring in group VIII of the periodic table, the said salt being one which is capable of dissolving in water at least to the extent of 0.1 g. in 100 cc. of water at 20° C., and polymerizing the butadiene-1,3 hydrocarbon in the aqueous emulsion in the presence of the added salt, whereby the rate of polymerization is substantially increased.

2,451,181

DENTAL FLOSS HOLDER

Morris Swartzman, Brooklyn, N. Y.

Application September 11, 1945, Serial No. 615,661
3 Claims. (Cl. 132—92)



1. In a dental floss holder of the kind including a yoke integrally carrying a pair of opposing arms across the upper limits of which a length of dental floss is to be drawn taut, the combination of means including mutually facing formations on the holder near the lower ends of the arms for detachably mounting on the holder a spool of dental floss by engagement of opposite portions of such spool with said formations, and means for holding a length of floss in taut condition spanningly of the arms near their upper ends while said length is unsevered from a length of floss running along the exterior of said arms and over the major length of one of said arms and exteriorly of the latter, the last-named length of floss coming from said spool, said holding means comprising a thread on each arm, a ring on each arm having a thread engageable with the thread on its arm, each ring being axially movable along its arm after disengagement of its thread thereby to permit insertion through the ring of a length of floss, whereby on again engaging the threads of an arm and its ring and thereupon turning said ring on its arm the floss will be pinched by and anchored between said arm and its ring.

2,451,182

COMPOSITE ARTICLE

George H. Taft, Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

No Drawing. Continuation of application Serial No. 400,097, June 27, 1941. This application September 8, 1943, Serial No. 501,561
9 Claims. (Cl. 117—139)

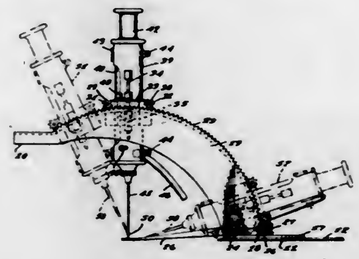
7. A method for forming a composite article which comprises introducing into a sheet of vulcanized rubber at room temperature a substantial amount of butyl phthalyl butyl glycollate insufficient to saturate the rubber, chlorinating the surface of the rubber sheet, applying to the surface a solution in methyl ethyl ketone of gamma polyvinyl chloride plasticized with butyl phthalyl butyl glycollate, and evaporating the solvent.

2,451,183

BLOOD EXTRACTING APPARATUS

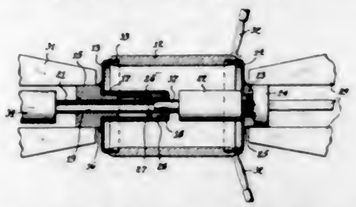
Leonardo Tantimonaco, West Haven, Conn.

Application July 22, 1947, Serial No. 762,566
5 Claims. (Cl. 128—133)



1. A blood extracting apparatus, comprising an arm splint, a support plate adjustably secured to said arm splint, a pair of parallel arcuate bars carried by said support plate, a block member, means movably securing said block member to said arcuate bars for movement along the arcuate surfaces thereof, a vein piercing syringe movably mounted on said block member and directed radially inwardly with respect to the axis of said arcuate bars, the syringe having its needle tip slightly angled with respect to the main portion of the needle, and means for guiding the syringe in a radial path with respect to said axis.

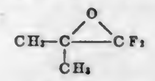
2,451,184
PROTECTIVE DEVICE AND THE MANUFACTURE THEREOF
Ward W. Watrous, Jr., Chatham, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 16, 1942, Serial No. 462,258
9 Claims. (Cl. 250—27.5)



1. The method of positioning electrodes in a discharge device comprising closely fitting a spacing tube of limited longitudinal movement within one of said electrodes, closely fitting the other electrode within said tube, while said spacing tube is positioned with respect to said one electrode nearest said other electrode, and withdrawing said tube from said other electrode to the opposite extreme position of limited movement, leaving said electrodes spaced apart the desired distance.

2,451,185
FLUORINATED PRODUCTS AND PROCESS
Atherton M. Whaley, Columbia, S. C.
No Drawing. Application March 25, 1946, Serial No. 657,071
5 Claims. (Cl. 260—348)

2. The product 1,1 - difluoro - 1,2 - epoxy - 2 - methylpropane, having the formula:

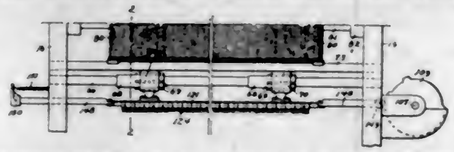


2,451,186
GLUE COMPOSITION CONTAINING VETCH SEED MEAL
Gustave Widmer, Basel, and Wilhelm Hertner, Pratteln, Switzerland, assignors to Ciba Limited, Basel, Switzerland, a Swiss firm
No Drawing. Application April 24, 1945, Serial No. 590,125. In Switzerland May 16, 1944
3 Claims. (Cl. 260—6)

1. A glue composition containing a thermosetting synthetic resin of the group consisting of urea-formaldehyde resin and melamine-formaldehyde resin and also containing as an extender a meal from vetch seeds substantially freed from foreign seed material, which meal has such a high degree of fineness that at least 65 per cent of it passes through a sieve having a mesh of at the most 0.17 millimetre (clear opening).

2,451,187
THREAD GUIDE BAR MOUNTING FOR KNITTING MACHINES
George Ostrom Young, Robesonia, Pa., assignor to Vanity Fair Mills, Inc., Reading, Pa., a corporation of Pennsylvania
Original application October 15, 1945, Serial No. 622,321. Divided and this application September 10, 1946, Serial No. 695,920
2 Claims. (Cl. 66—86)

1. In a knitting machine the improvement which includes: a stationary shaft; at least two arms swivelly mounted on said shaft; a thread guide bar carried by said arms; thread guides on said thread guide bar; means holding said arms



against swivelling; and means by virtue of which said thread guides may be racked, said first mentioned means including splines on said stationary shaft and spline grooves in said arms.

2,451,188
PYROPHORIC LIGHTER
Hermann Konrad, Moutier, Switzerland
Application November 28, 1945, Serial No. 631,300
In Switzerland November 27, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires November 27, 1964
9 Claims. (Cl. 67—7.1)



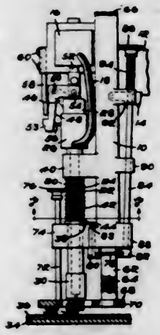
2. In a pyrophoric lighter, the combination of an inner casing and an outer casing telescopically arranged, a sparking mechanism comprising a milling wheel assembly and an ignition stone, said wheel assembly being carried by the outer casing and disposed within said casing, said inner casing having a transverse web and a closed outer end providing a fuel reservoir therebetween, means attached to the web and engageable with the wheel assembly for rotatably actuating the latter upon compression of the casings, a wick supported by said web, said inner casing having a longitudinal slot, and a transverse pin carried by the wheel assembly and engaged in said slot to limit relative movement of the casings.

2,451,189
ELECTRIC FREQUENCY TRANSFORMATION SYSTEM
Ernst F. W. Alexanderson and Albert H. Mittag, Schenectady, N. Y., and Marion W. Sims, Fort Wayne, Ind., assignors to General Electric Company, a corporation of New York
Application October 18, 1947, Serial No. 780,618
17 Claims. (Cl. 172—281)



1. A frequency transformation system comprising, an alternating voltage input circuit and an output circuit for operation at a frequency which is a multiple of the frequency of the input circuit, resonant circuit means interconnecting said input and output circuits and tuned substantially to the multiple frequency of the output circuit, and electric impulsing means interposed between said input circuit and said resonant circuit means for periodically impressing electric impulses upon said resonant circuit in predetermined positive and negative half cycles of the voltage of the output circuit.

2,451,190
STUD WELDING GUN
Frank W. Anderson, North Weymouth, Mass.
Application April 22, 1947, Serial No. 743,028
5 Claims. (Cl. 219—4)

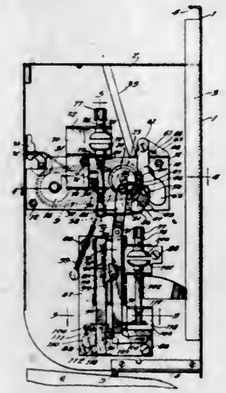


1. A welding device of the character described comprising a frame, a stud holder movable longitudinally of the frame, means yieldingly urging the stud holder toward the work so that a stud received in said holder is pressed against the work when the bottom of the frame rests thereon, an electro-magnet mounted on said frame and having a movable armature, a dog pivotally connected to said holder and said armature for retracting the holder and stud when the magnet is energized, said dog having a latch, a stop member engaged by said latch when the bottom of the frame rests on the work and the magnet is deenergized, said latch being moved out of engagement with said stop member by movement of said armature upon energization of the magnet, whereby the holder is retracted and the stud moved a predetermined distance from the work.

2,451,191
STOP MECHANISM AND MEANS FOR MOUNTING
Rudolph G. Birr, Lombard, Ill., assignor, by mesne assignments, to American Linen Supply Co., Carson City, Nev., a corporation of Nevada
Application June 20, 1945, Serial No. 600,620
17 Claims. (Cl. 271—2.3)

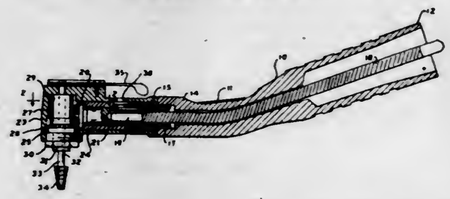
1. A stop mechanism and a timer therefor, means movable by a step-by-step motion by said stop mechanism to set the timer, including a pawl which holds a timer-setting part against retrograde motion, and a second timer adapted to be set by said stop mechanism and having a part which trips said pawl as soon as timing action of said second timer is completed.

15. A device of the class described comprising, a stop mechanism, a settable first timer adapted when set to prevent opening of the stop mechanism until the end of its timing period, first and second movable elements, the second adapted to set the first timer, means by which the first element advances the second element toward timer-setting position for each movement of the stop from open position to closed position, means by which the stop operates the first element to obtain a step-by-step advance of the second element toward timer-setting position, latch means



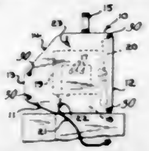
adapted to positively hold the second element against retrograde motion after advance by the first element, a second timer adapted to release said latch means at the end of its timing period, and means on the first element for setting the timer during operation of the stop mechanism.

2,451,192
DENTAL TOOL ATTACHMENT
James H. Blair, Prince Bay, Staten Island, N. Y., assignor to Chayes Dental Instrument Corporation, New York, N. Y.
Application November 5, 1945, Serial No. 626,801
1 Claim. (Cl. 32—27)



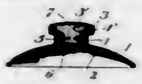
An attachment of the character described including a dental tool, a tapered tubular casing having an end housing in which a pinion gear drive is disposed at 90° from the main drive shaft in the tapered tubular casing, said main shaft being made up of a solid portion which is affixed to a pinion gear and a flexible shaft extending from the solid portion through said casing into position to be engaged by a rotatable driving means, said first pinion gear having a butt end to bear against a flat side of the bushing holding said second pinion gear said tapered tubular casing being bent in elbow form but the inner periphery of the tubular form centering said flexible shaft to insure a concentric drive of said pinion gear, a second pinion gear in said end housing rotatably mounted to mesh with said first mentioned pinion gear, said second mentioned pinion gear having a bore to hold and drive the shank of a dental tool, means to retain said pinion gears in mesh during any back lash in the flexible portion of said drive shaft.

2,451,193
PORTABLE AIR CLEARING FAN
Joseph L. Brandenburg, Brooklyn, N. Y.
Application June 21, 1945, Serial No. 600,816
1 Claim. (Cl. 98—94)



In an air clearing fan having a casing rectangular in cross-section and formed with open ends closed by screens and a motor driven fan disposed centrally within said casing for drawing air into the casing through one screen and exhausting the air through the other screen, said casing having its rear portion tapered to extend over the outer portion of a window stool when said casing is rested on a window sill, means securely supporting the motor of the motor driven fan in the casing with the least resistance to the movement of air through the casing by the support, comprising a U-shaped frame having its intermediate arm securely attached to the bottom wall of the casing, said frame having its side arms extended vertically and spaced a distance equal to the width of the motor to extend along diametrically opposite sides of the motor, said side arms having their top ends formed with lines of openings, and screws passing through said openings and threadedly engaging complementary threaded openings in the sides of the motor securely mounting the motor on the top ends of said side arms, said side arms being relatively thin and having their widths extended parallel to the path of travel of the air through the casing.

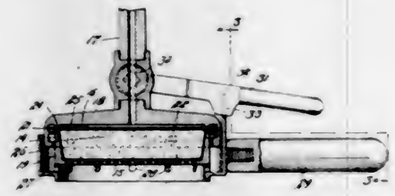
2,451,194
ADHESIVE-CONTAINING SUCTION CUP
Frank Conrad Braun, New York, N. Y.
Application October 3, 1945, Serial No. 620,065
3 Claims. (Cl. 248—206)



2. A suction cup made of resilient material and comprising a cupped disc, a projecting portion on the convex side of the disc, said projecting portion being hollow to form an adhesive reservoir, adhesive in said reservoir, and a slit in said disc communicating with the adhesive reservoir and opening through the concave suction face of the disc, said adhesive reservoir extending upwardly to near the top end of said projecting portion whereby the top wall of the projecting portion is thin enough to yield under pressure applied to it by the thumb or finger to extrude some of the adhesive through said slit to the concave side of the disc.

2,451,195
BEVERAGE PACKAGE AND APPARATUS
William F. Brown, Flushing, N. Y.
Application September 19, 1944, Serial No. 554,834
3 Claims. (Cl. 99—295)

2. Beverage extracting and dispensing apparatus comprising in combination with a dispensing head having a fluid supply passage and a separable holder having a rotative coupling engagement with said head, a soft, flexible beverage material containing cartridge seated in said holder and providing a pressure holding liquid-tight seal between the dispensing head and holder, said cartridge composed only of a bottom layer of filter paper having a shallow central truncated cup formation to contain the material and a surrounding continuous laterally projecting annular flange about the edge of the same and a top layer of filter paper covering the cup formation and laterally extending flange of the lower layer, the overlying rim portion of said cover layer being sealed to the projecting flange of the lower layer and forming therewith a flat annular continuous compressible sealing flange of substantially uniform double thickness surrounding and disposed exteriorly of the material containing cup formation, said holder having a truncated socket receiving and closely conform-

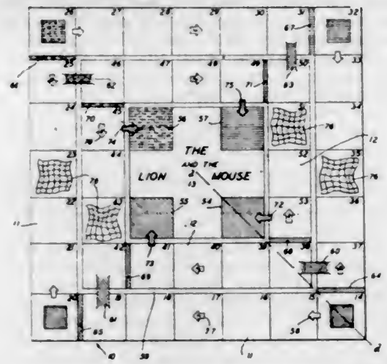


ing to said cup formation of the cartridge, with a perforate bottom wall supporting the bottom of the cartridge and a closed, inclined annular side wall for supporting the side portion of the cup formation, said holder and the dispensing head with which it is separably connected having opposed companion annular clamping portions substantially conforming to and engaging between them the projecting annular compressible sealing flange of the cartridge, means for enabling adjustable coupling of the holder to the dispensing head to apply variable compressive pressure to said sealing flange of the cartridge to seal the holder to the dispensing head with the cartridge in place between the two and means within the dispensing head in line with the supply passage for spreading entering liquid substantially uniformly over the top of the cartridge held in position sealing the holder to the dispensing head.

2,451,196
BOARD GAME DEVICE
Michael Bruck, New York, N. Y., assignor, by mesne assignments, of one-half to Robert Frankfield, New York, N. Y.
Application September 10, 1946, Serial No. 695,982
8 Claims. (Cl. 273—134)

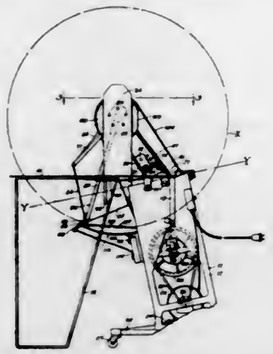
8. A square game board, having an outer circumferential zone, an inner circumferential zone and a central field, the zones being divided in corner squares and intermediate squares, said central field having distinctive corner areas, a barrier marking on one side of each corner square of each zone, the barrier marking of each outer corner square and the barrier marking of the adjacent inner corner square being located on the same half-diagonal of the board through said outer and inner corner squares, a passage marking between the barrier markings of each pair from the outer to the inner zone, and trap markings on selected ones of said intermediate squares,

the outer corner square and the corner area located on the same half-diagonal, and the ad-



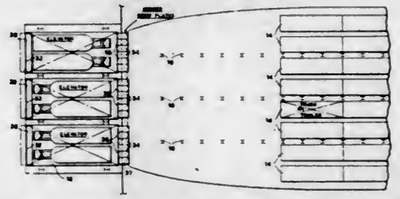
jacent passage marking being equally colored but differently from the other outer corner squares.

2,451,197
TYING MACHINE
Benjamin H. Bunn, Chicago, Ill., assignor to B. H. Bunn Company, Chicago, Ill., a corporation of Illinois
Original application February 10, 1942, Serial No. 430,253. Divided and this application February 7, 1945, Serial No. 576,653
18 Claims. (Cl. 100—31)



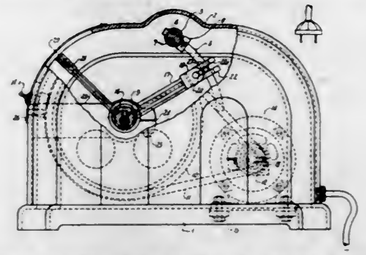
1. A package tying machine comprising in combination with a frame, a fixed package support mounted on the frame, pivoted island table carried by the frame, a rotatable twine arm pivotally mounted co-axially with the island table, anchor means mounted to anchor the island table against pivotal movement, and cyclical operating means mounted to move the parts through a predetermined cycle on an operation thereof; a brake pivoted on the frame adjacent the path of rotation of the twine arm during a rotation thereof, spring means mounted normally to hold the brake beyond the path of rotation of the twine arm, and cam means operatively connected to the cyclical operating means to move the brake into the path of the twine arm at a predetermined point adjacent the end of its cycle, the cam means being positioned to release the brake prior to the completion of an operating cycle.

2,451,198
MEANS FOR LOADING SHIPS
Richard L. Burke, Swarthmore, Pa., assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa., a corporation of Pennsylvania
Application February 7, 1947, Serial No. 727,135
5 Claims. (Cl. 214—14)



1. In combination a moored ship having a vehicle deck provided with a plurality of vehicle lanes which extend from the stern of the ship and which are approximately parallel to the centerline of the ship, and a bank of elevators at a shore loading point, said elevators comprising platforms and a plurality of brow plates individually hinged to the ship side of each platform affording a plurality of separate relatively narrow surfaces connecting each platform to said deck of the ship at the stern.

2,451,199
POWER SHAKER
George W. Carlson, Bridgeville, Pa., assignor to Burrell Technical Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 22, 1944, Serial No. 569,331
2 Claims. (Cl. 74—42)

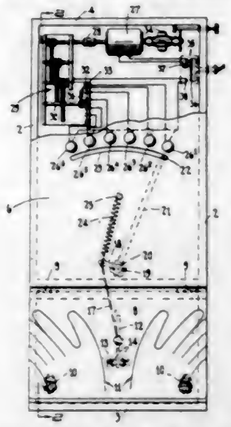


1. In a shaker mechanism, a shaker shaft, a counter-shaft, drive mechanism for the latter, a rocker arm secured to said shaker shaft, an eccentric on said counter-shaft, a connecting rod mounted to be actuated by said eccentric, a connecting link pivoted to the connecting rod and having sliding engagement with the rocker arm, said link having a pin extending therefrom and an adjustment arm having a bifurcated end disposed around said pin to change the relative position of the connecting link and rocker arm to thereby vary the rocking movement of said arm, said adjusting lever being provided with a prony brake to hold said adjustement arm in any given position.

2,451,200
ARTIFICIAL RESPIRATION TRAINING DEVICE
Harry Church, Esquimalt, British Columbia, Canada
Application April 16, 1945, Serial No. 588,535
6 Claims. (Cl. 35—17)

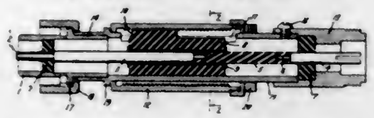
1. An artificial respiration training device comprising a series of electric lamps, means for sup-

plying electric current to said lamps, a constant speed prime mover, a commutating device driven by said prime mover and arranged to cause said lamps to flash in succession at a predetermined speed first in one direction and then in the other, followed by a predetermined pause in the flashing,



a movable indicating device, spring means, and a member manually operable against the action of said spring means to cause movement of the free end of said movable indicating device along a line parallel to that of said successively flashing lamps.

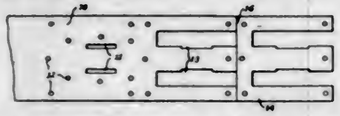
2,451,201
ATTENUATOR FOR ULTRA HIGH FREQUENCIES
Stephen C. Clark, Jr., Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application April 15, 1944, Serial No. 531,224
8 Claims. (Cl. 178—44)



1. An attenuator for a high frequency electromagnetic wave comprising a transmission line having a pair of conductors, one of said conductors being continuous in character, the other of said conductors consisting of two sections separated by an insulating spacer, the opposed ends of said sections and said spacer constituting a capacitance connecting said sections and providing attenuation of said wave, and a conductive member movable along said spacer to vary said capacitance and the amount of said attenuation.

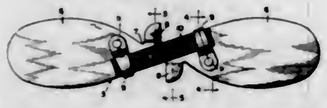
2,451,202
LAMINATED MAGNETIC CORE AND METHOD OF MAKING
James A. Comstock, Clyde, N. Y., assignor, by mesne assignments, to Acme Electric Corporation, a corporation of New York
Application February 21, 1945, Serial No. 579,128
3 Claims. (Cl. 175—356)

1. The method of constructing E-shaped laminations and endpiece laminations from a strip of material in the successive steps of punching spaced elongated openings in the strip of material, punching endpiece laminations from the strip of material with a part of the elongated openings disposed in and thereby forming air gap recesses in a side edge of the endpiece laminations, and cutting the E-shaped laminations from the strip of material with the remainder of the elongated openings disposed in the middle leg of the E-shaped lamination.



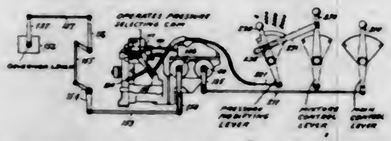
3. In a laminated core, an E-shaped lamination having a base and having side arms and a center arm of equal length with an edge of one of said arms having a recess therein, and an endpiece lamination having a side edge abutting against the ends of the side arms of the E-shaped lamination and having an air gap recess in said side edge positioned to form an air gap between said center leg of the E-shaped lamination and said endpiece lamination, each of said laminations having flat surfaces on each side thereof, said endpiece lamination having dimensions substantially equal to the dimensions of the open space between two next adjacent arms of the E-shaped lamination.

2,451,203
SCISSORS SHARPENER
George E. De Tray, Independence, Mo.
Application December 31, 1946, Serial No. 719,463
3 Claims. (Cl. 76—82.2)



1. A sharpener comprising a handle having a pair of hand grips and a narrow intermediate shank connecting said grips, tool guides at opposite edges of the shank and disposed laterally with respect to each other, and an abrasive element secured to the shank in a position diagonal with respect to the longitudinal dimensions of the shank and intermediate the tool guides.

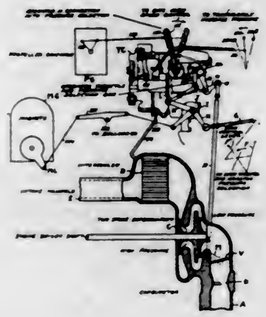
2,451,204
ENGINE CONTROLLER
John Dolza, Donald P. Croisant, Arthur W. Gaubatz, and Peter W. Perish, Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 17, 1943, Serial No. 498,968
19 Claims. (Cl. 123—103)



1. Apparatus for controlling the power output of a supercharged internal combustion engine comprising a manually operated member, means adjusted thereby for controlling engine fuel intake pressure, means operated by the manually operated member for adjusting the governed

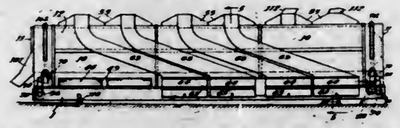
speed of the engine in predetermined relation to the intake pressure whereby a predetermined schedule of relations between the pressure and speed factors of engine power output is maintained with respect to movements of the manually operated member, a second manually operable member, means actuated by movements of the second member from normal position for modifying the schedule of engine power output factors while the first manually operable member remains in set position and means actuated by the movement of the first manually operable member to a certain low pressure position for nullifying the effect of the modifying means while the second manually operable member remains in a position away from normal.

2,451,205
ENGINE CONTROLLER
Clarence H. Jorgensen and William H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 16, 1943, Serial No. 502,598
29 Claims. (Cl. 123—103)



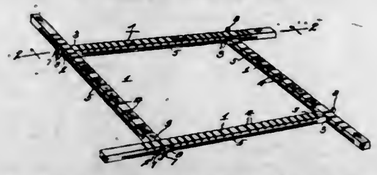
1. Apparatus for controlling the power output of a supercharged internal combustion engine comprising a manually operated member, means adjusted thereby for controlling engine fuel intake pressure, means operated by the manually operated member for adjusting the governed speed of the engine in predetermined relation to the intake pressure whereby a predetermined schedule of relations between the pressure and speed factors of engine power output is maintained with respect to movements of the manually operated member, a second manually operable member, means actuated by movement of the second member in one direction from normal position to increase one of the power output factors to a value above the normal schedule and by movement of the second member in the opposite direction from normal position to decrease one of the power output factors to a value below the normal schedule while the first manually operable member remains in set position and means actuated by the movement of the first manually operable member to a certain low pressure position for nullifying the effect of the second manually operable member to increase a power output factor above the normal schedule while the second manually operable member remains in the power output factor increasing position

2,451,206
METHOD AND DEVICE FOR DRYING WOVEN FABRIC MATERIAL
Hubert C. Ellis, Evanston, Ill., assignor to The Ellis Drier Co., Chicago, Ill., a corporation of Illinois
Application January 10, 1945, Serial No. 572,193
2 Claims. (Cl. 34—133)



1. A device for drying woven fabric material which comprises, an elongated upper cylindrical chamber the wall of which has diametrically related superposed upper and lower openings which are circumferentially narrow but which extend substantially the full length of the chamber, a perforated tumbler drum rotatable in said chamber between the openings, a plurality of consecutive adjacently disposed separate zone chambers under and arranged lengthwise of said upper chamber, heating means within each zone chamber, air-enforcing means within each zone chamber having delivery conduit means delivering through said lower opening, said forcing means being adapted to move air through the heater of that chamber and then through a corresponding zone of the drum and conduit means for receiving air from the upper opening after its passage through a corresponding zone of the drum and for delivering the air to the next consecutive zone chamber for passage through the heater of that chamber.

2,451,207
WEAVING FRAME
Albert Clinton Ferguson, Jacksonville, Fla.
Application March 26, 1948, Serial No. 17,130
3 Claims. (Cl. 139—34)

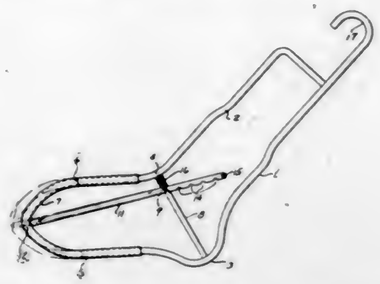


1. A hand loom frame comprising a plurality of bars, elongated transverse openings in said bars, each bar having one of its ends in end engagement with a side of an adjacent bar, said engaging ends of the bars having reduced portions extending through elongated transverse openings in the adjacent bars, threaded members extending longitudinally through the reduced portions of the bars and projecting beyond the outer sides of the adjacent bars and means threaded on said threaded members for drawing the engaging ends of the bars into close engagement with the sides of the adjacent bars.

2,451,208
SOCK DRIER
George W. Fouke, St. Louis, Mo., assignor to Lee-Rowan Company, St. Louis, Mo., a corporation of Missouri
Application August 26, 1946, Serial No. 693,022
4 Claims. (Cl. 223—77)
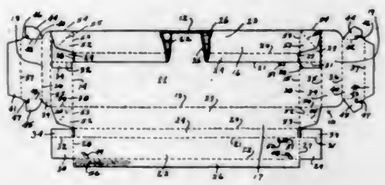
4. A sock dryer comprising a leg portion and a foot portion slidably mounted thereon, an ap-

ertured bracing member extending transversely of said dryer and connecting its heel and instep portions, a rigid adjusting rod detachably secured to said foot portion and extending through the aperture of said bracing member and adapted to institute sliding movement of said foot portion to extend the same, said adjusting rod be-



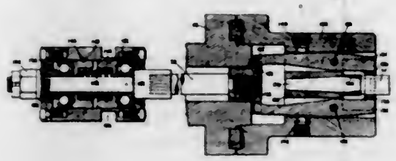
ing provided with retaining means for engagement with the apertured portion of said bracing member, and a coil spring extending between said adjusting rod and the instep portion of said dryer and surrounding said bracing member and adapted to hold all of said parts in adjusted position through pressure exerted upon said adjusting rod.

2,451,209
HOLLOW-WALLED CARTON
William P. Frankenstein, Cincinnati, Ohio
Original application July 21, 1941, Serial No. 403,376. Divided and this application March 15, 1943, Serial No. 479,155
5 Claims. (Cl. 229—34)



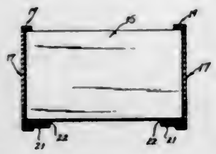
1. In a carton part of the class described comprising a base, side walls upstanding from said base, end walls from opposite ends of the base each formed from an extension subdivided by paralled score lines into portions adapted to form an outer wall member, an inner wall member and a top wall member, said inner and outer wall members being respectively of dissimilar dimension whereby the inner wall members are, respectively, disposed at an angle to the top wall members and carton base other than the angle of the outer wall members thereto, said inner wall members extending at angles to one another that are substantially supplementary, means projecting from said side walls engaged by an inner wall member to hold said inner wall member in position, and a corner tab hingedly connected to each end of each side wall adapted to be disposed across the base between the inner and outer end wall members.

2,451,210
CHUCK FOR AUTOMATIC MACHINE TOOLS
Ralph M. Gamble, Springfield, Vt., assignor to Jones & Lamson Machine Company, Springfield, Vt., a corporation of Vermont
Application February 7, 1947, Serial No. 727,071
10 Claims. (Cl. 279—1)



7. In combination, a chuck comprising a body member, a pair of work-engaging jaws rockably mounted in said body member, relatively weak spring means pressing said jaws toward work-releasing position, an actuating rod longitudinally reciprocable with respect to said body member, cam means in said body member operable by rearward movement of said actuating rod to cam said jaws to work-gripping position, a work ejector slidably mounted in said body member for ejection of work pieces from between said jaws and operable by forward movement of said actuating rod, and a relatively strong spring link on said actuating rod whereby movements of the actuating rod are stiffly resilient.

2,451,211
CABINET, CHEST, AND SIMILAR ARTICLES
Lee Gersten, New York, N. Y.
Application April 24, 1947, Serial No. 743,587
7 Claims. (Cl. 229—23)

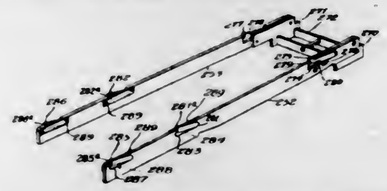


1. In a container of the character described, a paperboard body member having walls forming a channel, a separate paperboard end member, a perimetric flange angularly disposed on said end member whereby said end member is adapted to be telescopically set onto the body member to cover an end thereof, a component carried by said end member and extending beyond said flange, a slat carried by said component, a second slat carried by the body member; said second slat being positioned between the first slat and the end member when said end member covers an end of the body member; each of said slats presenting a bevelled edge; said slats being adapted to be set with said bevelled edges in contact with each other whereby said end member is hooked to the body member while the end member is in position covering said end of the body member, and detachable therefrom by a motion including a swinging movement of said end member with respect to the body member, and distortion of the component.

2,451,212
THERMOPLASTIC COATING COMPOSITION
Leon J. Gold, Shorewood, Wis., assignor to Milprint, Inc., Milwaukee, Wis., a corporation of Delaware
No Drawing. Application November 26, 1945, Serial No. 630,988
6 Claims. (Cl. 106—287)

1. A thermoplastic coating composition comprising 10 to 60 per cent by weight of Norelac, 2.5 per cent to 30 per cent by weight of a plasticizer consisting of a mixture of ortho and para toluene ethyl sulfonamides, and .1 to 15 per cent by weight of paraffin, all dispersed in a volatile solvent.

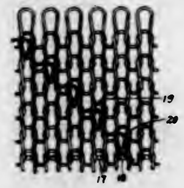
2,451,213
RECIPROCABLE FEED MEANS FOR PRINTING MACHINES
Walter T. Gollwitser, Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Original application October 16, 1941, Serial No. 415,317, which is a division of application Serial No. 221,841, July 28, 1938. Divided and this application September 15, 1944, Serial No. 554,258
3 Claims. (Cl. 271—44)



1. In a printing machine, means affording a printing device guideway along which such printing devices may be advanced, a pair of carrier bars connected together in laterally spaced relation and supported and guided in said guideway for reciprocating movement, said carrier bars each having a plurality of elongated recesses formed in their upper edges and affording overhanging lugs at each end of each recess, a plurality of pawls, one of which is allocated to and disposed in each of the recesses, one end of each pawl and the corresponding end of the respective recess in which such pawl is mounted being formed to afford complemental arcuate surfaces affording a pivotal mounting for the pawl, spring means in each recess operable to pivot the related pawl upwardly, a lug formed on the other end of each pawl and disposed beneath the overhanging lug at the adjacent end of the related recess to limit upward pivotal movement of such pawl, and means including retaining plates on the inner side surfaces of said carrier bars operable to hold said pawls laterally in position in said recesses.

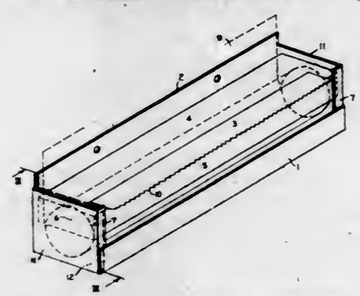
2,451,214
METHOD OF KNITTING
Isaac H. C. Green, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application February 13, 1946, Serial No. 647,301
2 Claims. (Cl. 66—135)

1. A method of knitting which includes the steps of feeding a body yarn to needles, raising at least two needles to a wrap yarn receiving height, feeding the same wrap yarn to the hooks of all of said raised needles, further raising the leading one of said raised needles to clear its latch and thereafter causing all of said needles to pass through the knitting wave whereby said



wrap yarn is cast off by the leading needle and knit by the remainder of the needles that were raised to wrap yarn receiving height.

2,451,215
HOLDER-DISPENSER FOR ROLL SHEET MATERIAL
Gordon L. Hall, Old Lyme, Conn.
Application February 28, 1947, Serial No. 731,585
1 Claim. (Cl. 242—55.5)

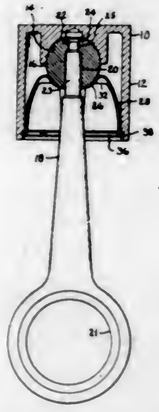


In a device of the character described, a container adapted to hold roll sheet material, a cover freely, slidably and detachably mounted therein so that it will move freely in a vertical direction, and may be lifted free of the container, and when in place in the container is adapted to rest on a contained roll of sheet material, said cover having down turned sides one of which last is adapted to bind a portion of the sheet against a wall of the container to assist the downward pressure of the cover in preventing its further unrolling when the sheet is being severed, and said cover having a metal strip with a serrated tearing edge attached to its upper front edge.

2,451,216
PISTON AND CONNECTING ROD
Gustaf A. Halfvarson, Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 18, 1946, Serial No. 684,521
5 Claims. (Cl. 309—20)

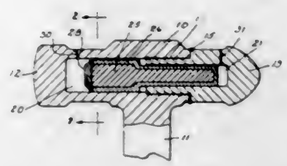
4. A piston and connecting rod assembly comprising a piston having a dependent skirt, a spherical socket in said piston, a shoulder on the interior of said skirt, said shoulder being located below the center of curvature of said socket a distance equal to at least one-half the diameter of said piston, a connecting rod having a spherical head, the upper portion of said head lying in said socket, and a retainer comprising a unitary stamping of sheet metal, said stamping having a socket formed in a side of said sheet metal which socket engages the under side of said spherical head, an opening in the center of said

socket through which opening said connecting rod extends, a downwardly-turned flange portion at the outer edge of and surrounding said socket,



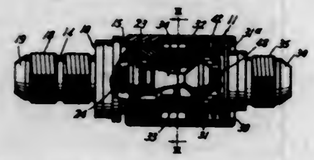
and a plurality of legs at the outer edge of said flange portion, said legs extending diagonally downwardly and resting on said shoulder.

2,451,217
SHOCK ABSORBING HAMMER
August H. Heinrich, Euclid, Ohio, assignor to The Auto Diesel Piston Ring Company, Cleveland, Ohio, a corporation of Ohio
Application April 6, 1945, Serial No. 586,891
3 Claims. (Cl. 145—29)



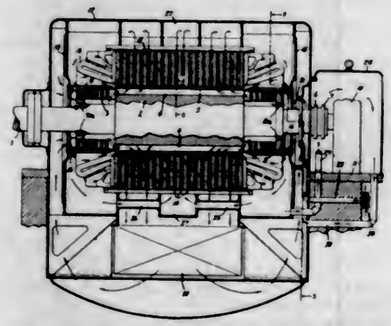
2. In a hand hammer, a handle, a head extending normal to the axis of the handle and disposed at one end thereof, said head being composed of two members one screwing into the other, each member being integrally closed across its exposed end, to form a work striking end and each having a bore therein, the bores being in communication and axial alignment with each other the bore in the member which screws into the other having a smaller cross-sectional area than the other bore, a reaction member having a portion thereof occupying the larger bore and another portion thereof occupying the larger bore and another portion thereof occupying the smaller bore, said reaction member being freely slidable in said bores and confined within the head by the walls of said bores and there being a vent through the wall of each of said two members adjacent to the closing end thereof and leading outwardly from the corresponding bore to the atmosphere, whereby the said reaction member cooperates with either work-striking end of the hammer head to absorb the energy which tends to make the hammer rebound whenever a working surface is struck.

2,451,218
QUICK DISCONNECT COUPLING
Walter D. Hengst, Roscoe, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application July 13, 1946, Serial No. 683,400
5 Claims. (Cl. 284—19)



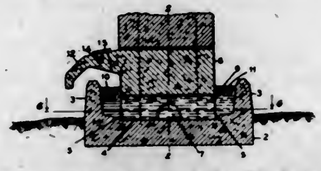
1. A fluid-conduit coupling comprising: two detachably connectable conduit members; one of said members having an inwardly movable spring-seated valve and an annular sealing surface surrounding said valve; the other member having internal and external elements; said external element having a sealing surface for contacting and sealing with said sealing surface of said one member and having a passage terminating in a cylindrical surface adjacent its outer end; means supporting said external element in reciprocal, sealing relation with respect to said other conduit member between an extended position and a retracted position; means for moving said conduit members together whereby said external element is shifted from its extended to its retracted position by force thereagainst of said sealing surface of said one member; means supporting said internal element for reciprocal movement with respect to said other conduit member; said internal element having a piston adjacent its outer end that seals with said cylindrical surface of said external element when the latter is in its extended position and that extends beyond and is clear of said cylindrical surface when said external element is in retracted position.

2,451,219
DYNAMOELECTRIC MACHINE
Viking R. Holmgren, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application May 28, 1947, Serial No. 750,908
5 Claims. (Cl. 171—252)



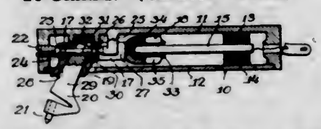
1. A dynamoelectric machine having a stationary member, a rotatable member, ventilating passages through at least one of said members, a housing inclosing said machine, a main impeller rotatable with said rotatable member for circulating ventilating medium through said ventilating passages, an air shield located within said housing near one end thereof to guide ventilating medium to the intake side of said main impeller, and an auxiliary impeller rotatable with said rotatable member for providing at the intake side of said main impeller and said air shield a pressure greater than that of the atmosphere surrounding said machine.

2,451,220
WALL CONSTRUCTION
Floyd E. Hunt, St. Petersburg, Fla.
Application October 13, 1944, Serial No. 558,490
2 Claims. (Cl. 43—131)



1. A wall construction of the kind described, comprising a masonry riser provided with crosswise passages in its lowermost area, and a masonry foundation of substantially U-shape in cross-section having the riser counterseated therein at the longitudinal center of such foundation to effect trough-like spaces at opposite sides of such riser thus providing communication between the passages and spaces.

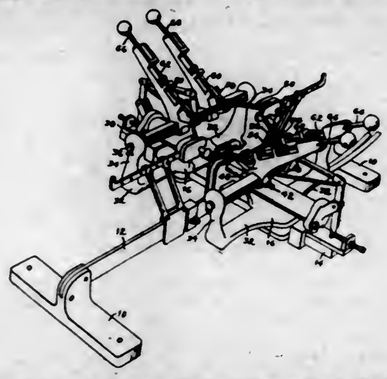
2,451,221
WEDGED NEEDLE TYPE PHONOGRAPH PICKUP
William H. Hutter, Chicago, Ill.
Application October 30, 1944, Serial No. 561,061
10 Claims. (Cl. 179—100.41)



1. In a pick-up unit, two vibration transmitting members, one of which comprises an elongate member provided with a chuck portion having an inwardly tapering bore, said bore being disposed at an angle to the axis of said elongate member, and the other of which comprises a member provided with a record engaging point and provided with an outwardly tapering shank portion, said members being wedged one within the other.

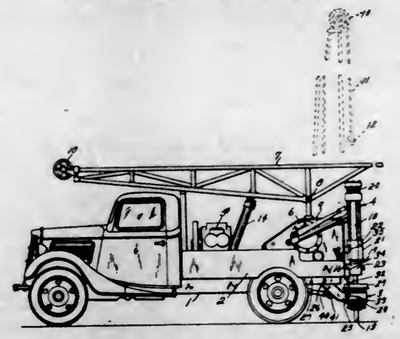
2,451,222
COIL FORMER
Robert B. James, Cincinnati, Ohio
Application September 5, 1946, Serial No. 694,934
13 Claims. (Cl. 153—11)

1. A coil spreading device for use in spreading a flatly wound coil so as to fit into radially directed slots arranged in angular spaced relation, said device including floating means for supporting the ends of the coil, a pair of carriages mounted for movement in opposite directions and located on opposite sides of the coil, two pairs of brackets pivotally mounted upon the carriages, there being one pair of brackets mounted upon one carriage and the other pair of brackets mounted upon the other carriage, means mounted upon the brackets for clamping the sides of the coil to be formed, means for actuating the carriages in opposite directions away from the plane of the coil so as to pull the sides of the coil laterally, and means for oscillating the brackets with respect to the carriages



so as to deflect the sides of the coil so that the sides of the coil are radially disposed with respect to a common axis.

2,451,223
DRILLING APPARATUS
Harry C. Johansen, Michigan City, Ind., assignor to Joy Manufacturing Company, a corporation of Pennsylvania
Application April 7, 1944, Serial No. 530,006
5 Claims. (Cl. 255—19)



1. In a drilling apparatus, the combination comprising a portable base adapted to travel over a ground surface, a rotary table adapted to rotate a drill, means for mounting said table in a relatively low horizontal position on said base with the bottom of said table relatively near the ground surface, feeding means for the drill mounted on said base and shiftable laterally in horizontal planes between a drill feeding position above said table and an inoperative transport position at one side of said table, said mounting means embodying means whereby said table may be raised relative to said base and said feeding means while the latter remains stationary in its inoperative transport position, to locate the bottom of said table a subsantial distance above the ground surface thereby to increase ground clearance during transport, said table mounting means so constructed and arranged that said rotary table, as it is raised into its elevated transport position, moves into a portion of the space previously occupied by said feeding means when the latter was in its operative feeding position.

2,451,224
PUSH-PULL SELECTOR SWITCH
David W. Johnson, New Britain, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application February 5, 1945, Serial No. 576,270
29 Claims. (Cl. 200—4)



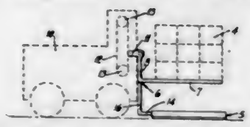
1. In a push-pull selector switch, a base, operating means movable axially and rotatably, means associated with said operating means and base and interlocking to prevent rotation of the operating means, said interlocking means becoming ineffective on predetermined axial movement of said operating means, contact means operated by rotary movement of said operating means, self-acting means acting normally to move said operating means into one axial position from which said operating means may be moved into at least two other axial positions, a plurality of contact means operable by movement of said operating means into certain of said axial positions.

2,451,225
SELECTOR SWITCH
David W. Johnson, New Britain, Conn., assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn., a corporation of Connecticut
Application January 14, 1946, Serial No. 641,070
14 Claims. (Cl. 200—4)



7. In a push-pull switch, a shaft, means mounting said shaft for axial and rotational movements, means compelling an axial movement of said shaft prior to a rotational movement of said shaft from a predetermined position, electrical contacts operated upon axial and rotational movements of said shaft from said predetermined position, and spring means for returning said shaft through said rotational and axial movements to said predetermined position.

2,451,226
APPARATUS FOR HANDLING LOADS
John H. Kemp, Jr., San Carlos, Calif.
Application December 10, 1946, Serial No. 715,175
6 Claims. (Cl. 214—113)



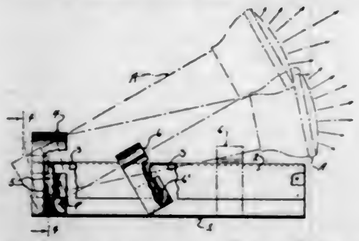
1. In apparatus for depositing a load on a support having a load receiving surface provided with parallel grooves, the combination with a lifting fork having load-carrying tines dimensioned and spaced for reception in said grooves, whereby the load may be transferred to said surface when said tines are located in said grooves, an element displaceable with respect to and in advance of said tines to a position in proximity to said surface to denote the position of said tines with respect to said grooves, a common mount for said fork and said element, and operating mechanism on said mount for effecting independent displacement of said element and said fork and for positioning said tines in said grooves.

2,451,227
SELF-CLEANING SCREEN OR FILTER
Norman R. Krause, Racine, Wis.
Application October 23, 1944, Serial No. 559,871
6 Claims. (Cl. 183—53)



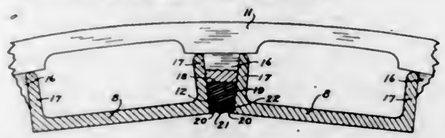
1. In a device of the character described, the combination with a plurality of chambers provided with intake screens exposed to the atmosphere and positioned to arrest foreign matter entrained in air admitted through said screens to the respective chambers, said screens being arranged to discharge such matter by gravity when the flow of air through the respective screens is cut off, an air exhaust passage, a fitting leading to said passage from the respective chambers and provided with valve seat means, and a single valve in the path of air leaving said chambers via said fitting and controlling flow from said chambers to said passage, said valve being provided with means for mounting it for movement from one seat to the other for effecting such control.

2,451,228
POSITION HOLDER FOR FLASHLIGHTS
Joseph L. Lemerond, Green Bay, Wis.
Application July 24, 1947, Serial No. 763,180
1 Claim. (Cl. 248—176)



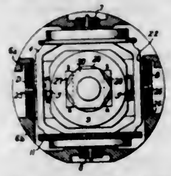
A flashlight holder comprising a sheet metal trough having the edges of its side walls folded inwardly and downwardly to form tracks, an upturned bowed band at one end of the track, feet extending from the lower ends of the band into the tracks, means for securing the band feet and trough side walls together, an underslung loop having upturned feet slidably adjustable within the trough tracks for varying the angle of a flashlight casing which is adopted to be supported at the butt end under the band, and at its lighting end over the loop.

2,451,229
LOG BARKING DRUM
Lawrence H. Lemke, Wausau, Wis., assignor to D. J. Murray Manufacturing Co., Wausau, Wis., a corporation of Wisconsin
Application September 4, 1944, Serial No. 552,675
2 Claims. (Cl. 189—36)



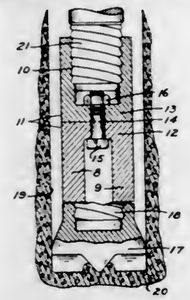
1. In a barking drum, an annular series of elongated parallel channel bars each having outwardly directed integral opposite parallel flanges, a ring surrounding said bar series and having inwardly directed integral radial tapered lugs extending between and snugly engaging the outer side surfaces of the adjacent bar flanges but terminating short of the innermost flange edges to provide grooves between the successive bars spanning the inner ends of said lugs, each of said lugs having therein a pair of relatively deep recesses opening into the adjacent groove a considerable distance inwardly of the opposite sides of the lug and spanning the space between the adjacent bar flanges, and a weld substantially filling the medial portion of each groove and the adjoining recesses, each of said welds terminating at the outer sides of the corresponding pair of transverse recesses so as to leave the opposite ends of each groove unoccupied.

2,451,230
DIRECTIONAL GYRO
John E. Lundberg, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application September 24, 1947, Serial No. 775,809
10 Claims. (Cl. 74—5)



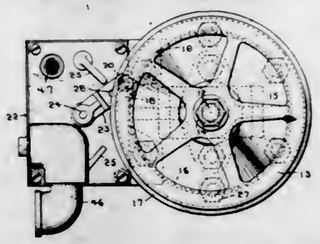
1. In combination, a directional gyro comprising a gyro rotor bearing frame mounted in a gimbal for rotation about vertical and horizontal gyro axes, and a torque motor for precessing said gyro about its vertical axis, said torque motor comprising one or more magnets mounted on said bearing frame to produce a vertically extending magnetic field and a plurality of fixed precession coils arranged around said bearing frame in a circle concentric with said vertical axis and oriented with their flux axes extending in directions of radii of said circle.

2,451,231
MAGNET
Robert L. Manegold, Milwaukee, Wis., assignor to Dings Magnetic Separator Co., Milwaukee, Wis., a corporation of Wisconsin
Application December 11, 1944, Serial No. 567,602
5 Claims. (Cl. 294—65.5)



1. A drill bit removing magnet, comprising, a U-shaped powerful magnet having a flat end surface and an opening therethrough between the magnetic poles thereof, an internally threaded socket having a flat end surface coacting with said magnet surface and being provided with an opening alineable with said magnet opening, and a fastener rigidly uniting said magnet and socket at said openings.

2,451,232
SWITCH CONTROL DEVICE
Claudius Russell McCauley, New Orleans, La.
Application June 29, 1945, Serial No. 602,308
6 Claims. (Cl. 200—53)

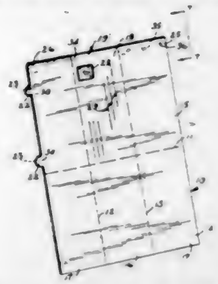


1. In combination, a rotatable and axially displaceable valve operating screw, a switch operating lever, means movable axially and rotatably with said screw to engage and operate the switch operating lever when the screw has reached a predetermined axial position, and stop means for said switch operating lever movable with said screw effective in all other positions of said screw for preventing operation of said switch operating lever.

2,451,233
COMBINED ENVELOPE AND LETTER SHEET
Santiago M. Menocal, Habana, Cuba
Application January 11, 1946, Serial No. 640,504
3 Claims. (Cl. 229—92.1)

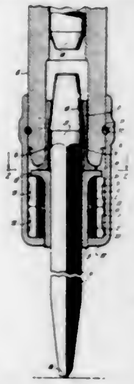
3. In a combined envelope and writing sheet having a sheet of paper formed with a transverse score line along which the sheet can be folded substantially in half and spaced longitudinal score lines along which the sheet can be folded substantially in thirds after being folded in half, a strip portion along one end of the sheet, a line of perforations dividing said strip portion

from the sheet, a score line dividing said strip portion into an inner section and an outer section and along which said strip portion may be folded in half to superimpose said outer section on the inner face of said inner section, and spaced adhesive areas on the outer face of said strip section, one at the end of said outer section and the



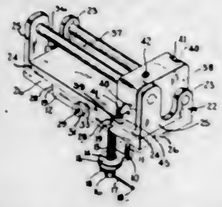
other at the opposite end of said inner section, whereby when the sheet is folded in half, said strip portion may be folded in half and the sheet may then be folded into thirds to superimpose said adhesive areas to be used to seal the sheet folded, and spaced sealing tabs formed along the side of the sheet adjacent the end of said outer section formed with said one adhesive area.

2,451,234
COMPRESSION MEMBER
Walter G. Mitchell, Aurora, Ill., assignor to Independent Pneumatic Tool Company, Chicago, Ill., a corporation of Delaware
Application November 20, 1944, Serial No. 564,338
8 Claims. (Cl. 279—19.6)



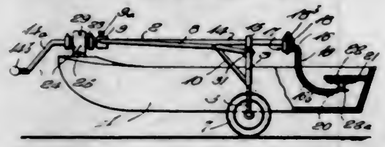
1. The combination with the barrel of a percussive tool having a power operated hammering piston reciprocable therein, of a chisel with shoulders insertible into the barrel to receive the blows of the piston, a retatiner device for the chisel having an outer sleeve secured to the barrel and an inner or mounting sleeve for the chisel in the path of said shoulders, bumper means in the form of a mass of resilient material supported by the outer sleeve about the mounting sleeve for absorbing the impact of the shoulders on the mounting sleeve when struck thereby, the outer surface of the bumper means being concave, and means extending continuously of the bumper means to substantially the full axial extent thereof and responsive to the expansion and compression of the bumper means in flexing from the impact of the shoulders on the mounting sleeve to create a flow of air over the bumper means to cool the same, said last named means opening outwardly through said outer concave surface.

2,451,235
DEVICE FOR RESURFACING GRINDING WHEELS
Milo J. Nagy, Richmond Hill, and Louis Belz, Brooklyn, N. Y.
Substituted for application Serial No. 639,202, January 5, 1946. This application December 10, 1947, Serial No. 790,780
4 Claims. (Cl. 125—11)



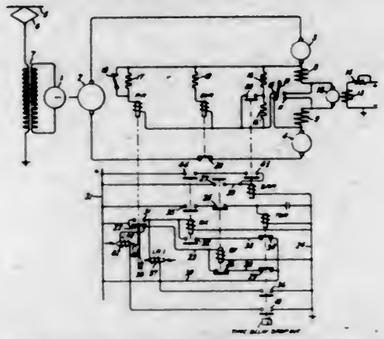
1. A device for re-surfacing the grinding faces of grinding wheels comprising a clamp for mounting said device in position for said re-surfacing, said clamp having a vertical rear wall, a bottom wall having a threaded bore, a screw in said bore, and a top wall having downwardly converging side edges, a central smooth bore and a chamber interrupting said smooth bore at its middle, a guide slidably mounted on said top wall and having inclined edges corresponding to and engaging said top wall converging edges, upstanding side walls, two parallel bars mounted in said side walls, and a block movably mounted on said parallel bars, a boss secured to said guide and disposed in said chamber, said boss having a threaded bore, a screw in said top wall bore threaded through said boss threaded bore and having shoulders abutting the front and rear edges of said top wall whereby rotation of said last mentioned screw will move said guide along said top wall, said block having a forwardly and downwardly inclined bore, a tool in said block bore and means for adjustably securing said tool in said block bore, said tool being movable in two directions by movement of said guide along said top wall and movement of said block along said bars.

2,451,236
TRAILER FOR BOAT HANDLING
Earl William Oeth, Evansville, Ind., assignor of one-third to Ruby A. Oeth, Evansville, Ind.
Application November 5, 1946, Serial No. 707,898
5 Claims. (Cl. 280—33.4)



2. A trailer for handling boats comprising in combination with a boat having supporting hardware extending in a substantially horizontal plane thereon, a wheeled support straddling the boat and including a single centrally disposed longitudinally extending beam, a yoke mounted adjacent the bow of the boat, said hardware comprising a bearing plate mounted adjacent the stern of the boat, a spring member fastened to the end of said beam and extendible beneath the horizontal plane of said hardware and detachably engageable with said bearing plate, and shock absorbing means carried by said beam and detachably engageable with said yoke adjacent the bow of the boat.

2,451,237
TRACTION MOTOR CONTROL SYSTEM
Harold S. Ogden, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application September 18, 1947, Serial No. 774,721
15 Claims. (Cl. 318—84)



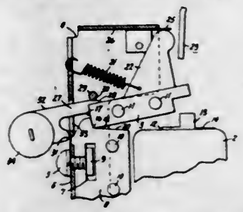
1. A traction motor control system for direct current locomotives comprising, a pair of traction motors each having an armature and a field winding connected in series with each other and with a main source of power, a direct current exciter for supplying energy to said field windings, an adjustable stabilizing resistance, switching means for connecting said field windings in series with said exciter and said resistance and for inserting said resistance in series with said motor armatures, and means responsive to the ratio of current in said armature circuit to the current in said series field winding circuit for changing the value of said stabilizing resistance.

2,451,238
VAPORIZER
Herbert E. Pritchard, New Orleans, La.
Application May 20, 1946, Serial No. 671,086
6 Claims. (Cl. 21—117)



1. In a pocket vaporizer, an outer casing, a container for vaporizable material supported in the casing, a baffle means in the casing, a wick and fuel cartridge, a wick in the cartridge and projecting therefrom toward the baffle, the baffle having an opening through which the wick may project, and interengageable adjustable means between the casing and the cartridge whereby movement of the cartridge may regulate the projection of the wick through the opening in the baffle and thereby regulate the flame size.

2,451,239
SHOCKPROOF ELECTROMAGNET WITH ARMATURE
Paul J. Reifschneider, Springfield, Pa., assignor to General Electric Company, a corporation of New York
Application January 26, 1948, Serial No. 4,403
4 Claims. (Cl. 175—336)



1. In an electromagnetic device comprising a generally U-shaped core, an energizing winding, and an armature having a pivotal edge at one end, means mounting the pivotal edge of the armature adjacent one end of the core for angular movement of the armature toward and away from the other end of the core comprising two intersecting plane surfaces on the one end of the core forming a notch within which the pivotal edge of the armature is seated substantially coincidently with the line of intersection of the plane surfaces of the notch, resilient means tending to turn the armature away from the other end of the core and having a force component tending to move the pivotally supported edge of the armature out of said notch, and means for preventing such movement of the armature including an arm on the armature having a portion of circular configuration with its center in the pivotal edge of the arm and of an angular extent at least equal to the angular movement of the armature, and a blocking member positioned adjacent the notch intersection and having a confining surface in engagement with the circular configuration of said arm during the angular movement of the armature.

2,451,240
ELECTRON DISCHARGE DEVICE EMPLOYING CAVITY RESONATOR APPARATUS
Charles A. Rosencrans, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 17, 1945, Serial No. 578,467
5 Claims. (Cl. 315—39)



1. An electron discharge device having a cathode, grid and anode, and a resonator device for said electron discharge device including a hollow conducting elongated member having one side coupled to said cathode and the other side coupled to said anode, and a partition extending through said hollow conducting member longi-

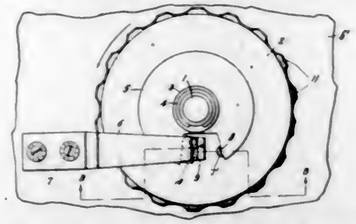
tudinally thereof whereby two resonant chambers are provided, and electrical connections between said grid and said partition, said hollow conducting member having adjacent apertures opening into said chambers, and hollow conducting means telescoped with said hollow conducting member and provided with a partition, said partition providing an opening between opposite sides of said hollow conducting means.

2,451,241

SHIELDED VOLUME CONTROL AND SWITCH

Ernest W. Rosentreter, De Witt, N. Y., assignor to General Electric Company, a corporation of New York

Application November 21, 1946, Serial No. 711,343
6 Claims. (Cl. 201—48)



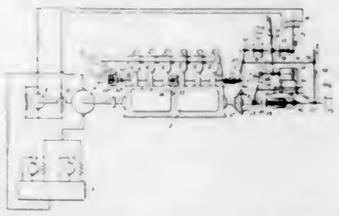
1. A variable resistance comprising a rotatable member and a substantially parallel stationary member, an annular resistance element attached to one of said members and a cooperating contact slider attached to the other of said members for contacting different portions of said resistance element in accordance with the relative rotational positions of said members, a conductive shield member attached to said rotatable member for rotation therewith, a stationary resilient switch member for normally making electrical contact with said shield member, a limited area of insulation interposed in the path of contact of said switch member and arranged to be contacted thereby to break said circuit at a predetermined rotational position of said rotatable member.

2,451,242

ELECTRIC GENERATING PLANT FOR THE DRIVE OF VEHICLES

Oskar Schläpfer, Winterthur, Switzerland, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland

Application October 2, 1945, Serial No. 619,797
In Switzerland January 15, 1945
7 Claims. (Cl. 290—40)



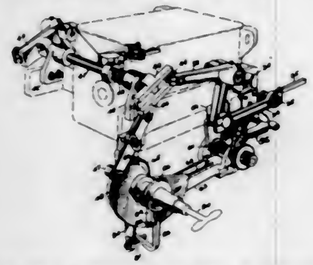
1. An electric generating plant for vehicle propulsion including an internal combustion engine, an electric generator driven by said engine, and an automatic regulating device that includes a speed governor driven by said engine, a control device influenced by said governor, a fuel regulator controlling the admission of fuel to said engine and influenced by said control device in the region of higher engine speeds only to admit a definite amount of fuel for each speed in that region, a field current regulator controlling the field current of said generator and influenced by said control device in the region of lower engine speeds only to provide a definite field current for each speed in that region, and output adjusting means that include a device for setting said governor to the desired speed and means for regulating the range of influence of said control device over said fuel regulator, said governor-setting-device and said influence-range-regulating means being adjusted in common by manipulation of said output adjusting means.

2,451,243

TRAVERSE MOTION

Otto W. Schlums, Whitinsville, Mass., assignor to Whitin Machine Works, Whitinsville, Mass., a corporation of Massachusetts

Application April 24, 1945, Serial No. 589,965
3 Claims. (Cl. 242—43)



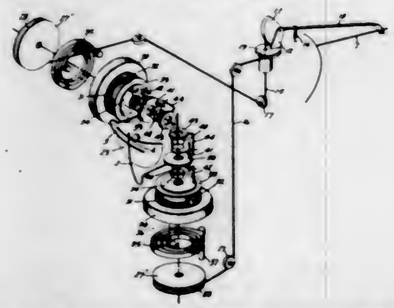
1. In a yarn traverse motion, a traverse rod, a traverse block having a fixed straight-line reciprocating motion, a lever mounted on said block and connected to said rod, a guide-block for said lever, a cam controlling the angular setting of said guide-block, means including a gear for feeding said cam progressively as the winding of the yarn package proceeds, and said gear having certain teeth omitted and being thereby rendered effective to stop the feed of the cam at a predetermined point.

2,451,244

GLIDER TOW INDICATOR

Carl F. Scott, Milford, George Carlson, Trumbull, and Edward H. Rugg, Bridgeport, Conn., assignors to General Electric Company, a corporation of New York

Application March 22, 1945, Serial No. 584,210
11 Claims. (Cl. 33—1)



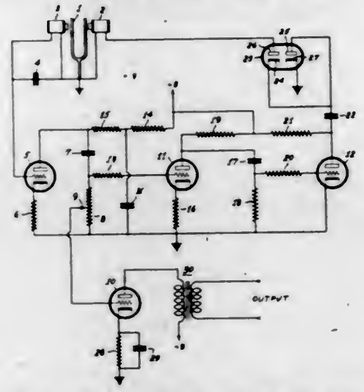
1. A tow rope indicator for aircraft comprising, in combination, a member adapted to engage a tow rope and respond to horizontal and vertical deflections of an aircraft with respect to a tow rope, indicating means including two pointers, means interconnecting said member with said pointers whereby said pointers indicate vertical and lateral variations in position of an aircraft with respect to a tow rope, and a separate means associated with each of said pointers for adjusting the pointers to zero position in accordance with the desired position of an aircraft with respect to a tow rope.

2,451,245

LOW FREQUENCY OSCILLATOR

Eugene R. Shenk, Brooklyn, and Alfred Kahn, Queens Village, N. Y., assignors to Radio Corporation of America, a corporation of Delaware

Application March 23, 1944, Serial No. 527,756
11 Claims. (Cl. 250—36)



1. In a low frequency oscillation generator wherein the frequency is controlled by a mechanical vibrator, a system of electron discharge devices including an amplifier stage, two limiter stages and a full wave rectifier stage, magnetic driving and pick-up means associated with said vibrator, the input circuit of said amplifier stage being subject to control by potentials induced in said pick-up means, capacitors each intercoupling the output and input circuits of successive stages, resistive impedances in circuit with each said capacitor, one of said capacitors being connected between the anode of the second limiter stage and certain electrodes of said rectifier stage, this particular capacitor in combination with one of said impedances forming a time constant circuit the charging time of which is limited to a minor fraction of a cycle of the oscillations to be generated, and this capacitor being arranged to discharge rapidly through a circuit which includes the space path of said second limiter stage, one portion of said rectifier stage, and said magnetic driving means, and a circuit for feeding unilateral pulses of the other polarity from the rectifier means to ground.

2,451,246

TOOL BIT AND HOLDER THEREFOR

Henry M. Sheridan, Erie, Pa., assignor to Apex Tool & Cutter Company, Shelton, Conn., a corporation of Connecticut

Application June 1, 1945, Serial No. 597,077
2 Claims. (Cl. 29—96)

1. A tool holder comprising a shank having an extended portion providing a flat seat with a terminal wall extending in a single plane from said seat, said plane being inclined rearwardly from the plane of the seat and also extending diagonally across said seat, a bit clamp mounted over said seat having a rear wall snugly embracing and conforming to said terminal wall and



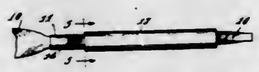
having an open sided bit receiving recess therein extending inwardly in the direction of said diagonal wall and forming in combination with said seat a bit pocket having a top, bottom, inner end and side wall, and means for forcing said clamp towards said seat.

2,451,247

ADJUSTABLE LOCKING SHOE LACE TIP

Herman Sims, Brooklyn, N. Y.

Application July 29, 1944, Serial No. 547,185
1 Claim. (Cl. 24—117)



A shoe lace having adjustable locking telescopic tips on the ends thereof for fastening the lace with varying degrees of tightness in the shoe of a wearer without tying a knot in the lace, one of said tips being hollow and adapted to telescope the other tip to enable the latter to be slid therein a varying distance, the inner surface of the larger tip and the outer surface of the smaller tip comprising complemental serrated strips extending longitudinally along the tips releasably to lock the ends together in overlapping relation when one of the tips is rotated relative to the other, said serrated strips comprising positive locking means for holding the ends interlocked against the tension exerted on the lace when the shoe is worn, said complemental serrated strips extending a sufficient distance relative to each other to enable them to be thus interlocked in a plurality of overlapped positions of the tips to adjust the tension of the lace in the shoe, at least one of said tips being sufficiently small in cross-section to enable it to pass through the eyelets of the shoe.

2,451,248

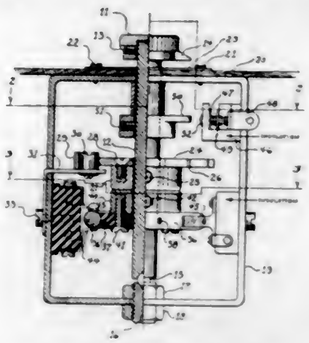
PHONOGRAPH-RADIO SWITCH

Joseph L. Slatin, Berwyn, Ill.

Application June 14, 1945, Serial No. 599,370
8 Claims. (Cl. 200—11)

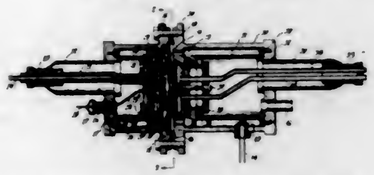
6. In a single pole triple throw switch comprising a rotatable shaft and a ratchet wheel operatively associated with said shaft and a catch arm adapted to engage said ratchet wheel thus rotating said shaft, the combination of a contact ring having a plurality of equally spaced notches disposed on its circumference, a positive brush having resilient prongs engaging and resting in the aforesaid notches on said contact ring to transfer current into said contact ring and to cause the contact ring to stop in a definite and proper position, brushes to contact said contact ring to distribute current away from said contact

ring, a cam means carried by said shaft, and electrical contacts, said cam means having portions thereof adapted to engage and disengage portions



of said contacts at predetermined times, thereby respectively to change the relative relationship of said contacts.

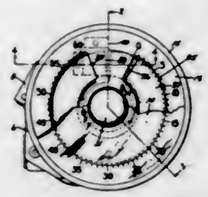
2,451,249
ELECTRON DISCHARGE DEVICE FOR ULTRA HIGH FREQUENCIES
Philip T. Smith and Howard R. Hegbar, Princeton, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application March 18, 1943, Serial No. 479,550
17 Claims. (Cl. 315—6)



1. An electron discharge device having a cathode and an oppositely disposed anode, a conducting partition positioned between said cathode and said anode and including a grid, a resonator coupled between said partition and cathode, and a second resonator coupled between said partition and anode, said cathode having emitting and substantially non-emitting areas, the grid portion of said partition being provided with apertures registering with said emitting areas and said partition having another aperture providing a passageway between said resonators for providing electromagnetic coupling, said grid having another aperture to provide anode-cathode capacity feedback coupling, said last aperture registering with a non-emitting portion of said cathode.

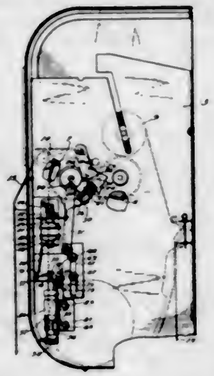
2,451,250
ELAPSED TIME INDICATOR
Hans Springer, Ashland, Mass., assignor to Telechron, Inc., a corporation of Maine
Application November 22, 1946, Serial No. 711,682
5 Claims. (Cl. 161—23)

1. An elapsed time indicator comprising a timer motor, a rotary shaft, a driving connection between said motor and shaft including a slip friction clutch and a mutilated gear through which said shaft may be driven in one direction an amount limited to less than one complete revolution by reason of the mutilated gear, manual means for turning said shaft in either direction, such manual turning being permitted when the shaft is in driving relation with the timer motor by reason of the slipping of said clutch, an alarm, a cam on said shaft, a cam follower bearing against said cam for controlling the operation of said alarm, an indicator on said shaft, a graduated time dial on which said indicator indicates to show the rotary position of said shaft, the cam surface of said cam having a long raised surface, a short depressed surface, and a short raised surface extending about the cam in the order named in the direction opposite to that in which the cam is adapted to be driven by the timer motor, and a stop projection on the cam between the long and



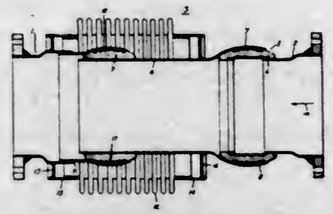
short raised surfaces which prevents movement of such stop projection past the cam follower in either direction, said timer motor being in driving connection with said rotary shaft only when the cam follower is resting on the long raised portion of said cam, said indicator indicating at the zero end of said scale when the cam follower is in the short depressed portion of said cam and at the other end of the graduated scale when the cam follower is on the long raised portion of said cam and adjacent the stop projection and said cam follower permitting the alarm to sound only when in the short depressed portion of said cam.

2,451,251
TOWEL DISPENSING DEVICE
Frank G. Steiner, Miami Beach, Fla., and Rudolph G. Birr, Lombard, Ill., assignors, by mesne assignments, to American Linen Supply Co., Carson City, Nev., a corporation of Nevada
Application July 14, 1944, Serial No. 544,920
11 Claims. (Cl. 271—2.3)



1. A dispenser for sheet material having a stop mechanism operable through force applied to a dispensing means, to assume stopping position and then be promptly automatically released when the application of dispensing force ceases, timing means adapted during timing action to prevent automatic release of the stop mechanism, and means to initiate timing action of said timing means, after a plurality of forced operations and automatic releases of said stop mechanism.

2,451,252
FLEXIBLE CONDUIT JOINT
Eugene E. Stoeckly, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application February 1, 1945, Serial No. 575,621
4 Claims. (Cl. 285—90)



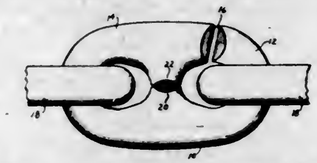
1. In a sealed flexible joint for a conduit adapted to carry fluid at a pressure different from ambient pressure, the combination of a first and a second conduit, an intermediate conduit, a combined ball and slip joint between one end of the intermediate conduit and the first conduit, a ball joint between the other end of the intermediate conduit and the second conduit, both of said joints having clearance spaces forming leakage paths, a bellows surrounding and spaced from the ball and slip joint, and means sealing the ends of the bellows to the first conduit and to the intermediate conduit respectively, whereby leakage through the ball and slip joint produces a biasing force between the second conduit and the intermediate conduit to minimize the clearance spaces between the parts of the ball joint.

2,451,253
METHOD OF MAKING CHAIN LINKS
Henry St. Pierre, Worcester, Mass.
Application October 14, 1943, Serial No. 506,232
2 Claims. (Cl. 59—12)



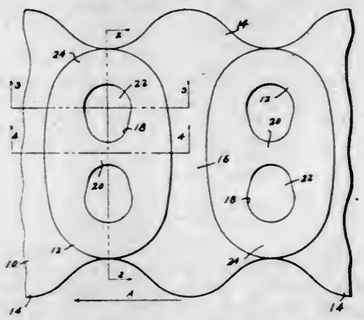
1. The method of forging a chain link from a block of metal having a substantially straight flow line formation, including the step of upsetting the block in a direction parallel to said flow line formation and thereafter forging the link from the upset block.

2,451,254
CHAIN LINK
Henry St. Pierre, Worcester, Mass.
Application May 18, 1944, Serial No. 536,084
5 Claims. (Cl. 59—84)



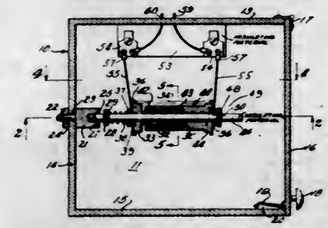
1. A one-piece chain link having a solid side and a single split in the other side, spaced plain ends defining the split side and being located adjacent an end of the link, and means forming a stud centrally of the link removed from the split.

2,451,255
CHAIN LINK AND METHOD OF MAKING SAME
Henry St. Pierre, Worcester, Mass.
Application May 7, 1945, Serial No. 592,303
3 Claims. (Cl. 59—35)



1. Process of making chain links of generally ellipsoidal form by embossing a series of link blanks in a length of steel in a manner to position the blanks generally transverse of the rolled length of steel, so that the grain of the steel will be transverse of the blanks, hot forging each blank to final link form, and separating.

2,451,256
FILM SPOOL SWITCH
Howard L. Strickland, Clinton, S. C.
Application March 12, 1947, Serial No. 734,076
2 Claims. (Cl. 200—52)



1. An electrical circuit closing switch for use in connection with a film having a notch in its longitudinal edge, said switch comprising a rotatable spool, said spool including electrical conducting axially arranged rollers having flanges

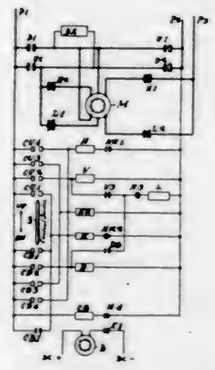
at their outer ends, the film being arranged between the flanges, said rollers including inner and outer sleeves disposed axially inwardly of the flanges and telescoping, the sleeves being radially insulated, the free end of the inner sleeve engaging the companion roller at the closed end of the outer sleeve for closing the circuit, a spring to effect a relative axial movement between the rollers when the flange of one roller enters the notch in the film, and elements having permanent electrical contact with the rollers.

2,451,257

HOISTING MOTOR CONTROL SYSTEM

Ernest B. Thurston, Toledo, Ohio, assignor to The Haughton Elevator Company, Toledo, Ohio, a corporation of Ohio

Application April 4, 1944, Serial No. 529,457
8 Claims. (Cl. 318—258)



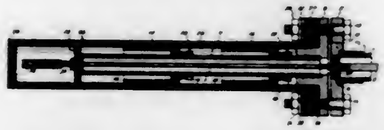
1. In a hoist device, a hoist motor of the multi-speed alternating current type having a plurality of stator windings with different synchronous speeds and a drooping characteristic in its low speed, an eddy current brake, and a control switch having at least 4 positions through which it is movable in succession from off position to and from high speed position, such positions being, in the order named, an off position, a position in which the brake and the low speed of the motor are energized, a position in which the low speed of the motor is energized and the brake is de-energized, and a position in which the high speed of the motor is energized and the brake remains de-energized.

2,451,258

SEALED ANTENNA

Bertram Trevor, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application December 1, 1943, Serial No. 512,441
2 Claims. (Cl. 250—33)
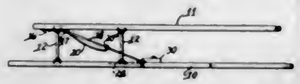


1. An antenna system including a section of coaxial line including an outer shell and in inner conductor, said inner conductor extending from one end of said outer shell a distance equal to approximately one quarter of the operating wave length, the other end of said outer shell bearing a coupling flange for hermetic connection to a further coaxial transmission line, a tubular insulating casing closed at one end and carrying a coupling flange at the other end, and coaxially arranged with respect to said outer shell, said outer shell and inner conductor being maintained in coaxial relationship by insulating spacing washers, said spacing washers having perforations therein to permit the flow of a fluid from said further coaxial line between said outer shell and said inner conductor and between said outer shell and said casing, and means for clamping the coupling flange of said casing in a fluid-tight relationship to the coupling flange of said outer shell.

2,451,259

SLEEVE BOARD HAVING A LOWERED INOPERATIVE POSITION AND HAVING A RAISED AND LOCKED OPERATIVE POSITION

Max Tronic, Worcester, Mass.

Application March 9, 1946, Serial No. 653,323
1 Claim. (Cl. 38—114)



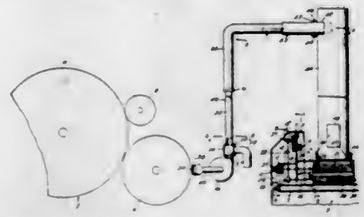
A folding sleeve board comprising a base, a top, links spaced longitudinally of said board and each pivotally connected to both the base and the top, a brace rod pivoted to said top and having a down-turned lower end, said base having a longitudinal groove formed in its upper surface which retains and guides said down-turned brace end, and said base having a vertical locking recess formed therein at the end of said groove which receives and holds said brace end, a coil spring centered on a transverse pivotal part of said brace rod and having an extended arm hooked over said brace rod and effective to hold said brace rod with its down-turned end continually pressed into said groove or recess, and an undercut locking member pivotally secured to said base and manually rotatable to engage and hold said down-turned end in said recess and to thereby lock said top in raised ironing position.

2,451,260

INTERMEDIATE FEED FOR CARDING MACHINES

William G. Tucker, Ludlow, Vt.

Application June 7, 1945, Serial No. 598,103
2 Claims. (Cl. 19—105)



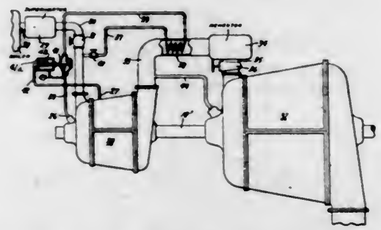
2. The combination with the doffer cylinder of a carding machine, and traverse mechanism of a second carding machine including a pair of feed rolls movable back and forth across the second machine, of an intermediate feed for transferring carded staple from said doffer cylinder to said feed rolls comprising a stationary suction and blower fan, a suction nozzle directly opposed to said doffer cylinder and connected to the suction side of said fan, a tubular drop upstanding from said traverse mechanism over said feed rolls and movable by said mechanism to follow said pair of rolls, and means establishing communication between the blower side of said fan and the upper end portion of said drop while said drop follows said pair of rolls including pipe sections rotatable and slidable one on another, one of said sections having a valved discharge line branching therefrom for by-passing carded staple out of the same directly at said fan.

2,451,261

HIGH AND LOW PRESSURE TURBINE ROTOR COOLING ARRANGEMENT

Glenn B. Warren and Arthur R. Smith, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application October 29, 1946, Serial No. 706,310
3 Claims. (Cl. 60—64)



3. In an elastic fluid turbine powerplant, the combination of a high pressure turbine and a low pressure turbine each having a casing with an operating medium inlet port and an exhaust port and a cooling fluid inlet port, a cross-over conduit connecting the exhaust port of the high pressure turbine with the inlet port of the low pressure turbine, a reheater in said cross-over conduit, and second conduit means for supplying comparatively low temperature fluid to the cooling fluid inlet of the low pressure turbine from said cross-over conduit between the reheater and the exhaust port of the high pressure turbine.

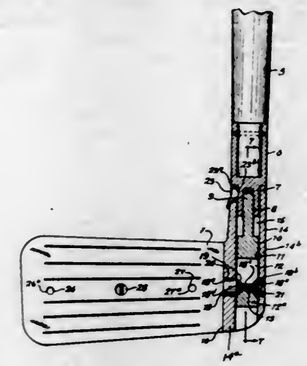
2,451,262

ADJUSTABLE GOLF CLUB

William B. Watkins, Norfolk, Va.

Application April 4, 1945, Serial No. 586,497
2 Claims. (Cl. 273—79)

2. A golf club which includes a handle shaft, a ferrule on one end of said handle shaft, an internally screw threaded boss projecting axially from the ferrule, a housing rotatably mounted on the boss, a bolt slidable longitudinally in said housing, said bolt having a longitudinal elongated slot extending therethrough, the housing having an opening in one side wall communicating with the slot in the bolt, a blade, a stud extending axially from one end of the blade, said stud entering the opening in the housing and extending through the slot in the bolt, peripheral teeth on the stud, teeth on one end wall of the slot for cooperation with the teeth on the stud in holding the blade against turning movement relative to the housing and a threaded shank on the bolt threadedly engaged in the threaded boss whereby when the handle shaft is rotated relative to the housing the bolt will be moved to engage or disengage the teeth thereon with those of the stud and a latch releasably to lock the shaft against turning movement relative to the housing.

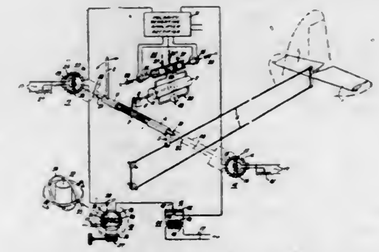


2,451,263

POWER BOOST CONTROL SYSTEM

Donald R. Webb, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application July 3, 1947, Serial No. 758,791
17 Claims. (Cl. 121—41)



2. A control system comprising a control device, a servomotor, an elastic link interconnecting said servomotor and a load to be actuated, means responsive to movement of said control device for producing a first control signal voltage, means responsive to deformation of said elastic link for producing a second control signal voltage, means for algebraically adding said first and second control voltages to produce a resultant voltage and means for controlling said servomotor in accordance with said resultant voltage.

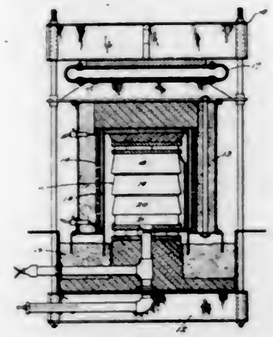
13. In a control system for operating a control surface of an aircraft, a servomotor, an elastic linkage interconnecting said control surface and said servomotor, a first electric signal generator adapted to be actuated by a gyroscope, a second electric signal generator arranged to be actuated in accordance with the elastic deformation of said linkage when force is transmitted thereby between said control surface and said servomotor, and an electric-responsive device responsive to the differential output of said signal generators for controlling said servomotor.

2,451,264

METHOD OF APPLYING POWDERED METAL BRIQUETTES TO CURVED METALLIC SURFACES

Samuel K. Wellman, Cleveland Heights, Ohio, assignor to The S. K. Wellman Company, Cleveland, Ohio, a corporation of Ohio

Original application September 13, 1943, Serial No. 502,226. Divided and this application March 14, 1945, Serial No. 582,756
2 Claims. (Cl. 29—152.2)



1. A method of attaching brake liners to the surface of the flange of a brake drum which comprises forming powdered metal into flat briquets, sintering and bonding each briquet to a thin sheet steel reinforcing member, curving the sintered and reinforced briquets to a shape conforming to the curvature of the surface of the flange, placing said briquets adjacent said surface with each powdered metal briquet disposed between the surface of the flange and its steel reinforcing member, applying opposed pressures to opposite sides of said briquets and flange while simultaneously heating said drum and briquets to the sintering temperature of the latter for bonding said briquets to the surface of the flange and then removing said thin steel reinforcing members from the briquets.

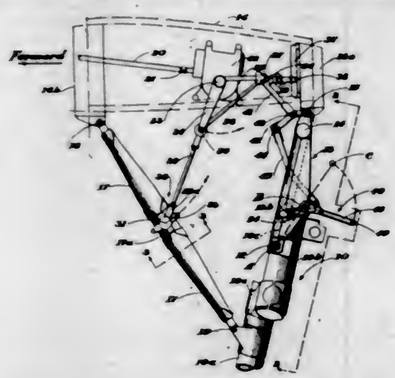
2,451,265

AIRCRAFT LANDING GEAR LOCK

John E. Wescott, Hagerstown, Md., assignor to Fairchild Engine and Airplane Corporation, a corporation of Maryland

Application July 17, 1945, Serial No. 605,523
9 Claims. (Cl. 244—102)

3. In an aircraft landing gear strut, the combination of pivotally connected strut members adapted when aligned to assist in the support of said aircraft, one of said strut members extending to a terminal longitudinally displaced from said pivotal connection to the other said strut member, a locking device comprising pivotally connected links of equal length each pivotally mounted respectively on one of said strut members on the same transverse axis in the region of said extended strut member terminal with their pivotal axes in alignment when the said strut members are aligned, and means for moving the said links to displace the axis of their pivotal interconnection thereof from the plane defined by the axis of pivotal interconnection of the said strut members and the pivotal connection of the remaining link terminals thereto for the locking of the strut members, and for placing the axis of their pivotal interconnection in the same said plane but remote from the axis



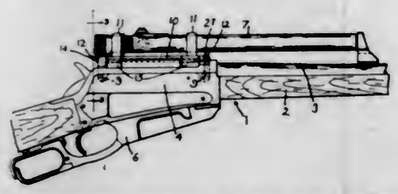
of pivotal interconnection of said strut members for the unlocking of said strut members.

2,451,266

TELESCOPE SIGHT MOUNT FOR SHOULDER ARMS

Leslie E. Whittemore, Dorchester, Mass.

Application June 20, 1945, Serial No. 600,479
3 Claims. (Cl. 42—1)



1. A top ejecting breech loading fire arm having a barrel, a receiver open at the top for the ejection of empty shells, a reciprocating bolt, a telescope holding member having means to support a telescope sight and provided with an elongated hub portion, means pivotally connecting said hub portion to the receiver to turn about an axis parallel to the barrel, said hub portion having a cam groove which has a length no less than the distance the bolt travels in either direction, and a finger carried by the bolt and confined and operating in said groove whereby movement of the bolt in either direction operates through said finger and groove to turn the telescope holding member positively about its axis.

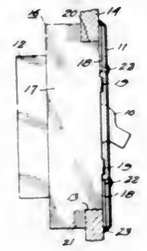
2,451,267

LOCKING SPIDER FOR WALL SWITCHES AND THE LIKE

James W. S. Wilder, Levelland, Tex.

Application April 21, 1947, Serial No. 742,771
3 Claims. (Cl. 174—48)

1. A locking spider for wall switch or outlet boxes and the like comprising a flat plate engageable with a side of the outlet box, said plate having end notches engageable with the wall material beyond the ends of the box and the opening provided therefor in the wall; lateral ears extending from the front edge at the ends of the flat plate engageable with the front surface of the wall material and for holding the back edge of the notch in engagement with the inner surface of the wall material; and an outwardly extending



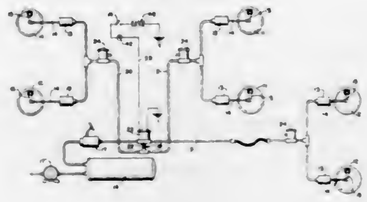
lug on the front edge of the plate bendable inwardly over the outer edge of the outlet box.

2,451,268

FINGER-TIP CONTROL FOR TRACTOR-TRAILER AIR BRAKE SYSTEMS

Theodore H. Affleck, North Hollywood, Calif., assignor, by mesne assignments, to William A. Cooke, Hollywood, Calif.

Application May 13, 1944, Serial No. 535,520
13 Claims. (Cl. 188—3)



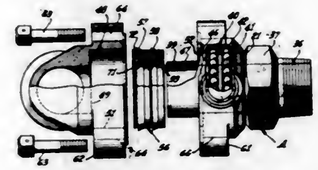
1. In an air brake system for a vehicle and trailer having vehicle brake actuating means and trailer brake actuating means adapted to be actuated by air, the combination of: a source of air supply; air valve means for controlling the flow of air from said supply; first conduit means for conducting air from said valve means to said vehicle brake actuating means; second conduit means for conducting air from said valve means to said trailer brake actuating means; a magnetic valve in said first conduit means comprising an inlet port and an outlet port through which the air passes, a closure for said inlet port to prevent a flow of air therethrough, means to normally hold said closure in its open position, an armature connected to said closure, and an electric coil to move said armature in a direction to close said closure; a support projecting from the steering post of the vehicle; electric circuit means having therein said coil and a source of electric current; and switch means at the outer end of said support for closing said circuit so as to energize said coil whereby said closure will be moved into closed position so as to prevent a flow of air through said first conduit to said vehicle brake actuating means so that the operation of said air valve means will result only in the operation of said trailer brake actuating means or whereby air may be trapped in said first conduit means to lock said vehicle brake actuating means in applied condition.

2,451,269

FLEXIBLE TUBING JOINT

Frank M. Allen, Azusa, and Robert E. Snyder, Pasadena, Calif., assignors to The All-Flex Corporation, Los Angeles, Calif., a corporation of California

Application September 22, 1944, Serial No. 555,278
11 Claims. (Cl. 285—97.3)



1. A flexible joint for interconnecting a pair of tubes, comprising a tubular female joint section affixed to one of said tubes and a tubular male joint section revolubly fitted thereinto and affixed to the other of said tubes, bearing means interconnecting said joint sections for relative rotary motion and restraining them against relative axial motion, said sections having an interstice therebetween and at least one of said joint sections having a relieved portion defining an annular recess of predetermined fixed size from which said interstice leads to the exterior of said joint, packing within said recess making fluid-sealing engagement with both of said joint sections, one of said joint sections comprising two portions separable to give access to said packing recess, and means releasably interconnecting said separable portions comprising cooperating flanges on said separable portions, and quickly releasable means rigidly interconnecting said flanges.

2,451,270

PRINTING WITH VAT COLORS

Chester Albert Amick and Roy Herman Kienle, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application July 31, 1944, Serial No. 547,512
6 Claims. (Cl. 8—70)

1. A color composition comprising essentially a vat-dye, a quinonyl monoamide of a dicarboxylic acid, the quinonyl radical being selected from the group consisting of the beta-naphthaquinonyl and alpha- and beta-anthraquinonyl radicals, and a urea.

2,451,271

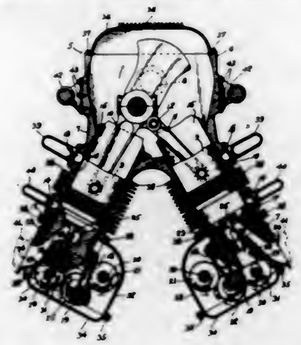
V-TYPE INTERNAL-COMBUSTION ENGINE

George L. Balster, Seward, Nebr.

Application August 18, 1945, Serial No. 611,340
1 Claim. (Cl. 123—55)

An internal combustion engine of inverted V-type design comprising a crankcase open at its top, a cover removably secured to the crankcase over the opening therein, a crank-shaft journalled in the crankcase, radially and downwardly disposed cylinders on the crankcase and having longitudinally spaced ports of different areas therein, the larger ones being disposed at points above the heads of pistons in the cylinders when at the limit of their working strokes and the smaller ones being at points above the piston heads when at the limit of their scavenger strokes, sleeve-valves slidably disposed in the cylinders and having main and scavenger exhaust ports aligned with the ports in the cylinders, plugs having their inner portions disposed in the

lower ends of the cylinders in spaced relation to the walls thereof and surrounded by outer portions of the sleeve-valves, said plugs having fuel inlet ports therein leading from their outer sides to the center of their inner ends, piston rings surrounding the inner ends of the plugs and bearing against the inner walls of the sleeve-valves, poppet-valves including stems disposed over the inner ends of the inlet ports with their stems slidably extending into enlarged recesses in the outer surfaces of the plugs, cushioning means disposed in the recesses of the plugs and bearing against the outer ends of the valve-stem,



connecting rods securing the pistons to the crank-shaft, counter-shafts journalled on one side of the plugs, cam-shafts journalled on the plugs over the cushioning means of the poppet-valves, cams on the counter-shafts and bearing on said cushioning means, crank-shafts mounted on the plugs between the cam-shafts and counter-shafts, links connecting said last mentioned crank-shafts to the outer ends of the sleeve valve, casings enclosing the aforesaid elements on the outer ends of the cylinders, and caps removably secured over openings in said casings.

2,451,272

ACTIVATION OF ANION EXCHANGERS IN SUGAR PURIFICATION

William A. Blann, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application October 27, 1945, Serial No. 625,101

3 Claims. (Cl. 127—46)

1. In a process which comprises removing anions from an aqueous solution containing a sugar by passing said solution through an anion active resin until said resin no longer removes ions to the desired degree, the steps which include thereafter contacting said resin with an aqueous solution containing about 0.1–20% of a strong acid selected from the group consisting of hydrochloric acid and sulfuric acid and regenerating said resin with an alkaline substance.

2,451,273

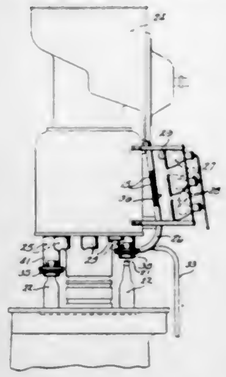
METHOD OF APPLYING BOTTLE CAPS

Elvin M. Bright, Whitefish Bay, Wis., assignor to Bright Laboratories, Inc., Whitefish Bay, Wis., a corporation of Wisconsin

Application January 8, 1943, Serial No. 471,782

2 Claims. (Cl. 226—86)

1. The method of sealing a bottle having a bead adjacent its mouth with a cap blank having a disk and an annular flange providing a cavity at one side of said disk, said cap blank being prefabricated from thermoplastic molding material, said method including the steps of inserting a sealing gasket within the cap blank so as to cover the exposed inner surface of the disk, exposing the margin of the flange of said blank to radiant heat directed toward said margin while protecting the top of said blank from heat by the sealing gasket of thermally insulating material positioned in the cavity of the blank, continuing the applica-



tion of radiant heat to the blank flange until the marginal portions of such flange are softened, the top of the blank remaining unsoftened, applying the blank to the mouth of the bottle to be sealed, pressing the top portion of the blank toward the bottle mouth sufficiently to compress the gasket to seal the bottle mouth, and molding about the bead of the bottle the softened marginal portions of the blank while maintaining the sealing pressure on the gasket.

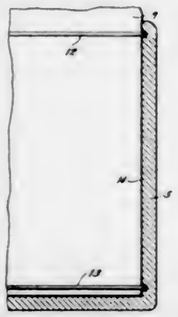
2,451,274

HANDBAG CASING STRUCTURE

Lorena B. Carder, Orlando, Fla.

Application November 7, 1946, Serial No. 708,252

2 Claims. (Cl. 150—28)



1. A holder for handbags comprising a rigid container of transparent material, a handbag of flexible material, positioned in the container, and expanding means in the handbag securing the sides of the bag to the inner walls of the container, said container having an open top and said handbag including carrying means extending outwardly of the top of the container for carrying the container and handbag as a unit.

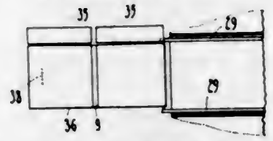
2,451,275

TABLE ASSEMBLY FOR AUTOMOBILES

John M. Cercownay, Fort Lauderdale, Fla.

Application January 30, 1947, Serial No. 725,295

3 Claims. (Cl. 311—21)



2. The combination with a storage compartment, of a pair of laterally-spaced guide rail channels arranged therein, a pair of complementary shafts slideable in said channels, a main panel carried by said shafts and movable therewith for withdrawal from said compartment, a pair of guide shoes secured to said panel and adapted to slideably engage said channels in movement therealong, flanges formed on said shoes, limit stops formed on said channels and engageable by said flanges to limit the movement of said panel in withdrawal from said compartment, a shelf panel pivoted to said main panel along the side edge thereof and foldable thereover, means to support said shelf panel at the outer end thereof, a cover panel pivotably connected to said main panel endwise thereof, a link panel interposed intermediate said cover and said main panels, means carried by said cover and main panels and co-operating with said link panel to rigidly support said panels in substantially a common plane when in extended position, said guide rail channels having upwardly inclined terminal portions at the outer ends thereof to effect the elevation of said main panel upon withdrawal thereof from said compartment and said terminal portions being hingeably connected to said channels to permit the pivotable retraction thereof in relation to said channels.

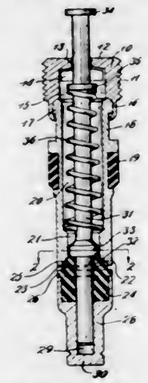
2,451,276

VALVE INSIDES

John C. Crowley, Cleveland Heights, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application April 27, 1944, Serial No. 532,963

4 Claims. (Cl. 251—27)



1. A valve insides or core comprising a barrel having at one end a conical valve seat, a valve pin movable through said barrel, and a valve member formed of rubber-like material mounted on said pin and having at one end a conical portion adapted to engage said seat, said valve member having a central opening therein extending from the small end of said conical portion inwardly of the member and which opening increases in diameter from its inner end toward the small end of said conical portion with its minimum diameter substantially equal to the external diameter of said pin, said pin extending into said opening with clearance normally existing between it and said conical portion of said member thus increasing the flexibility of said portion, said portion having a degree of taper so related to the degree of taper of the valve seat that it has a small area contact with said seat in low pressure installations of said insides or core and a large surface area contact with said seat in high pressure installations of said insides or core, at which latter time said conical portion of the valve member is flexed into contact with said valve pin substantially throughout the length of said opening.

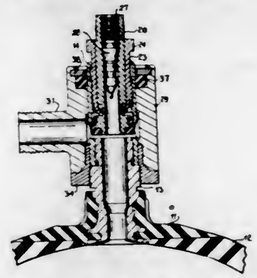
2,451,277

VALVE STEM AND VALVE

John C. Crowley, Willoughby, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application March 18, 1946, Serial No. 655,085

6 Claims. (Cl. 152—415)



1. A device of the character described comprising, a tubular stem means having a passageway extending longitudinally therethrough and an opening extending through the wall thereof and communicating with the passageway, means on the inner end of said stem means for connection thereof to an inflatable article with the passageway therethrough in communication with the interior of said article, a tubular member extending into the outer end of the passageway through said stem means and movable longitudinally therein, sealing means on a portion of the exterior surface of said tubular member within said stem means, a sleeve member surrounding a portion of said tubular member and extending into the outer end of the passageway in said stem means, means on the outer end of said sleeve member for rotating it, and means interconnecting said stem means, sleeve and tubular member so constructed and arranged that rotation of the sleeve produces longitudinal movement of the tubular member within the stem means to selectively seal and unseal the opening in the stem means.

2,451,278

CABIN PRESSURE REGULATOR VALVE

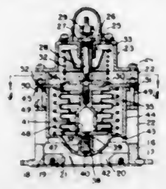
Harold Cruzan, Los Angeles, Calif.

Application July 12, 1944, Serial No. 544,599

13 Claims. (Cl. 98—1.5)

6. In mechanism for controlling and maintaining pressure within a cabin having an outlet port for connecting the cabin interior with the exteri-

or: a valve member in movable relation to said port externally thereof; yielding means urging the valve toward closed position and yielding to permit the valve to open under pressure of air on the port side thereof; and pressure responsive means directly connected to said valve member



independently of said yielding means and disposed externally of said cabin and responding to variations in pressure of the air outside of said cabin for varying the position of said valve relative to said port as the pressure of air outside said cabin varies.

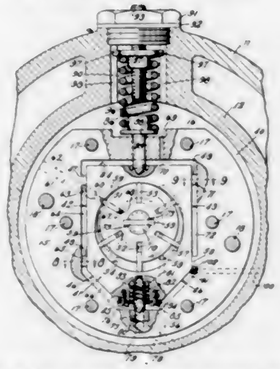
2,451,279

VARIABLE CAPACITY VANE PUMP FOR OIL BURNERS

Warren H. De Lancey, Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass., a corporation of Massachusetts

Application August 4, 1944, Serial No. 548,021

3 Claims. (Cl. 103—120)



1. A variable capacity pump, comprising, a casing having a cylinder formed by a peripheral wall and two parallel end walls, a pump stator slidably mounted in said cylinder and engaged with said end walls, said stator having a cylindrical opening therethrough, a cylindrical rotor mounted in said opening, the end faces of said rotor being rotatably engaged one with each of said end walls, vanes movably mounted in the rotor and contacting the periphery of said opening, a drive shaft extending through one end wall into said opening and fixed to said rotor, a spring for moving said stator in said cylinder in one direction and tending to hold the stator in a position such that said opening and rotor are in eccentric relation, said stator having top, bottom and two side walls and the peripheral wall of the cylinder including top, bottom and two side walls each spaced from the corresponding wall of the stator, and inlet and outlet ports in said opening located one near one side wall and one near the opposite side wall of the stator, means for admitting liquid under inlet pressure to the space between the top walls and the space between the side walls adjacent the inlet port, means for admitting liquid under outlet pressure to the space between the other pair of side walls and to the space between the bottom walls, means preventing communication from the space between the top walls to the space between the side walls adjacent the outlet port, and means preventing communication from the space between the bottom walls and the space between the side walls adjacent the inlet port.

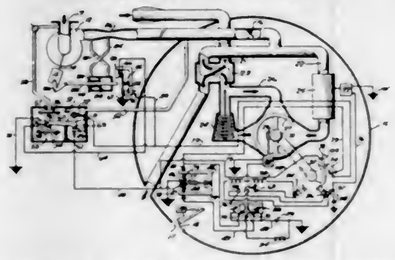
2,451,280

CONTROL SYSTEM

Bruce E. Del Mar, Los Angeles, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif.

Application June 10, 1946, Serial No. 675,795

18 Claims. (Cl. 257—3)



9. In an aircraft having a cabin adapted to be pressurized: an air compressor; a duct leading from said compressor, said duct being formed with a plurality of branches leading to said cabin; an expansion turbine in one of said branches; a normally inoperative heating means in another of said branches; a valve for selectively directing air through said branches; temperature responsive means for actuating said valve to direct air through one or the other of said branches depending upon the temperature of the air within the cabin; and means for rendering said heating means operative upon movement of said valve to a position in which air is directed through the branch containing said heating means.

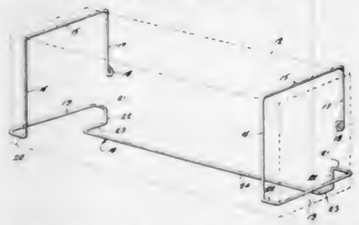
2,451,281

RETAINER AND DISPENSER FOR SANITARY TISSUES

Henry L. Elfner, Indianapolis, Ind., assignor of one-half to Emil H. Stein, Marion County, Ind.

Application March 29, 1946, Serial No. 658,043

4 Claims. (Cl. 248—311)



4. A universally adaptable retainer or holder for sanitary tissues, comprising a single strand of wire bent to provide a bottom portion formed of the intermediate portion of the strand and corresponding end portions forming the front, sides, top and rear portions of the retainer or holder, and means associated with said rear portions for attaching the retainer to a supporting surface.

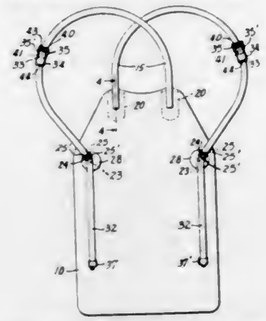
2,451,282

X-RAY PROTECTIVE DEVICE

Adolph H. Feibel, Cincinnati, Ohio, assignor to The Kelley-Koett Manufacturing Co., Inc., Covington, Ky., a corporation of Ohio

Application December 16, 1943, Serial No. 514,473

15 Claims. (Cl. 250—108)



5. An X-ray protective apron comprising a body portion composed of a flexible material resistant to X-ray penetration, straps for supporting said apron from the shoulders of the operator, each strap having one end thereof connected adjacent one side of the upper end of the apron, a strap supporting loop member connected adjacent each side of the apron, each of said attached straps passing across the other and being looped through the supporting loop member at the opposite edge of the body whereby the straps cross the operator's back diagonally when in use, adjustable means carried by the end of each of the straps beyond the looped portion which is doubled through the supporting loop member therefor, and having means constructed for adjustably receiving the main portion of the strap and cooperating means for holding the main portion and said end portion of the strap in adjusted position to fit the body of the operator, a clasp member slidably mounted within the doubled portion of each of said straps said clasp members being constructed for cooperative connection to hold the doubled ends of the two straps together in substantially horizontal position across the back of the operator, and each clasp member being constructed to provide stop means for cooperating with a stop portion of the cooperating loop member for preventing the doubled end of each strap from passing through its said supporting loop member when the clasp members are unfastened.

2,451,283

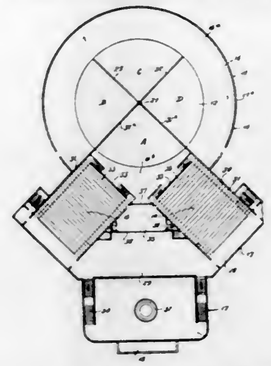
BROADCASTING STUDIO

Joseph K. Gannett, Montclair, N. J., and Robert Smith, Jr., Richmond Heights, and Brown W. Saveland, Cleveland Heights, Ohio, assignors to The Austin Company, Cleveland, Ohio, a corporation of Ohio

Application November 12, 1943, Serial No. 509,996

7 Claims. (Cl. 20—1.12)

1. In a building of the character described, a stage having a substantially circular floor and upright walls dividing the same substantially into quadrants, said stage being rotatable for moving one of said quadrants to a viewing position, and a pair of observation rooms facing said viewing position and extending in diverging relation away from the stage, said observation rooms having front openings directed toward said viewing position and the latter being common to both rooms, the outer side walls of said observation rooms extending at substantially right angles to each other and being located for substantial alignment with the upright walls of the stage quadrant occupying said viewing position, and curtains at said front openings controlling the



view from the respective rooms of the stage set occupying said viewing position and enabling said rooms to be filled and emptied alternately in timed relation to the movement of the successive stage sets to the viewing position.

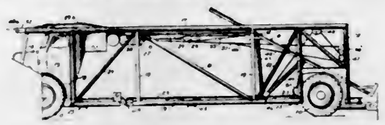
2,451,284

AUTOMOBILE TRANSPORTING TRUCK

Edward V. Garnett, Denver, Colo.

Application March 10, 1947, Serial No. 733,534

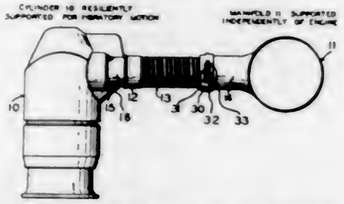
6 Claims. (Cl. 296—1)



4. An automobile transporting truck having a wheel supported chassis frame, means for supporting three automobiles comprising, an elongated frame supported from the chassis frame, two wheel ramps pivoted, at their front ends to the elongated frame, extending rearwardly towards the rear truck wheels, side frames extending vertically from the elongated frame, a plurality of transverse beams interconnecting the tops of the side frames near their front ends, two stationary wheel ramps secured to said beams, in spaced parallel relation, their rear ends terminating at the rearmost transverse beam, an assembly comprising, two spaced parallel wheel ramps, positioned to the rear of the stationary ramps, in alignment therewith, the front end of said ramp assembly being pivotally connected with the rearmost transverse beam, a beam interconnecting the rear ends of the ramp assembly, the ramp assembly and the beam being tiltable about the pivots, a second ramp assembly positioned to the rear of the upper tiltable ramp assembly and pivotally connected therewith at a point spaced from the ends of the said second ramp assembly, for movement from a downwardly and rearwardly inclined position to a substantially horizontal position in which the upper ends of the said second ramp assembly overlap the rear ends of the ramps of the first mentioned upper pivoted assembly, means for tilting the second mentioned upper ramp assemblies, means interconnecting the rearmost

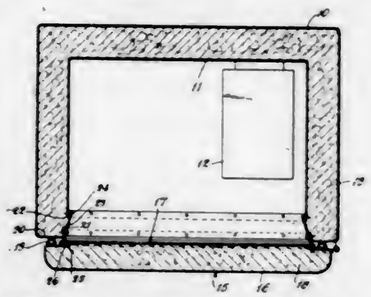
upper ramp assembly with the rear ends of the first mentioned pivoted ramps, whereby the further upward movement of the two upper pivoted ramp assemblies will impart a corresponding tilting movement to the ramp carried by the rectangular frame.

2,451,285
EXHAUST STRUCTURE FOR RESILIENTLY MOUNTED ENGINES
William C. Heath and Paul A. Pitt, San Diego, Calif., assignors to Solar Aircraft Company, San Diego, Calif., a corporation of California
Application December 3, 1943, Serial No. 512,814
3 Claims. (Cl. 138—51)



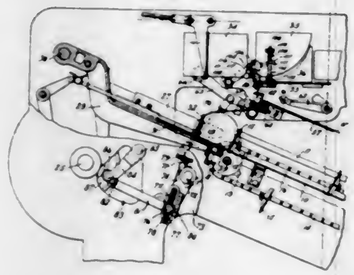
1. In an exhaust system of an internal combustion engine: a pair of spaced conduit members separately supported for relative vibratory motion and a flexible conduit interconnecting said two members, said flexible conduit consisting of a helical element, successive turns of which overlap and interlock in sliding relation with each other, the connection between said flexible conduit and one of said members including a slip joint providing free rotational and longitudinal movement of the flexible conduit relative to said one member.

2,451,286
REFRIGERATOR CONSTRUCTION HAVING MEANS TO RESTRICT MOISTURE IN THE WALLS OF THE CABINET
Clark C. Heritage, Cloquet, Minn., assignor to Wood Conversion Company, St. Paul, Minn., a corporation of Delaware
Application August 11, 1944, Serial No. 548,946
10 Claims. (Cl. 62—89)



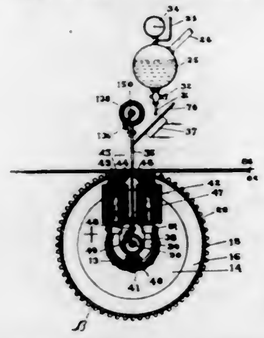
1. A refrigerator comprising a cabinet of material and construction which provides wall area substantially impervious to the transmission of water vapor, a food compartment located within said cabinet and spaced from the interior walls of the cabinet by a space for insulation, thermal insulation in said space of material capable of receiving condensation of water vapor which may be present in said space, said cabinet and said compartment having registering openings for access to said compartment from outside said cabinet, a door mounted on the assembly of said cabinet and compartment to swing for closing said opening in the cabinet, space-confining strip material serving as part of the confining wall area for said space and insulation therein and connecting the walls of said cabinet and said compartment at their openings, said material being in communication with the region within said compartment when said door is in closed position, and artificial refrigeration means within said compartment for cooling the interior thereof, the wall area confining said insulation and separating the same from communication with the food compartment being substantially impervious to the flow of air out of and into said insulation by the suction and pressure of respectively opening and closing said door, and at least a portion of said wall area being transmissive of water vapor for the flow of water vapor from said insulation to the interior of the compartment for effecting the dehydration of said insulation as to any water vapor leaking in said space, the cooling action of said refrigerating means effecting such dehydration when said door is closed.

2,451,287
WRAPPER FEED FOR WRAPPING MACHINES
William Hoppe, Longmeadow, Mass., assignor to National Bread Wrapping Machine Co., Springfield, Mass., a corporation of Massachusetts
Application April 8, 1944, Serial No. 530,152
8 Claims. (Cl. 93—2)



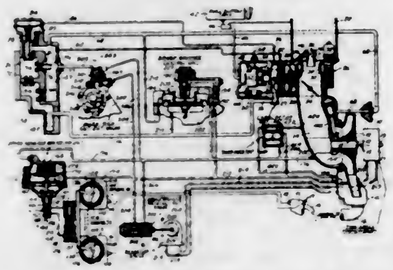
1. A wrapping machine having a substantially horizontal wrapping and discharge channel, an infeed conveyor located in substantially the same plane vertically below said channel and having an upwardly inclined terminal portion, a carrier pivotally mounted and driven to oscillate between the terminus of the conveyor and the terminus of the channel, a supply for a web of wrapping material located between the conveyor and the channel, a rotating web feeding roll mounted between the conveyor and the channel adjacent the carrier and operating to feed the web when the latter is drawn tightly around it, a second rotatable roll positioned between the feeding roll and the carrier to maintain the web in an arc surrounding the feeding roll during the movement of the carrier from the conveyor to the channel, flights on the conveyor positioned to convey an article therealong, means for driving the conveyor intermittently in such timed relation as to carry articles successively onto the carrier when the latter is adjacent the terminus of the conveyor and to hold the flight conveying each said article in position to act as an article guide as the carrier moves away from the conveyor.

2,451,288
METHOD OF AND MEANS FOR PRINTING MULTICOLOR IMAGES BY ELECTRIC DISCHARGE
William C. Huebner, New York, N. Y.
Application January 15, 1944, Serial No. 518,470
11 Claims. (Cl. 101—426)



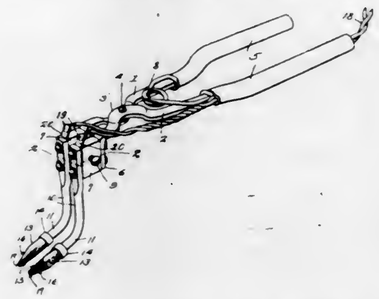
1. The herein described improvement in the art of producing a predetermined printed design upon a surface of print receiving material and which includes moving said material relative to an ink discharging element with said surface of the material spaced therefrom, creating an electro field of force extending from said element through said material and simultaneously causing certain predetermined lines of force of said field of force to deposit ink directly on said surface of the material in areas corresponding to the image to be printed thereon while intercepting the remaining lines of force of said field of force adjacent the opposite and remote surface of the material to render the same ineffective and thus to cause no ink to be deposited on the remaining non-image areas of said surface of the material.

2,451,289
IGNITION CONTROL
Harold T. Jarvis, Manchester, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application June 25, 1945, Serial No. 601,436
14 Claims. (Cl. 123—117)



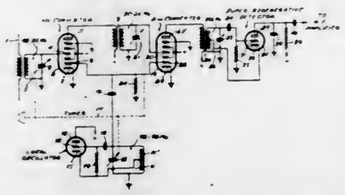
1. In an aircraft engine having an adjustable ignition timing system, timing means for automatically advancing and retarding the ignition timing in accordance with variations in engine power output, and means for rendering said timing means operative or inoperative to advance the timing in accordance with changes in the condition of the engine charging fluid and independently of variations in said engine power output.

2,451,290
ELECTRIC SOLDERING TOOL
C. Paul Kephart, Jersey City, and Walter Erich Jerichow, Far Hills, N. J.
Application July 27, 1945, Serial No. 607,280
3 Claims. (Cl. 219—26)



1. An electric soldering tool including levers pivotally connected between their ends, handles at one end of each lever, insulating blocks joined to the other ends of the levers, yielding means for holding the blocks normally pressed toward each other, arms of conducting material secured at one end to the blocks and extended therefrom perpendicularly to the levers, said arms being substantially parallel, the other ends of the arms being respectively formed as fingers, and extended from the arms at an oblique angle thereto, the tips carried by the respective fingers, and means for electrically connecting the arms to the respective sides of an electric circuit.

2,451,291
SUPERREGENERATIVE RECEIVER
Winfield R. Koch, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 8, 1943, Serial No. 501,538
5 Claims. (Cl. 250—20)

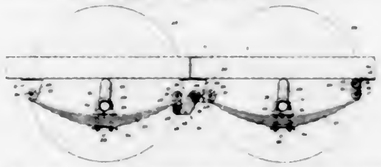


1. In combination with a pair of cascaded converters, a common source of locally-produced oscillations, means for supplying to the first of said converters signals of a predetermined high frequency, means for applying oscillations from said common source to both said converters for mixing with signals, said common source being tuned to a frequency which is different from the signal frequency by a predetermined frequency value, said second converter having an input circuit tuned to a frequency equal to the difference between said signal frequency and oscillation frequency, a super-regenerative detector having an input circuit coupled to the output of said second converter, the detector input circuit being tuned to a frequency equal to the sum of the frequency of said locally-produced oscillations and said difference frequency.

2,451,292
DARK TRACE SCREEN
Humboldt W. Leverenz, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
No Drawing. Application December 20, 1943, Serial No. 515,050
4 Claims. (Cl. 250—164)

1. An electric discharge device containing a film consisting of a mixture sensitive to the impact of electrons, said mixture consisting mainly of potassium chloride and a minor proportion of magnesium chloride.

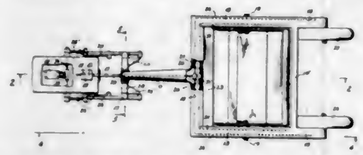
2,451,293
SUSPENSION FOR TANDEM WHEELED VEHICLES
Leland E. Long, Dayton, Ohio, assignor to The Fayette Manufacturing Company, Fayette, Ohio, a corporation of Ohio
Application June 6, 1946, Serial No. 674,775
7 Claims. (Cl. 280—104.5)



1. A suspension mechanism for a tandem-wheeled vehicle having a relatively rigid body structure and a pair of wheel-carrying axles arranged in parallel-spaced relation to one another and extending transversely of the body structure to provide forward and rear axles, comprising, an elliptical spring for each end of each axle thereby providing a forward and a rear spring for each side of the vehicle, means relatively rigidly securing each axle to and transversely of the mid-portion of each of its springs, means anchoring the forward ends of the forward springs to said body structure for pivotal movements on relatively fixed axes extending transversely of the body structure, a rocker arm pivotally secured intermediately of its ends to each side of said body structure between said forward and rear axles for rocking movements about axes extending transversely of the body structure, means anchoring the forward ends of the rear springs directly to their respectively adjacent rocker arms on axes extending transversely of said body structure and located rearward of the rocker arm pivots, means including shackles pivotally connected to the rear ends of the forward springs on axes normally lying in substantially the same horizontal plane as said rocker arm pivot and pivotally connected to the respectively adjacent rocker arms forward of the rocker arm pivots, and shackle means pivotally connecting the rear ends of the rear springs to said body structure on axes extending transversely of said structure.

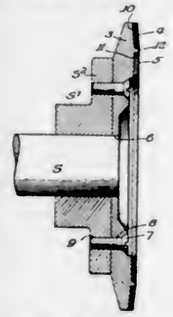
2,451,294
POWER-OPERATED SCRAPER
Leland T. McGee, Los Angeles, Calif., assignor, by direct and mesne assignments, to Hydro-Speed Equipment Co., a corporation of California
Application August 8, 1944, Serial No. 548,596
8 Claims. (Cl. 37—129)

7. In combination with a power tractor having pulling and lifting members for coupling implements thereto, with means for raising and lowering the same, a power operated scraper having a tongue-like member to be coupled to said pulling and lifting members, and additional hitching means extending from the front of the scraper to the underside of said tractor and including a coiled spring therein, whereby to give toggle



action to said tongue-like coupling with said tractor, said coiled spring taking much of the pull strain.

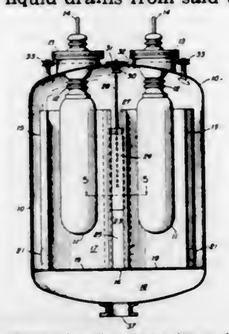
2,451,295
ABRASIVE WHEEL
Leopold H. Metzger and Vincent J. Fantozzi, Chicago, Ill., assignors, by mesne assignments, to Super-Cut, Inc., Chicago, Ill., a corporation of Illinois
Application November 8, 1944, Serial No. 562,435
1 Claim. (Cl. 51—209)



As a new article of manufacture, an abrasive wheel adapted to grind the tips of cutting tools and comprising a rigid disc-like body adapted for connection to a power driven shaft, an outer annular band mounted fixedly on one side face of the body and having diamond particles of certain mesh, and an inner annular band mounted fixedly on said one side face of the body and having diamond particles of different mesh, the outer side face of one of the two bands being frusto-conical and disposed at an acute angle to the outer side face of the other band, and the outer edge of the outer side face of the inner band being spaced inwards a small distance from the inner edge of the outer side face of the outer band.

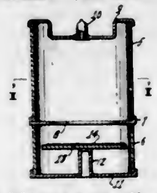
2,451,296
ELECTRIC HOT-WATER HEATER
Harvey C. Mittendorf, East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y., a corporation of Delaware
Application January 3, 1947, Serial No. 720,115
6 Claims. (Cl. 219—40)

1. In an electric heater, the combination of an enclosure having in the lower portion thereof an inlet for admitting liquid and further having in communication with a side portion thereof a vertically-extending passage through which liquid may flow out of the enclosure, a vertically extending electrode within said enclosure for passing through said liquid therein heating current which varies with the liquid level around the electrode, a gate for said outlet passage covering the lower portion thereof and being adjustable also to cover progressively higher portions, and means for adjusting said gate up or down whereby to select the effective level from which said liquid drains from said enclosure and



thereby control the temperature to which that liquid is heated by current from said electrode.

2,451,297
RUGGED GASEOUS DISCHARGE TRIODES
Arnold R. Moore, Lancaster, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application August 1, 1944, Serial No. 547,618
2 Claims. (Cl. 250—27.5)



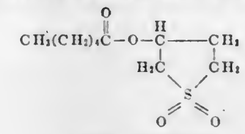
1. A controllable gaseous discharge tube comprising a cylindrical glass envelope containing gas at low pressure, a metal cap sealed to and hermetically closing each end of said envelope, one of said caps having a central pedestal projecting into said envelope and extending above the plane of the glass-to-metal seal of said cap, a flat oxide coated cathode comprising a flat rigid metal disc affixed to the inner end of said pedestal and extending substantially parallel to said cap and a coating of alkaline earth metal oxide on the side of said disc exposed to the other cap with fine particles of quartz distributed through and on the surface of said coating, and a control electrode comprising a metal ring embedded in the wall of said envelope and projecting into the interior of said envelope with its inner edge between said cathode and the other end of said envelope.

2,451,298
HYDROGENATION OF UNSATURATED CYCLIC SULFONES
Rupert C. Morris and Norten C. Melchior, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application November 27, 1943, Serial No. 512,048
7 Claims. (Cl. 260—329)

7. In a process for the production of sulfolane compounds wherein a sulfolene compound is brought in contact in the liquid state, with hydrogen in the presence of an active nickel hydrogenation catalyst and at a temperature below that at which said sulfolene compound undergoes thermal decomposition, the improvement which comprises effecting said catalytic hydrogenation in the presence of sodium hydroxide employed in an amount equal to between about 0.02% and about 5% by weight of the sulfolene compound treated.

2,451,299
SULFOLANYL ESTERS
Rupert C. Morris, Berkeley, and Edward C. Shokal, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application August 1, 1945, Serial No. 608,375
3 Claims. (Cl. 260—329)

1. 3-sulfolanyl caproate having the structure



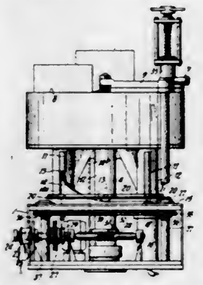
2,451,300
BABY GARMENT
Mary Lucile Neal, Baton Rouge, La.
Application July 15, 1946, Serial No. 683,644
11 Claims. (Cl. 128—284)



1. In a baby garment, the combination of a diaper and fasteners for securing the diaper in the wearing position, each including oppositely disposed fastening hooks, the diaper having provisions extending diagonally across its related corner portions for receiving the fastening hooks.

9. A diaper-type garment comprising a substantially rectangular fabric body, a pocket provided in each of the corners thereof, said pockets opening through the front face of the diaper and away from the corners and being arranged so that their mouths extend diagonally across said corners, whereby the pockets in the corners on the same sides of the diaper are oppositely disposed in the wearing position thereof.

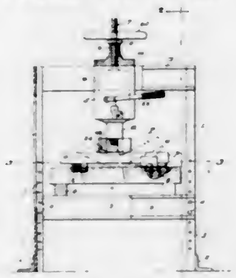
2,451,301
APPARATUS FOR THE MOLDING OF BUTTER AND LIKE PRODUCTS
Joseph O'Connell, Kensington, Victoria, Australia
Application June 23, 1945, Serial No. 601,210
In Australia May 18, 1944
20 Claims. (Cl. 31—44)



1. Apparatus for continuously and automatically moulding butter or like mouldable prod-

ucts, comprising a multiple number of moulds for the reception of the mouldable product, means for moving said moulds in unison and succession to and from mould filling and discharging positions, means at the filling position for charging each mould in sequence with a mouldable product under pressure, a movable element in each mould yieldingly opposing the charging of the mould and resultantly displaceable to a predetermined position commensurate with a required mould filling, and means actuatable by each movable element on assuming the displaced position to actuate said first mentioned means and thereby move the moulds to remove a filled mould from the filling position, to bring the successive empty mould to the filling position and to impel a previously filled mould to the discharging position.

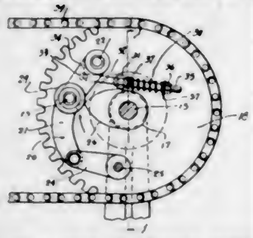
2,451,302
PIPE-BENDING MACHINE
Alva E. Peters, Olney, Ill.
Application March 14, 1946, Serial No. 654,265
2 Claims. (Cl. 153—38)



1. In a pipe bending machine, a frame, the frame including upstanding standards, spaced parallel die supporting members carried thereby, and means for effecting vertical adjustment of the die supporting members relative to the standards, bottom forming dies, cross-pins carried by said dies and resting upon the die supporting members, said cross-pins being non-connected to the die supporting members, whereby to permit free pivoting of the dies upon said members and free sliding movement of each die relative to said members, stop means adjustable longitudinally of the disc supporting members and adapted to engage the outer ends of the dies, whereby to limit movement of the dies away from each other, said dies having pipe receiving seats for supporting a pipe bridging the space between the dies, an upper forming die positioned over the space between the bottom forming dies and having a pipe receiving seat in its lower surface, and means for forcing the top forming die against the supported pipe to bend the pipe to the longitudinal configuration of the seat in said top forming die.

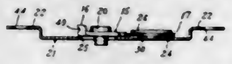
2,451,303
MECHANICAL MOVEMENT
Charles H. Petskeyes, Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill., a corporation of Illinois
Application June 9, 1945, Serial No. 598,464
6 Claims. (Cl. 74—63)

1. In a mechanical movement, the combination with a stationary shaft, of a driven member freely rotatable on the shaft, a driver member freely rotatable on the shaft, a cam fixed to said shaft means providing a connection between said members and including a cam engaging member adapted to engage said cam, said cam engaging member and said cam adapted to cooperate with each other whereby to advance said driven member with respect to said driver



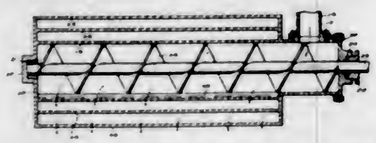
member as said cam engaging member passes from the low point to the high point of said cam and to provide a period of dwell for said driven member as said cam engaging member passes from the high point of said cam to the low point thereof.

2,451,304
IDLER SYSTEM FOR PHONOGRAPH TURNTABLE DRIVES
Emmor V. Schneider, Alliance, Ohio, assignor to The Alliance Manufacturing Company, Alliance, Ohio, a corporation of Ohio
Application August 23, 1947, Serial No. 770,279
4 Claims. (Cl. 74—206)



1. In a phonograph turntable drive, a motor mounting plate having an aperture therein, a slightly raised area surrounding said aperture, a turntable provided with a depending annular flange, a motor suspended from the motor mounting plate, a shaft on the motor extending upward through the aperture in the motor mounting plate, a drive pulley upon the upper end of the motor shaft, a hollow rivet located in said aperture, a head on the rivet accurately spaced above said raised area, said shaft being located through said hollow rivet and spaced therefrom, a flat smooth idler plate having a portion accurately sized for a sliding fit between said raised area and the rivet head and slidably pivoted upon the rivet whereby the only contact between the idler plate and the motor mounting plate is at said raised area, an idler pulley journalled upon the idler plate and means for urging the idler pulley into contact with the drive pulley and the turntable flange.

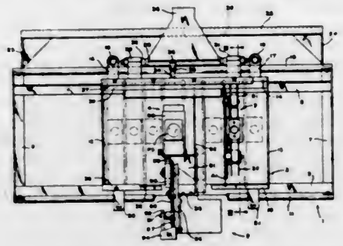
2,451,305
PRESSURE HEAD BOX FOR PAPER MACHINES
William P. Shannon, Port St. Joe, Fla.
Application September 12, 1945, Serial No. 615,866
8 Claims. (Cl. 92—44)



7. A pressure head device for a paper machine including a casing, a central chamber transverse

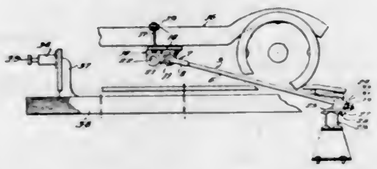
said casing, means for feeding paper pulp axially into said chamber, a longitudinal discharge slot in said chamber, power operated pressure means for delivering paper pulp from said chamber through said discharge slot, a spiral fin surrounding said chamber between said chamber and casing and forming a spiral delivery conduit communicating with said discharge slot, a longitudinal slot forming a discharge orifice from said conduit and an adjustable slice controlling the delivery from said orifice.

2,451,306
PICTURE FILM STRIP PROJECTION APPARATUS
Thomas U. Sisson, Detroit, Mich., assignor to Training Devices, Inc., Detroit, Mich., a corporation of Michigan
Application December 29, 1945, Serial No. 638,131
12 Claims. (Cl. 88—28)



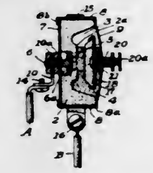
1. A multiple projection apparatus comprising in combination, a frame, a directional light source in fixed relation with the frame, a plurality of projection units, each unit comprising spaced film reels and a lens assembly and indexing means for moving a length of film across the path of the lens, connections joining the film reels with the indexing means for imparting increments of rotary motion to said reels, a carriage for supporting the projection units, a track attached to the frame for supporting the carriage, and means for moving the carriage along the track transversely of the directional light source for selectively positioning the lens of one of the projection units in alignment with the light source.

2,451,307
CLAMP FOR FRAME STRAIGHTENING MACHINES
Chester South, Rock Island, Ill., assignor to Bear Manufacturing Company, Rock Island, Ill., a corporation of Delaware
Application April 15, 1947, Serial No. 741,582
2 Claims. (Cl. 153—32)



1. In a clamp for use with frame straightening machines embodying side rails and a transverse abutment member, an abutment bracket, a hook portion provided on the outer end of said abutment bracket for detachable engagement with the transverse abutment member of a frame straightening machine, a pair of bosses disposed in spaced relation and projecting upwardly from said abutment bracket to define a recess, a strain bar having its one end threaded and mounted in said recess, a collar slidably mounted on the threaded end of said strain bar for engagement against said bosses, a pair of lugs projecting rearwardly from their respective bosses for engagement with said collar to prevent accidental outward displacement of said strain bar from said recess, an adjustment nut threaded onto said strain bar to move said collar into operative position against said bosses and under said lugs, and a frame clamp pivotally connected to the other end of said strain bar.

2,451,308
ELECTRICAL DEVICE
Werner I. Staaf, Rennerdale, Pa.
Application May 29, 1944, Serial No. 537,933
2 Claims. (Cl. 200—152)

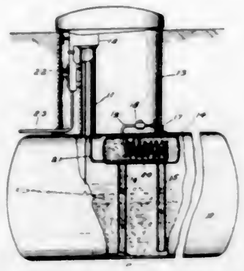


1. A positive displacement mercury switch comprising a block of dielectric material and a housing member comprised of electrical conducting material assembled with the block to form an enclosed well, a recess formed in said block of dielectric material to open into said well, a body of mercury in said well and recess, said block including a portion forming a seat that encompasses said recess, an electric contact element exposed in said recess to said body of mercury and extending outward from the block to form a circuit terminal, and a plunger of dielectric material movable in said well into and from position on said seat and adapted when positioned on said seat to provide an electric barrier between said contact and the mercury in said well in contact with the electrical conducting material of said housing.

2,451,309
VAPORIZER FOR TWO-STAGE LIQUEFIED PETROLEUM GAS DISPENSING SYSTEMS
Loyd J. White, San Antonio, Tex., assignor to Southern Steel Company, San Antonio, Tex., a corporation of Texas
Application December 28, 1944, Serial No. 570,170
2 Claims. (Cl. 62—1)

1. In a liquefied petroleum gas dispensing system of the character described, an underground pressure storage tank adapted to be charged with a mixture of liquefied gases; a heat exchanging chamber, in the form of a small tank arranged in the vapor space of said storage tank; a pair of spaced depending pipes connected to the chamber and communicating with the bottom portion of the storage tank; an eduction pipe connected to the upper portion of the chamber and carrying a first-stage pressure reducing regulator; a vaporizing coil within the chamber connected to the eduction pipe to receive the educted fuel passing through said regulator; eduction pipe extending through the upper portion of said storage tank at spaced points and serving to hold

said small tank in place; a vapor outlet conduit connected to the coil; and a second-stage pres-



sure reducing regulator connected to said vapor delivering conduit.

2,451,310

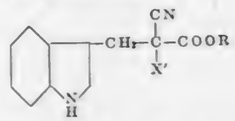
ALKYL ESTERS OF α-ACYLAMINO, α-CYANO, β-(3 INDOLE)-PROPIONIC ACID

Noel F. Albertson, East Greenbush, and Sydney Archer and Chester M. Suter, Albany, N. Y., assignors, by mesne assignments, to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application March 2, 1944, Serial No. 524,776

1 Claim. (Cl. 260—319)

An ester having the formula



where X' is acylamino and R is lower alkyl.

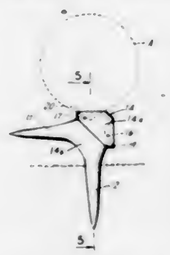
2,451,311

GOLF TEE

Harry N. Andreasen, Sr., Chicago, Ill.

Application January 22, 1947, Serial No. 723,509

1 Claim. (Cl. 273—33)



A golf tee comprising a rigid one piece body including a head having rounded sides, spaced right angularly disposed ends and a rounded top between and spacing the ends from each other, the said ends having recessed tapering sockets therein, the area of said sockets being entirely within the head, said sockets terminating in apexes which are in spaced relation to one another within the head, a web having smooth exterior sides and of diminishing transverse cross sectional area and of less transverse cross sectional area than the transverse cross sectional area of the head, integral with the head and depending therefrom, the sides of the head projecting beyond the sides of the web, and right angularly disposed tapering legs integral with and extending from the said web in alignment with the sockets, one of said legs being longer than the other and the transverse cross sectional area of both legs diminishing toward their outer extremities in continuation of the diminishing transverse cross sectional area of the web, the solid area of the head between the sockets, and the said web integral with the head and the respective legs, respectively providing a strong reinforcing connection between the sockets and between the head and the respective legs.

2,451,312

DEHYDRATED FOOD PRODUCT AND METHOD OF MAKING THE SAME

Rhys W. Arengo-Jones, Toronto, Ontario, Canada, assignor to Thomas J. Lipton Limited, Toronto, Ontario, Canada, a company of Canada

No Drawing. Application June 4, 1945, Serial No. 597,579. In Canada April 17, 1945

4 Claims. (Cl. 99—204)

3. A method of preparing a stable fruit product from pieces of dehydrated raw fruit which comprises grinding said pieces under pressure to bring juice to the surface thereof, adding sugar and a sulphite preservative thereto to dissolve in the expressed juice, crushing the mixture to uniformly incorporate the solution into the tissue of each fruit piece, and further dehydrating the fruit to cause sugar to crystallize within the mass of each fruit piece.

2,451,313

DEHYDRATED FRUIT PIE FILLING

Rhys W. Arengo-Jones, Toronto, Ontario, Canada, assignor to Thomas J. Lipton Limited, Toronto, Ontario, Canada, a company of Canada

No Drawing. Application August 22, 1945, Serial No. 612,145. In Canada July 25, 1945

2 Claims. (Cl. 99—204)

1. A method of producing a fruit pie filling which comprises subjecting normally dehydrated fruit to pressure to expose juice in the surface of the fruit pieces, adding to the mass predetermined proportions of sugar, starch and a sulphite preservative, grinding the mixture to dissolve the sugar and sulphite in the exposed juice, incorporate the solution in the tissue of each fruit piece and uniformly distribute the starch, and thereafter dehydrating the mass to reduce the moisture content to less than 10% and cause the solutes to crystallize within the mass of each fruit piece.

2,451,314

PRODUCTION OF ALKYL CYANIDES

Leland K. Beach, Mountainside, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application February 12, 1947, Serial No. 728,199

7 Claims. (Cl. 260—465.1)

1. The method of converting a beta hydroxy aliphatic nitrile into a lower molecular weight aliphatic nitrile and an aliphatic carbonyl compound which comprises subjecting the beta hydroxy aliphatic nitrile to thermal decomposition in a reaction zone at a temperature of 300–600° C, at a contact time of 1 to 20 seconds and in the absence of an active solid material.

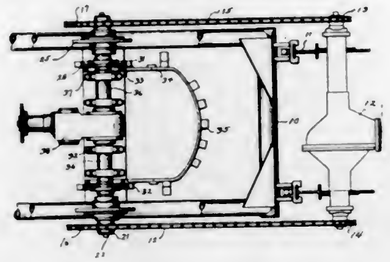
2,451,315

DIGGING WHEEL DRIVE FOR TRENCHERS

Robert N. Bennett, Findlay, Ohio, assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich., a corporation of Michigan

Application June 23, 1945, Serial No. 601,306

2 Claims. (Cl. 37—97)



1. In a ditching machine, a frame, a digging wheel mounted thereon having oppositely disposed rims secured to the side edges thereof, two axially aligned shafts having their inner ends spaced slightly from each other, a gear fixed to the outer end portion of each shaft, differential means for driving said gears, a bearing on the frame for the outer end portion of each shaft, gearing connecting the shafts individually to the respective rims, a conveyor transmission including a gear having an elongate tubular portion receiving the adjacent ends of said shafts, and a driving connection between one shaft and said tubular portion, the other shaft being rotatable relatively to said tubular portion.

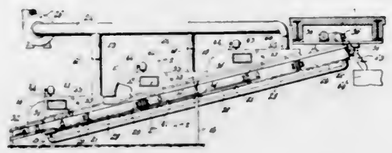
2,451,316

APPARATUS FOR DESICCATION

Otto Bieber, New York, N. Y.

Application October 19, 1942, Serial 462,520

2 Claims. (Cl. 34—216)



1. In a drying apparatus the combination of: a tunnel having a substantially saw-toothed roof; an open work conveyor belt adjacent to the base line of the tunnel roof but spaced therefrom to form a plurality of throated sections thereby providing a series of connected narrow passageways to permit the passage of the material being dried and the gases above said material from one section to the next section; means at a plurality of positions in the tunnel below the conveyor belt for supplying hot drying gases to said sections; an exhaust duct situated adjacent the throat of one of the aforesaid sections; a fan within one of said throated sections between said roof and said conveyor belt for circulating said drying gases in contact with the material carried on the conveyor; and adjustable ports in the tunnel beneath the conveyor belt to permit the entrance of air at atmospheric temperature into the tunnel.

2,451,317

MICROPHONE ADAPTED TO BE ACTUATED BY A BONE STRUCTURE OF A USER

William R. Blair, Washington, D. C., and Albert E. Woodruff, Oak Park, Ill., assignors to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application May 16, 1945, Serial No. 594,058

9 Claims. (Cl. 179—156)



4. In a device for the transmission of speech; a pair of microphone cells; means supporting said cells on opposite sides of the speaker's nose so that the bone structure of his nose imparts vibratory energy to said cells; said supporting means including a base member affixed to the speaker's head, two auxiliary members movably mounted upon said base member, said members corresponding respectively to said microphone cells, a joint for each microphone cell pivotally supporting that cell upon its corresponding auxiliary member, whereby the angular position of that cell with respect to the speaker's nose is adjustable, and spring means acting upon said auxiliary members so as to urge said cells toward the speaker's nose.

2,451,318

CONFECTION PACKAGE

Jack Burstiner, New York, N. Y.

Application January 31, 1945, Serial No. 575,524

3 Claims. (Cl. 99—180)



1. A confection package comprising a spirally wound roll, said roll comprising an outer layer and an inner layer of flexible material, said inner layer having a plurality of spaced rows of recesses, said rows of recesses being spirally disposed in said roll, and confection pieces seated respectively in said recesses, an unrecessed portion of said inner layer overlying each of said confection pieces.

2,451,319

TOTALIZATOR INDICATOR CONTROL

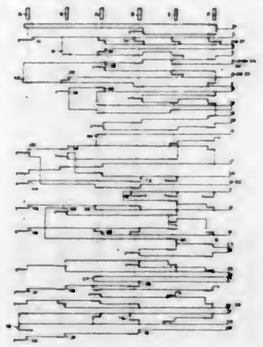
Charles M. Candy, Chicago, and William Walter Owen, Elgin, Ill., assignors to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application August 15, 1946, Serial No. 690,798

2 Claims. (Cl. 177—353)

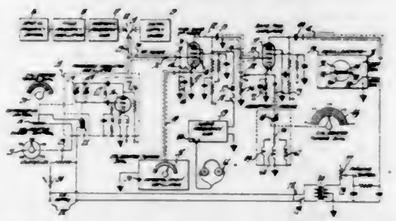
1. In a display system for displaying numerals one to nine and naught inclusive, a set of lamps arranged so that all said numerals may be formed and displayed one at a time by lighting said lamps in different combinations, a group of six relays, circuits controlled by said relays for lighting said lamps in said different combinations, means for always operating only three of said relays neither more nor less in different combinations at a display period to complete said circuits to correctly display any one of all said numerals one to nine and naught inclusive whereby only one of any said numerals is displayed by said set

at a time and said circuits arranged to display a mutilated numeral in case less than three or more



than three of said relays are operated at any display period.

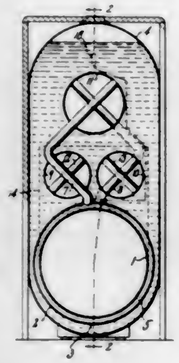
2,451,320
FREQUENCY MEASURING SYSTEM
Edward S. Clammer, Merchantville, and Milton J. Ackerman, Camden, N. J., and George A. Barton, Bridgeport, Conn., assignors to Radio Corporation of America, a corporation of Delaware
Application May 27, 1946, Serial No. 672,440
11 Claims. (Cl. 250—39)



3. A frequency measuring system comprising, in combination, means for producing a frequency modulated signal having a predetermined deviation frequency, means for mixing said modulated signal and a second signal to be measured in frequency, to produce a beat frequency output, means for varying the frequency of the first named signal to provide zero beat between a harmonic thereof and the second signal, band pass circuit for deriving the corresponding deviation frequency harmonic of said first named signal from the beat frequency output of said mixing means, and means for determining the order of said last named harmonic as an index of the frequency of the second signal, said last named means including a circuit coupled to the band pass circuit and tunable to said deviation frequency harmonic, and a device coupled to the output of the band pass circuit for indicating the tuning response of said last named circuit at said deviation frequency harmonic.

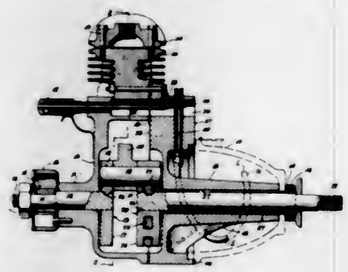
2,451,321
BOILER
Michael C. Crotty, Flushing, N. Y.
Application November 29, 1946, Serial No. 712,847
7 Claims. (Cl. 122—136)

5. A boiler for water heating and steam generation comprising an outer chamber containing water, a combustion chamber horizontally disposed within said outer chamber and surrounded by a shell spaced from said combustion chamber; means for admitting water from said outer chamber to the space between said combustion chamber and said shell and pipe means to conduct hot



water and steam from the top of said shell to the upper part of said water in said outer chamber; and flues associated with said combustion chamber and traversing the water in said outer chamber back and forth, said flues being traversed by said pipe means for conducting water.

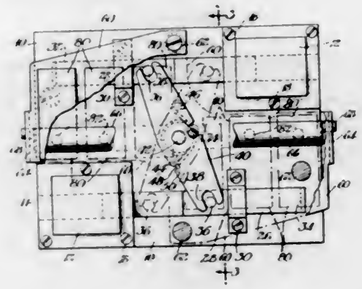
2,451,322
INTERNAL-COMBUSTION ENGINE
Rudolph Daub, West Caldwell, N. J.
Application December 22, 1944, Serial No. 569,317
5 Claims. (Cl. 123—73)



4. An internal combustion engine comprising a cylinder and crankcase housing formed by an integral casting and having a transverse face providing fuel passage openings, a cover means for said face forming a wall for a fuel passage of said casting and provided with a fuel supply reservoir around a portion of the crankshaft, and a crankshaft journaled in said casting and said cover means.

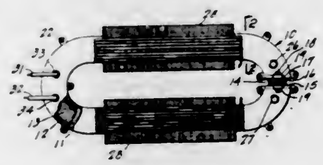
2,451,323
SHOCK RESISTANT RELAY
Leroy C. Doane, Essex, Conn., assignor to The Sight Light Corporation, Deep River, Conn., a corporation of Connecticut
Application May 11, 1946, Serial No. 669,026
5 Claims. (Cl. 200—98)

1. In a relay construction, a base, a pair of solenoids mounted thereon facing in opposite directions, plungers mounted to move into and out of the solenoids in opposite directions when the solenoids are energized or de-energized and a cross lever pivoted between its ends to a fixed pivot and pivotally connected at each of its ends



to the plunger of one of said solenoids, a switch on said relay and an operative connection from said cross lever to said switch, said operative connection including a rotary cam member engaging a portion of said switch and an arm projecting from said cam member engaging said cross lever.

2,451,324
SHIELD FOR TRANSFORMERS
Charles H. Dunton, Oakland, Calif.
Application October 16, 1945, Serial No. 622,508
4 Claims. (Cl. 175—356)

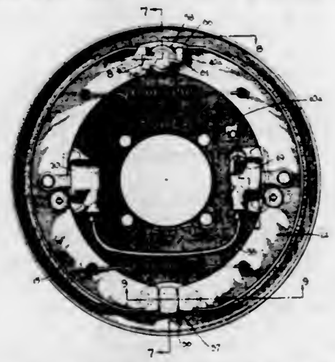


1. A shield for the secondary of a transformer consisting of two coaxial conductive members one within the other and having spaced walls and terminal ends with the secondary winding of the transformer enclosed in the inner of the two members, and with the two members conductively connected only at each terminal end to form a complete circuit through one member, across the connection at one terminal end, back through the other member, and across the connection at the other terminal end.

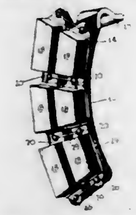
2,451,325
INTERNAL EXPANDING VEHICLE BRAKE
Carolus L. Eksergian, Detroit, Robert B. Temple, Grosse Pointe Park, and Karl C. Harle, Detroit, Mich., assignors to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 21, 1943, Serial No. 503,204
4 Claims. (Cl. 188—78)

1. A brake mechanism comprising a backing plate, a pair of brake shoes movably mounted on said backing plate for movement to operative and inoperative positions, normal actuating means for so moving the shoes, anchor means between adjacent ends of said shoes, said anchor

means including a unitary member engaging the adjacent shoe ends and movable endwise for adjusting the shoes and rotarily for providing an emergency actuation of the shoes.



2,451,326
BRAKE SHOE ASSEMBLY
Carolus L. Eksergian and Paul W. Gaenssle, Detroit, Mich., assignors to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 3, 1946, Serial No. 700,948
7 Claims. (Cl. 188—234)



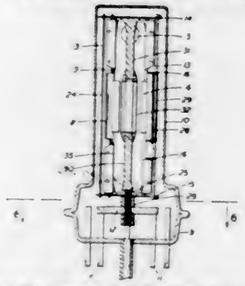
1. A brake shoe for cooperation with a brake rotor, comprising an arcuate backing member to receive the brake-applying thrust and having a flat face on the side thereof opposite the one receiving said thrust, and a pressed metal element removably secured to the flat face of said backing member and being formed with a shallow recess on the side thereof toward said flat face, and a rubber-like cushioning pad received in said shallow recess and compressed between said element and said flat face of the backing member, the side of said pressed metal element opposite said recessed side having secured thereto a composition brake lining, and said removable securing means including a projection from said flat face for transmitting the braking torque from said element to said backing.

2,451,327
REMOVAL OF ACETYLENE FROM DIOLEFIN-CONTAINING MIXTURES
Egi V. Fasce, Baton Rouge, La., and William H. Wood, Warren, Pa.; Sarah Thomas Fasce, attorney-in-fact for said Egi V. Fasce, assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application November 30, 1944, Serial No. 565,839½
6 Claims. (Cl. 260—681.5)

1. A process for selective removal of acetylenes from a gaseous hydrocarbon fraction containing diolefins, which comprises passing said gaseous

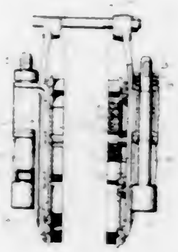
fraction in the absence of hydrogen at a temperature between 50° and 300° C. over a catalyst comprising an aluminum silicate selected from the group consisting of bentonite and montmorillonite and which has been previously treated with an acid selected from the group consisting of sulfuric acid, fluosilicic acid, and hydrofluoric acid whereby the acetylenes are selectively polymerized and withdrawing from the catalyst the diolefins substantially free of acetylenes.

2,451,328
ULTRA HIGH FREQUENCY ELECTRON DISCHARGE DEVICE
Christopher Henry Foulkes, London W. C. 2, England, assignor to Standard Telephones and Cables Limited, London, England, a British company
Application September 9, 1942, Serial No. 457,795
In Great Britain February 14, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires February 14, 1961
4 Claims. (Cl. 250—27.5)



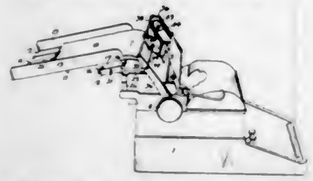
1. A coaxial resonator for an electron velocity modulated discharge tube comprising an outer tubular conductor and an inner conductor coaxial therewith, said outer conductor being formed of integral channel-shaped sections secured together at their edges, said sections having inturned fins integral therewith and forming the longitudinal boundaries of a pair of diametrically located slots in said outer conductor.

2,451,329
CUSHIONED DISK BRAKE SHOE ASSEMBLY
Paul W. Gaenssle, Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 3, 1946, Serial No. 700,947
6 Claims. (Cl. 188—234)



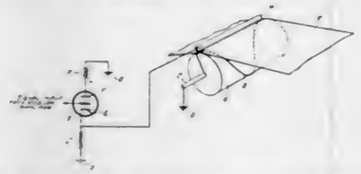
1. A brake shoe of arcuate form adapted to coact with a radial braking rotor, said shoe comprising a flat faced backing member, a plurality of spaced brake units secured to said backing member, said units each comprising at least one shallow sheet metal pan having a composition lining block connected to the outside of the pan, a rubber-like cushioning pad confined by the sides of the pan and compressed between the pan and the backing member and means for so compressing the pad and for securing the pan to the backing member so as to take the braking torque.

2,451,330
SHEET FEED FOR WRITING MACHINES
Joseph A. Gilbert, San Francisco, and Paul A. Johnson, Emeryville, Calif., assignors to Moore Business Forms, Inc., Emeryville, Calif., a corporation of Delaware
Application August 23, 1945, Serial No. 612,200
5 Claims. (Cl. 197—130)



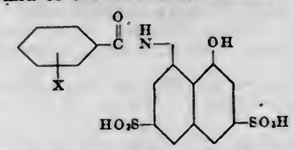
1. In a device of the character described in combination, a writing platen, a supply magazine having a supporting surface for receiving a supply of record units at one side of said platen, feed initiating means including a friction member positioned for engagement with the record units in said magazine and operatively connected for operation in unison with said platen for initiating feed of the record units one at a time from said magazine toward said platen, a control step positioned adjacent to the forward ends of the record units in said supply and having a supporting surface angularly disposed to the forward part of the magazine supporting surface and adjacent to said friction member so as to prevent the starting by said friction member of more than one of said record units at a time, and a controlling roller positioned adjacent to said angularly disposed control step and in adjacent cooperative relation with said feed initiating friction member in controlling engagement with the opposite sides of the record units from the sides thereof engaged by said friction member.

2,451,331
ELECTROLYTIC RECORDING
Harold Grey Greig, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application December 3, 1945, Serial No. 632,547
12 Claims. (Cl. 204—2)



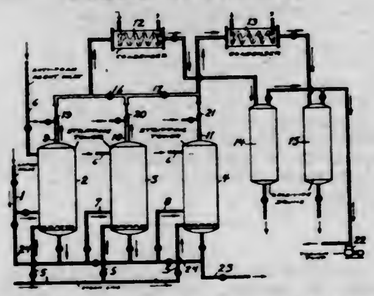
1. A process of producing colored image records simulating black on a light background on a traveling carrier which comprises treating the carrier with an alkaline solution containing as its essential components benzidine-3.3'-disulfonic acid in an amount ranging from .02 to .036 gram mol per liter of solution, an alkali metal nitrite in a sufficient amount to effect tetrazotization of

the benzidine-3.3'-disulfonic acid, a neutral electrolyte in a sufficient quantity to facilitate the passage of the electrolyzing current, and as coupling components .0292 to .05 gram mol per liter of solution of a diacetoacetyl alkylene polyamine and .0094 to .020 gram mol per liter of solution of a compound of the following formula:



in which X is selected from the class consisting of hydrogen, acylamino, alkoxy, alkyl, halogen and aryloxy, and subjecting the treated carrier to the action of an electrolytic recording current.

2,451,332
STRIPPING OF POLYMER LATICES
Arthur Donald Green, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application December 5, 1942, Serial No. 467,931
4 Claims. (Cl. 202—46)

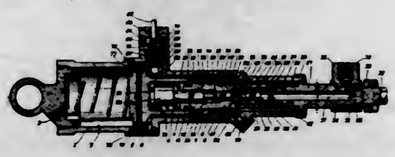


3. In the process of continuously stripping latices of emulsion polymerizates comprising an unpolymerized, normally liquid, unsaturated compound, the improvement comprising continuously passing a stream of said latex through several stripping zones in series, vaporizing the said unpolymerized unsaturated compound from the latex by applying vacuum to and passing a stripping gas through the latex, continuously removing the stripped latex from the last stripping zone, continuously removing the said vaporized unsaturated compound from each zone, passing the vaporized unsaturated compound through a vapor compressor in order to increase the pressure and the condensing temperature thereof, condensing and recovering the unsaturated compound and maintaining the total nominal hold-up time and temperature of the several stripping zones sufficiently low that the properties of the polymer product are not appreciably degraded.

2,451,333
SYNTHESIS OF POLYHYDROXY COMPOUNDS
William F. Gresham and Richard E. Brooks, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 28, 1945, Serial No. 590,960
5 Claims. (Cl. 260—635)

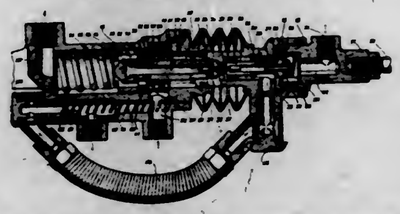
1. A process for preparing organic polyhydroxy compounds which comprises heating a mixture of formaldehyde, carbon monoxide, hydrogen and a reduced cobalt oxide hydrogenation catalyst under a pressure in excess of 100 atmospheres at a temperature within the range of 80° to 300° C., the initial molar ratio of carbon monoxide to hydrogen being from 1:2 to 1:4, the sole catalyst present being the said hydrogenation catalyst, and thereafter separating organic polyhydroxy compounds from the resulting reaction product.

2,451,334
FLUID PRESSURE OPERATED ACTUATING DEVICE
Martin V. Groves, Brooklyn, N. Y., assignor of one-half to Arthur Wilde and Arthur Hull-Ryde, both of Bayside, N. Y., jointly
Application June 17, 1943, Serial No. 491,181
19 Claims. (Cl. 60—54.5)



6. In a compound hydraulic pressure device, the combination of a relatively large piston operatively disposed within a corresponding cylinder, said piston having a bore extending inwardly from one end, a relatively small piston operatively disposed within said bore as a cylinder, means for moving said small piston within the bore of said large cylinder to displace hydraulic fluid therefrom, means for passing said displaced hydraulic fluid into said large cylinder to the rear of said large piston for moving said large piston forwardly under hydraulic advantage, means for supplying supplemental hydraulic fluid under pressure within said large cylinder to the rear of said large piston, and valve means for controlling the flow of said supplemental hydraulic fluid into said large cylinder, said valve means being operable by the displacement stroke of said small piston.

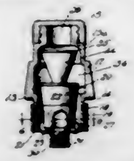
2,451,335
CONTROL VALVE MEANS FOR POWER-OPERATED HYDRAULIC MOTIVE MEANS
Martin V. Groves, Brooklyn, N. Y., assignor of one-half to Arthur Wilde and Arthur Hull-Ryde, jointly, both of Bayside, N. Y.
Application March 10, 1944, Serial No. 525,854
21 Claims. (Cl. 121—41)



13. In control means for a hydraulic actuating system, the combination of a hydraulic cylinder, a piston operatively disposed therein, means for placing said cylinder in communication with hydraulic motive means to be operated for imposing on said piston pressure fluid from said hydraulic motive means, manual actuating means rigidly attached to and movable with said piston for moving said piston in a direction opposite to

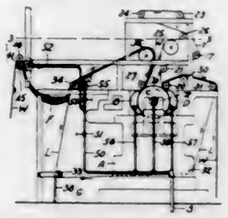
said imposed hydraulic pressure, a valve housing mounted for movement with said piston and providing means of interconnection between a pressure source and said motive means, a first valve disposed in said valve housing, means also movable with said piston for controlling the operation of said valve upon predetermined movement of said piston and a second valve movable and with respect to said piston for venting said cylinder.

2,451,336
NONREFILLABLE BOTTLE CLOSURE
Harry W. Hagen, Decatur, Ill.
Application August 29, 1946, Serial No. 693,705
In Canada April 1, 1946
8 Claims. (Cl. 215—25)



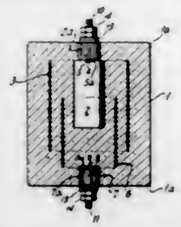
1. A bottle closure comprising a tubular housing the bottom of which is bounded by a cup having apertures therein, a core member secured to said cup and spaced from said housing and forming therewith an annular path for fluids, said member also having valve-guiding recesses along its longitudinal axis, and a plurality of valves capable of closing the apertures in said cup, said cup having an upwardly extending skirt surrounding the lower part of said housing and secured thereto.

2,451,337
SEMIDECATING MACHINE
Edward F. Hayes, Pelham, N. H., assignor to Talbot Mills, Inc., North Billerica, Mass., a corporation of Massachusetts, as trustee
Application June 12, 1944, Serial No. 539,867
8 Claims. (Cl. 26—18.5)



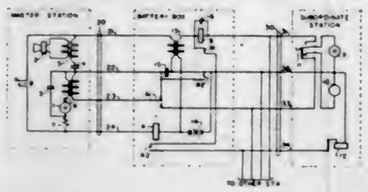
1. In a continuous semi-decating machine for finishing woolen cloth; the combination of a revoluble heated cylinder; and means to positively drive such cylinder; with a heated bed having an adjoining face concentric with the curved surface of the cylinder; an upper endless apron and a lower endless apron to receive and carry the cloth between them between the bed and part of the cylinder said aprons being more resistant to stretching than is the woolen cloth; means to spread each apron transversely before it engages the heated cylinder; cloth feed rolls to deliver the woolen cloth to a cradle and to the apron; a cloth receiving cradle positioned between part of the lower endless apron and said cloth feed rolls; means to drive the cloth feed rolls at a greater surface speed than the surface speed of the cylinder; a pipe for spraying steam on the woolen cloth as it leaves the cloth feed rolls; and a perforated steam pipe for spraying steam on the lower apron where it receives the woolen cloth and before it engages the heated cylinder.

2,451,338
ELECTRICAL CONDENSER
Harold P. Heller, Palmyra, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 11, 1944, Serial No. 563,005
6 Claims. (Cl. 175—41)



2. An electric condenser comprising a central electrode, an outer electrode and an intermediate electrode both of which are hollow open ended right circular cylinders, external end terminal members each having a strip support for electrically connecting and supporting said electrodes at one of the base centers of each cylinder to provide a support in the horizontal plane which is narrow relative to the diameters of said electrodes to permit the casting of a solid dielectric without the formation of internal voids due to unrelieved shrinkage.

2,451,339
INTERCOMMUNICATING SYSTEM
Roswell H. Herrick, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application February 8, 1945, Serial No. 576,787
9 Claims. (Cl. 179—1)

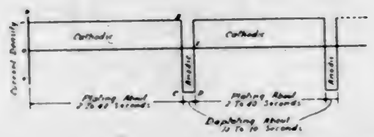


1. In an intercommunicating system, a pair of stations each including a transmitter and a receiver, a four conductor line extending between said stations, the first and second conductors of said line defining a signal channel for coupling the transmitter at one station to the receiver at the other station, the second and third conductors of said line defining a signal channel for coupling the transmitter at the other station to the receiver at said one station, said one signal channel being normally disabled, means controlled over the second and third conductors of said line by said other station for energizing the transmitter at said one station over the second and fourth conductors of said line, and means controlled over the second and fourth conductors of said line by said one station for enabling said one signal channel.

2,451,340
ELECTROPLATING
George W. Jernstedt, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application March 6, 1948, Serial No. 13,531
4 Claims. (Cl. 204—43)

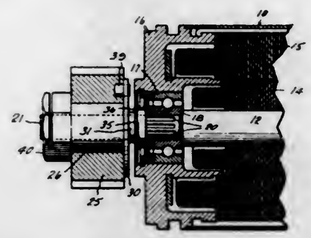
1. In the method of electroplating a metal from the group consisting of iron, lead, indium, platinum, osmium, rhodium, iridium, palladium, ruthenium and alloys in which these metals predominate, on a base member from an aqueous electrolyte having the metal to be plated dissolved therein, the steps comprising applying a plating electric current to the base member for a period of time of not more than 40 seconds to electroplate an increment of the metal thereon, then applying a deplating electric current to the base member for a shorter period of time to deplate a substantial portion of the previously plated increment, the deplating electric current being of a magnitude and applied for a period of time sufficient to deliver from $^1/_{20}$ to ½ of the coulombs delivered during the preceding plating period, and continuing the alternate plating and deplating until a desired thickness of the metal is applied to the base member.

2,451,341
ELECTROPLATING
George W. Jernstedt, Belleville, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 10, 1945, Serial No. 610,107
10 Claims. (Cl. 204—44)



1. The process of electroplating metal from the group consisting of copper, brass, silver, zinc, tin, cadmium and gold on a base member from an electroplating electrolyte in which the deposited metal is readily soluble on the passage of electric current when the base member is the anode, comprising the steps of connecting the base member to be plated into an electroplating circuit including the electrolyte, causing electric current to flow in the plating circuit while the base member is in contact with the electrolyte, the electric current flowing in the plating circuit being periodically reversed so as alternately to electroplate metal on and then deplate metal from the base member, the current for plating metal on the base member being caused to flow for a period of time of not over 40 seconds until a layer of metal is deposited when the current is reversed in direction for a period of time of not over 10 seconds to deplate metal from the base member to remove a portion of the layer of plated metal, the deplating current being of a magnitude and applied for a sufficient period of time to deliver at least 10% of the coulombs delivered during the preceding plating period so that a substantial amount of the plated metal is removed, and repeating the cycle of plating and deplating to cooperate in building up on the base member an electrodeposit in small increments to produce a smooth, sound, homogeneous plate.

2,451,342
GEAR MOUNTING
Henry J. Kent, Teaneck, N. J., assignor to Kearfott Company, Inc., New York, N. Y., a corporation of New York
Application June 7, 1947, Serial No. 753,334
6 Claims. (Cl. 287—53)



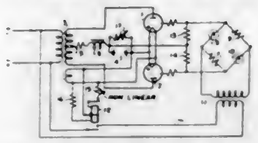
1. A gear assembly comprising a rotatable shaft having a series of axially extending splines formed therein, a gear journalled on said shaft, a driving disk for said gear having a projecting split hub formed with teeth registering with said splines, clamping means contracting the split hub to secure the same rigidly to said shaft, and a member connecting said disk to said gear.

2,451,343
WEB GUIDING DEVICE, PARTICULARLY FOR TENTERING FRAMES
August Künzle, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y., a corporation of New York
Application March 1, 1946, Serial No. 651,242
In Switzerland March 5, 1945
9 Claims. (Cl. 26—57)



1. In apparatus for controlling the lateral alignment of a marginal edge of a longitudinally traveling web of textile fabric or the like flexible material, the combination of a pair of rotatable guide rollers constructed and arranged to grip said marginal edge therebetween and pivotally mounted for angular movement about a torque axis substantially normal to said web travel, electro-magnetic motive means exerting a continuous torque force when energized, for progressively angularly moving said rollers in one direction only about their torque axis to any desired torque position within the range of movement, a counter-torque spring urging said rollers in an opposite direction of angular movement, and photoelectric means for controlling said motive means, said photoelectric control means comprising a photoelectric cell and means for projecting a beam of light across the path of travel of said web edge and onto said photoelectric cell said electro-magnetic motive means and photoelectric cell control means being so constructed and arranged that the angular movement of said pair of guide rollers about said torque axis increases proportionately with the increasing deviation of fabric from its desired course.

2,451,344
GRID-CONTROLLED RECTIFIER CIRCUIT
Harold J. McCreary, Lombard, Ill., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application February 8, 1945, Serial No. 576,817
1 Claim. (Cl. 315—271)



In a converter, a battery, a load circuit connected across said battery, said load circuit requiring direct current of varying strength at substantially constant direct current potential, a source of alternating current potential which varies appreciably in magnitude, a thermionic gas-filled tube having a cathode, a control grid, and an anode, an anode circuit including said battery and circuit means for inducing from said source an alternating current potential between said cathode and said anode, a Wheatstone bridge circuit in which each branch comprises a linear and a non-linear resistor connected in series, a control grid circuit connecting said control grid to one diagonal of said bridge circuit and also to said battery, the connection to said battery and to said control grid circuit biasing said grid negatively with respect to said cathode, means for inducing from said source an alternating current potential across the other diagonal of said bridge circuit to thereby superimpose upon the direct current bias of said control grid an alternating current potential, the magnitude of the alternating current potential applied to said control grid from said bridge circuit varying inversely with the magnitude of the alternating current potential of said source, the resultant potential applied to said grid controlling the firing time of said tube and thereby the duration of rectified current flow in said anode circuit during alternate half cycles of the induced alternating current potential, and said controlled rectified current flow maintaining the direct current potential across said load and the battery substantially constant regardless of the variations in said source and in the current requirements of said load.

2,451,345
COMPOUNDED LUBRICATING OIL
John G. McNab, Cranford, and Dilworth T. Rogers, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 24, 1944, Serial No. 560,192
24 Claims. (Cl. 252—32.7)

1. A hydrocarbon material subject to deterioration by atmospheric oxygen containing a stabilizing amount of a product obtained by reacting a sulfide of phosphorus with a divalent group II metal salt of a compound having the characterizing structure

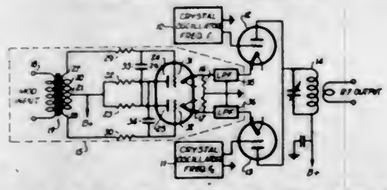
$$R—Ar(XH)—Y_x—R'$$

in which the groups R, XH and Y_x—R' are all connected to the aromatic nucleus Ar, and in which R represents at least one alkyl group of 4 to 24 carbon atoms and R' represents an aryl group, X is an element of the group consisting of oxygen and sulfur, Y is a member of the sulfur family of elements, and x is an integer from 1 to 4, at a temperature of 100–200° C. for a period of at least 10 minutes, the proportions of reactants being such that from 0.03–2 atomic proportions of phosphorus are present for each atomic proportion of metal.

2,451,346
COMPOUNDED LUBRICATING OIL
John G. McNab, Cranford, and Dilworth T. Rogers, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application March 3, 1945, Serial No. 580,916. In Canada December 13, 1943
14 Claims. (Cl. 252—32.7)

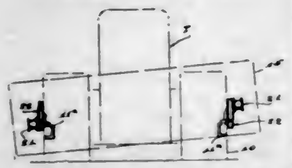
1. A petroleum hydrocarbon material containing a stabilizing amount of a product obtained by reacting a sulfide of phosphorus with a basic polyvalent metal salt of an acidic organic compound at a temperature of about 100° C.–180° C., for a period of at least 10 minutes, in the ratios of 0.05–2 atomic proportions of phosphorus for each metal atomic proportion of metal in the salt and 0.75–2.5 atomic proportions of sulfur for each atomic proportion of phosphorus.

2,451,347
FREQUENCY SHIFT PULSE TIME MODULATION
Clarence H. McShan, Newark, N. J.
Application January 17, 1947, Serial No. 722,579
15 Claims. (Cl. 179—171.5)



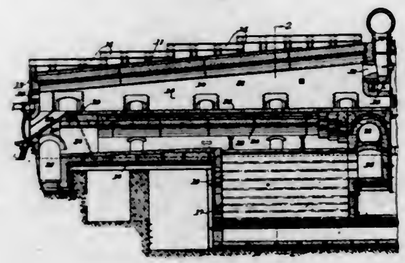
1. In a radio frequency system, the steps of alternately producing radio frequency carrier signals of two different frequencies in the form of consecutive pulses of given time duration, and modulating said carrier pulses in accordance with a modulating signal.

2,451,348
ADJUSTABLE TRUNNION MOUNTING FOR BULLDOZERS AND THE LIKE
George E. Miller, Findlay, Ohio, assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich., a corporation of Michigan
Application March 15, 1945, Serial No. 582,929
3 Claims. (Cl. 37—144)



1. A bulldozer comprising rigid spaced side beams, a rigid blade support to which the side beams are connected at their forward ends, means for pivotally connecting the beams at their rear ends to the side frames of a tractor, said connecting means including a single bearing member on each side beam, a trunnion for receiving each bearing member, and a mounting for each trunnion adapted to be secured to the adjacent side frame of a tractor and enabling the trunnion to be selectively adjusted in a vertical direction to one of a number of positions, said mounting being curvilinear in a vertical direction thereby to enable the axis of the trunnion to be inclined in accordance with the vertical adjustment.

2,451,349
CONTINUOUS HEATING FURNACE AND METHOD OF OPERATING THE SAME
William A. Morton, Mount Lebanon, Pa., assignor, by mesne assignments, to Amsler Morton Corporation, Pittsburgh, Pa., a corporation of Delaware
Application January 12, 1943, Serial No. 472,098
15 Claims. (Cl. 263—39)



13. In a continuous furnace for heating billets and the like, the combination of a chamber defined by side and end walls, a roof and a continuous solid hearth extending from the charging end of the chamber to adjacent the discharge end of the same and along which the billets are caused to travel from the charging end of the chamber to the discharging end of the same, means for introducing heating gases at the charging end of the chamber to travel therein toward the discharge end concurrently with the billets, means for withdrawing all the heating gases at the discharge end of the chamber, and means for returning all the heating gases toward the charging end of the furnace in contact with the under surface of the hearth to heat the latter and maintain a low temperature differential between the top and bottom of the billets.

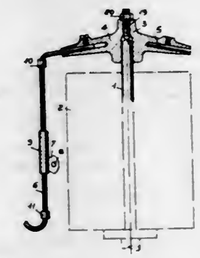
2,451,350
PREPARATION OF UNSATURATED KETONES
Henry O. Mottern, Hillside, and Vincent F. Mistretta, Fanwood, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 13, 1945, Serial No. 634,883
13 Claims. (Cl. 260—586)

1. A process for the reaction of two molecules of a ketone selected from the group consisting of alkyl, saturated cycloaliphatic and aralkyl ketones, which comprises preparing a vaporous mixture consisting of the ketone and hydrogen, reacting the vaporous mixture in the presence of a catalyst consisting of an oxide of a metal selected from group II and an oxide of a metal selected from group V of the periodic table, and cooling the resultant reaction products containing unsaturated ketone.

2,451,351
PRODUCTION OF UNSATURATED KETONES
Henry O. Mottern, Hillside, and Vincent F. Mistretta, Fanwood, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 13, 1945, Serial No. 634,884
11 Claims. (Cl. 260—593)

1. A process for the reaction of a saturated aliphatic methyl ketone with a saturated aliphatic aldehyde which comprises preparing a vaporous mixture consisting of the ketone, the aldehyde and hydrogen, reacting the material in the presence of a catalyst consisting of an oxide of a metal selected from group II and an oxide of a metal selected from group V of the periodic table and cooling the resultant reaction materials containing unsaturated ketone.

2,451,352
REVOLVING THREAD GUIDING FLIER
Albert Nau-Touron, Le Vesinet, France, assignor to Societe a responsabilite limitee Fonderie De Precision, Nanterre, France
Application September 21, 1945, Serial No. 617,879
In France October 1, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires October 1, 1961
11 Claims. (Cl. 57—116)

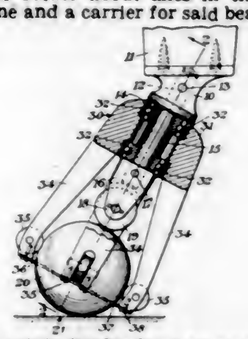


1. Revolving thread guiding flier for textile machines provided with spindles for rotating bobbins having a body, means adapted to mount rotatably said body on the spindle, arms projecting from said body, a rod secured to one of said arms and adapted to be parallel to the axis of the spindle, a traveller freely mounted on said rod, and means carried by said traveller and adapted to guide the thread through said traveller.

2,451,353
BALL CASTER
William H. Newell, New York, N. Y., assignor to Ford Instrument Company, Inc., Long Island City, N. Y., a corporation of New York
Application March 10, 1945, Serial No. 582,075
9 Claims. (Cl. 16—27)

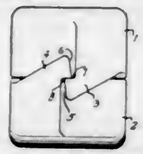
1. A caster comprising a support to be attached to a pedestal, a ball positioned to roll on a surface, a roller mounted on said support to roll about a fixed horizontal axis and engaging said ball to carry the weight of said pedestal, the roller being so positioned that the line passing through the center of the ball and the point of contact of the ball and roller is inclined to the vertical, and a set of bearing rollers disposed about said ball to contact the surface of said ball in the same diametric plane thereof, said bearing rollers being

mounted to rotate about axes in the said diametric plane and a carrier for said bearing rollers



mounted to rotate freely about an axis normal to said plane.

2,451,354
PIPE COUPLING
Robert L. Ohls, Houston, Tex.
Application October 8, 1945, Serial No. 621,087
14 Claims. (Cl. 285—194)



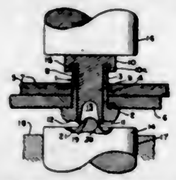
1. In a pipe coupling, a housing formed of two similar sections, a pair of side hooks on each section having side faces which are substantially parallel with the longitudinal axis of the assembled coupling and also having end faces which are at an acute angle to the corresponding side faces.

2,451,355
METHOD OF MAKING IDENTIFICATION TAGS
Joseph S. Pecker, Upper Darby, Pa., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application September 2, 1944, Serial No. 552,467
5 Claims. (Cl. 93—91)



1. In making tags of the type having an aperture and strand attaching means extending through the aperture with portions of strand extending along opposite sides of the tag from the location of the aperture to a location at the edge of the tag, the method which comprises holding said strand portions along opposite sides of the tag and fusing the two portions together at both of said locations.

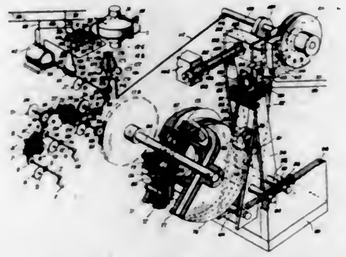
2,451,356
HOLLOW RIVET FOR PRESSURAL UPSETTING, METHOD OF UPSETTING, AND RESULTING JOINT
George D. Rechton, Los Angeles, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif., a corporation of Delaware
Application May 29, 1944, Serial No. 537,797
4 Claims. (Cl. 218—29)



3. A method of securing a rivet in aligned holes in a structure comprising: providing a continuous sleeve member of ductile material having a centrally disposed bore of substantially uniform diameter and having a relatively narrow wall and a head integral with one end thereof, inserting said sleeve member in said openings with the unheaded end projecting a substantial distance beyond said structure, providing a stem member formed from a ductile material substantially harder than that of the sleeve member and having at one end an integral head with an annular recess in its underside, and having at the other end a centrally disposed axial depression of substantial depth, the diameter of said stem member being substantially the same as the bore of said sleeve member and the length thereof being slightly greater than the length of said sleeve, inserting said stem member in said sleeve member so that the unheaded end of the latter bottoms in the recess in the head of the stem member with the opposite end of the stem member projecting slightly beyond the head of the sleeve member and with the stem-head spaced from the structure approximately three times the thickness of the wall of the sleeve, applying axially directed compressive forces to the two ends of said stem member to shorten it axially and expand it radially, and continuing the application of said forces to produce axial shortening and radial expansion of said sleeve to set up radial compressive forces between said stem and sleeve and between said sleeve and the walls of said openings and to cause outward buckling of the portion of the sleeve extending beyond the structure and shouldering of said buckled portion against the stem-head and the surface of said structure and also to flare the walls of said axial depression into forcible contact with the adjacent head of said sleeve member and enlarge the head end of the bore of said sleeve to lock the stem member to the sleeve member.

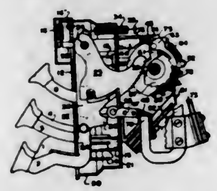
2,451,357
DIRECTOR FIRING SYSTEM
Elliott P. Ross, Forest Hills, and Harry S. Marsh, Great Neck, N. Y., assignors, by mesne assignments, to Ford Instrument Company, Inc., Long Island City, N. Y., a corporation of New York
Application March 31, 1932, Serial No. 602,373
Renewed February 25, 1935
18 Claims. (Cl. 89—28)

1. In a firing mechanism for a gun mounted on an angularly movable platform, the combination of a gyroscope mounted on the platform to measure the angular motion of the platform relative to a fixed datum, a firing switch, a computing mechanism for determining the angle of the platform relative to a horizontal datum with respect to which the gun is angularly set to be fired, a switch actuating means operatively con-



nected to said computing mechanism adapted to be set to close the switch at the computed value of said angle, means operatively connecting said switch actuating means with the gyroscope, and means operated by said gyroscope for advancing the closing of the switch in accordance with the velocity of the angular movement of the platform.

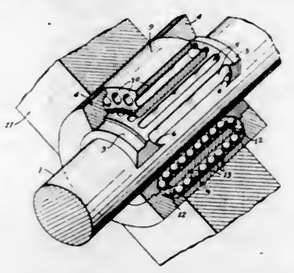
2,451,358
IMPULSE TRANSMITTER
Robert L. Sargisson, Berwyn, Ill., and Herbert F. Obergfell, deceased, late of River Forest, Ill., by Amanda Obergfell, executrix, River Forest, Ill., assignors to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application August 24, 1944, Serial No. 551,010
23 Claims. (Cl. 177—380)



1. In an impulse transmitter, a plurality of push keys corresponding to different digits, a shaft, a segment operated in response to the operation of any of said keys, a clutch assembly loosely mounted on said shaft, teeth on said segment meshing with teeth on said clutch assembly for moving said segment and clutch assembly in unison, a spring for returning said segment and said clutch assembly, means for operating said shaft only in response to the return movement of said segment and clutch assembly, an impulse wheel on said shaft operable therewith, and impulse contacts controlled by said impulse wheel for transmitting impulses.

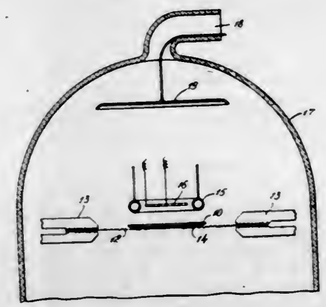
2,451,359
ROTARY AND SLIDING BALL BEARING
Theodore F. Schlicksupp, Long Island City, N. Y.
Application November 2, 1946, Serial No. 707,465
5 Claims. (Cl. 308—6)

1. A rotary and sliding ball bearing comprising a race member having a race sleeve adapted to surround a shaft, an outer sleeve surrounding the race sleeve, said race member and outer sleeve being relatively rotatable, the race sleeve having a number of longitudinally extending slots and said outer sleeve having a number of longitudinal ball-return passages, means at opposite ends of the race member for establishing a ball-guiding path from opposite ends of each longitudinal slot



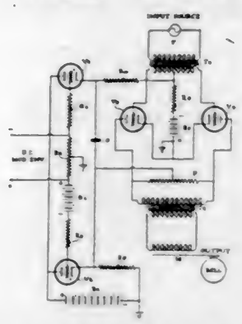
in the race sleeve to opposite ends of a ball-return passage in said outer sleeve to thereby provide an endless ball circuit, and antifriction balls completely filling each of such endless ball circuits, at least some of the balls in the longitudinal slots in the race sleeve constituting load-carrying balls adapted when the bearing is assembled on a shaft to make rolling contact with the surface of the shaft and the inner surface of the outer sleeve.

2,451,360
METHOD OF MAKING GRIDS
Joseph W. Skehan, Stamford, Conn., assignor to Machlett Laboratories Incorporated, Springdale, Conn., a corporation of Connecticut
Application January 24, 1947, Serial No. 724,077
4 Claims. (Cl. 29—25.14)



1. A method of making a grid including a rigid metallic annulus and a metallic mesh secured to the annulus to extend across the opening therethrough, which comprises subjecting the strands of the mesh in at least one dimension to tension, placing an annulus of a high melting point solder against one face of the mesh, placing the rigid annulus against the exposed surface of the solder, and, while maintaining the tension on the strands, heating the assembly to cause the solder to melt and wet the mesh and rigid annulus, and then discontinuing the heating of the solder to allow it to cool, while continuing the heating of the portion of the mesh exposed within the rigid annulus, until the solder has set.

2,451,361
OVERMODULATION ALARM
James Ernest Smith, Jackson Heights, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 31, 1944, Serial No. 529,007
4 Claims. (Cl. 250—17)



1. In an overmodulation indicator, a source of modulated energy, an amplifier stage tube having a control grid and cathode coupled to a source of voltage and having an anode and cathode coupled to an indicator, a resistor wherein a potential drop is developed which changes when the magnitude of the modulated energy changes, a first gas tube of the control grid type having output electrodes in circuit with a resistor for biasing the control grid of said amplifier, the arrangement being such that when the gas tube is conductive the amplifier tube is biased to cut off, a coupling between the control grid of said first gas tube and said first resistor such that said gas tube is conductive in the absence of overmodulation of said energy, a second gas tube of the control grid type having output electrodes including a resistor in a potential supply circuit for the anode of said amplifier, the arrangement being such that the potential on said anode is low when said last named gas tube is non-conductive, a coupling between the control grid of the last named gas tube and said first resistor such that said last named gas tube is non-conductive in the absence of overmodulation of said energy, and a charging capacitor intercoupling said gas tubes to help extinguish said first gas tube when said second gas tube is made conductive.

2,451,362
LINING COMPOSITION AND CONTAINER WALL LINED THEREWITH
Rudolph M. Snyder, Kansas City, Mo., assignor to Henry A. Johnson, Kansas City, Mo.
No Drawing. Application March 28, 1945, Serial No. 585,391
8 Claims. (Cl. 106—271)

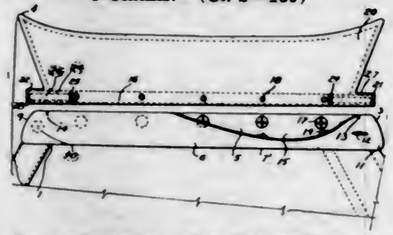
1. A coating composition adapted particularly for lining fiber containers to prevent the sticking thereto of asphalt and the like when the same is poured hot into the container and permitted to cool, said composition consisting essentially of water, dispersed particles of wax, bentonite and graphite, and a plasticizer of the hygroscopic type, said constituents being in homogeneous admixture and being present in proportions to provide a pasty, spreadable mass, with the bentonite present therein in substantially greater proportions than the graphite and the wax in substantially the same proportions as the bentonite, the said bentonite and graphite serving as the barrier constituents.

2,451,363
FISHING ROD HOLDER AND BAIT DIGGING APPARATUS
Edwin W. Sonner, Jr., Queens Village, N. Y.
Application August 21, 1947, Serial No. 769,893
1 Claim. (Cl. 248—38)



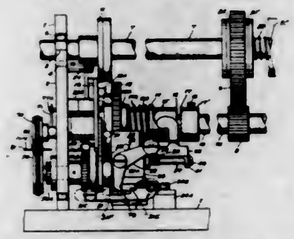
A combined fishing pole holder and bait digging device comprising, in combination, a tubular member and a spike, said tubular member being made with a bent-over flange at one end thereof, the circumferential edge of said flange being offset to form a narrow space between said edge and the tubular member, the latter being at the other end formed with oblong holes enlarged at their lower ends, whereby to permit a retraction of and sidewise movement of the spike in folding the latter upon the tubular member, said spike being semi-cylindrical and tapered at one end into a sharp point, the other end of said spike being formed with tubular enlargements upon each side thereof and having holes therein, a pin inserted through said holes and oblong openings whereby to secure the spike and tubular member, hingedly together, the tubular enlargements of the spike being formed upon each side with substantially flat surfaces extending beyond a vertical center line of the tubular member, whereby to secure a rigid engagement of the latter to the spike, when in extended position, said tubular member and spike being adapted to move a limited distance up and down relative to each other, when in said extended position, the point of the spike being adapted to be received in the space between the edge of the flange and the tubular member when the spike and said tubular member are folded upon each other.

2,451,364
GARMENT AND COLLAR COMBINATION
Ralph Spector, Kansas City, Mo.
Application October 25, 1946, Serial No. 705,622
5 Claims. (Cl. 2—139)



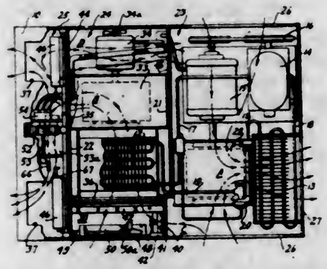
1. In combination with the neck band of a shirt having a pocket, a reversible collar having a band adapted to engage in said pocket and a collar portion, said band having portions extending beyond the collar portion, means in said pocket for engaging said collar band for retaining said collar on said shirt, and pockets in the respective ends of the neck band of the shirt for receiving the ends of the collar band for supporting said bands.

2,451,365
RECORD TAPE ADVANCING DEVICE
James A. Spencer, Teaneck, N. J., and James C. Warwick, Jr., Beechhurst, Long Island, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application October 22, 1943, Serial No. 507,272
6 Claims. (Cl. 346—79)



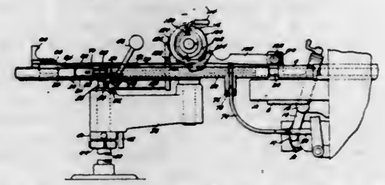
1. A printing tape space-out mechanism for tape printers comprising a tape feed wheel, a driven rotatable shaft, a recording shaft coupled to said driven rotatable shaft, a tape feed shaft secured to said tape feed wheel, clutch means coupled to said tape feed shaft to intermittently couple it with said driven rotatable shaft to space out a predetermined length of tape, and means including a cam on said clutch means and a clutch pawl adapted to engage said clutch means for uncoupling said recording shaft from said driven rotatable shaft when the clutch means on said tape feed shaft causes it to be coupled to said driven rotatable shaft.

2,451,366
AIR CONDITIONING APPARATUS
Matson C. Terry, Rydal, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application March 16, 1946, Serial No. 654,923
9 Claims. (Cl. 62—129)



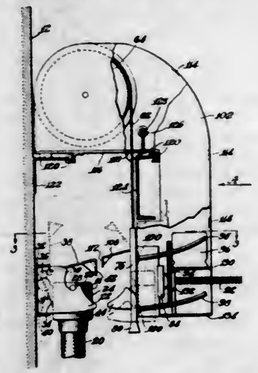
1. In air-conditioning apparatus: an air-conditioning-chamber; means operable to provide refrigeration in said chamber; control means adjustable to start and to stop the operation of the refrigeration-providing means; means including a damper structure selectively adjustable to direct the air from said chamber either to the inside or to the outside of a room; and mechanism including means operable to stop operation of the refrigeration-providing means upon adjustment of said structure to direct air from said chamber to the outside of the room, and also operable to adjust said structure to direct air from said chamber to the inside of the room upon adjustment of said control means to start operation of the refrigeration-providing means.

2,451,367
FEED MECHANISM
William E. Twamley, Providence, R. I., assignor to Brown and Sharpe Manufacturing Company, a corporation of Rhode Island
Application April 17, 1945, Serial No. 588,829
10 Claims. (Cl. 29—59)



1. A mechanism for feeding bar stock into an automatic screw or similar machine having a hollow work receiving spindle, which comprises a stock tube, supporting means on which the leading end of the tube is shiftable between an operative position in alignment with the spindle and a loading position out of alignment with the spindle, a pusher mounted within the stock tube, a drum and cable feeding device supported integrally with the stock tube and connected to advance the pusher, a step feeding device actuated in timed relation with the operation of the machine, a friction driving connection therefrom for advancing the drum, manual means for rotating the drum, a checking device normally operative to prevent a reverse cable unwinding movement of the drum, and a device for locking the tube in the operative position shiftable to release the tube and also to render the checking device inoperative.

2,451,368
HOSE HANDLING APPARATUS
Le Roy J. White and John F. White, Wilmington, Del.
Application October 11, 1945, Serial No. 621,810
10 Claims. (Cl. 214—95)



1. Hanging apparatus, for hanging a section of hose and the like which has a pair of round

lugs projecting outwardly for a substantial distance from opposite sides of one end thereof, comprising a stationary rack adapted to be fastened to a wall of a tower near the top thereof and including a pair of spaced outwardly extending stationary rack arms having transverse lug-receiving notches in their upper surfaces and lug-engaging surfaces sloping upwardly and backwardly to the notches, the rack arms being spaced apart by a distance slightly greater than the outer diameter of a hose but less than the distance between the outer ends of the lugs; and elevator and transfer means comprising a pair of spaced elevator arms having transverse lug-receiving notches in their upper surfaces and lug-engaging surfaces sloping upwardly and backwardly to the notches, the elevator arms being spaced apart by a distance slightly different than the rack arms but greater than the outer diameter of a hose, means for raising and lowering said elevator arms to and from a position opposite to but spaced from the rack arms, and means for moving the elevator arms forwardly until the notches thereof are in the transverse vertical plane of the notches of the rack arms and for returning the elevator arms to a position beyond the ends of the rack arms.

2,451,369
IGNITER
Irving H. Yarin, Chelsea, Mass.
Application May 2, 1945, Serial No. 591,555
4 Claims. (Cl. 175—115)

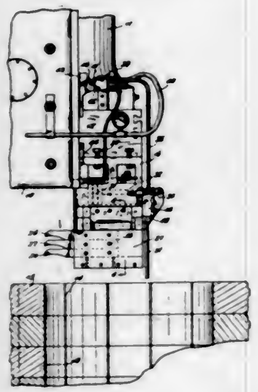


1. A combined conductor and sparking electrode for use in an igniter and comprising an elongate conductor element designed to be located within the bore of an insulating tube, the conductor having an enlargement at one end for engagement with one end of the tube and being screw threaded for a substantial portion of its length adjacent to its opposite end for the reception of a clamping nut engageable with the opposite end of the tube, the conductor having a bore extending inwardly from the outer surface of said enlargement, a sparking electrode having an end portion seated in the bore in the conductor, the inner end of said end portion being enlarged in diameter, the conductor being swedged thereby to reduce its internal diameter between its enlargement and the enlarged end of the sparking electrode, thereby firmly and permanently securing the sparking electrode in place.

2,451,370
LONG-CHAIN SECONDARY ALKYL N-SUBSTITUTED POLYMERIC STYRENE/MALEAMIC ACIDS AND DISPERSIONS CONTAINING THEM
Witty Lysle Alderson, Jr., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 30, 1946, Serial No. 666,176
9 Claims. (Cl. 260—78)

1. A process for the preparation of N-substituted polymeric amic acids which comprises reacting one mole equivalent of a styrene/maleic anhydride interpolymer, having a viscosity from 0.2 to 650 centipoises at 25° C. measured as a 15% solution in methyl ethyl ketone, in a solvent at a temperature of 20 to 150° C., with from 0.2 to 0.6 mole equivalent of a long chain secondary alkyl amine having a total of at least 18 carbon atoms in the combined alkyl groups, then adding to the reaction products from 0.8 to 0.4 mole equivalent of at least one of the substances selected from the class consisting of ammonia and lower primary amines containing less than seven carbon atoms.

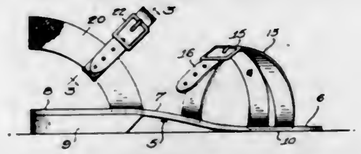
2,451,371
CUTTING TOOLHOLDING MEANS FOR MACHINE TOOLS
John A. Backstrom, Euclid, Ohio, assignor to The Breck Company, a corporation of Ohio
Application July 28, 1943, Serial No. 496,458
10 Claims. (Cl. 90—55)



2. In a machine tool of the type having a support, a reciprocable ram slidable on said support and adapted to carry a cutting tool, a work table, and means for reciprocating said ram to move the cutting tool carried thereby relative to the work on said table with a cutting stroke in one direction and an idle stroke in the opposite direction; holding means for the cutting tool comprising a tool carrying member supported by said ram to move relative thereto from an inactive position wherein the tool will be disengaged from the work during the idle stroke to an active position wherein the tool will engage the work with a cutting action during the cutting stroke, means for automatically moving said member to said active position at the end of the idle stroke, separate means acting to hold said member in said active position during the cutting stroke, and means carried by said ram and cooperating with said table substantially at the end of the cutting stroke to release said separate means and free said member for movement from its active position to its inactive position.

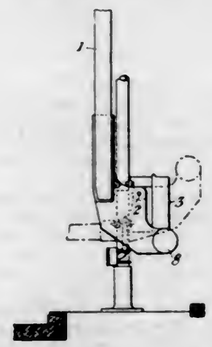
2,451,372
SANDAL WITH ADJUSTABLE FRONT AND REAR STRAPS
Clarence Eugene Ballenger, Spartanburg, S. C.
Application February 12, 1946, Serial No. 647,111
2 Claims. (Cl. 36—11.5)

1. A sandal having a vamp zone and a heel zone with independent foot-retaining assemblies thereat, the vamp zone having strap means partially concealed in the direction of sole width, the upper portion of said strap means being exposed, means for adjustably connecting said exposed upper portions together, said sandal being further characterized in that the heel assembly has a heel strap having its ends permanently connected to opposite sides of the sole at points approximating the front portion of the heel, the strap body being exposed and formed with a mid-zone spaced from the sole and adapted to lie above the heel of the wearer, the side portions of the heel strap extending upwardly and rearwardly in an arcuate path between the mid-zone and the end securing zones, said heel assembly also including a divided ankle-strap having loops each embracing a side portion of the heel strap with each loop freely movable



in the direction of length of the heel strap, the free ends of the ankle-strap extending forwardly and upwardly and carrying complemental means for adjustably varying the effective length of the ankle-strap, whereby the vamp and heel zone assemblies are each adjustable to compensate for growth of the foot of the wearer with a single adjustment for the vamp strap and dual adjustments for the ankle-strap of the heel assembly, the heel strap being formed of fabric material cut on the bias to thereby permit self-compensating shifting of the position of the mid-zone portion of the heel strap as needed by the foot growth.

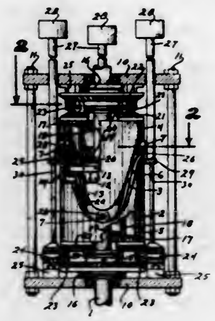
2,451,373
SPEED CONTROLLED MOTOR-DRIVEN GATE
Charles R. Beall, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application January 1, 1943, Serial No. 471,069. Divided and this application November 17, 1944, Serial No. 563,943
5 Claims. (Cl. 39—7)



1. In a highway crossing gate comprising a gate arm movable by motor means between raised and lowered positions, the combination of a governor of the friction brake type connected with the gate arm and including means effective to apply a brake to the motor at one speed when the gate is being lowered and at another speed when the gate is being raised.

2,451,374
ENGINE DRIVE
Joseph D. Bell, San Francisco, Calif.
Application December 5, 1944, Serial No. 566,765
6 Claims. (Cl. 74—57)

1. In an engine drive of the character described, a shaft, a cylinder mounted upon the shaft and having two axially spaced and symmetric cam tracks, two separate sleeves revolvable upon opposite ends of the cylinder in closely spaced relationship therewith and having corresponding axially spaced cam tracks registering with and of substantially the same pitch as the



cam tracks of the cylinder and forming crotches with said cylinder cam tracks upon relative turning movement, and a push pin extending from the outside of the sleeves through the space between the sleeve cam tracks and into the space between the cylinder cam tracks and in driving relation with all of the cam tracks.

2,451,375
CONVERSION OF HYDROCARBONS
Richmond T. Bell, Highland Park, Ill., assignor to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
No Drawing. Application April 17, 1944, Serial No. 531,488
5 Claims. (Cl. 196—52)

1. The method of cracking hydrocarbons comprising subjecting said hydrocarbons to suitable cracking conditions of time, temperature and pressure in the presence of an ester of an oxygen-containing phosphorus acid and a substance selected from the group consisting of halogens, hydrogen halides, carbon tetrahalides and organic halogen compounds.

2,451,376
SEPARATION OF OLEFINS FROM HYDROCARBON MIXTURES
George G. Bernard, Evanston, and Donald C. Bond, Northbrook, Ill., assignors to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
No Drawing. Application November 14, 1945, Serial No. 628,654
10 Claims. (Cl. 260—677)

10. A method of concentrating olefinic gases in a hydrocarbon gas mixture comprising contacting the mixture with a composition compris-

ing an aqueous solution containing in solution an acid, a cuprous salt, and a salt of a tertiary amine under super-atmospheric pressure, separating non-absorbed gas from the composition and then separating the absorbed gas from the composition.

2,451,377
HYDROGENATION OF TALL OIL
Harding Bliss, Hamden, Conn., and William C. Sussky, Little Rock, Ark., assignors to Dictaphone Corporation, New York, N. Y., a corporation of New York
No Drawing. Application May 18, 1945, Serial No. 594,605
7 Claims. (Cl. 260—97.5)

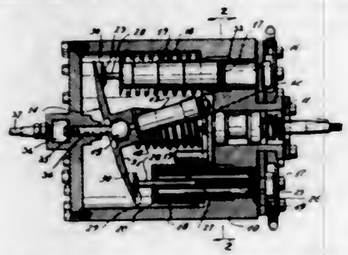
1. A method of producing a hard, fatty product from tall oil which comprises forming a mixture of tall oil and 1,4-dioxane containing from 0.3 to 2.0 parts of dioxane by weight per part of tall oil, hydrogenating the mixture in the presence of a finely divided metal catalyst at an elevated temperature and pressure, cooling the resulting product to cause said product to separate into a resin-containing liquid phase and a fatty, solid phase and separating said fatty solid from said resin-containing liquid.

2,451,378
PRECISION CANNON PINION TIGHTENER
Sven F. Bloom, Rutland, Mass.
Application August 18, 1947, Serial No. 769,512
5 Claims. (Cl. 81—6)

1. A bumping device comprising a base, a pair of spaced arms thereon, an element in each arm, interengaging means on the respective arms and elements for controlled adjustment of said elements toward each other, the elements being alined, a collet on the base, a longitudinally adjustable spindle in the collet and frictionally held therein for movement of the spindle against the friction of the collet, said spindle being pointed and disposed intermediate the elements and arms for holding an apertured workpiece between the elements, one of the latter being a bumping tool and the other acting as an anvil to resist deflection of the spindle under the action of the bumping tool and to position the workpiece.

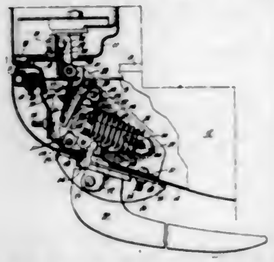
2,451,379
COMPRESSOR PUMP
Byron R. Burke, Los Angeles, Calif.
Application May 26, 1945, Serial No. 595,985
7 Claims. (Cl. 103—173)

1. A compressor or pump comprising means providing a wobble plate, means for driving the wobble plate, a plurality of cylinders arranged about the wobble plate, pistons reciprocable in the cylinders, spring means urging the pistons toward the wobble plate and connectors between the pistons and the wobble plate slidable toward the wobble plate relatively to their respective pistons and spring means urging said connectors



toward said wobble plate relatively to their respective pistons.

2,451,380
LATCH
George E. Curtiss, Jr., Penn Wynne, Pa., assignor to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application October 27, 1943, Serial No. 507,839
9 Claims. (Cl. 292—336)



1. In a door latch, a movable latching member, a toggle having one of its links anchored and its other link pivotally connected to said latching member and movable between an extended substantially straight line position and a retracted terminal position to move said latching member into and out of latching position, and spring means impinging against the knuckle of said toggle for moving said member into extended position.

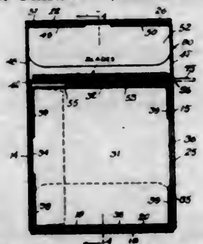
2,451,381
REFRIGERATOR DOOR LATCH
George E. Curtiss, Jr., Penn Wynne, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application December 24, 1943, Serial No. 515,570
11 Claims. (Cl. 292—332)

1. A door latch comprising a movable latching member adapted to engage a keeper, a support, toggle means movable to extended and retracted positions to move said member into and out of latching engagement with said keeper respectively, said toggle means comprising a first link having one end pivoted on said support and a second link having one end pivoted on said latching member, said links being pivoted together at their other ends to form a knuckle, spring means interposed between said toggle means and a reaction point removed therefrom effective to move said toggle to its extended position with the said knuckle disposed at one side of the line of thrust of the spring with respect to the pivot of the first link on said support, and manual means for moving said toggle to its retracted position with the knuckle disposed at the opposite side of said line,



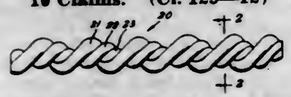
said toggle being resiliently held in said retracted position by said spring means.

2,451,382
COMBINED DISPENSING AND BLADE HOLDING BOX
Albert G. Davis, Newton Center, Mass., assignor to The Nevins-Church Press, New York, N. Y., a corporation of New York
Application October 31, 1945, Serial No. 625,835
2 Claims. (Cl. 206—16)



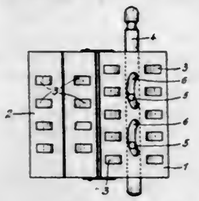
1. A container for razor blades, or the like, comprising an outer container having a slot in one wall thereof, a used blade container within said outer container having a slot in register with said slot in the outer container, a projection on said used blade container, a new blade container positioned above said used blade container within said outer container and slidably mounted for limited movement within said outer contaainer, the bottom of said new blade container defining an opening at one end thereof through which said projection on said used blade container extends, a slot in one wall of said new blade container at the opposite end thereof whereby the movement of said new blade container in one direction will cause a blade to be engaged by said projection and ejected through said slot and whereby movement of said new blade container in the opposite direction will deliver said blade extending through said slot.

2,451,383
WIRE SAW STRAND
Pierre de Vitry d'Avaucourt, Bainbridge, Pa.
Application December 7, 1945, Serial No. 633,430
10 Claims. (Cl. 125—12)



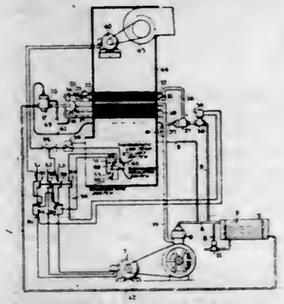
1. A twisted wire saw strand comprised of a plurality of intertwisted wires all of different diameters.

2,451,384
RAZOR BLADE SHARPENING APPARATUS
Thorbjörn Fjeld, Oslo, Norway, assignor to Rolf Arboll, Oslo, Norway
Application February 27, 1946, Serial No. 650,551
In Norway June 29, 1943
2 Claims. (Cl. 51—158)



1. In a sharpening device for razor blades, the combination of a casing consisting of two portions which are hinged together along one edge, sharpening members on the inner surface of both portions for sharpening the opposite edges of both sides of a razor blade when the latter is arranged therebetween, a pin reciprocably and turnably mounted in one of the said portions, studs carried by and engageable with the razor blade for holding the latter in position between the sharpening members during the sharpening, the said pin projecting outside the casing to provide an operating handle for facilitating the movement of the pin, that portion of the casing housing the pin having longitudinal arched slots on the inside wall thereof adapted to guide the said studs during the sharpening so as to impart to the latter and thus to the blade a reciprocating and at the same time a transverse movement.

2,451,385
CONTROL OF CONVERTIBLE EVAPORATOR-CONDENSERS FOR USE IN REFRIGERATIVE CIRCUITS
Keith P. Groat, York, Pa., assignor to York Corporation, York, Pa., a corporation of Delaware
Application July 22, 1946, Serial No. 685,436
4 Claims. (Cl. 62—115)



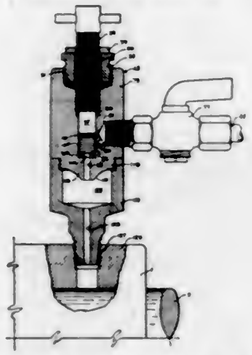
1. The combination of a refrigerative circuit including an evaporator having an inlet for volatile refrigerant and a suction connection; flow controlling means at said inlet adapted to permit free flow into the evaporator and restricted flow in the reverse direction; valve means controlling said suction connection; yielding means normally maintaining said valve means open; a combined expansible chamber motor and flow controller adapted to close said valve means when said motor is subjected to pressure, and so arranged that as the motor moves in valve closing direction it first throttles flow through said valve means and then

opens a passage from the expansible chamber motor to the evaporator; a source of warm refrigerant gas under pressure; and a valve controlling flow therefrom to said motor.

2,451,386
ISOMERIZATION OF 1,4-DICYANO-2-BUTENE
Glenn F. Hager, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 20, 1947, Serial No. 756,097
6 Claims. (Cl. 260—465.8)

1. A method for isomerizing 1,4-dicyano-2-butene to 1,4-dicyano-1-butene which comprises maintaining a solution of 1,4-dicyano-2-butene in a non-hydrolyzing reaction medium having a dielectric constant at 18° C. above 10 in liquid phase contact with a hydrogenating metal at an elevated temperature between 50° and 175° C. until 1,4-dicyano-1-butene is formed.

2,451,387
LUBRICATOR
Frank B. Harvuot, Fort Wayne, Ind., assignor to Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana
Original application July 27, 1942, Serial No. 452,513. Divided and this application February 18, 1944, Serial No. 522,936
7 Claims. (Cl. 138—46)



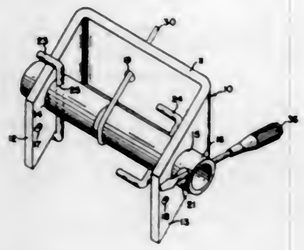
1. In a lubricant feeding device, an inlet duct, an outlet duct, a chamber connecting said ducts, a helical rate of flow control element in said chamber, disposed to separate said ducts, said element being so positioned in said chamber as to cause lubricant to pass through the element in substantially a radial direction.

2,451,388
SHEET POSITIONING AND FEEDING DEVICE FOR PRINTING PRESSES
Richard D. Hawes, Los Angeles, Calif.
Application September 10, 1947, Serial No. 773,097
11 Claims. (Cl. 271—60)



10. A sheet feeding device for tilting printing press transfer boards, which device comprises a box member having an open front, a flap suspended within said open front to feed a sheet upon movement by gravity, a lip protruding from said flap to overlie the contacting edge of a sheet, a slot in the bottom of said box member, a tongue extending downwardly into said slot to limit movement of said flap, and a ball within said box for gravity movement against said flap to impel movement thereof.

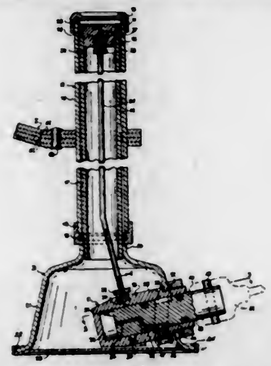
2,451,389
LINE STRETCHER
Earl L. Howe, Dayton, Ohio
Application July 24, 1946, Serial No. 685,805
8 Claims. (Cl. 254—161)



8. A line-stretching device comprising a substantially U-shaped body member, a rod-like member extending through and journaled in the side walls of said U-shaped member, said rod-like member having means for attachment of a line thereto and further having means for engagement by a tool for rotation of said rod-like member in said U-shaped member, a U-shaped detent member extending radially through said rod-like member adjacent each of the side walls of said U-shaped member and freely rotatable therein and disposed angularly relative to one another for alternate engagement with the walls of said U-shaped member thereadjacent, an opening through the base portion of said U-shaped member through which a line passes for engagement to said rod-like member, and an opening through each of the sides of said U-shaped member closely adjacent the ends thereof to receive means for attaching said U-shaped member to an object.

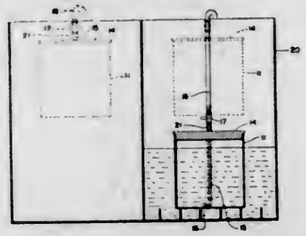
2,451,390
HYDRAULIC JACK
Marion W. Humphreys, Euclid, Ohio, assignor to Euclid Production Development Corp., Euclid, Ohio, a corporation of Ohio
Application August 22, 1946, Serial No. 692,205
1 Claim. (Cl. 103—157)

A liquid pump comprising a member having an annular aperture therein closed at one end and annularly spaced inlet and outlet ports opening into said aperture adjacent to but spaced from said closed end, a piston rotatable in said aperture, valving means associated with said piston for alternately connecting said ports with the portion of said aperture intermediate the closed end thereof and said piston upon rotation of said piston, and means comprising a cooperating cam groove and roller associated with said member and said piston for reciprocating said piston through a predetermined stroke upon rotation thereof, said cam groove having a recess or aperture in one side thereof permitting movement of said piston beyond said predetermined stroke and said piston having an aperture therein effective upon axial movement of said piston beyond said



predetermined stroke for connecting said ports together.

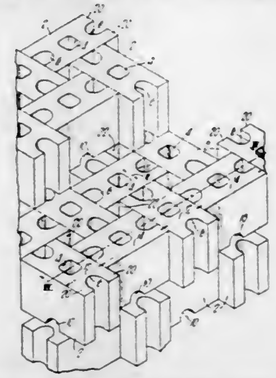
2,451,391
APPARATUS FOR SURFACE TREATING SMALL OBJECTS
Andrew Keck, Gahanna, Ohio, assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application May 6, 1944, Serial No. 534,468
2 Claims. (Cl. 91—46)



1. Apparatus for use in coating manufactured objects of the character described, comprising a container into which said objects are introduced, said container having a perforated bottom through which coating material containing a liquid solvent may be introduced into the container to coat said objects and may thereafter drain to remove excess material from said objects, and means for directing a jet of a gaseous medium into the container in such manner as to elevate said objects and thereby increase the effectiveness of the gaseous medium in evaporating the solvent of the coating material on said objects.

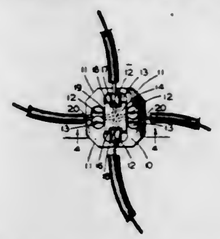
2,451,392
CHECKERWORK AND BRICK THEREFOR
Truman H. Kennedy, McKeesport, Pa., assignor to National Tube Company, a corporation of New Jersey
Application August 10, 1945, Serial No. 610,023
10 Claims. (Cl. 263—51)

10. A checkerbrick comprising a refractory rectangular parallelepiped having at least one vertical flue therethrough and having at least one open-ended flue on each end thereof, the number of said central flues being the square of the number of open-ended flues on either end thereof, said central flues being so disposed that the flues in superposed right angularly disposed bricks will be in alignment, the side walls of said brick being substantially flat throughout their



length whereby the open-ended flues of a right angularly disposed brick in contact therewith will be closed by said flat side walls.

2,451,393
BRIDGE FOR JUNCTION BOXES
Henry Kershaw, Belleville, N. J.
Application November 4, 1947, Serial No. 783,932
4 Claims. (Cl. 173—324)

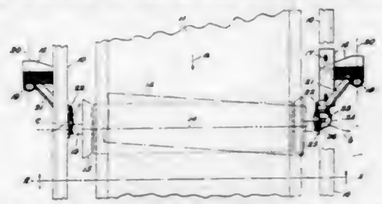


2. A bridge for connecting a plurality of wires, said bridge being formed of conducting material and including a face and having lugs stamped therefrom forming openings adjacent to the lugs, the ends of the wires being adapted to be arranged upon the face of the bridge and the lugs bent over the same, and a plate formed of conducting material to cover the ends of the wires and having arms to be extended through certain of the openings for interlocking engagement with the bridge.

2,451,394
SELF-ALIGNING CONVEYER ROLL MOUNTING
Robert E. Klein, West Allis, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 12, 1945, Serial No. 604,601
7 Claims. (Cl. 198—202)

1. In belt conveyor and like apparatus, having spaced frame members, and a belt arranged to travel between them in a normal path from which it may deviate laterally at times: an arm pivotally mounted on each frame member for swinging movements transversely of the direction of belt travel, the pivotal axes of the arms being inclined in a direction longitudinal of the belt; a shaft engaging and supported by the free ends of said arms, the length of said shaft being less

than the distance between the pivotal axes of the arms, whereby to dispose the latter in converging relation; and a belt engaging roll carried by the shaft.

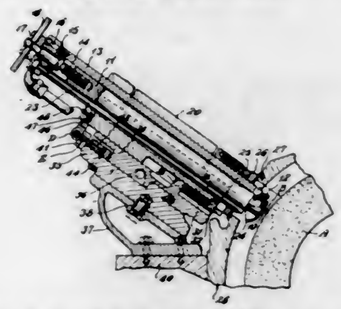


2,451,395

TRUING MECHANISM FOR GRINDING WHEELS

Joseph Frank Klukan, Garfield Heights, Ohio, assignor to Chandler Products Corporation, Euclid, Ohio, a corporation of Ohio

Application August 21, 1945, Serial No. 611,726
5 Claims. (Cl. 125—11)



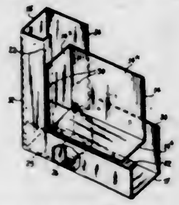
1. In a grinding wheel profiling device, the combination of a diamond holder, means adapted to support said diamond holder for movement toward and from a grinding wheel, a cam, a cam follower having a surface of varying width adapted to engage said cam for limiting the movement of said diamond holder toward the grinding wheel, means for producing relative movement between said cam and said cam follower, and means for adjusting said cam follower whereby different portions of said surface of varying width are caused to engage said cam.

2,451,396

METAL DOOR AND PANEL CONSTRUCTION

Donald Keith Macleod, Wooster, Ohio, assignor to United Steel Fabricators, Inc., Wooster, Ohio, a corporation of Ohio

Application July 13, 1945, Serial No. 604,739
4 Claims. (Cl. 189—46)



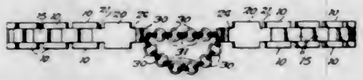
1. A metal door comprising, a polygonal sheet metal frame extending around a polygonal frame opening, and a polygonal sheet metal panel disposed in said frame opening, said frame being of a substantially channel-shaped integrally formed cross-section and having spaced flanges extending therealong on the side adjacent the frame opening, one of said flanges projecting laterally toward the frame opening and beyond the other flange and said other flange having an in-turned edge portion extending toward said one flange, said panel having a body portion connected directly to said one flange and also having a marginal flange extending therearound and connected directly to the in-turned edge portion of said other flange.

2,451,397

APPAREL BELT OR CHAIN

Carl G. Marquardt, Chatham, N. J., assignor to Sterling Injection Molding, Inc., Buffalo, N. Y.

Application September 28, 1945, Serial No. 619,211
7 Claims. (Cl. 2—338)



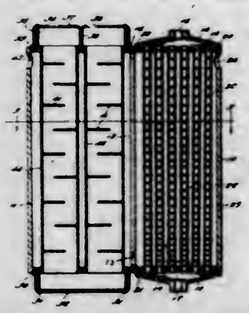
1. An ornamental article comprising a plurality of alternately disposed main and connecting links, said main links each having longitudinally extending bar portions formed integral near their opposite ends with pivot portions, said connecting links having a pair of outwardly extending ribs at each end thereof which are spaced apart to receive between them said pivot portions of adjacent links, the outer edges of said ribs extending toward each other to retain said pivot portions in place between said ribs, to permit turning of said main and connecting links relatively to each other.

2,451,398

HEAT EXCHANGER

Ernest D. Marquette, St. Albans, Vt.

Application November 9, 1944, Serial No. 562,687
1 Claim. (Cl. 257—220)



A heat exchange unit for simultaneously preheating air and fuel carried to the carburetor of an internal combustion engine by the water heated in cooling the engine, comprising two juxtaposed shells having a common wall formed with a port extending through the lower end thereof, one of said shells having an inlet port at its upper end for receiving heated water from the engine-cooling system and the other shell having an outlet port at its upper end for discharging the water back to said engine-cooling system, common upper and lower apertured cover plates for said shells, a plurality of pipes having

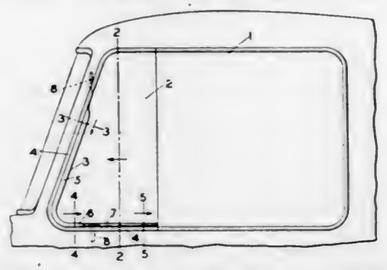
internally formed, alternately arranged baffles circumferentially and concentrically disposed in one shell between said closure plates therefor, a pair of enlarged pipes having internally formed alternately arranged baffles disposed in said other shell between the portions of the closure plates at the opposite ends thereof, upper and lower centrally ported outlet and inlet caps secured to said plates at the ends of said first-mentioned shell adapted for connection with the fuel supply line leading to the engine carburetor, combined inlet and outlet caps removably secured on the plate overlying said second-mentioned shell for connection with the air inlet supply to the engine carburetor and a single cap removably secured on the plate at the lower end of said last-mentioned shell forming a return or bypass for the air passing through the enlarged pipes in said shell.

2,451,399

RAIN GUTTER FOR AUTOMOBILE WINDOWS

Ralph V. Martin, Philadelphia, Pa.

Application October 3, 1945, Serial No. 620,081
1 Claim. (Cl. 296—44)



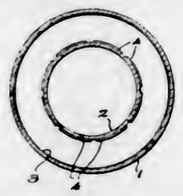
Gutter for vertically pivoted wing type auto window comprising a strip bent longitudinally to conform in shape with the forward and bottom edges of the window with means for securing said strip to the window, that portion of the strip extending along the forward edge being bent transversely to form a rearwardly open gutter and merging into a tubularly bent closed gutter from a point forward of the pivot line of the window, said tubular form extending to the rear edge of the window and opening rearwardly.

2,451,400

PHOTOELECTRIC TUBE

Oran T. McIlvaine, St. Charles, Ill.

Application September 9, 1944, Serial No. 553,411
2 Claims. (Cl. 250—168)



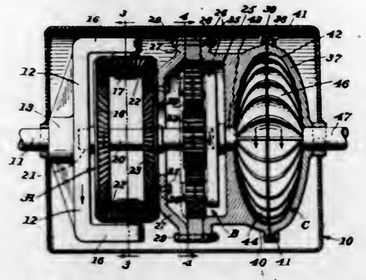
1. A photo-electric tube comprising a double-walled vessel having an unobstructed longitudinal passageway therethrough and having a transparent window, an open-ended tubular cathode having a continuous photo-sensitive surface and mounted within the vessel substantially concentric with said passageway, and a plurality of circumferentially spaced anodes extending about the passageway and within the cathode, said anodes having peripheral surfaces in opposed relation to the cathode and substantially parallel with the electron emitting surface thereof in positions for electronic discharge from the cathode to the several anodes through substantially parallel paths.

2,451,401

TRANSMISSION

Hubert R. Mitchell and Charles M. Sobotka, Hartselle, Ala.

Application June 10, 1947, Serial No. 753,748
1 Claim. (Cl. 74—189.5)



A power transmission unit comprising a housing, a rotary fluid coupling case in said housing, a planetary gear case in the housing and fixed to said coupling case, a drive shaft extending at one end into said housing, a yoke member in said housing and connected to said drive shaft, said yoke member having inwardly extending bearing studs, a differential gear mechanism in said housing including an intermediate shaft, a bevel gear keyed to said intermediate shaft, pinions carried by said bearing studs and meshing with said bevel gear, a complementary bevel gear fixed to said planetary gear case and having a central opening through which extends said intermediate shaft, a planetary gear set in said planetary case including a carrier member having spaced bearing studs, said carrier member and said yoke member having aligned recesses into which extend the ends of said intermediate shaft, a sun gear keyed to said intermediate shaft, pinions carried by the bearing stud on said carrier member and meshing with said sun gear, an internal ring gear carried by the planetary case and meshing with said last mentioned pinions, said carrier member having a stub shaft extending into said fluid coupling case, vanes in said coupling case and connected to said stub shaft so as to be rotatable therewith, co-acting vanes fixed to the interior wall of said coupling case, and a driven shaft connected to the rotary coupling case and the fixed vanes.

2,451,402

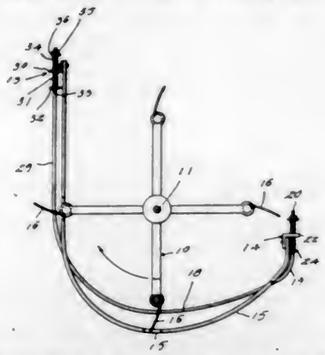
RAKE

John H. Myers, Tornillo, Tex.

Application August 18, 1944, Serial No. 550,064
5 Claims. (Cl. 56—377)

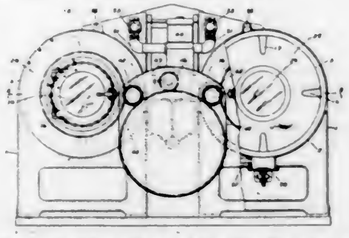
1. In a rake having a frame formed of horizontal bars and a rotary raking reel, a stripper means for the reel comprising a substantially U-shaped member having the legs thereof upright, the rear leg of said member being substantially shorter than the front leg thereof, said legs slidingly engaging through said horizontal

bars, and yieldable means engaging the free ends of the legs of said member holding said mem-



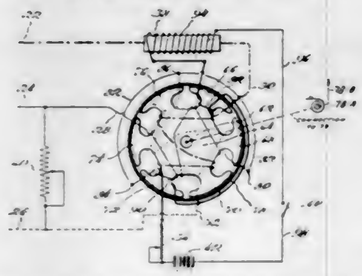
ber against vertical sliding movement in at least one direction.

2,451,403
MACHINE USED IN LAUNDRIES FOR WASHING OR DRYING ARTICLES
Stanley Newbery, Peterborough, England, assignor of one-half to James Armstrong & Company Limited, London, England, a body corporate of Great Britain
Original application December 9, 1944, Serial No. 567,335. Divided and this application February 8, 1946, Serial No. 646,424. In Great Britain December 14, 1943
1 Claim. (Cl. 68—27)



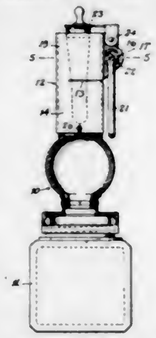
A laundry machine of the kind set forth, comprising in combination a main frame mounting a pair of drums with their axes horizontal and parallelly disposed, an access aperture in each end of each drum, a cage with an access aperture in each end revolubly mounted in each drum with its said apertures concentric with the periphery of said cage and aligned with the respective apertures in such drum, a door at each end of each drum operative to close fluid-tightly the aperture in said end and also to substantially close the aligned aperture in the respective cage while permitting the latter to rotate, bearing rings fast with the end walls of said drums and cages and surrounding the access apertures therein, antifriction bearings between said rings at each end of each cage, a main driving shaft rotated by a source of power, a ring gear fast with each cage and disposed within the respective drum concentric with the cage and surrounding its respective bearing rings, a driving pinion in each drum meshed with the respective ring gear and having its driving shaft extending outside the drum through a bearing in the respective end wall thereof, said ring gears and driving pinions being positioned to leave unobstructed the said access openings, and a main driving gear common to the said cages and arranged externally of the drum at one end of the machine with its axis horizontally disposed in the central longitudinal vertical plane of the machine, said main gear being driven by said main driving shaft through reduction gear and being operative to drive the shafts of said driving pinions meshed with the ring gears through transmission gears fast with said shafts.

2,451,404
INDUCTIVE ELECTRICAL INDICATOR WITH COMPENSATED DAMPER
Horace M. Norman, Skokie, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application August 20, 1943, Serial No. 499,329
4 Claims. (Cl. 171—95)



1. An electrically operated indicating unit for a speedometer or the like of the type comprising an induction rotor and revolving magnetic field producing means for moving said rotor, including in combination, a source of electrical energy, means energizable from said source for producing a stationary magnetic field acting upon said rotor to damp said rotor, and means associated with said revolving field producing means providing compensation for the heating of said revolving field producing means by the energy flowing through said stationary magnetic field producing means.

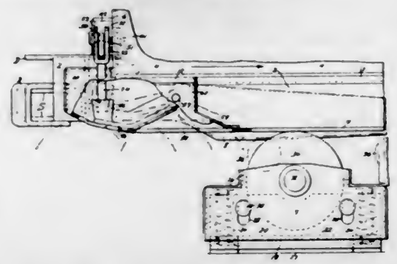
2,451,405
COMBINATION CLAMP AND CLOSURE
George W. Oakes, Crystal City, Mo.
Application November 1, 1944, Serial No. 561,411
3 Claims. (Cl. 138—89)



1. A device of the character described comprising a tubular part adapted to surround a conduit made of resilient material, said tubular part having a transverse slit providing an attaching

section and a clamping section, said attaching section serving for attaching the device to said conduit, said clamping section being split longitudinally and inherently resilient so as to be expansible and contractible, and actuating means to contract the clamping section for the purpose of compressing said conduit into a fluid-tight connection with an article to be filled with fluid, and to allow the clamping section to expand to decompress the conduit for the purpose of releasing said article, said actuating means consisting of lugs on said clamping section, a screw extending loosely through said lugs, nuts on said lugs respectively, and a handle connected with said screw to rotate it causing the nuts to bear on the lugs to contract the clamping section and to withdraw the nuts to allow the clamping section to expand, for the purposes stated.

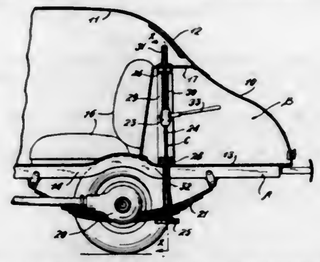
2,451,406
MINE CAR LATCH ASSEMBLY
Herman H. Pancake, Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application December 16, 1943, Serial No. 514,467
14 Claims. (Cl. 214—58)



1. In a drop bottom mine car having load retaining side walls and side sill members, a drop bottom door hingedly carried by the car, and a latch assembly carried by the car and including a part mounted for swinging movement transversely of the car and normally engaging the door to retain the same in raised position and movable to release the door for opening, said latch assembly also including an operator part carried by a side sill member and extending longitudinally of the car and located wholly within the area defined by the outermost boundary planes of the side sill member.

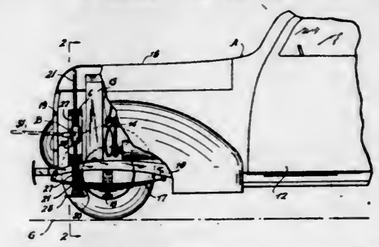
2,451,407
VEHICLE ATTACHED JACK OPERATED FROM LUGGAGE COMPARTMENT
Vincent R. Paolucci, Cleveland Heights, Ohio
Application April 27, 1945, Serial No. 590,596
3 Claims. (Cl. 254—86)

1. In a motor-driven vehicle, a frame having spaced side members, a body secured to said frame, reenforcing means attached to said spaced side members of the frame adjacent one end of the latter and extending transversely thereof, a vertically extending elongated hollow member attached to said reenforcing means at substantially the mid-point of the latter, and a jack mechanism including two relatively movable members one of which is elongated and disposed in said hollow member with a sliding fit and the other of which is operatively connected to said reenforcing means, non-rockable means on the lower end of said elongated movable member adapted to engage the ground, and manually operable mechanism disposed within the confines of said body and adapted to be actuated through an opening in the latter to produce relative movement between said relatively movable members.



2. In a motor-driven vehicle including a frame having a body attached thereto and provided with a luggage compartment, the combination of a reenforcing means within said luggage compartment extending transversely thereof and attached to said frame, an elongated vertically extending hollow member attached to said reenforcing means at substantially the mid-point of the latter, and a jack mechanism including two relatively movable members one of which is elongated and disposed in said hollow member with a sliding fit and the other of which is operatively connected to said reenforcing means, the said elongated movable member extending through an opening in said luggage compartment and being provided with non-rockable means on its lower end adapted to engage the ground, and manually operable mechanism disposed within the confines of said luggage compartment and adapted to be actuated through an opening in the latter to produce relative movement between said relatively movable members.

2,451,408
LIFTING DEVICE FOR AUTOMOBILES
Vincent R. Paolucci, Cleveland Heights, Ohio
Application November 28, 1945, Serial No. 631,310
3 Claims. (Cl. 254—86)



1. In a motor-driven vehicle including a frame having a radiator and an ornamental grill mounted adjacent the forward end of said frame with the grill having an opening therethrough, a transversely extending supporting member attached to said frame between said radiator and grill, a vertically extending elongated hollow member attached to said supporting member at substantially the mid-point of the latter and of the width of said vehicle, and a jack mechanism including two relatively movable members one of which is elongated and disposed in said hollow member with a sliding fit and the other of which is operatively connected to said supporting member, non-rockable means on the lower end of said

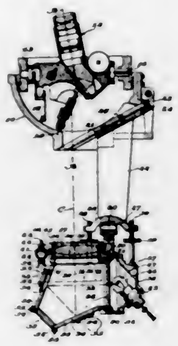
elongated member adapted to engage the ground, and manually operable means disposed between said radiator and grill and adapted to be actuated through the opening in the latter to produce relative movement between said relatively movable members.

2,451,409

PORTABLE COLLIMATOR APPARATUS FOR TESTING THE GYROSCOPE AND OPTICAL SYSTEM OF BOMBSIGHTS

Stanton H. Petry, Evanston, and Hartland S. Snyder, Chicago, Ill., assignors to Victor Adding Machine Co., Chicago, Ill., a corporation of Illinois

Application February 19, 1945, Serial No. 578,774
7 Claims. (Cl. 88—1)



1. An instrument for testing and checking the telescope and static balance of a gyro-stabilized bombsight comprising, in combination, a bracket having means for detachably securing it to a fixed part of the bombsight; a collimator housing universally connected to said bracket; a pair of spirit levels carried by the housing and disposed at a right angle relative to one another; a plurality of levelling screws arranged to adjust said housing relative to said bracket to bring the bubble of said levels to a neutral position; a reticle mounted within said housing; a light source to one side of said reticle; and an objective lens positioned to receive light from the reticle and foused upon said reticle whereby a vertical column of light having parallel rays is emitted from the collimator, said ray of light being vertical when said spirit levels are in neutral position and being used in checking various positions of the bombsight telescope cross hairs with respect to said reticle, substantially as described and for the purposes set forth.

2,451,410

THERMOSETTING LAMINATING SIRUPS

Edgar M. Queeny, Kirkwood, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Missouri

No Drawing. Application November 19, 1947, Serial No. 787,022
6 Claims. (Cl. 260—38)

1. A laminating syrup comprising from 1 to 15 parts of silica areogel and 100 parts of a thermosetting resin taken from the group consisting of phenol-aldehyde, melamine-aldehyde, urea-aldehyde, dicyandiamide-aldehyde resins, melamine-urea-aldehyde and melamine-dicyandiamide-aldehyde resins.

2,451,411

SATURATED POLYHALOALKYL SULFIDES AND METHODS FOR THEIR PREPARATION

Maynard S. Raasch, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 7, 1946, Serial No. 652,825
12 Claims. (Cl. 260—608)

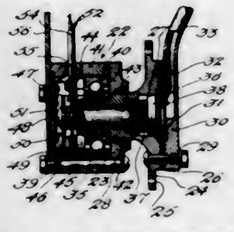
1. A bis(2-chloropolyhaloethyl) disulfide containing five halogen atoms attached to each ethyl group of which at least three are fluorine atoms.

2,451,412

PRESSURE SWITCH

James W. Richbourg, Vidalia, Ga., assignor of two-fifths to G. H. Gibson, Vidalia, Ga.

Application January 14, 1946, Serial No. 641,058
4 Claims. (Cl. 200—58)



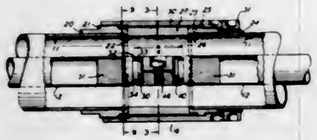
1. An air pressure indicator comprising a tubular body, a cover plate on one end of the body having an air chamber aligning with the bore in said body, a diaphragm between the air chamber and the body, a plunger slidable in the tubular body, means yieldingly to urge the plunger against the diaphragm, means establishing communication between the air chamber and a pressure chamber, an anti-friction bearing on the tubular body, a housing mounted on the anti-friction bearing, a contact on the plunger within the housing and spaced contacts carried by the housing adapted to be engaged by the contact on the plunger for closing an electrical signaling circuit.

2,451,413

COUPLING DEVICE FOR CONCENTRIC CONDUCTOR LINES

Albert L. Robinson, South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 20, 1943, Serial No. 514,947
7 Claims. (Cl. 178—44)



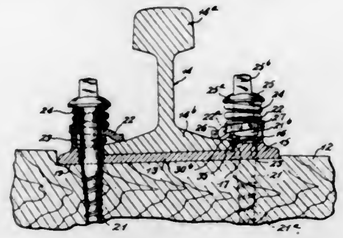
1. In combination in a transmission line including a plurality of sections of outer and inner conductors, means for maintaining concentric spacing between said conductors, means for connecting adjacent sections of outer conductor, and means for connecting each pair of adjacent sections of inner conductor subject to variations in length, comprising means attachable to one end of each pair of said sections of inner conductor being connected, a perpiheral depression provided in a portion of each of said attachable means, and further means slidable in said depressed portions of said attachable means for enabling said last-mentioned connecting means to be of variable over-all length to compensate for the variations in the lengths of said sections of inner conductor being connected.

2,451,414

RAIL HOLDING DEVICE

Jacob Rush Snyder, Cleveland, Ohio

Application November 8, 1946, Serial No. 708,594
13 Claims. (Cl. 238—349)



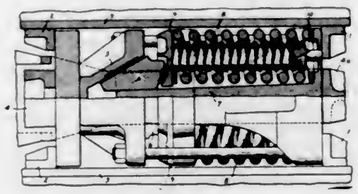
1. In a fastening for a rail having a base flange, a two-piece clamp comprising a lower clamp member having a fulcrum portion thereon and an upper clamp member rockable on said fulcrum portion and having a bearing portion in overlapping engagement with said flange, said upper and lower clamp members having substantially aligned openings therethrough, a fastening member extending through said openings, and a spring on said fastening member and acting on said upper clamp member to apply downward pressure therethrough to said flange, said lower clamp member being of a shape such that the fulcrum portion thereof is located wholly on the side of said fastening member remote from said rail.

2,451,415

RAILWAY CAR DRAFT GEAR

Hubert L. Spence, East Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio

Application July 19, 1943, Serial No. 495,239
6 Claims. (Cl. 213—36)



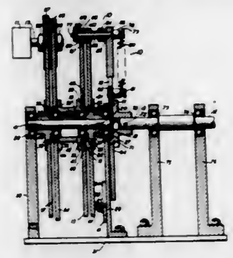
3. A friction draft gear comprising a friction member, a wedge member, a friction shoe interposed between said friction member and wedge member, spring means reacting at one end on said shoe for urging said member and shoe into frictional contact, abutment means engaging the other end of said spring means and slidably associated with said friction member, said abutment means being normally adapted for engagement with the rear draft lug of a car, and means for moving said friction member relatively to said abutment means in draft so as to cause said spring means to act with a constant force against said shoe during a portion of the travel of said gear in draft, said abutment means being adapted to engage the rear draft lug throughout the travel of said gear in buff to cause said spring means to act with increasing force against said shoe during travel of said gear in buff.

2,451,416

INTERMITTENT DRIVE DEVICE

Frank M. Thomas, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application July 6, 1946, Serial No. 681,653
8 Claims. (Cl. 74—125.5)



1. A drive device comprising a plurality of notched wheels driven at relatively different speeds, means for driving said wheels, a rotatable member and a connecting member extending from said rotatable member and into contact with said wheels and operable to engage in the notches in said wheels when the notches in said wheels are in register, said connecting member operating to transmit rotational movements of one of said wheels to said rotatable member when the notches in said wheels are in register with each other and with said connecting member.

2,451,417

STEEL WOOL

James R. Thompson, Shaker Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey

No Drawing. Application August 31, 1945, Serial No. 613,955
6 Claims. (Cl. 75—125)

1. Steel wool containing from about 0.10 to about 0.15 per cent carbon, from about 0.65 to about 0.95 per cent manganese, a maximum of about 0.11 per cent phosphorus, a maximum of about 0.06 per cent sulphur, from about 0.20 to about 0.50 per cent copper, from about 0.10 to about 0.50 per cent nickel, from about 0.001 to about 0.005 per cent boron, and the remainder substantially all iron.

2,451,418

METHOD OF AND APPARATUS FOR REDUCING VISIBLE VAPORS ABOVE OPEN VATS AND THE LIKE

George Tree, Gary, Ind., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey

Application April 2, 1947, Serial No. 739,026
4 Claims. (Cl. 98—1)

1. The herein described method of reducing visible vapors above open vats and the like containing aqueous liquids, consisting in heating the

air above the level of said liquid adjacent the upper edges of the vat to a temperature prevent-



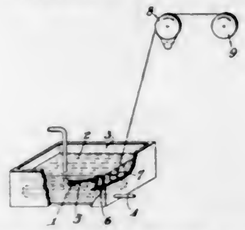
ing appreciable condensation of the moisture content of the vapors arising from said liquid.

2,451,419
DUPLEX MICROMETER GAUGE
Roy M. Vinyard, Portland, Oreg.
Application September 2, 1947, Serial No. 771,648
3 Claims. (Cl. 33—181)



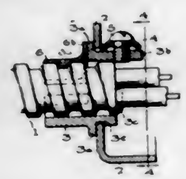
1. A gage set for measuring alined internal parts of a device having an enclosing housing and cap threaded on the housing with stop means limiting their threaded engagement, said set comprising two micrometer gages, each having a body and a micrometer screw, said bodies having threads by which they may be screwed together and stops for limiting their threaded engagement, said threads being dimensionally the same as the threads on the housing and cap and coaxial with the micrometer screws, and said stops being adapted to engage the stop means of the housing and cap to define gaging positions when the bodies are separated from each other and screwed to the housing and cap respectively.

2,451,420
ARTIFICIAL YARNS AND PROCESS OF PRODUCING THE SAME
William W. Watkins, Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application March 19, 1947, Serial No. 735,666
4 Claims. (Cl. 18—54)



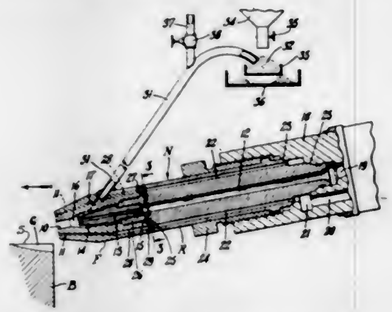
1. A process for wet-spinning of acrylonitrile polymer yarn which comprises extruding a solution, in a volatile organic solvent, of acrylonitrile polymer containing a major portion of acrylonitrile, through a shaped orifice into a spinning bath consisting of an aqueous 30% to 50% (by weight) solution of calcium chloride.

2,451,421
COUPLING DEVICE
Albert J. Wayman, Youngstown, Ohio
Application July 5, 1945, Serial No. 603,335
9 Claims. (Cl. 285—6.5)



1. A conduit coupling comprising a sleeve having a radial flange formed intermediate the ends thereof, a longitudinally extending lug formed on one end of said sleeve, a bowed clamping piece mounted on said lug and having one end thereof extending towards said flange, and a screw having threaded engagement with said lug transversely thereof and arranged to flatten out said clamping piece, whereby said end of said clamping piece moves closer to said flange.

2,451,422
THERMOCHEMICAL REMOVAL OF METAL WITH A FLUX-FORMING POWDER IN THE OXYGEN CUTTING STREAM
Robert L. Wagner, Niagara Falls, N. Y., assignor to The Linde Air Products Company, a corporation of Ohio
Application March 24, 1945, Serial No. 584,715
19 Claims. (Cl. 148—9)

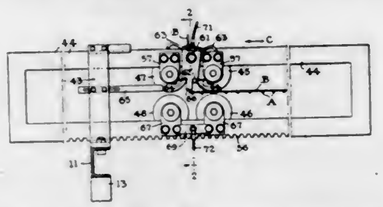


1. Thermochemical metal-removing apparatus comprising, in combinaiton, a nozzle having an oxygen passage therein provided with an outlet for discharging a stream of oxygen into the atmosphere and against successive preheated portions of a metal body; said nozzle also having a plurality of combustible gas mixture passageways therein extending lengthwise of and spaced apart around said oxygen passage, said mixture passageways having outlets adjacent but spaced apart around such oxygen outlet, for discharging combustible mixture jets to produce preheating flames in the atmosphere outside said nozzle and separate from but alongside and around such discharging oxygen stream to preheat such successive portions of said metal body; a powder container separate from said nozzle, for holding a supply of adjuvant powder; and a powder supply conduit leading from said container to said nozzle but non-communicating with said mixture passageways, said conduit having a powder

inlet communicating with said container and a part connected to said nozzle and provided with a powder outlet having its axis intersecting the axis of said oxygen passage and disposed in a plane extending lengthwise of said nozzle between two adjacent combustible mixture passageways, said powder outlet being constructed and arranged to discharge adjuvant powder laterally into an oxygen stream passed through said oxygen passage and produce a powder-carrying oxygen stream flowing within and lengthwise of the flames produced by the combustible mixture jets discharging from the outlets of said mixture passageways.

10. A process of substantially uniformly, steadily and progressively thermochemically removing metal on a path extending along a surface of a metal or alloy body which is substantially immune to such thermochemical metal removal by the conventional procedure of steadily and concurrently advancing only a heating flame and an oxygen stream along said path while concurrently impinging only said flame and said oxygen stream against successive areas of said surface, said process comprising progressively, steadily and concurrently advancing along said path and impinging against successive areas thereof both a heating flame and a powder-carrying oxygen stream distinct from but flowing alongside said flame; the powder in said powder-carrying stream consisting of finely-divided adjuvant material substantially all finer than 50 mesh and characterized by its ability to flux refractory metallic oxide and provide a removable fluid mixture of oxides along said path while said powder-carrying oxygen stream and said flame are so impinging against said successive areas; and, during such advancing of said flame and said powder-carrying oxygen stream, continuously producing said powder-carrying stream by introducing such finely-divided material into a flowing oxygen stream in a proportion of one pound of such material for from 15 cubic feet to 100 cubic feet of oxygen.

2,451,423
ART OF WELDING WIRE-MESH FABRICS
Charles C. Wickwire, Cortland, N. Y., assignor to Wickwire Brothers, Inc., Cortland, N. Y., a corporation of New York
Application September 25, 1945, Serial No. 618,461
6 Claims. (Cl. 140—112)



1. Means for welding a continuous weft wire in crossed relation to a warp made up of a series of wires, comprising in combination, warp-sustaining means; a reciprocable carrier adapted to embrace a warp sustained by said means; two pairs of welding rolls mounted on said carrier on parallel adjacent axes so that either pair may lead and the other trail according to the direction of motion of the carrier, the rolls of each pair being opposed to each other, one above and the other beneath the embraced warp, and so spaced as to exert welding pressure on a warp and weft crossing; means for reciprocating said carrier to traverse said rolls back and forth across and beyond the embraced warp; a guide for confining a continuous weft strand to passage through the interval between similar rolls of respective pairs, whereby the weft must pass from said guide into contact with whichever one of said rolls is trailing; connections for supplying welding current; selector means operable reversely by the carrier near its opposite limits of reciprocation to interchange the pairs of rolls in the welding circuit and energize the trailing pair; intermittent warp feeding means; and means for operating said warp feeding means as the carrier reverses its motion.

2,451,424
ENDLESS-TYPE CONVEYER FOR COAL AND THE LIKE
Ernest Williams, Edwight, W. Va.
Application October 10, 1945, Serial No. 621,556
3 Claims. (Cl. 198—168)

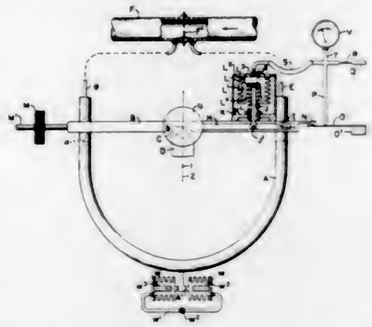


1. In a conveyor construction of the class described, a frame embodying vertical parallel side walls having upper and lower generally horizontal partitions mounted therebetween, said partitions defining upper and lower delivery and return troughs, sprocket wheels mounted at the outer ends of said troughs, an endless sprocket chain trained over said sprocket wheels and having its upper run movable through the upper trough and its lower run movable through the return lower trough, and a plurality of load-pushing and scraper flights attached at longitudinally spaced points to the runs of said chain, each flight being centrally attached to the chain and having at opposite ends outstanding scraping blades, and said scraping blades being obliquely inclined in respect to the longitudinal axes of said flights to facilitate pushing and discharging the material from the upper trough, and said blades being provided with concavo-convex central portions defining pronounced pockets, and said pockets being adapted to function as loose material-retrieving and returning scoops.

2,451,425
FLOWMETER
Aloysius F. Allwein, Philadelphia, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 18, 1946, Serial No. 717,007
4 Claims. (Cl. 73—405)

1. A differential pressure gauge comprising a supporting structure pivoted to turn about a horizontal axis and including a U tube manometer having uprising legs with their upper portions displaced from one another in a direction transverse to said axis whereby the displacement of the manometer sealing liquid from one leg to the other tends to turn said structure about said axis, a rebalancing weight pivotally connected to said structure to turn about a second horizontal axis parallel to said first horizontal axis and laterally displaced from the center of gravity of said weight, a weight adjusting mechanism mounted on said structure and comprising an expansible pressure chamber and a spring acting between said structure and weight to turn the latter about said second axis downwardly and upwardly as the

pressure in said chamber is varied, means actuated by tilting movements of said structure to vary the pressure in said chamber and thereby turn the weight about said second axis as required to return said structure to an approximately constant normal position when turned out of said



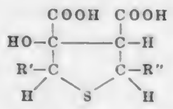
position by the displacement of sealing liquid from one to the other of the manometer legs, and means responsive to and indicating the varying pressure in said chamber and thereby providing a linear indication of the square root of the difference between the pressure in the upper end of said legs.

2,451,426
BRIGHT ZINC PLATING
Robert R. Bair and Harry L. Benner, Niagara Falls, and Joseph Frederic Walker, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 25, 1943, Serial No. 511,686
4 Claims. (Cl. 204—55)

1. The process of electrodepositing zinc from an aqueous zinc cyanide electroplating solution having a pH above 9.0 which comprises electrodepositing said zinc from said solution containing dissolved therein about 0.1 to 2.0 ounces per gallon of the condensation product of sodium cyanamide and formaldehyde obtained by reacting substantially equimolecular amounts of sodium cyanamide and formaldehyde in aqueous alkaline solution at a temperature below 35° C.

2,451,427
HYDROXYTHIOPHANE CARBOXYLIC ACIDS AND ESTERS AND METHODS OF PREPARING SAME
Bernard R. Baker, Nanuet, N. Y., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application July 16, 1945, Serial No. 605,465
9 Claims. (Cl. 260—329)

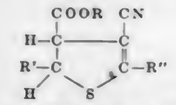
9. Chemical compounds having the following formula:



wherein R' and R'' are members of the group consisting of hydrogen, alkyl, phenoxyalkyl and carboxyalkyl radicals.

2,451,428
DIHYDROTHIOPHENES AND METHOD OF PREPARING SAME
Bernard R. Baker, Nanuet, N. Y., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application July 16, 1945, Serial No. 605,466
10 Claims. (Cl. 260—329)

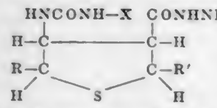
1. Chemical compounds having the general formula:



wherein R is an alkyl radical and R' and R'' are members of the group consisting of hydrogen, alkyl, carbalkoxy and carbalkoxyalkyl radicals.

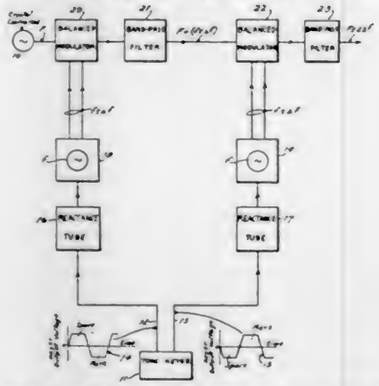
2,451,429
THIOPHANE CARBOXYHYDRAZIDES AND METHOD OF PREPARING THE SAME
Bernard R. Baker, Nanuet, and Merle V. Querry, Pearl River, N. Y., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application August 13, 1945, Serial No. 610,682
11 Claims. (Cl. 260—329)

1. Chemical compounds having the general formula:



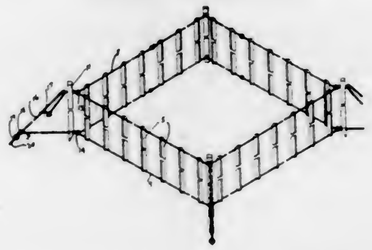
in which X is a member of the group consisting of hydrogen, alkyl and aryl radicals and R and R' are members of the group consisting of hydrogen, N-alkyl carbamylalkylene radicals and N-aryl carbamylalkylene radicals.

2,451,430
CARRIER FREQUENCY SHIFT SIGNALING
Salvatore A. Barone, Freeport, N. Y., assignor, by mesne assignments, to Jefferson Standard Broadcasting Company, a corporation of North Carolina
Application April 23, 1946, Serial No. 664,168
7 Claims. (Cl. 250—8)



1. The method of signalling which comprises, generating a master frequency F, generating a pair of local auxiliary frequencies each of frequency f, frequency-modulating both said local frequencies by the same signal but in opposite respects to produce respective side bands $(f\pm\Delta f)$ and $(f\mp\Delta f)$, mixing the $(f\pm\Delta f)$ frequency from one local oscillator with said master frequency F, and selecting one side band alone, mixing the said selected side band with the frequency $(f\mp\Delta f)$ from the other local oscillator, and selecting therefrom a side band component $(F\pm2\Delta f)$.

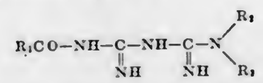
2,451,431
PORTABLE PLAY PEN
Milbert D. Bible, Mosheim, Tenn.
Application December 5, 1944, Serial No. 566,718
1 Claim. (Cl. 256—25)



A portable play pen comprising flexible upper and lower endless runners, palings supporting the runners in spaced apart relation, and supporting means for said runners shaping the same into rectangular form to provide an enclosure comprising corner posts with hooks thereon through which said runners slidably extend, stakes embedded in the ground, eye forming members attached to the stakes, and guy lines connected to the upper and lower ends of the posts and forming loops slidable through said members, the connection of said guy lines to the upper ends of the posts being slidably adjustable to tighten the guy lines.

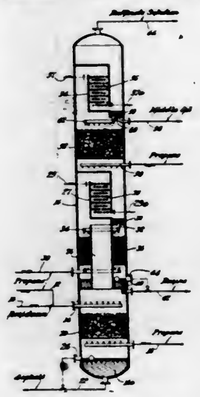
2,451,432
HIGH MOLECULAR GUANAMINES AND A PROCESS FOR THEIR MANUFACTURE
Jakob Bindler, Basel, Switzerland, assignor to J. R. Geigy A. G., Basel, Switzerland, a Swiss firm
No Drawing. Application August 24, 1942, Serial No. 455,957. In Switzerland August 18, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires August 18, 1961
7 Claims. (Cl. 260—249.5)

1. A process for the manufacture of a high molecular guanamine which comprises heating an acyl biguanide of the formula



wherein R_1 represents an alkyl radical containing from 8 to 18 carbon atoms, R_2 represents a member of the group consisting of alkyl, aralkyl, aryl, cycloakyl and heterocyclic radicals, and R_3 represents a member of the group consisting of hydrogen and alkyl, aralkyl, aryl, cycloakyl and heterocyclic radicals, to a temperature above 170° C.

2,451,433
HYDROCARBON EXTRACTION APPARATUS
Hyman R. Davis, Jackson Heights, N. Y., assignor to The Lummus Company, New York, N. Y., a corporation of Delaware
Application July 24, 1946, Serial No. 685,831
2 Claims. (Cl. 196—14.52)



1. A countercurrent extractor comprising a tower having lower, intermediate and upper sections, means for introducing a high molecular weight oil mixture and a liquefied normally gaseous solvent into the tower between the lower and intermediate sections, a packing in said lower section whereby a heavy component precipitated from said mixture is deposited thereon, means to introduce solvent to said tower below said packing and upwardly in countercurrent relation to the precipitated heavy component to further wash the same, means to draw off the heavy component at the bottom of the tower, an annular body of packing in the intermediate section of the tower, a heat exchanger above said packing, arranged so that all ascending fluids must pass through said heat exchanger, a reflux trap for collecting a precipitated light component, means to distribute said light component on the annular packing, means to wash said light component with some of the ascending solvent, means to collect and discharge the washed light component from the tower, a heat exchanger in the upper section of said tower, a reflux collecting trap below said heat exchanger, and a reflux distributing means below said collecting trap, means to wash said reflux for precipitating a still lighter component from said mixture and solvent flowing through the top section, and means to discharge a refined raffinate solution from the top of said tower.

2,451,434
ENOL-THIOETHERS OF KETOSTEROIDS AND METHOD OF PREPARING THE SAME
Louis Dorfman, New York, and Seymour Bernstein, Pearl River, N. Y., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application March 26, 1945, Serial No. 585,010
3 Claims. (Cl. 260—397.5)

1. The method of producing the enol lower alkyl thioethers of testosterone-17-propionate which comprises reacting testosterone-17-propionate with a lower alkyl mercaptan in the presence of a dehydrating agent.

2,451,435

PLASTIC COMPOSITIONS AND PROCESS OF MAKING THE SAME FROM AN UNSATURATED KETONE AND AN UNSATURATED NITRILE

William E. Elwell and Richard L. Meier, Berkeley, Calif., assignors to California Research Corporation, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 11, 1945, Serial No. 598,904
11 Claims. (Cl. 260—63)

1. A synthetic resin consisting of a copolymer of a ketone wherein the carbon of the carbonyl radical is directly joined to a radical from the group consisting of vinyl and isopropenyl radicals and to a radical from the group consisting of alkyl and phenyl radicals, said alkyl radical containing from 1 to 4 carbon atoms, with a nitrile from the group consisting of acrylonitrile and methacrylonitrile, said copolymer containing from 60 to 85 per cent by weight of said ketone and from 40 to 15 per cent by weight of said nitrile, and further characterized by being clear, homogeneous, thermoplastic, readily flexible to hard substantially inflexible, and soluble in 2-nitropropane.

2,451,436

METHOD OF PREPARING N-ALKYL ACRYLAMIDES

John G. Erickson, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application January 3, 1947, Serial No. 720,103
5 Claims. (Cl. 260—561)

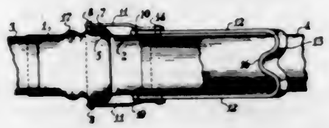
1. A method of preparing an N-alkyl acrylamide which includes the steps of heating an N-alkyl-β-alkylaminopropionamide in the presence of an acidic material having a dissociation constant greater than 1.0×10^{-2} and which forms a stable amine salt with a primary or secondary alkyl amine at elevated temperature to produce an N-alkyl acrylamide and an alkyl amine salt, and distilling the thus formed N-alkyl acrylamide from the alkyl amine salt.

2,451,437

PIPE COUPLING

Hugh Francis Fenlon, Pelham, N. Y., assignor of one-half to John J. Dougherty, St. Albans, N. Y.

Application January 25, 1946, Serial No. 643,240
5 Claims. (Cl. 285—93)



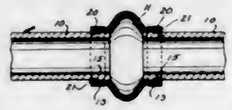
2. A pipe coupling comprising a section having oppositely projecting studs near its end, a second section having an enlarged end embracing the end of the other section and having open notches in the opposite sides of its enlarged end to receive said studs and studs projecting from its opposite sides in line with its open notches, a pair of links hinged to said first-mentioned studs, a pair of lever arms hinged between their ends to said links and having means at one end of each adaptable to engage the studs on the second-mentioned section and means for limiting the movement of said lever arms when the hinges of said lever pass the center lines of the respective studs and means for limiting the angular movement of one section with respect to the other about the axis of the first-mentioned studs.

2,451,438

FASTENING DEVICE

Richard A. Hartman, Cleveland, Ohio, assignor to Tinnerman Products, Inc., Cleveland, Ohio, a corporation of Ohio

Application November 13, 1944, Serial No. 563,287
3 Claims. (Cl. 285—90)



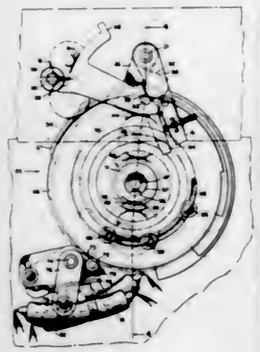
1. The combination with a sleeve and a member which it embraces having a shoulder adjacent the end of said sleeve of a fastening device comprising a partial ring of resilient material embracing the sleeve and by its own resilience clamping it on the member and having an edge flange extending inwardly across the end of the sleeve and having its outer face engaging the shoulder on said member.

2,451,439

CONTROL INSTRUMENT

Arthur H. Jordan, Norristown, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 15, 1946, Serial No. 641,387
5 Claims. (Cl. 200—56)



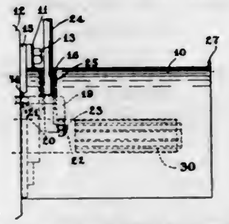
1. In a control instrument, a control switch, means to mount said switch for tilting movement between open and closed positions, a cam mounted for rotation and operative to tilt said switch mounting means, differential gearing to rotate said cam including a normally stationary but manually adjustable portion to adjust initially the position of said cam, and a portion rotatable to positions corresponding to the variable values of a condition under control, and resilient means to bias normally said gearing in one direction to take up back lash in the gears thereof.

2,451,440

PROTECTIVE GUARD FOR POWER TAKE-OFF SHAFTS OF TRACTORS

Robert W. Lidington, Rochester, N. Y., assignor to The Ohio State University Research Foundation, Columbus, Ohio, a corporation of Ohio

Application April 4, 1946, Serial No. 659,517
3 Claims. (Cl. 74—609)



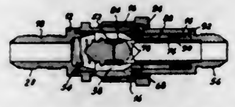
1. A protective guard attachment for tractors of the type provided with an exposed power take-off shaft and a socketed rotatable clutch-actuating element for engaging and disengaging said shaft for rotation, said attachment comprising an open-ended shield for detachable installation upon a tractor in longitudinally extending and spaced parallel order around its exposed power take-off shaft, said shield when so installed extending beyond the exposed end of the power take-off shaft and enclosing the socketed clutch-actuating member of the tractor, a crank lever integrally carried by said shield interiorly thereof and engageable with the clutch-actuating element of the tractor upon installation of the shield thereon, said lever being operable to rotate the clutch-actuating element of the tractor to control the rotation of the power take-off shaft, and a manually operable lever connected with said crank lever and extending exteriorly of said shield, whereby actuation of said crank lever and the clutch-actuating element of the tractor may be effected remotely of the power take-off shaft and exteriorly of said shield.

2,451,441

SELF-SEALING COUPLING

Benjamin A. Main, Jr., Jackson, Mich., assignor, by mesne assignments, to Aeroquip Corporation, Jackson, Mich., a corporation of Michigan

Application March 28, 1945, Serial No. 585,308
1 Claim. (Cl. 284—18)



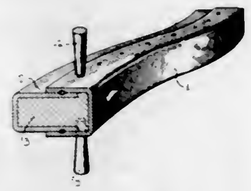
In a self-sealing coupling of the class described, a pair of separable tubular body parts, a fixed valve part in one of said body parts, a movable valve part in the other of said body parts, the latter having a cylindrical nose portion telescoping into the other body part when the two parts are connected, said valve parts having abutting complementary faces, said fixed valve part having a cylindrical outer head portion having radial ports defined therein, a cylindrical sleeve slidable over said cylindrical outer portion to close said ports and having a plain cylindrical outer surface, the latter being co-extensive with said cylindrical nose portion of the other body part when the two parts are connected and the abutment of said nose portion with said sleeve serving to force the sleeve rearwardly to uncover said radial ports upon such connection, the sleeve having a piston fit within its body part, a spring for restoring the sleeve to its port closing position when the body parts are disconnected, a peripheral groove located in said cylindrical head, a sealing ring in said groove to provide a seal between said sleeve and head portion, a shoulder back of said head portion, an inwardly directed shoulder on said sleeve engaging with said first shoulder to limit outward movement of said sleeve, a peripheral groove on the interior surface of the body part carrying said sleeve and adjacent the end of this body part containing its fixed valve part, and a sealing ring in said groove adapted to seal about said sleeve, when the parts are disconnected, or to seal about said nose portion when the two body parts are connected.

2,451,442

METHOD OF SPOT WELDING HOLLOW SECTIONS

Clarence E. Meissner, Washington, D. C., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania

Application March 21, 1946, Serial No. 656,077
1 Claim. (Cl. 219—10)



The method of effecting electrical resistance welding upon metallic workpieces having hollow portions which are subject to deforming electrode pressure and which hollow portions are irregular in shape, which comprises, entirely filling the hollow portions which are to come between the electrodes during welding with molten metal of a very low melting temperature point as compared to the melting point of the workpiece, whereby injury to the workpiece by surface melting is avoided, allowing the filler metal to harden, the filler metal being of such character that it is not appreciably plastic under electrode pressure, applying electrode pressure and current through the hollow portions and the filler metal therein to make the welds, the filler metal being of such character and mass that it transmits welding current efficiently without softening or melting whereby to maintain efficient current flow directly therethrough without permitting deformation of the workpiece, and finally removing the filler metal from the workpiece by melting it and causing it to flow out of the hollow portions.

2,451,443

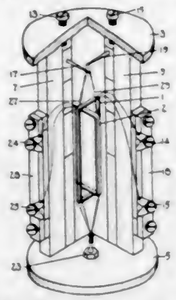
APPARATUS FOR ORIENTATION

Eugen Merten, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

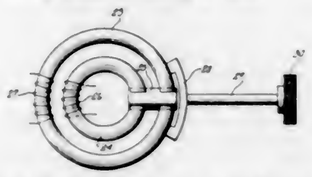
Application November 27, 1945, Serial No. 631,055
12 Claims. (Cl. 177—352)

1. In a system for orientation with regard to the earth magnetic field, two coils each mounted for independent oscillation about a vertical axis in said field, means for adjusting the angular position of said coils about said axis, means for in-

itiating an oscillation of said coils, and means for simultaneously and separately recording the voltages produced by the oscillation of said coils in the earth magnetic field.



2,451,444
ADJUSTABLE WAVE COUPLING SYSTEM
Leslie Norde, Hempstead, N. Y., assignor, by mesne assignments, to Jefferson Standard Broadcasting Company, a corporation of North Carolina
Application April 5, 1946, Serial No. 659,995
1 Claim. (Cl. 171—119)



A variable magnetic core transformer, comprising a first toroidal magnetic core, a second toroidal magnetic core, the second core being of smaller diameter than the first core and located within the inner periphery of the first core, a magnetic member coupling the two cores to complete a magnetic circuit therebetween said member being fastened to one core and passing through the other core to provide a rotational bearing for said other core as it is rotated, said member being mounted in alignment with the common diameter of both cores to maintain them concentric, each of said cores having a separate magnetizing winding and means to rotate said cores relatively to each other to vary the effective coupling coefficient between said windings.

2,451,445
MANUFACTURE OF DENSE PRODUCTS FROM CEMENT MATERIAL
Joseph R. Parsons, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application September 6, 1943, Serial No. 501,428
2 Claims. (Cl. 106—110)

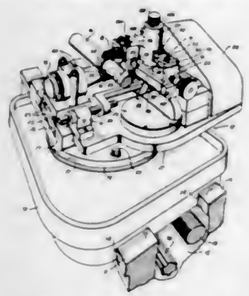
1. Process of producing dense castings from a cement and a liquid capable of combining with said cement to produce a set product which comprises mixing a given quantity of dry cement with an amount, by weight, of said liquid far less than the amount corresponding to that of the normal consistency of said cement, said liquid containing dispersed therein a sufficient quantity of gaseous evanescent and readily collapsible bubbles to give said weight of liquid an apparent effective volume substantially equal to that of the quantity of liquid corresponding to the normal consistency of said cement, thereby to impart to the mixture a degree of flowability substantially as great as that of the same amount of cement when mixed with an amount of liquid equal in amount to that of its normal consistency, casting the resulting mixture into shape with concomitant destruction of said bubbles while the casting is still plastic, and permitting it to set and harden.

2,451,446
LIGHT-WEIGHT FIBER CONTAINING PRODUCT
Joseph R. Parsons, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Application September 6, 1943, Serial No. 501,429
3 Claims. (Cl. 106—88)



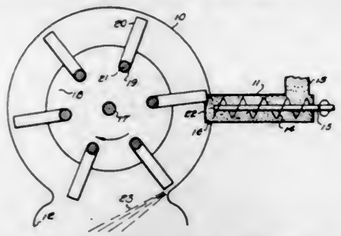
1. Process of producing semi-rigid insulating bats which comprises preparing a solution of a farinaceous material and a surface-tension reducing agent in water, incorporating a large number of small discrete air bubbles with said solution to form an emulsion of gas and water, incorporating dry water-insoluble fibers with the emulsion thus produced, thereupon blending the resulting mixture with an asphalt emulsion and with dry calcined gypsum, forming the final mixture thus produced into the desired shape without the application of substantial pressure thereto, and drying the thus shaped product.

2,451,447
HOBBING MACHINE
Stafford M. Ransome, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application February 13, 1942, Serial No. 430,780
6 Claims. (Cl. 90—4)



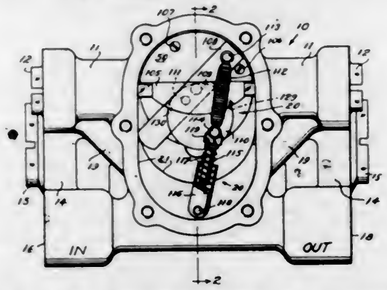
1. In a hobbing machine, in combination, a base, a saddle, means for feeding said saddle longitudinally of said base, a swivel mounted on said saddle for angular adjustment relative thereto, a slide mounted on said swivel for adjusting movement transversely thereof, a hob spindle rotatably mounted in said slide, a hob, a tailstock adjustable with respect to said spindle for supporting said hob between said spindle and said tailstock, a second hob, a support for said second hob movably mounted on said slide for adjusting movement axially, vertically, angularly and laterally with respect to said first hob, and a common drive for said hobs from said hob spindle.

2,451,448
TREATMENT OF PIGMENT COMPRISING CALCIUM CARBONATE
Harold R. Rafton, Andover, Mass., assignor to Raffold Process Corporation, a corporation of Massachusetts
Application April 11, 1947, Serial No. 740,831
12 Claims. (Cl. 23—66)



11. In the treatment of a pigment comprising calcium carbonate, the method of modifying said pigment to effect an improvement in at least one of the properties of adhesive requirement, oil absorption and gloss-imparting quality of said pigment, which comprises directing paste comprising said pigment into the path of travel of teeth of a circular saw rotating at a peripheral velocity of not less than 100 feet per second, said paste being directed from beyond the periphery of said saw toward the center of rotation thereof, said paste being in coherent condition when at atmospheric pressure and capable of being conveyed by a screw conveyor, subjecting said paste to percussions from said teeth, said circular saw at the time of subjecting said paste to the action of said teeth being free from contact with said paste except in respect to said teeth, said paste being free for movement upon, and at the points of, said percussions, said paste being propelled by said teeth away from and out of the path of travel of said teeth.

2,451,449
SHAFT ACTUATED SNAP ACTION MECHANISM FOR RECIPROCATING EXPANSIBLE CHAMBER MOTORS
Columbus R. Sacchini, Willoughby, Ohio, assignor to The Marquette Metal Products Company, Cleveland, Ohio, a corporation of Ohio
Application October 23, 1945, Serial No. 624,072
16 Claims. (Cl. 121—164)



8. In a fluid operated motor, a reciprocating fluid operable power member and reversing valve means operated thereby to divert fluid alternately into operative contact with the power member, a valve actuating mechanism comprising an oscillating arm driven by the power member and a toggle member pivotally connected to the arm and additionally connected therewith by a snap action compression spring which assumes a dead center position when the arm and toggle member are in one relative position, and a second compression spring having a stationary pivoted support at one end and a support carried by the toggle member at the other end.

16. A fluid operated motor comprising a body having a cylinder and reciprocatable piston therein, a pair of valve chambers aligned on an axis parallel to said cylinder, a pair of fluid ports on an axis parallel to said cylinder, an inlet passage axially aligned with one of said ports and terminating substantially at the central axis of said body, a pair of divergent passages extending from the terminus of said inlet passage to said valve chambers respectively, and a pair of divergent passages extending from said valve chambers respectively to opposite ends of said cylinder.

2,451,450
WEATHER STRIP
Louis Spraragen, Bridgeport, Conn., assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn., a corporation of Connecticut
Application November 5, 1943, Serial No. 509,021
5 Claims. (Cl. 20—69)



1. A sealing strip comprising an attaching strip; and a hollow bead carried thereby and having an internal rib substantially perpendicular to the contacting portion of the bead; another internal rib carried by the strip within the bead, said ribs having a combined depth less than the depth of the bead and positioned to engage one another after a limited inward movement of the contacting portion of the bead to support and hold the bead in sealing relation.

2,451,451
WEIGHING SYSTEM
Malcolm C. Tate, Stamford, Conn., assignor to Baldwin Locomotive Works, a corporation of Pennsylvania
Application July 20, 1944, Serial No. 545,780
1 Claim. (Cl. 137—139)

A load sensitive system comprising, a capsule having a base, a movable column connected by a diaphragm to said base to form a hydraulic diaphragm chamber, means for supplying hydraulic fluid directly to said chamber under pressure sufficient to maintain a continuous flow through the system at all times, a nozzle directly connected to said chamber for discharging fluid directly therefrom, means for controlling flow of fluid into said nozzle by the position of said column whereby variations in the position of the column from a substantially predetermined position causes either an increase or decrease of discharge through said nozzle thereby to cause the pressure within the diaphragm chamber to decrease or increase and accordingly maintain the column in a substantially constant position throughout either variations in applied load force or in the volume of hydraulic fluid arising from temperature changes, a load plate having a reduced flexure section rigidly secured at one end with respect

to said base and its other end being secured to the column to move therewith for guiding the same, and preloading means for biasing said load

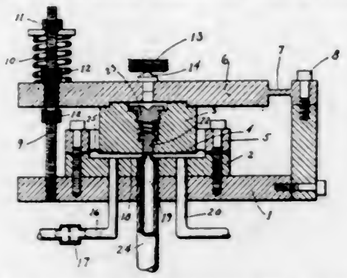


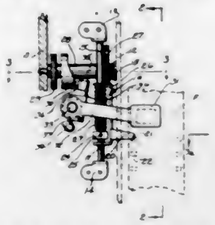
plate and column in a direction tending to close said nozzle thereby to cause an increased pressure to be present in the diaphragm chamber prior to applying a load force to said plate.

2,451,452

FEED CLAW AND SHUTTER MOVEMENT FOR MOTION-PICTURE MECHANISMS

Leander Olov Thunberg, Johnson City, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

Application November 20, 1946, Serial No. 711,052
4 Claims. (Cl. 88—18.4)



1. A combined feed claw and shutter mechanism for motion picture apparatus which includes a guide means, a member slidable on said guide means, said member having as a part thereof a film engaging claw, a pivoted shaft and a shutter blade fixed thereon, a shaft adapted to be driven by a source of motive power and having rotatable therewith two cams, one said cam engaging with the slidable member for moving it and the claw for advancing the film from frame to frame during exposure, a spring fixed against rotation at one end and being connected at its other end to the slidable member, said spring being under torsion to press the claw against the film for engaging perforations therein, and further being longitudinally loaded to maintain the member in engagement with its actuating cam, an operating lever fixed to said pivoted shaft for movement with said shutter and having a follower engaging the cam surface of the other of said cams, and resilient means for maintaining said follower in engagement with the said other cam.

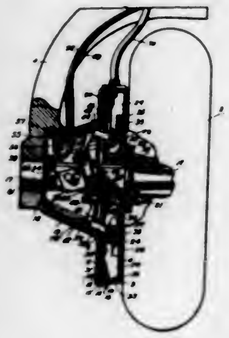
2,451,453

APPARATUS FOR CONTROLLING ROTATION OF VEHICLE WHEELS

Blaine M. Tuxhorn, Kansas City, Mo.

Application August 14, 1944, Serial No. 549,409
10 Claims. (Cl. 244—103)

1. An apparatus of the character described including a stator having an annular rotor chamber and a housing extending from one side thereof, a rotor in said chamber, means rotatably supporting the rotor eccentrically within the rotor chamber for providing a passageway between said rotor and stator, blades movably carried by the rotor and movable through said passageway when the rotor rotates within the stator, means for supplying a pressure medium to one end of the passageway to act on said blades, means for discharging the pressure medium from the other end of the passageway, means in said housing for



shifting the blades in said passageway to vary the effective area of said blades exposed to the action of said pressure medium, a member having a race-way, means mounting said member for axial and tilting movement with respect to the axis of the rotor, levers connected with the blades and having engagement with the race-way of said member for moving the blades transversely of the passageway to vary the effective area exposed to said pressure medium, and means for moving said member.

2,451,454

METHOD OF FABRICATING AIRFOILS

Michael Watter, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania

Application June 28, 1943, Serial No. 492,492
5 Claims. (Cl. 29—148.2)



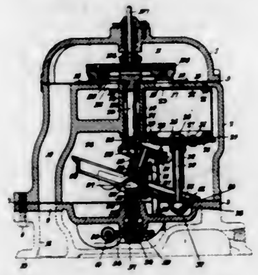
1. The method of fabricating an interiorly-framed skin-covered structure which is too small for the entrance of a workman's body, such for example as an airfoil or the like, which comprises, forming a skin-covered frame-supported leading edge sub-assembly which has frame connections accessible from the rear, forming a skin-covered frame-supported central section sub-assembly of laterally spaced ribs and skin blankets secured on the ribs which is covered on both sides and open completely between ribs and skin blankets interiorly through the rear to the front, and securing the framing of the leading edge and central section sub-assemblies together interiorly of the covering skins by working inside between the ribs and skin blankets through the central section from the rear.

2,451,455

CRANK ARM AND DRIVING BLOCK MEANS

David S. Willson, Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa., a corporation of Delaware

Application June 23, 1945, Serial No. 601,180
13 Claims. (Cl. 74—60)



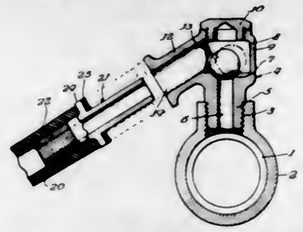
1. A crank arm and driving block assembly comprising a driving block in which a drive shaft is adapted to be journalled; a crankshaft; a crank arm operatively connected to said crankshaft; means connecting said driving block to said crank arm with freedom of sliding movement about a fixed pivot; and spring loading means for said driving block wherein the forces of said spring loading means are exerted on said drive shaft substantially at right angles to the axis of said drive shaft.

2,451,456

STALL COCK

Emanuel Rawson, Chicago, Ill., assignor to Rite-Way Products Company, Chicago, Ill., a corporation of Delaware

Application July 20, 1945, Serial No. 606,162
13 Claims. (Cl. 284—18)



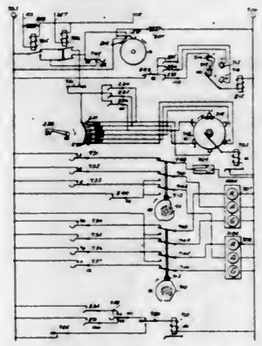
1. A device for establishing a plug-in type of severable connection between a vacuum pipe line and a portable hose, comprising a fitting one end of which is adapted to be connected to a vacuum line, said fitting having an open tubular portion constituting a part of the fitting, a hose connector tube slidable lengthwise in said tubular portion, a valve seat in said fitting between said one end and said connector tube, a movable closure for said valve seat, said closure being movable in the fitting to its open position by a movement in a direction parallel to the longitudinal axis of the open tubular portion and being movable in a direction towards pressure engagement with the seat and being exposed to atmospheric pressure on the surface thereof opposite the surface which is in engagement with the valve seat when in the valve closed position whereby it is pressed towards said seat by the atmospheric pressure, said closure being moved by said connector tube to its unseated position.

2,451,457

TRAFFIC SIGNAL CONTROL SYSTEM

Judson O'D. Shepherd, Atlanta, Ga.

Application September 16, 1940, Serial No. 357,022
23 Claims. (Cl. 177—337)



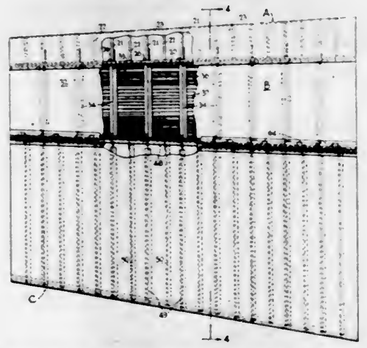
22. In a traffic signal controller, the combination of a rotatable signal control switch, a single timing dial, means including actuators upon said dial to effect an intermittent rotation of said control switch in accordance with any one of a plurality of adjustable sequences, and means for maintaining said dial in a predetermined synchronous relationship with said control switch at one common instant of each revolution irrespective of which sequence is in effect.

2,451,458

AIRCRAFT AIRFOIL CONSTRUCTION

Michael Watter, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania

Original application June 28, 1943, Serial No. 492,492. Divided and this application October 23, 1945, Serial No. 624,080
4 Claims. (Cl. 244—124)

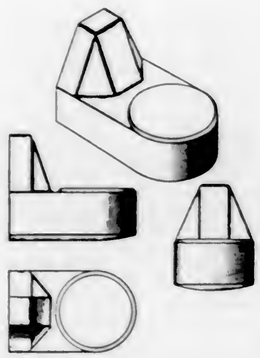


1. An airfoil or the like comprising in combination, mating bipartite sub-assemblies, each including a skin covering and spaced inter-skin frame web elements which overlap on their sides in transverse planes throughout their length in final assembly, said sub-assemblies having unobstructed openings therethrough between the web elements, an associated sub-assembly having a covering and interior frame elements with joint surfaces lying alongside the web elements of the bipartite sub-assemblies in final assembly, and shear means securing said webs together and securing the webs to the frame elements of the associated sub-assembly.

DESIGNS

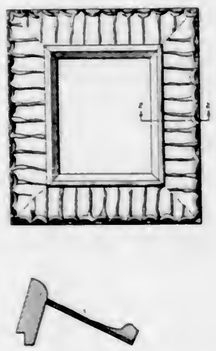
OCTOBER 12, 1948

151,314
DESIGN FOR AN ANGLE SOCKET
Charles J. Adams, Park Ridge, and Harold Z. Benton, Woodstock, Ill.
Application November 12, 1946, Serial No. 134,720
Term of patent 14 years
(Cl. D26—1)



The ornamental design for an angle socket, as shown.

151,315
DESIGN FOR A PICTURE FRAME
George R. Arons, New York, N. Y.
Application October 1, 1946, Serial No. 133,672
Term of patent 3½ years
(Cl. D29—20)



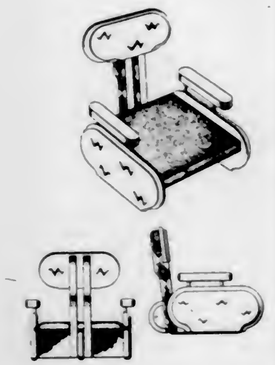
The ornamental design for a picture frame, as shown.

151,316
DESIGN FOR A DRESS
J. Leah Asteroff, New York, N. Y.
Application January 13, 1948, Serial No. 143,717
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,317
DESIGN FOR A CHILD'S CHAIR
Donald O. Benson, Racine, Wis., assignor to Ira Milton Jones, Milwaukee, Wis.
Application November 4, 1946, Serial No. 134,493
Term of patent 14 years
(Cl. D15—8)



The ornamental design for a child's chair, as shown.

151,318
DESIGN FOR A MECHANICAL TOY
Samuel I. Berger, Newark, N. J.
Application May 17, 1947, Serial No. 139,113
Term of patent 14 years
(Cl. D34—15)



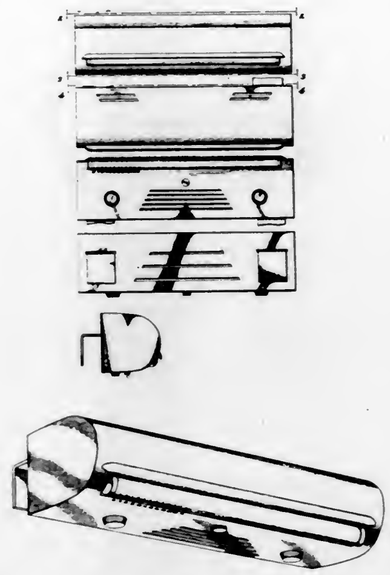
The ornamental design for a mechanical toy, substantially as shown and described.

151,319
DESIGN FOR A DENTURE BRUSH
Paul B. Brandt, Augusta, Kans.
Application August 27, 1947, Serial No. 141,086
Term of patent 14 years
(Cl. D9—2)



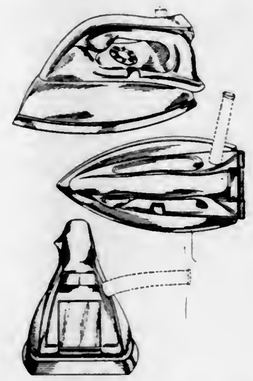
The ornamental design for a denture brush, substantially as shown.

151,320
DESIGN FOR A COMBINED RADIO AND BED LAMP
Lewis R. Brothers, North Hollywood, Calif.
Application July 21, 1947, Serial No. 140,426
Term of patent 14 years
(Cl. D56—4)



The ornamental design for a combined radio and bed lamp, as shown.

151,321
DESIGN FOR AN ELECTRIC IRON
Fred W. Busch, Milwaukee, Wis., assignor to Milsteel Products Co., Milwaukee, Wis., a corporation of Wisconsin
Application October 28, 1946, Serial No. 134,324
Term of patent 14 years
(Cl. D49—6)



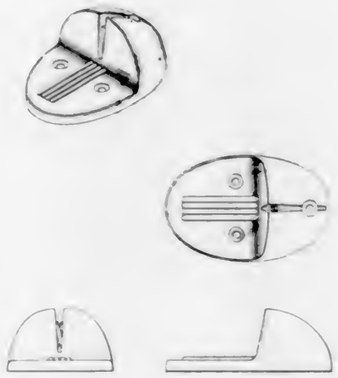
The ornamental design for an electric iron, substantially as shown and described.

151,322
DESIGN FOR A DOUGH EXTRUSION DEVICE OR LIKE ARTICLE
Salvatore Cenci, Kansas City, Mo.
Application July 24, 1947, Serial No. 140,482
Term of patent 14 years
(Cl. D44—29)



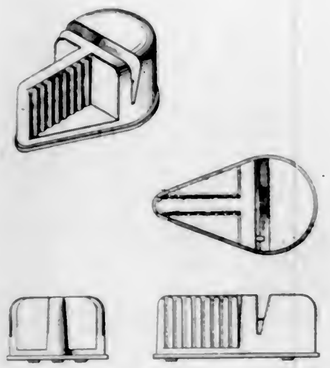
The ornamental design for a dough extrusion device or like article, substantially as shown.

151,323
DESIGN FOR A SCISSORS SHARPENER
Bernard L. Chapin, Winchester, Noble L. Davis, Melrose, and Thomas H. Cabot, Jr., Boston, Mass., assignors to New England Carbide Tool Company, Inc., Cambridge, Mass., a corporation of Massachusetts
Application November 14, 1947, Serial No. 142,543
Term of patent 14 years
(Cl. D37—1)



The ornamental design for a scissors sharpener, substantially as shown.

151,324
DESIGN FOR A KNIFE SHARPENER
Bernard L. Chapin, Winchester, Noble L. Davis, Melrose, and Thomas H. Cabot, Jr., Boston, Mass., assignors to New England Carbide Tool Company, Inc., Cambridge, Mass., a corporation of Massachusetts
Application November 14, 1947, Serial No. 142,544
Term of patent 14 years
(Cl. D37—1)



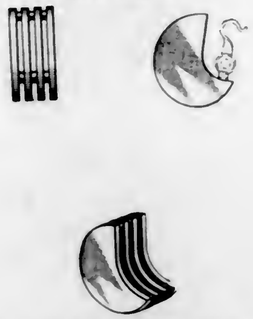
The ornamental design for a knife sharpener, substantially as shown.

151,325
DESIGN FOR AN EARRING OR THE LIKE
Michael Chernow, New York, N. Y.
Application April 8, 1947, Serial No. 138,239
Term of patent 7 years
(Cl. D45—9)



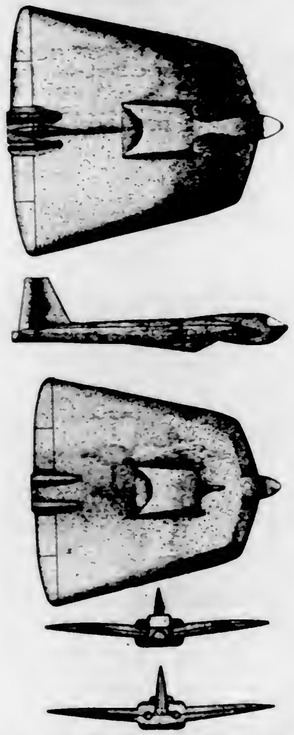
The ornamental design for an earring or the like, substantially as shown and described.

151,326
DESIGN FOR AN EARRING OR THE LIKE
Michael Chernow, New York, N. Y.
Application April 8, 1947, Serial No. 138,240
Term of patent 7 years
(Cl. D45—9)



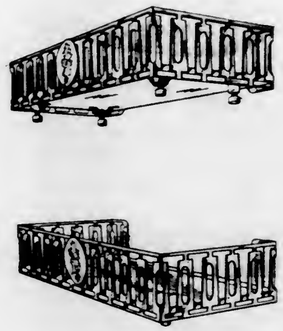
The ornamental design for an earring or the like, substantially as shown and described.

151,327
DESIGN FOR AN AIRPLANE
Raymond C. Coates, Wesleyville, Pa.
Application April 2, 1947, Serial No. 138,112
Term of patent 14 years
(Cl. D71—1)



The ornamental design for an airplane, as shown.

151,328
DESIGN FOR A TRAY
John S. Connors, Cleveland, Ohio
Application December 19, 1946, Serial No. 135,603
Term of patent 3½ years
(Cl. D44—10)



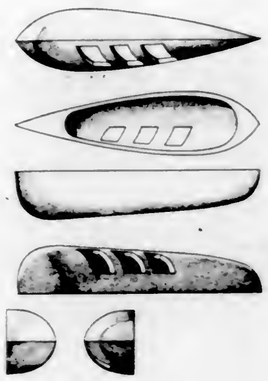
The ornamental design for a tray, as shown.

151,329
DESIGN FOR A DRESS
George Constantine, Brookline, Mass.
Application February 12, 1948, Serial No. 144,431
Term of patent 14 years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,330
DESIGN FOR AN AUTOMOBILE HOOD LOUVER
Neil J. De Sanders, Dallas, Tex.
Application October 2, 1947, Serial No. 141,719
Term of patent 3½ years
(Cl. D14—18)



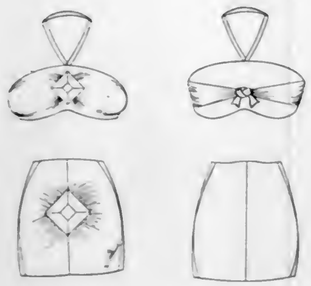
The ornamental design for an automobile hood louver, as shown.

151,331
DESIGN FOR A BATHING SUIT
Mary Ann De Weese, Glendale, Calif.
Application September 13, 1946, Serial No. 133,292
Term of patent 3½ years
(Cl. D3—17)



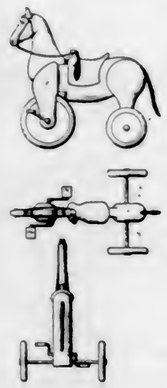
The ornamental design for a bathing suit, as shown.

151,332
DESIGN FOR A BATHING SUIT
Mary Ann De Weese, Glendale, Calif.
Application September 13, 1946, Serial No. 133,291
Term of patent 3½ years
(Cl. D3—17)



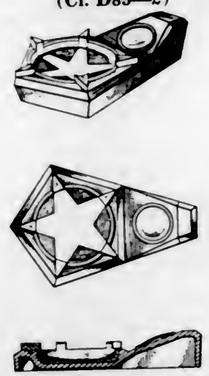
The ornamental design for a bathing suit, as shown.

151,333
DESIGN FOR A HOBBY HORSE
Clifford B. Dobson, Berkeley, Calif.
Application November 22, 1946, Serial No. 134,995
Term of patent 3½ years
(Cl. D34—15)



The ornamental design for a hobby horse, substantially as shown.

151,334
DESIGN FOR AN ASH TRAY
Alva L. Duckwall, Jr., Abilene, Kans.
Application October 15, 1946, Serial No. 133,966
Term of patent 3½ years
(Cl. D85—2)



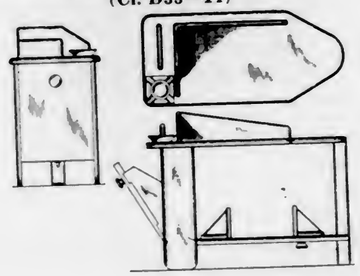
The ornamental design for an ash tray, substantially as shown.

151,335
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Maurice Duvalet, Congers, N. Y., assignor to Van Cleef & Arpels, Inc., New York, N. Y., a corporation of Delaware
Application April 2, 1948, Serial No. 145,496
Term of patent 7 years
(Cl. D45—19)

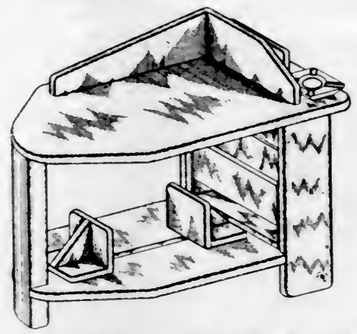


The ornamental design for a brooch or similar article, substantially as shown.

151,336
DESIGN FOR A COMBINED TABLE AND BOOKHOLDER
Meril L. Eckman, Canton, Ohio
Application March 6, 1947, Serial No. 137,396
Term of patent 7 years
(Cl. D33—14)

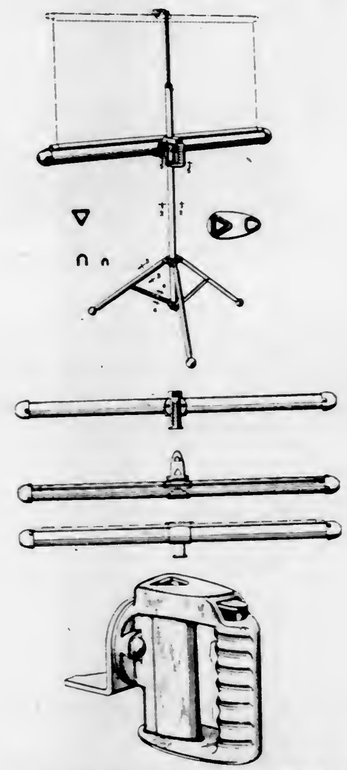


151,336—Continued



The ornamental design for a combined table and bookholder, substantially as shown.

151,337
DESIGN FOR A PORTABLE COLLAPSIBLE MOTION PICTURE PROJECTION SCREEN STAND
Harry E. Eller, Chicago, Ill.
Application November 18, 1946, Serial No. 134,867
Term of patent 3½ years
(Cl. D61—1)



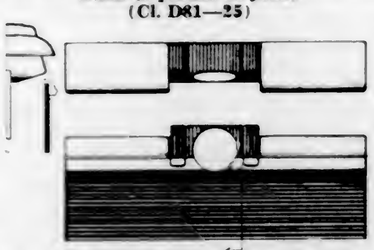
The ornamental design for a portable collapsible motion picture projection screen stand, substantially as shown and described.

151,338
DESIGN FOR A CHILD'S DOLL
Helen R. Farnam and Blanche S. Wheeler, Minneapolis, Minn.
Application May 31, 1947, Serial No. 139,378
Term of patent 14 years
(Cl. D34—4)



The ornamental design for a child's doll, substantially as shown.

151,339
DESIGN FOR A SPLASH PANEL ACCESSORY UNIT FOR COOKING STOVES
Richard I. Felver, Pittsburgh, Pa., assignor to Standard Gas Equipment Corporation, Baltimore, Md., a corporation of Maryland
Application September 26, 1946, Serial No. 133,599
Term of patent 14 years
(Cl. D81—25)



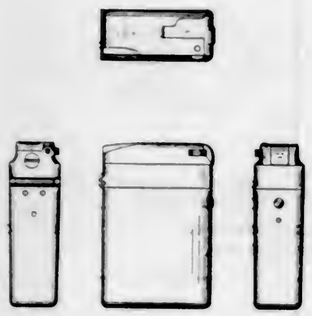
The ornamental design for a splash panel accessory unit for cooking stoves, as shown.

151,340
DESIGN FOR A CIGARETTE LIGHTER
Alfred J. Flauder, Trumbull, Conn., assignor to Weidlich Bros. Manufacturing Company, Bridgeport, Conn.
Application April 14, 1947, Serial No. 138,377
Term of patent 14 years
(Cl. D48—27)



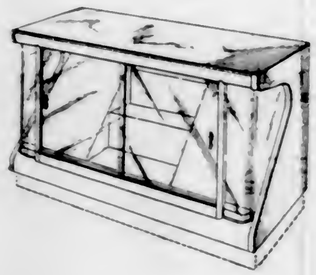
The ornamental design for a cigarette lighter, substantially as shown.

151,341
DESIGN FOR A COMBINED CIGARETTE CASE AND LIGHTER
Alfred Franck Fukal, Cambridge, Ohio, assignor to Franklin Sales & Manufacturers, Inc., Columbus, Ohio
Application October 15, 1946, Serial No. 133,957
Term of patent 3½ years
(Cl. D48—27)



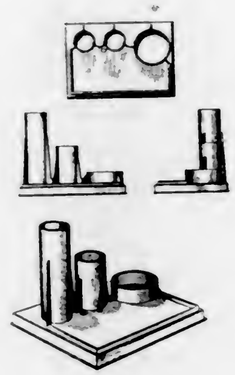
The ornamental design for a combined cigarette case and lighter, as shown.

151,342
DESIGN FOR A MERCHANDISE DISPLAY CASE
Henry Peter Glass, Chicago, Ill., assignor to Ekco Products Company, Chicago, Ill., a corporation of Illinois
Application March 2, 1946, Serial No. 127,059
Term of patent 14 years
(Cl. D80—11)



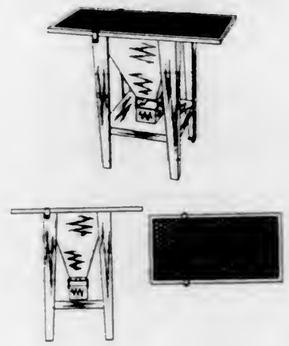
The ornamental design for a merchandise display case, as shown.

151,343
DESIGN FOR A TRAY FOR DESK ARTICLES
George G. Greger, Detroit, Mich.
Application July 15, 1946, Serial No. 131,581
Term of patent 14 years
(Cl. D80—9)



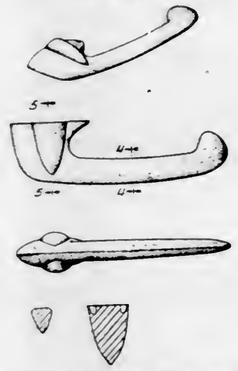
The ornamental design for a tray for desk articles, as shown.

151,344
DESIGN FOR A BARBECUE GRILL
William R. Hathaway, West Haven, Conn., assignor to United Advertising Corporation, New Haven, Conn., a corporation of New Jersey
Application December 6, 1945, Serial No. 124,418
Term of patent 3½ years
(Cl. D81—10)



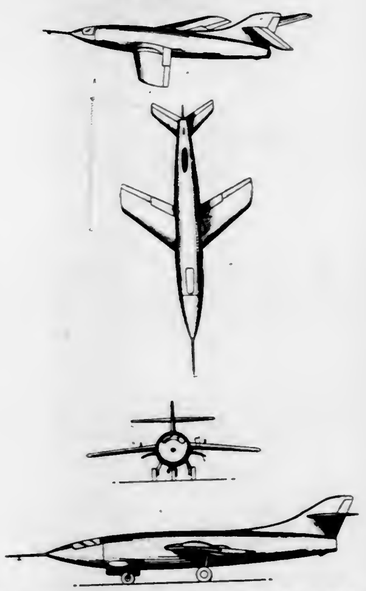
The ornamental design for a barbecue grill, substantially as shown.

151,345
DESIGN FOR AN OUTSIDE DOOR HANDLE OR SIMILAR ARTICLE FOR AN AUTOMOTIVE VEHICLE
Glenford M. Haviland, Royal Oak, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 3, 1947, Serial No. 135,930
Term of patent 7 years
(Cl. D10—8)



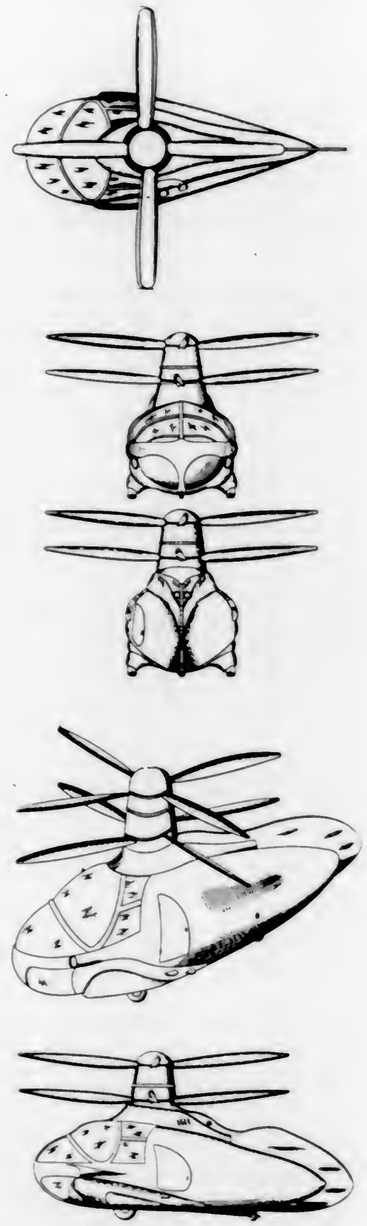
The ornamental design for an outside door handle or similar article for an automotive vehicle, substantially as shown.

151,346
DESIGN FOR AN AIRPLANE
Edward H. Heinemann and Leo J. Devlin, Los Angeles, Calif., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif.
Application May 5, 1947, Serial No. 138,823
Term of patent 7 years
(Cl. D71—1)



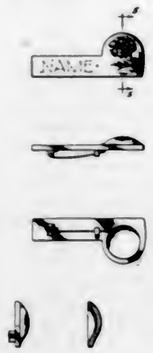
The ornamental design for an airplane, substantially as shown.

151,347
DESIGN FOR A HELICOPTER
Walter S. Hoover, South Newfane, Vt.
Application July 12, 1947, Serial No. 140,257
Term of patent 3½ years
(Cl. D71—1)



The ornamental design for a helicopter, as shown.

151,348
DESIGN FOR A PIN
William J. Jorgenson, Los Angeles, Calif.
Application May 27, 1946, Serial No. 130,133
Term of patent 14 years
(Cl. D45—19)

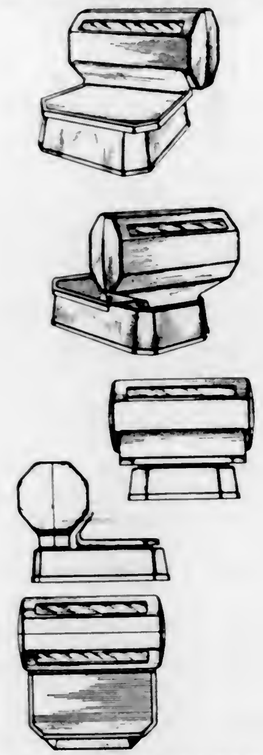


The ornamental design for a pin, as shown.

151,349
DESIGN FOR A TRAILER
William Josephian, Oakland, Calif.
Application July 19, 1947, Serial No. 140,392
Term of patent 14 years
(Cl. D14—3)

The ornamental design for a trailer, as shown.

151,350
DESIGN FOR A SCALE
Edward C. Karp, Belvidere, Ill.
Application August 5, 1946, Serial No. 132,293
Term of patent 14 years
(Cl. D52—10)

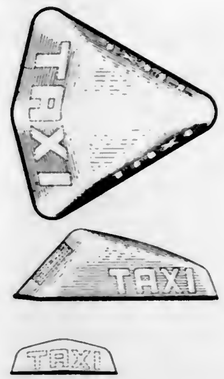


The ornamental design for a scale, as shown.

151,351
DESIGN FOR AN EXTERNAL DOME LIGHT FOR AUTOMOTIVE VEHICLES
Mathias J. Kately and Edward M. Peckwas, Chicago, Ill., assignors to Paul S. Ricchiuti, Chicago, Ill.
Application August 18, 1947, Serial No. 140,936
Term of patent 14 years
(Cl. D72—1)



151,351—Continued



The ornamental design for an external dome light for automotive vehicles, substantially as shown and described.

151,352
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,132
Term of patent 7 years
(Cl. D45—16)

The ornamental design for a necklace or similar article, substantially as shown and described.

151,353
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,133
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,354
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,135
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,355
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,137
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,356
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,139
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,357
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,172
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,358
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,221
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,359
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,222
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,360
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,223
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,361
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,224
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

151,362
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,229
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown.

151,363
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,230
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown.

151,364
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,231
Term of patent 7 years
(Cl. D45—19)



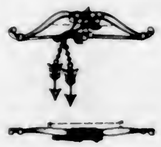
The ornamental design for a separable brooch or similar article, substantially as shown.

151,365
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 24, 1948, Serial No. 145,304
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,366
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 24, 1948, Serial No. 145,305
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,367
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application June 25, 1948, Serial No. 147,197
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

151,368
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 4, 1948, Serial No. 144,255
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,369
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,122
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,370
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,128
Term of patent 7 years
(Cl. D45—16)



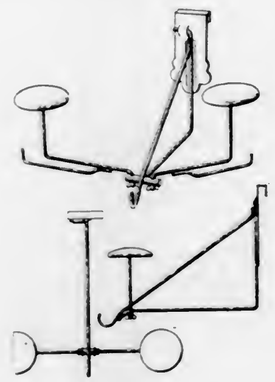
The ornamental design for a necklace or similar article, substantially as shown and described.

151,371
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,130
Term of patent 7 years
(Cl. D45—16)



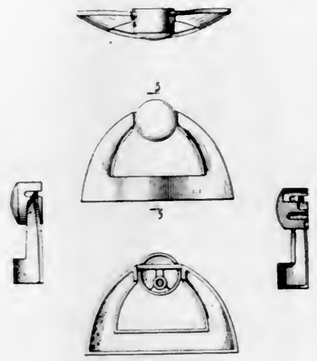
The ornamental design for a necklace or similar article, substantially as shown and described.

151,372
DESIGN FOR A CLOTHES HANGER
Leona S. Keefer, Dayton, Ohio
Application April 3, 1946, Serial No. 128,209
Term of patent 14 years
(Cl. D80—8)



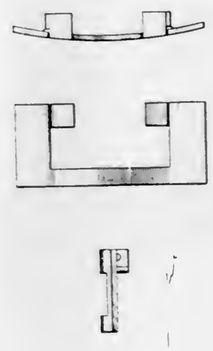
The ornamental design for a clothes hanger, as shown.

151,373
DESIGN FOR A DRAWER PULL
William A. Kendall, Winston-Salem, N. C., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application February 28, 1948, Serial No. 144,802
Term of patent 14 years
(Cl. D10—8)



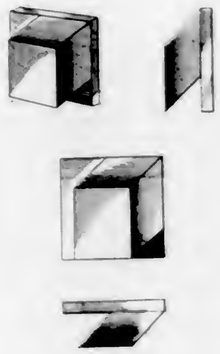
The ornamental design for a drawer pull, substantially as shown.

151,374
DESIGN FOR A DRAWER PULL
William A. Kendall, Winston-Salem, N. C., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application February 28, 1948, Serial No. 144,803
Term of patent 14 years
(Cl. D10—8)



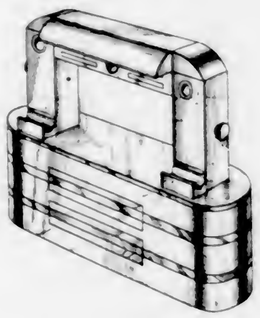
The ornamental design for a drawer pull, substantially as shown.

151,375
DESIGN FOR A PICTURE MOUNTING
Harry G. Koltnow, New York, N. Y., assignor to Kolto Art Products, Inc., New York, N. Y., a corporation of New York
Application January 18, 1947, Serial No. 136,231
Term of patent 14 years
(Cl. D29—20)



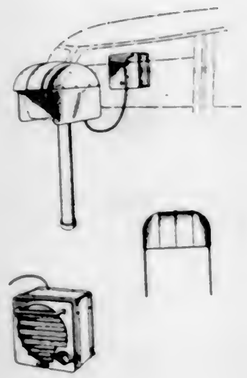
The ornamental design for a picture mounting, as shown.

151,376
DESIGN FOR A CIGARETTE DISPENSER
Charles Kutik, Paterson, N. J.
Application July 1, 1947, Serial No. 140,039
Term of patent 7 years
(Cl. D85—2)



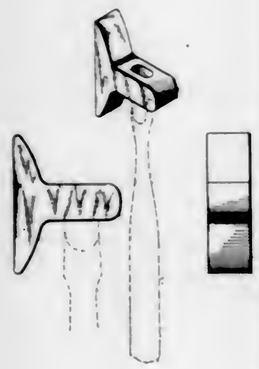
The ornamental design for a cigarette dispenser, as shown and described.

151,377
DESIGN FOR A COMBINED LOUD SPEAKER AND SHELTER THEREFOR
Ernoll Wayne La Barre, New York, N. Y., assignor of one-half to Herbert C. Leech, doing business as Herbert C. Leech Illustrators, New York, N. Y.
Application March 20, 1947, Serial No. 137,773
Term of patent 7 years
(Cl. D26—14)



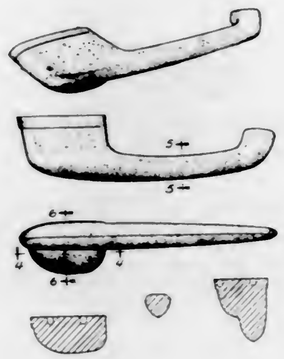
The ornamental design for a combined loud speaker and shelter therefor, as shown and described.

151,378
DESIGN FOR A METAL STRAIGHTENING HAMMER
Nathan Leskin, Philadelphia, Pa.
Application May 15, 1946, Serial No. 129,712
Term of patent 7 years
(Cl. D54—13)



The ornamental design for a metal straightening hammer, as shown.

151,379
DESIGN FOR AN OUTSIDE DOOR HANDLE OR SIMILAR ARTICLE FOR AN AUTOMOTIVE VEHICLE
Clare M. MacKichan, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 3, 1947, Serial No. 135,929
Term of patent 7 years
(Cl. D10—8)



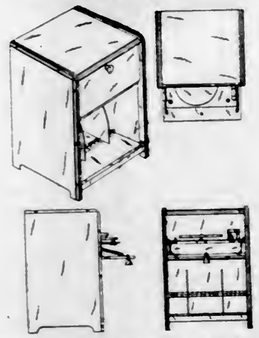
The ornamental design for an outside door handle or similar article for an automotive vehicle, substantially as shown.

151,380
DESIGN FOR A NECKTIE
David Margolis, New York, and Sol Weisblatt, Brooklyn, N. Y.
Application October 9, 1947, Serial No. 141,816
Term of patent 7 years
(Cl. D3—16)



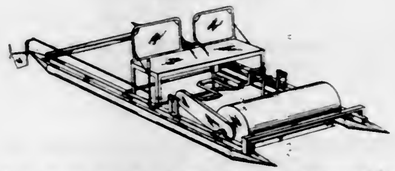
The ornamental design for a necktie, as shown and described.

151,381
DESIGN FOR A PHONOGRAPH
Max Mayerson, Richmond Heights, Mo.
Application June 18, 1947, Serial No. 139,780
Term of patent 3½ years
(Cl. D56—4)



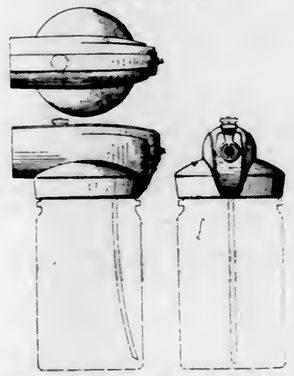
The ornamental design for a phonograph, as shown.

151,382
DESIGN FOR A WATERCRAFT
Elmer Melton, Oklahoma City, Okla.
Application June 28, 1947, Serial No. 139,983
Term of patent 3½ years
(Cl. D71—1)



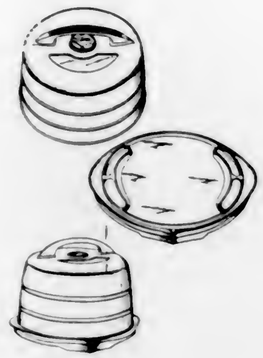
The ornamental design for a watercraft, as shown.

151,383
DESIGN FOR A SPRAYER
Carl E. Meyerhoefer, Brooklyn, N. Y., assignor to Lewyt Corporation, Brooklyn, N. Y., a corporation of New York
Application June 26, 1947, Serial No. 139,947
Term of patent 14 years
(Cl. D62—2)



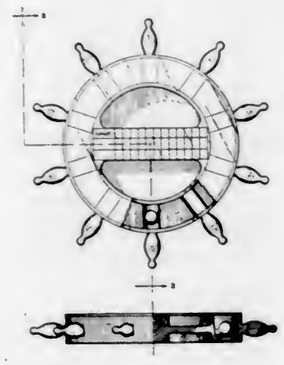
The ornamental design for a sprayer, as shown and described.

151,384
DESIGN FOR A COMBINED OVEN AND GRILL
Charles L. Moffat, Weston, Ontario, Canada, assignor to Moffats Limited, Weston, Ontario, Canada, a corporation
Application January 11, 1947, Serial No. 136,105
Term of patent 3½ years
(Cl. D44—1)



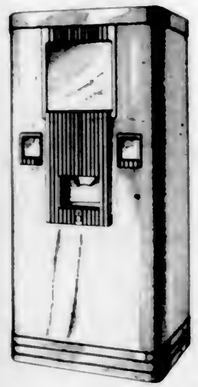
The ornamental design for a combined oven and grill, as shown.

151,385
DESIGN FOR A COMBINED BOWLING GAME DEVICE AND ASH TRAY
John D. Nagel and Walter Lang, Chicago, Ill.
Application October 25, 1946, Serial No. 134,263
Term of patent 14 years
(Cl. D34—5)



The ornamental design for a combined bowling game device and ash tray, as shown.

151,386
DESIGN FOR A VENDING MACHINE CABINET OR SIMILAR ARTICLE
Hans G. Nissen, New York, N. Y., assignor of one-half to Alexander I. Martin, New York, N. Y.
Application March 13, 1946, Serial No. 127,439
Term of patent 14 years
(Cl. D52—3)



The ornamental design for a vending machine cabinet or similar article, substantially as shown and described.

151,387
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 30, 1948, Serial No. 145,431
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,388
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 30, 1948, Serial No. 145,432
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,389
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 30, 1948, Serial No. 145,433
Term of patent 7 years
(Cl. D45—19)



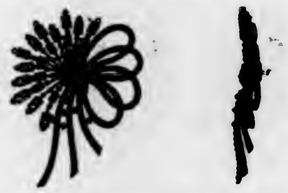
The ornamental design for a brooch or similar article, substantially as shown.

151,390
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 30, 1948, Serial No. 145,434
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,391
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 30, 1948, Serial No. 145,436
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,392
DESIGN FOR A CLIP OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application April 5, 1948, Serial No. 145,548
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a clip or similar article, substantially as shown.

151,393
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application April 5, 1948, Serial No. 145,549
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,394
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application April 5, 1948, Serial No. 145,550
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,395
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 9, 1948, Serial No. 147,458
Term of patent 7 years
(Cl. D45—19)



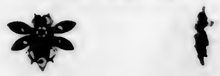
The ornamental design for a brooch or similar article, substantially as shown.

151,396
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 9, 1948, Serial No. 147,459
Term of patent 7 years
(Cl. D45—19)



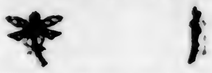
The ornamental design for a brooch or similar article, substantially as shown.

151,397
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 9, 1948, Serial No. 147,461
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,398
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 29, 1948, Serial No. 147,824
Term of patent 7 years
(Cl. D45—19)



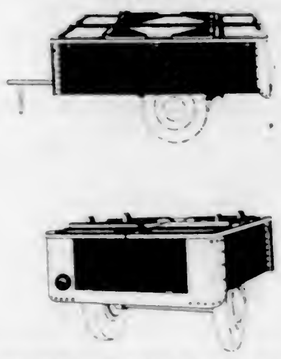
The ornamental design for a brooch or similar article, substantially as shown.

151,399
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 29, 1948, Serial No. 147,825
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,400
DESIGN FOR A CAMP TRAILER
John Morris Poche, New Orleans, La.
Application May 1, 1946, Serial No. 129,194
Term of patent 14 years
(Cl. D14—3)



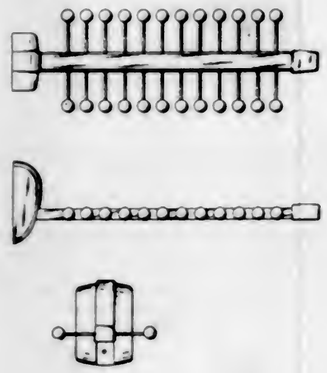
The ornamental design for a camp trailer, as shown and described.

151,401
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Renato Pomatti, Beacon, N. Y.
Application May 22, 1947, Serial No. 139,200
Term of patent 7 years
(Cl. D45—19)



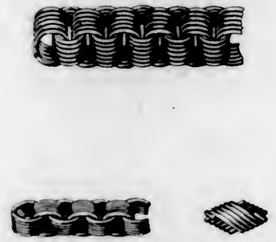
The ornamental design for a brooch or similar article, as shown and described.

151,402
DESIGN FOR A TIE-RACK
Thomas J. Ragland, Seattle, Wash.
Application May 17, 1946, Serial No. 129,772
Term of patent 7 years
(Cl. D33—8)



The ornamental design for a tie-rack, as shown and described.

151,403
DESIGN FOR A LINK CHAIN FOR A NECKLACE OR SIMILAR ARTICLE
Max Rahthus, New York, N. Y.
Application February 1, 1947, Serial No. 136,613
Term of patent 14 years
(Cl. D45—16)



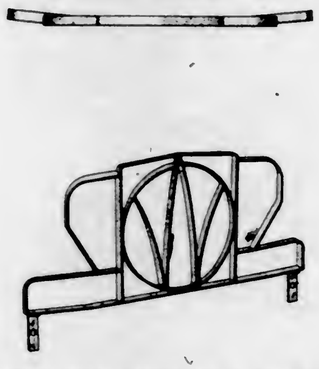
The ornamental design for a link chain for a necklace or similar article, substantially as shown.

151,404
DESIGN FOR A HANGER OR SIMILAR ARTICLE
Julia Read, New York, N. Y.
Application May 28, 1947, Serial No. 139,323
Term of patent 14 years
(Cl. D80—8)



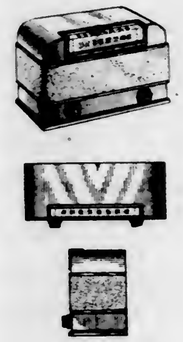
The ornamental design for a hanger or similar article, substantially as shown and described.

151,405
DESIGN FOR A GRILL GUARD FOR AUTOMOBILE RADIATORS
Edward A. Rehrmann, New York, N. Y., assignor to State Welding Works, Inc., New York, N. Y.
Application August 2, 1947, Serial No. 140,678
Term of patent 3½ years
(Cl. D14—6)



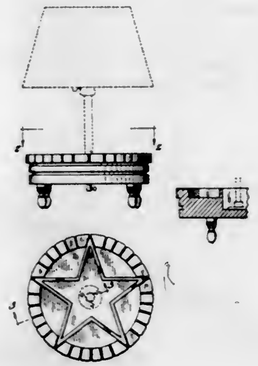
The ornamental design for a grill guard for automobile radiators, substantially as shown.

151,406
DESIGN FOR A RADIO RECEIVER CABINET
Jean O. Reinecke, Oak Park, Ill., assignor to Motorola, Inc., Chicago, Ill., a corporation of Illinois
Application September 18, 1947, Serial No. 141,462
Term of patent 3½ years
(Cl. D56—4)



The ornamental design for a radio receiver cabinet, substantially as shown and described.

151,407
DESIGN FOR A COMBINED LAMP AND FLOWER POT
Mariano Reres, Brooklyn, N. Y.
Application December 20, 1946, Serial No. 135,636
Term of patent 7 years
(Cl. D48—20)



The ornamental design for a combined lamp and flower pot, as shown and described.

151,408
DESIGN FOR A SHOT GUN SIGHT
Kenneth D. Richards, Gardner, Mass.
Application December 5, 1946, Serial No. 135,268
Term of patent 7 years
(Cl. D30—1)



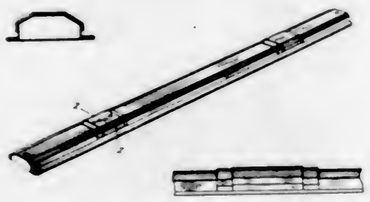
The ornamental design for a shot gun sight, as shown.

151,409
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Helyn M. Rogers, Minneapolis, Minn.
Application February 27, 1948, Serial No. 144,763
Term of patent 3½ years
(Cl. D45—19)



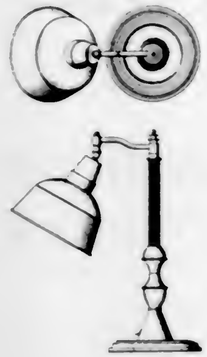
The ornamental design for a brooch or similar article, substantially as shown and described.

151,410
DESIGN FOR A LOWER RAIL FOR VENETIAN BLINDS
Harry S. Rosenbaum, Baltimore, Md.
Application October 24, 1946, Serial No. 134,203
Term of patent 14 years
(Cl. D21—6)



The ornamental design for a lower rail for Venetian blinds, as shown.

151,411
DESIGN FOR A MERCHANDISING COUNTER DISPLAY LAMP
Charles S. Rosenberg, Chicago, Ill.
Application May 29, 1947, Serial No. 139,354
Term of patent 14 years
(Cl. D48—20)



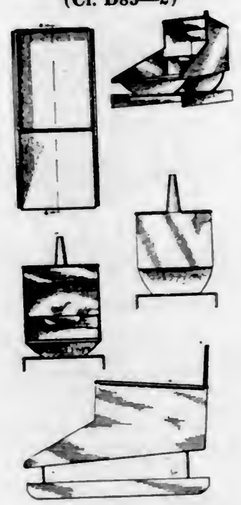
The ornamental design for a merchandising counter display lamp, as shown.

151,412
DESIGN FOR AN AERIAL TOY
Narcy B. Rucsynski, Detroit, Mich.
Application August 1, 1946, Serial No. 132,164
Term of patent 3½ years
(Cl. D34—15)



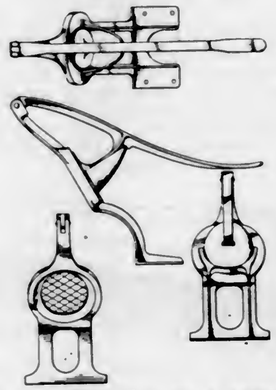
The ornamental design for an aerial toy, as shown and described.

151,413
DESIGN FOR A COMBINED ASH TRAY AND CIGARETTE HOLDER
Lee Sanchez and Thomas E. Lord, Hornitos, Calif.
Application June 9, 1947, Serial No. 139,532
Term of patent 7 years
(Cl. D85—2)



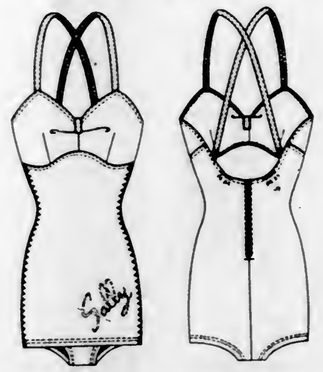
The ornamental design for a combined ash tray and cigarette holder, as shown.

151,414
DESIGN FOR A VEGETABLE SLICER
Frederick R. Smith, Toledo, Ohio
Application October 24, 1946, Serial No. 134,190
Term of patent 14 years
(Cl. D89—1)



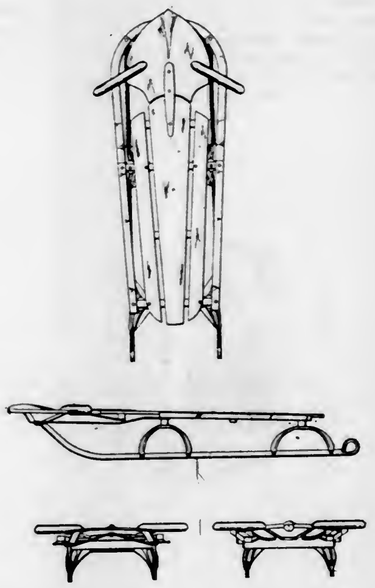
The ornamental design for a vegetable slicer, substantially as shown.

151,415
DESIGN FOR A BATHING SUIT
Mortimer Solomon, New York, N. Y.
Application October 16, 1947, Serial No. 141,953
Term of patent 3½ years
(Cl. D3—17)



The ornamental design for a bathing suit, substantially as shown.

151,416
DESIGN FOR A SLED
Carl W. Sundberg, Birmingham, Mich., assignor to Pratt Manufacturing Company, Coldwater, Mich., a copartnership
Application March 7, 1947, Serial No. 137,443
Term of patent 14 years
(Cl. D34—15)



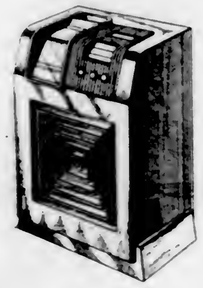
The ornamental design for a sled, as shown and described.

151,417
DESIGN FOR A COMBINED HIGH CHAIR AND BABY WALKER
Jack D. Sverdlik, West Hempstead, Long Island, N. Y.
Application May 17, 1947, Serial No. 139,119
Term of patent 7 years
(Cl. D15—8)



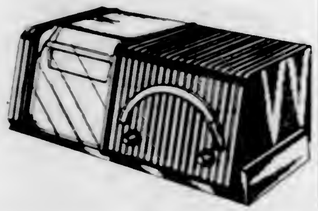
The ornamental design for a combined high chair and baby walker, as shown.

151,418
DESIGN FOR A FACSIMILE RECORDER
Walter Dorwin Teague, Annandale, N. J., assignor to Finch Telecommunications, Inc., Passaic, N. J., a corporation of Delaware
Application October 22, 1946, Serial No. 134,156
Term of patent 14 years
(Cl. D26—14)



The ornamental design for a facsimile recorder, as shown and described.

151,419
DESIGN FOR A FACSIMILE RECORDER
Walter Dorwin Teague, Annandale, N. J., assignor to Finch Telecommunications, Inc., Passaic, N. J., a corporation of Delaware
Application October 22, 1946, Serial No. 134,157
Term of patent 14 years
(Cl. D26—14)

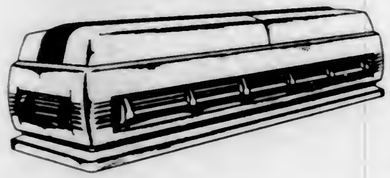


The ornamental design for a facsimile recorder, as shown and described.

151,420
DESIGN FOR A FACSIMILE RECORDER
Walter Dorwin Teague, Annandale, N. J., assignor to Finch Telecommunications, Inc., Passaic, N. J., a corporation of Delaware
Application October 22, 1946, Serial No. 134,158
Term of patent 14 years
(Cl. D26—14)

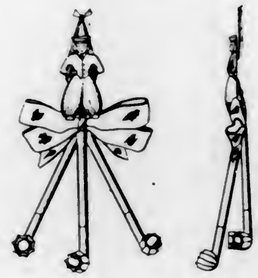
The ornamental design for a facsimile recorder, as shown and described.

151,421
DESIGN FOR A BURIAL CASKET
Arthur T. Thygeson, New York, and Peter Schladermundt, Bronxville, N. Y., assignors to National Casket Company, Inc., Boston, Mass., a corporation of New York
Application November 15, 1946, Serial No. 134,815
Term of patent 14 years
(Cl. D19—1)



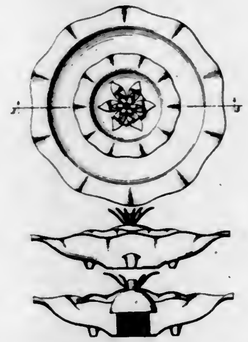
The ornamental design for a burial casket, substantially as shown and described.

151,422
DESIGN FOR A DRESS ORNAMENT
Herman Wapnick, Brooklyn, N. Y.
Application July 27, 1946, Serial No. 132,017
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a dress ornament, as shown.

151,423
DESIGN FOR A PORTABLE ELECTRIC FOUNTAIN
Lewis P. Weil, Cynwyd, Pa.
Application September 7, 1946, Serial No. 133,161
Term of patent 14 years
(Cl. D44—1)



The ornamental design for a portable electric fountain, as shown.

October 19, 1948 Volume 615 Number 3

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UNITED STATES PATENT OFFICE

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CHARLES SAWYER, *Secretary*

U. S. Patent Office

LAWRENCE C. KINGSLAND, *Commissioner*

PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 154,776. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	12-6-47	6-9-47	2208
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	12-31-47	2-24-47	1521
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	8-13-47	8-12 47	1557
50. LEVIN, SAMUEL, Synthetic Resins	12-31-47	9-19-47	2245
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	1-5-48	7-14-47	1789
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	10-13-47	12-16-46	3858
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	4-16-47	9-4-46	3621
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	1-6-48	7-18-47	1740
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	9-23-47	7-31-47	1961
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	12-16-47	10-31-47	1064
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys	3-29-47	10-3-46	3599
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-31-46	1-20-47	2126
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	8-23-47	4-7-47	2013
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	1-19-48	7-9-47	1438
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-17-46	3662
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	5-12-47	9-12-46	1921
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-30-47	8-30-47	1453
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	3-4-48	2-27-48	1543
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	1-2-48	6-6-47	2134
66. LISANN, I., Geometrical Instruments	6-5-47	4-16-46	2086
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	8-1-47	4-30-47	2012
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	1-10-48	7-21-47	1470
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	6-21-47	10-18-46	1809
DESIGNS: BREHM, G. L.	2-15-47	1-15-48	7758

Total number of trade-mark applications awaiting action (including renewals and republications) 40,035. Date of oldest new application, Sept. 9, 1947; date of oldest amended application, Mar. 1, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	1-9-48	6-2-48	3037
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-29-47	3-20-48	5618
3. SUMMERS, G. S., Classes 13, 21, 23, 26	9-15-47	5-3-48	4871
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	9-9-47	3-1-48	4439
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	10-10-47	3-11-48	3446
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-21-47	7-27 48	3305
7. KEYS, O. M., Classes 16, 19, 55	9-15-47	3-18-48	2191
8. GEDIMAN, H. W. {Renewals / Republications} All Classes	8-26-48 10-25-47	9-15-48 9-11-48	31 13097

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Allied Radio Corporation, Chicago, Ill. Radio receivers of console, table and portable types, phono-radio combinations, and radio kits. Serial No. 513,646, Oct. 19. Class 21.

Altmann, Bernhard, New York, N. Y. Gabardine piece goods. Serial No. 554,544, Oct. 19. Class 42.

Amboy Milk Products Company, Amboy, Ill. Evaporated milk, fresh cream and fresh milk. Serial No. 523,232, Oct. 19. Class 46.

American Cyanamid Company, New York, N. Y. Sulfonamide preparation. Serial No. 558,265, Oct. 19. Class 6.

American Cyanamid Company, New York, N. Y. Sulfonamide preparation for veterinary use. Serial No. 558,266, Oct. 19. Class 6.

American Iron & Machine Works Company, Oklahoma City, Okla. Check-valves, float-valves, gate-valves, etc. Serial No. 517,951, Oct. 19. Class 13.

Ames Company, Inc., Elkhart, Ind. Sulfathiazole-sulfadiazine buffered with sodium citrate. Serial No. 547,415, Oct. 19. Class 6.

Anchor Paper Company, The, Cincinnati, Ohio. Wrapping paper. Serial No. 514,928, Oct. 19. Class 37.

Andrews, Norris, Los Angeles, Calif. Box-liner for packing grapes. Serial No. 541,067, Oct. 19. Class 31.

Anglophone Recordings, Inc., New York, N. Y. Non-electrical phonographs, and mechanically grooved phonograph records. Serial No. 516,247, Oct. 19. Class 36.

Arkwright Merchandising Corporation, New York, N. Y. Sheets and pillow cases. Serial No. 551,846, Oct. 19. Class 42.

Armstrong Cork Company, Lancaster, Pa. House organs published periodically. Serial No. 529,951, Oct. 19. Class 38.

Armstrong Paint & Varnish Works, Chicago, Ill. Paste paint. Serial No. 540,624, Oct. 19. Class 16.

Arnoff Shoe Company, Inc., New York, N. Y. Shoes made of leather. Serial No. 534,229, Oct. 19. Class 39.

Associated Merchandising Corporation, New York, N. Y. Assorted candies. Serial No. 536,661, Oct. 19. Class 46.

Associated Merchandising Corporation, New York, N. Y. Facial tissues. Serial No. 540,364, Oct. 19. Class 37.

Atlantic Cable Splicing Co.: *See*—
Lawlor, Joseph W.

Babson Bros. Co., Chicago, Ill. Detergent washing powder. Serial No. 526,677, Oct. 19. Class 4.

Barton, Carl J., doing business as Barton Products Co., Chicago, Ill. Various compositions containing chemical ingredients. Serial No. 510,824, Oct. 19. Class 6.

Barton Products Co.: *See*—
Barton, Carl J.

Baumritter, T. Co., Inc., New York, N. Y. Living room chairs. Serial No. 492,028, Oct. 19. Class 32.

Beam, Victor, doing business as Pope's Grill, Tulsa, Okla. Salad dressings. Serial No. 521,786, Oct. 19. Class 46.

Beautime Formals, Inc., New York, N. Y. Women's and misses' dresses and evening gowns. Serial No. 546,751, Oct. 19. Class 39.

Berner, Robert L., Company, Chicago, Ill. Wax covered fresh parsnips. Serial No. 518,72, Oct. 19. Class 46.

Bissell Varnish Company, The, Bridgeport, Conn. Varnishes. Serial No. 535,295, Oct. 19. Class 16.

Blackinton, W. & S., Co., Inc., Meriden, Conn. Hollow ware including trays, dishes, salvers, etc. Serial No. 540,244, Oct. 19. Class 28.

Blue Ribbon Paint Company, Wheeling, W. Va. Varnishes. Serial No. 540,369, Oct. 19. Class 16.

Bonat, Samuel & Bro., Inc., New York, N. Y. Hair shampoos; hair waving solutions; hair rinses, etc. Serial No. 538,596, Oct. 19. Class 6.

Bookmark, The: *See*—
Leistner, George W.

Boretz, Abraham, doing business as Boretz Manufacturing Company, New York, N. Y. Trunks, traveling bags, pocketbooks, etc. Serial No. 548,045, Oct. 19. Class 3.

Boretz Manufacturing Company: *See*—
Boretz, Abraham.

Bradford Machine Tool Co., The, Cincinnati, Ohio. Buffers, grinders, and polishers. Serial No. 517,824, Oct. 19. Class 23.

Brosseau & Company, Inc., New York, N. Y. Handbags and pocketbooks. Serial No. 547,823, Oct. 19. Class 3.

Brotman Associates, Inc., San Francisco, Calif. Canned chocolate milk. Serial No. 541,805, Oct. 19. Class 46.

Brown Palace Beauty Salon: *See*—
Glass, Blanche D.

Bull, W. H., Medicine Company, St. Louis, Mo. Insecticides. Serial No. 528,908, Oct. 19. Class 6.

Bulova Watch Company, Inc., New York, N. Y. Watches. Serial No. 508,710, Oct. 19. Class 27.

Burdsal, A., Company, The, Indianapolis, Ind. Floor enamel and porch paint. Serial No. 526,602, Oct. 19. Class 16.

Burlington Mills Corporation, Greensboro, N. C. Cotton yarns. Serial No. 546,361, Oct. 19. Class 43.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Medicinal preparation containing antacids. Serial No. 529,136, Oct. 19. Class 6.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Product containing the active principals of digitalis freed from inert material. Serial No. 529,138, Oct. 19. Class 6.

Burroughs Wellcome & Co., (U.S. A.) Inc., New York, N. Y. Antacid preparation. Serial No. 552,742, Oct. 19. Class 6.

Buxton, Incorporated, Springfield, Mass. Billfolds. Serial No. 543,091, Oct. 19. Class 3.

Carbide and Carbon Chemicals Corporation, New York, N. Y. Chemical preparation. Serial No. 510,935, Oct. 19. Class 6.

Castello, Anthony, doing business as Castello Packing Company, Brooklyn, N. Y. Edible salad and cooking oils. Serial No. 517,700, Oct. 19. Class 46.

Castello Packing Company: *See*—
Castello, Anthony.

Celanese Corporation of America, New York, N. Y. Piece goods made of cellulose acetate type yarns. Serial No. 550,666, Oct. 19. Class 42.

Century Thread Corp., New York, N. Y. Sewing thread of cotton, silk, nylon, etc. Serial Nos. 518,655–6, Oct. 19. Class 43.

Chap Stick Co.: *See*—
Morton Manufacturing Corporation.

Chicago Federation of Labor, Chicago, Ill. Periodically and intermittently appearing printed programs, magazines, and labor union directories. Serial No. 502,489, Oct. 19. Class 38.

Chicago, Paints, Inc., Chicago, Ill. Paint enamel. Serial No. 538,362, Oct. 19. Class 16.

China & Glass Distributors, Inc., New York, N. Y. Glass dinner tableware and sets thereof. Serial No. 529,231, Oct. 19. Class 33.

Chirothesy Enterprises: *See*—
Zalowitz, Morris D.

Church & Dwight Co., Inc., New York, N. Y. Baking soda (bicarbonate of soda). Serial No. 526,752, Oct. 19. Class 46.

Church & Dwight Co. Inc., New York, N. Y. Bicarbonate of soda (baking soda). Serial No. 547,895, Oct. 19. Class 6.

Cincinnati Iron Fence Co. Inc., Cincinnati, Ohio. Kitchen appliance in the form of a combination portable drainboard, tray and cover. Serial No. 517,617, Oct. 19. Class 13.

Cleveland Dental Manufacturing Company, The, Cleveland, Ohio. Dental handpiece lubricating oil. Serial No. 558,864, Oct. 19. Class 15.

Clover Leaf Paint & Varnish Corporation, Long Island City, N. Y. Varnishes, japans, ready-mixed paints, etc. Serial No. 534,243, Oct. 19. Class 16.

Club Aluminum Products Company, Chicago, Ill. Top-of-stove heat resistant glass saucepans, double boilers, tea pots, etc. Serial No. 535,384, Oct. 19. Class 33.

Club Aluminum Products Company, Chicago, Ill. Glass cookingware. Serial No. 535,387, Oct. 19. Class 33.

Cohen, Julius, & Sons, Inc., New York, N. Y. Cotton, silk and mercerized, linen, and rayon thread. Serial No. 541,811, Oct. 19. Class 43.

Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Typewriter ribbons and carbon paper. Serial No. 540,175, Oct. 19. Class 11.

Columbia Trade Mark Co. Inc., New York, N. Y. Men's outer and under shirts, pajamas, shorts. Serial No. 525,793, Oct. 19. Class 39.

Comprehensive Fabrics Inc., New York, N. Y. Coated or impregnated piece goods of cotton, wool, silk, etc. Serial No. 540,983, Oct. 19. Class 42.

Continental Paint & Varnish Co., Chicago, Ill. Paint in paste and liquid form. Serial No. 539,276, Oct. 19. Class 16.

Corn Products Refining Company, New York, N. Y. Chemical products derived from corn. Serial No. 514,940, Oct. 19. Class 5.

Corning Glass Works, Corning, N. Y. Collars, color screens, cover glasses, etc. Serial No. 474,480, Oct. 19. Class 34.

Corry-Jamestown Manufacturing Corporation, Corry, Pa. Metal window sash, metal window frames, metal window casements, etc. Serial No. 518,753, Oct. 19. Class 12.

Cory Corporation, Chicago, Ill. Gas stoves. Serial No. 534,093, Oct. 19. Class 34.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial Nos. 543,100–12, Oct. 19. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,110, Oct. 19. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,121, Oct. 19. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,125, Oct. 19. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,131, Oct. 19. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,135, Oct. 19. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,138, Oct. 19. Class 42.
Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,140, Oct. 19. Class 42.
Crouch & Fitzgerald Corporation, New York, N. Y. Suit cases, traveling bags, portfolios, etc. Serial No. 545,242, Oct. 19. Class 3.
Cutter Laboratories, Berkeley, Calif. Solution of sodium citrate, dextrose and citric acid. Serial No. 512,391, Oct. 19. Class 6.
Dan-Dee Pretzel and Potato Chip Company, The, Cleveland, Ohio. Pretzels, potato chips, popcorn, etc. Serial No. 529,606, Oct. 19. Class 46.
Davidson Manufacturing Corporation, Chicago, Ill. Gum arabic solution-counter-etch, etc. Serial No. 532,914, Oct. 19. Class 6.
Davis, Alonzo E., Montgomery, Ala. Furniture polish. Serial No. 507,574, Oct. 19. Class 16.
De Long Hook and Eye Company, The, Philadelphia, Pa. Hook and eye tape. Serial No. 503,435, Oct. 19. Class 40.
Detergents, Inc., Columbus, Ohio. Detergents. Serial No. 511,799, Oct. 19. Class 4.
Dickey Manufacturing Company, The, Toledo, Ohio. Venetian blinds. Serial No. 536,772, Oct. 19. Class 32.
Disler, Mahlon M., doing business as The Disler Products Co., Canton, Ohio. Preparation for aiding in whipping cream. Serial No. 537,021, Oct. 19. Class 46.
Disler Products Co.: *See*—
Disler, Mahlon M.
Diversey Corporation, The, Chicago, Ill. Wood floor seal and finish in the nature of varnish, wood floor seal, water emulsion floor wax, etc. Serial No. 531,780, Oct. 19. Class 16.
Dolan & Bullock Co., Providence, R. I. Jewelry, not including watches. Serial No. 528,705, Oct. 19. Class 28.
Dormeyer Corporation, Chicago, Ill. Electric food mixers, juicers, and choppers. Serial No. 490,107, Oct. 19. Class 21.
Draper, Dorothy, New York, N. Y. Newspaper column. Serial No. 548,348, Oct. 19. Class 38.
Duncan-Wilson: *See*—
Wilson, Robert E.
Durelle Fabrics Corp., New York, N. Y. Printed pyroxylin coated cotton cloth. Serial No. 492,365, Oct. 19. Class 42.
Elmo, Inc., Philadelphia, Pa. Facial creams. Serial No. 537,026, Oct. 19. Class 6.
Elmo, Inc., Philadelphia, Pa. Face packs. Serial No. 537,027, Oct. 19. Class 6.
Elmore & Stahl, Pharr, Tex. Fresh vegetables. Serial No. 535,693, Oct. 19. Class 46.
Eston Chemicals, Inc., Los Angeles, Calif. Soil and grain fumigants. Serial No. 520,500, Oct. 19. Class 6.
Exton, Elaine, Washington, D. C. Column or section appearing in a periodical or newspaper. Serial No. 516,010, Oct. 19. Class 38.
Fairbanks Company, The, New York, N. Y. Steam and water valves. Serial No. 533,868, Oct. 19. Class 13.
Fairbanks Company, The, New York, N. Y. Plumbing and steam-fitting valves. Serial No. 533,870, Oct. 19. Class 13.
Falls Paper & Power Co., Oconto Falls, Wis. Paper towels, paper napkins and toilet tissue. Serial No. 537,676, Oct. 19. Class 37.
Farm Bureau Cooperative Association, Inc., The, Columbus, Ohio. Hog feeds. Serial No. 534,619, Oct. 19. Class 46.
Fazio Bros., Fresno, Calif. Fresh cantaloupes. Serial No. 535,013, Oct. 19. Class 46.
Fear, Fred, & Co., Brooklyn, N. Y. Christmas seals, printed tags and cards and printed tapes and stickers. Serial No. 516,180, Oct. 19. Class 38.
Feldman, Max, Miami Beach, Fla. Toilet cases. Serial No. 510,668, Oct. 19. Class 3.
Fibre-Metal Products Company, Chester, Pa. Machine for cutting specimens from welded joints. Serial No. 514,260, Oct. 19. Class 23.
Fiddelman, J., & Son, Inc., New York, N. Y. Finger rings. Serial No. 534,099, Oct. 19. Class 28.
Fieldston Ball Pen Co., Inc., New York, N. Y. Self-feeding pens and refills therefor. Serial No. 540,063, Oct. 19. Class 37.
Folkard & Lawrence, Inc., New York, N. Y. Woolen piece goods. Serial No. 534,558, Oct. 19. Class 42.
Forstmann Woolen Company, Passaic, N. J. Men's, women's, and children's outer garments. Serial No. 535,401, Oct. 19. Class 39.
Foundry Equipment Company, The, Cleveland, Ohio. Gas and oil fired industrial furnaces, ovens, and air heaters. Serial No. 507,579, Oct. 19. Class 34.
Fruitland Canning Association, Inc., Fruitland, Idaho. Canned vegetables. Serial No. 535,020, Oct. 19. Class 46.
General Aniline & Film Corporation, New York, N. Y. Sensitized photographic paper. Serial No. 535,025, Oct. 19. Class 26.
General Binding Corporation, Chicago, Ill. Ring-type binding elements. Serial No. 533,876, Oct. 19. Class 37.
General Box Company, Chicago, Ill. Pallets and skids. Serial No. 497,538, Oct. 19. Class 50.
General Motors Corporation, Detroit, Mich. Electrical lamps. Serial No. 521,068, Oct. 19. Class 21.
General Plastics Manufacturing Company: *See*—
Schatz, Louis W.
General Telephone Directory Company, Long Beach, Calif. Telephone directories. Serial No. 533,728, Oct. 19. Class 38.
Gibbons, J. T., Inc., New Orleans, La. Corn chops, corn meal, and oats. Serial No. 519,939, Oct. 19. Class 46.
Gilfillan Bros., Incorporated, Los Angeles, Calif. Radio and television receivers. Serial No. 517,633, Oct. 19. Class 21.
Gladstone Case Mfg. Co., Inc., Chicago, Ill. Hand luggage; overnight cases, wardrobe cases, etc. Serial No. 549,921–2, Oct. 19. Class 3.
Glass, Blanche D., doing business as Brown Palace Beauty Salon, Denver, Colo. Cosmetics and toilet preparations. Serial No. 514,271, Oct. 19. Class 6.
Glassine & Greaseproof Manufacturers Association, The, New York, N. Y. Semi-greaseproof glassine paper. Serial No. 537,174–5, Oct. 19. Class 37.
Goldner, Julius, doing business as Regal Chemical Co., Brooklyn, N. Y. Hydraulic brake fluid. Serial No. 519,816, Oct. 19. Class 6.
Goldsmith, Louis, Inc., Philadelphia, Pa. Men's and boys' suits, coats, vests, etc. Serial No. 531,789, Oct. 19. Class 39.
Governor Fastener Company, The, New York, N. Y. Fasteners, supporters, and/or coupling devices. Serial No. 546,492, Oct. 19. Class 40.
Graef, Jean R., Inc., New York, N. Y. Watch movements and wrist and pocket watches. Serial No. 531,465, Oct. 19. Class 27.
Greenberg, Bernard, New York, N. Y. Bow ties. Serial No. 534,983, Oct. 19. Class 39.
Greygor Watch Co., New York, N. Y. Watches, clocks, and parts thereof. Serial No. 517,720, Oct. 19. Class 27.
Grove Laboratories, Inc., The, Wilmington, Del., and St. Louis, Mo. Tablets for the relief of colds. Serial No. 550,920, Oct. 19. Class 6.
Gummed Products Company, The, Troy, Ohio. Fibrous sheet and web material backed with adhesive. Serial No. 534,529, Oct. 19. Class 5.
Gutmann and Company, Chicago, Ill. Leather. Serial No. 534,275, Oct. 19. Class 1.
Haas, Baruch & Co., Los Angeles, Calif. Coffee. Serial No. 541,296, Oct. 19. Class 46.
Hachmeister Incorporated, Pittsburgh, Pa. Emulsifier of shortening and water. Serial No. 519,751, Oct. 19. Class 46.
Haley, Fred M., doing business as Nello Company, Chattanooga, Tenn. Nonalcoholic maltless carbonated fruit punch beverage. Serial No. 518,528, Oct. 19. Class 45.
Hallcraft Company, Scarsdale, N. Y. Portable travel cases or holders in the nature of baggage. Serial No. 538,130, Oct. 19. Class 3.
Hanes, P. H., Knitting Company, Winston-Salem, N. C. Sportswear. Serial No. 531,467, Oct. 19. Class 39.
Hanes, P. H., Knitting Company, Winston-Salem, N. C. Underwear. Serial No. 531,469, Oct. 19. Class 39.
Hanes, P. H., Knitting Company, Winston-Salem, N. C. Knit and woven underwear for men, women, and children, and children's sleepers. Serial No. 531,471, Oct. 19. Class 39.
Hastings, Charles E., doing business as Hastings Instrument Company, Hampton, Va. Radio transmitters and receivers. Serial No. 515,423, Oct. 19. Class 26.
Hastings Instrument Company: *See*—
Hastings, Charles E.
Hat Corporation of America, Norwalk, Conn. Caps and hats for men. Serial No. 543,921, Oct. 19. Class 39.
Hawk & Buck Co., The, Fort Worth, Tex. Garments. Serial No. 538,408, Oct. 19. Class 39.
Heirloom Needlework Guild, Inc., New York, N. Y. Thread. Serial No. 518,223, Oct. 19. Class 43.
Heirloom Needlework Guild, Inc., New York, N. Y. Stamped goods for embroidery and sewing needles, crocheting needles, embroidery needles, etc. Serial No. 550,596, Oct. 19. Class 40.
Heirloom Needlework Guild, Inc., New York, N. Y. Partly finished needlepoint tapestry and stamped goods. Serial No. 550,597, Oct. 19. Class 40.
Hercules Powder Company, Wilmington, Del. Magazine (periodical). Serial No. 556,717–18, Oct. 19. Class 38.
Hill Packing Company, Topeka, Kans. Dog food. Serial No. 535,528, Oct. 19. Class 46.
Hillyard Chemical Company, St. Joseph, Mo. Liquid cleaner for floors and woodwork. Serial No. 559,447, Oct. 19. Class 4.
Hobson, J. H., Co., North Attleboro, Mass. Tie holders and religious goods. Serial No. 541,543, Oct. 19. Class 28.
Holland Furnace Company, Holland, Mich. Furnace fan. Serial No. 528,628, Oct. 19. Class 34.
Hooven & Allison Company, The, Xenia, Ohio. Rope; binder twine, etc. Serial No. 532,933, Oct. 19. Class 7.
Hudnut, Richard, New York, N. Y. Face powder, rouge, and lipstick. Serial No. 524,134, Oct. 19. Class 6.
Hudnut, Richard, New York, N. Y. Cake makeup. Serial No. 548,818, Oct. 19. Class 6.
Indestructo Trunk & Luggage Co., Mishawaka, Ind. Trunks; hand luggage. Serial No. 549,932, Oct. 19. Class 3.

Industrial Metal Protectives, Inc., Wilmington, Del., and Dayton, Ohio. Metal dust-containing compositions in the nature of a paint for coating metals. Serial No. 517,060, Oct. 19. Class 16.
Ingber, Herbert S., doing business as Transglo Company, The, Little Neck, and Corona, New York, N. Y. Semi-liquid wallpaper wax. Serial No. 511,615, Oct. 19. Class 16.
Interchemical Corporation, New York, N. Y. Window curtains and table coverings. Serial No. 535,847, Oct. 19. Class 42.
Jaeger Watch Company, Inc., New York, N. Y. Watches and clocks. Serial No. 541,300, Oct. 19. Class 27.
Jaeger Watch Company, Inc., New York, N. Y. Watches and clocks. Serial No. 541,303, Oct. 19. Class 27.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Soapless shampoo. Serial No. 513,286, Oct. 19. Class 6.
Johnson, Edward S., Inc., St. Paul, Minn. Well screens. Serial No. 528,573, Oct. 19. Class 13.
Judith Basin Mills, Inc.: *See*—
Montana Flour Mills Company.
K. & P. Industries, Inc., Kennewick, Wash. Canned vegetables. Serial No. 529,653, Oct. 19. Class 46.
Kendall Company, The, Boston, Mass. Athletic supporters. Serial No. 540,829, Oct. 19. Class 44.
Kent, John S., assignee: *See*—
Packard, M. A., Company.
Kerr Ice Cream Company, The, Cincinnati, Ohio. Ice cream. Serial No. 442,196, Oct. 19. Class 46.
Kiplinger Washington Agency, Inc., The, Washington, D. C. Magazine. Serial No. 515,379, Oct. 19. Class 38.
Kokomo Sanitary Pottery Corporation, Kokomo, Ind., and Chicago, Ill. Vitreous china water closets, tanks, and bowls. Serial Nos. 532,035–6, Oct. 19. Class 13.
Krim-Ko Corporation, Chicago, Ill. Chocolate flavor syrups. Serial No. 524,802, Oct. 19. Class 46.
Lacquer & Chemical Corporation, Brooklyn, N. Y. Varnish and pyroxylin lacquers, paint enamels, paint and varnish thinning liquids, etc. Serial No. 508,048, Oct. 19. Class 16.
Lang-Kohn, Inc., St. Louis, Mo. Girls' and women's dresses, coats, jackets, etc. Serial No. 541,059, Oct. 19. Class 39.
Langtot Inc., New York, N. Y. Window ventilators. Serial No. 523,785, Oct. 19. Class 34.
Lawlor, Joseph W., doing business as Atlantic Cable Splicing Co., Montrose, Calif. Special device coated with DDT crystals. Serial No. 501,991, Oct. 19. Class 6.
Leistner, George W., doing business as The Bookmark, Stockton, Calif. Booklet published recurrently. Serial No. 512,679, Oct. 19. Class 38.
Le Roi Hosiery Co., Inc., New York, N. Y. Hosiery. Serial No. 535,166, Oct. 19. Class 39.
Le Roi Hosiery Co. Inc., New York, N. Y. Men's, women's, and children's hosiery. Serial No. 535,167, Oct. 19. Class 39.
Le Roi Hosiery Co. Inc., New York, N. Y. Hosiery. Serial No. 535,168, Oct. 19. Class 39.
Levy, Myron B., Co., Inc., New York, N. Y. Neckwear tie interlinings sold in the piece, yard, roll, or bolt. Serial No. 541,847, Oct. 19. Class 42.
Liberty Foundry Company, St. Louis, Mo. Warm-air heating equipment. Serial No. 527,436, Oct. 19. Class 34.
Linen Thread Co., Inc., The, New York, N. Y. Thread. Serial No. 534,028, Oct. 19. Class 43.
Linen Thread Co., Inc., The, New York, N. Y. Twine. Serial No. 534,037, Oct. 19. Class 7.
Lisberg, Harry E., Co., Chicago, Ill. Ladies' and misses' blouses. Serial No. 498,705, Oct. 19. Class 39.
London Gramophone Corporation, The, New York, N. Y. Electric phonographs. Serial Nos. 512,843–4, Oct. 19. Class 21.
Lonergan Manufacturing Company, Albion, Mich. Space heaters. Serial No. 532,839, Oct. 19. Class 34.
Lowe Brothers Company, The, Dayton, Ohio. Paint enamels and varnishes. Serial No. 518,446, Oct. 19. Class 16.
Lowe, Donald and Company, Limited, Peebles, Scotland. Cloths and stuffs of wool, worsted, or hair. Serial No. 553,725, Oct. 19. Class 42.
Lynch, W. J., Paint & Varnish Co., Inc., East Providence, R. I. Paints and varnishes. Serial No. 511,485, Oct. 19. Class 16.
Macwhyte Company, Kenosha, Wis. Wire rope. Serial No. 550,814, Oct. 19. Class 7.
Mainco Trading Co., Kennebunk, Maine. Paper towels and tissue paper for various uses. Serial No. 540,840, Oct. 19. Class 37.
Markay Bags, Inc., New York, N. Y. Handbags. Serial No. 533,758, Oct. 19. Class 3.
Massachusetts Mattress Company, Boston, Mass. Bedding. Serial No. 523,902, Oct. 19. Class 32.
McHenry, Helen, Toledo, Ohio. Toilet creams, hair oil, and deodorant. Serial No. 537,059, Oct. 19. Class 6.
Mead, Johnson & Company, Evansville, Ind. Specially prepared food for infants. Serial No. 516,616, Oct. 19. Class 46.
Mepham, Geo. S., Corporation, assignor to C. K. Williams & Co., East St. Louis, Ill. Colors for masonry materials. Serial No. 546,717, Oct. 19. Class 12.
Merkin, M. J., Paint Co., Inc., New York, N. Y. White paint enamel. Serial No. 539,069, Oct. 19. Class 16.
Miami Sportswear Co., Miami, Fla. Men's, boys', women's, girls', misses', and children's swim suits, swim shorts, swim and play shorts, etc. Serial Nos. 500,994–5, Oct. 19. Class 39.
Michigan Chemical Corporation, St. Louis, Mich. Compound containing chlorobromomethane. Serial No. 513,833, Oct. 19. Class 6.
Michigan Chrome & Chemical Company, Detroit, Mich. Plastic protective coatings. Serial No. 515,577, Oct. 19. Class 16.
Miller Brewing Company, Milwaukee, Wis. Beer. Serial No. 536,943, Oct. 19. Class 48.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. Serial No. 542,622, Oct. 19. Class 26.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure responsive control apparatus. Serial No. 542,626, Oct. 19. Class 26.
Minwax Company, Inc., New York, N. Y. Wax finish. Serial No. 496,454, Oct. 19. Class 16.
Miracle Adhesives Corporation, Newark, N. J., and New York, N. Y. Prints and publications. Serial No. 548,093, Oct. 19. Class 38.
Miss Coquette, Inc., New York, N. Y. Ladies' slips, nightgowns, pajamas, etc. Serial No. 494,229, Oct. 19. Class 39.
Montana Flour Mills Company, doing business as Judith Basin Mills, Inc., Great Falls, Mont. Wheat flour. Serial No. 530,547, Oct. 19. Class 46.
Moore, John L. and H. C., Wichita Falls, Tex. Valves. Serial No. 508,490, Oct. 19. Class 13.
Mooresville Mills, Mooresville, N. C. Rayon piece goods. Serial No. 554,505, Oct. 19. Class 42.
Moran, R. J., Co., Boston, Mass. Antiseptic cream ointment. Serial No. 547,647, Oct. 19. Class 6.
Moran, R. J., Co., Boston, Mass. Medicinal preparation. Serial No. 547,753, Oct. 19. Class 6.
Morris Paint & Varnish Co., St. Louis, Mo. Ready-mixed paint. Serial No. 513,577, Oct. 19. Class 16.
Morton Manufacturing Corporation, doing business as Snow White Products Company, Lynchburg, Va. Lemon cream. Serial No. 520,761, Oct. 19. Class 6.
Morton Manufacturing Corporation, doing business as Chap Stick Co., Lynchburg, Va. Hand and skin balm. Serial No. 551,573, Oct. 19. Class 6.
Moyer, J. W., doing business as J. W. Moyer & Sons, Lincoln, Nebr. Self-polishing wax for floors and linoleum, and for furniture polish having incidental cleaning properties. Serial No. 538,157, Oct. 19. Class 16.
Moyer, J. W., & Sons: *See*—
Moyer, J. W.
Mt. Vernon Watch Co., Inc., New York, N. Y. Watches. Serial No. 501,468, Oct. 19. Class 27.
Muirson Label Co., Inc., San Jose, Calif. Food labels. Serial No. 537,066, Oct. 19. Class 38.
Mulkey Salt Company, Detroit, Mich., assignor to Morton Salt Company, Chicago, Ill. Salt. Serial No. 537,341, Oct. 19. Class 46.
Mutual Liquid Gas and Equipment Co., Inc., Inglewood, Calif. Gas burning floor and wall furnaces. Serial No. 516,029, Oct. 19. Class 34.
Naden, J. H., Sales Co.: *See*—
Naden, James H.
Naden, James H., doing business as J. H. Naden Sales Co., Denver, Colo. Cement base paint. Serial No. 516,910, Oct. 19. Class 16.
Napa Rock Mineral Water Company, Oakland, Calif. Sparkling water and non-alcoholic, maltless beverages. Serial No. 517,653, Oct. 19. Class 45.
National Aluminate Corporation, Chicago, Ill. Ion exchange compositions. Serial No. 527,935, Oct. 19. Class 6.
National Brief Case Mfg. Co. Inc., Chicago, Ill. Leather traveling bags and brief cases. Serial No. 549,940, Oct. 19. Class 3.
National Chemical & Manufacturing Company, Chicago, Ill. Paste paints. Serial No. 526,704, Oct. 19. Class 16.
National Growers & Shippers: *See*—
Sherman, Marty Company, assignee.
National Gypsum Company, Buffalo, N. Y. Flat oil paint. Serial No. 529,679, Oct. 19. Class 16.
Nello Company: *See*—
Haley, Fred M.
Netzky, William, doing business as Susquehanna Waist Company, Upland, Pa. Ladies', misses', and children's sportswear outer garments. Serial No. 546,865, Oct. 19. Class 39.
New York Merchandise Co., Inc., New York, N. Y. Safety pins and ordinary pins. Serial No. 531,233, Oct. 19. Class 40.
Noxruma Products Co.: *See*—
Respondek, John E.
O'Brien Corporation, The, by change of name from O'Brien Varnish Corporation, South Bend, Ind. Paint enamels, paint enamel undercoats, ready mixed interior paints. Serial No. 517,281, Oct. 19. Class 16.
O'Brien Varnish Corporation: *See*—
O'Brien Corporation, The.
O'Hearn Manufacturing Company, Gardner, Mass. Living room, bedroom, and other types of household chairs. Serial No. 536,710, Oct. 19. Class 32.

Ohio Brass Company, The, Mansfield, Ohio. Single pole switch circuit breakers and double pole junction boxes and safety feeder switches, etc. Serial No. 520,053, Oct. 19. Class 21.
Ojai Orange Association, Ojai, Calif. Fresh citrus fruits. Serial No. 542,642, Oct. 19. Class 46.
Orange Belt Fruit Distributors, Pomona, Calif. Fresh lemons. Serial No. 523,002, Oct. 19. Class 46.
Oshkosh Trunks and Luggage, Oshkosh, Wis. Trunks, hand luggage. Serial Nos. 549,954–5, Oct. 19. Class 3.
Oshkosh Trunks and Luggage, Oshkosh, Wis. Trunks, hand luggage. Serial Nos. 549,958–60, Oct. 19. Class 3.
Owens-Illinois Glass Company, Toledo, Ohio. Bottles made of glass. Serial No. 528,735, Oct. 19. Class 33.
Packard, M. A., Company, Brockton, assignor to John S. Kent, Hanover Center, Mass. Shoes with rubber soles and crepe soles. Serial No. 537,329, Oct. 19. Class 39.
Padre Vineyard Company, Los Angeles and Cucamonga, Calif. Brandy. Serial No. 520,202, Oct. 19. Class 49.
Pan-Am Foods, Inc.: *See*—
Pan-Am Freezers, Inc.
Pan-Am Freezers, Inc., Brownsville, Tex., now by change of name Pan-Am Foods, Inc. Frozen fruits and vegetables. Serial No. 511,635, Oct. 19. Class 46.
Parfums Wiel Paris Co., New York, N. Y. Perfumes, colognes, and toilet waters. Serial No. 553,735, Oct. 19. Class 6.
Parke, Davis & Company, Detroit, Mich. Chemotherapeutic agent. Serial No. 547,479, Oct. 19. Class 6.
Patek Brothers, Inc., Milwaukee, Wis. Paint sold in liquid form. Serial No. 531,827, Oct. 19. Class 16.
Patek Brothers, Inc., Milwaukee, Wis. Paint enamel. Serial No. 531,828, Oct. 19. Class 16.
Patek Brothers, Inc., Milwaukee, Wis. Paint sold in paste form. Serial No. 532,867, Oct. 19. Class 16.
Patek Brothers, Inc., Milwaukee, Wis. Paint sold in paste form. Serial No. 536,432, Oct. 19. Class 16.
Patt, Conrad J., Chicago, Ill. Bracket type supports for clothes hangers. Serial No. 526,676, Oct. 19. Class 13.
Penn-Plastics Corporation, Glenside, Pa. Molded industrial plastic electric switch plates. Serial No. 532,752, Oct. 19. Class 21.
Pennsylvania Refining Company, Butler, Pa. Motor lubricating oils. Serial No. 536,280, Oct. 19. Class 15.
Penola Inc., Chicago, Ill. Insecticides. Serial No. 550,067, Oct. 19. Class 6.
Physicians' Drug & Supply Co., Philadelphia, Pa. Drug to be used in the treatment of cardiac conditions and asthma. Serial No. 558,064, Oct. 19. Class 6.
Physicians' Drug & Supply Co., Philadelphia, Pa. Drug to be used in the treatment of thyroid diseases. Serial No. 558,065, Oct. 19. Class 6.
Plastic Wire & Cable Corporation, The, Jewett City, Conn. Cord. Serial No. 515,633, Oct. 19. Class 7.
Plough, Inc., Memphis, Tenn. Powder for prickly heat, nettle rash, and chafed skin. Serial No. 538,172, Oct. 19. Class 6.
Plymouth Cordage Company, Plymouth and North Plymouth, Mass. Fibrous and textile cables, ropes, and twines. Serial No. 544,191, Oct. 19. Class 7.
Plymouth Wholesale Dry Goods Corporation, New York, N. Y. Articles made of china, semi-porcelain and pottery, etc. Serial No. 516,501, Oct. 19. Class 30.
Pontiac Daily Press, The, Pontiac, Mich. Newspaper. Serial No. 542,880, Oct. 19. Class 38.
Pope's Grill: *See*—
Beam, Victor.
Powers Paper Co., Springfield, Mass. Boxed writing paper, writing tablets, envelopes, and pound papers. Serial No. 537,729, Oct. 19. Class 37.
Printer's Ink Publishers Co. Inc., New York, N. Y. Periodical publication published weekly. Serial No. 549,662, Oct. 19. Class 38.
Procter & Gamble Company, The, Cincinnati, Ohio. Edible vegetable fats. Serial No. 520,413, Oct. 19. Class 46.
Public Works Journal Corporation, New York, N. Y. Periodicals published from time to time. Serial No. 543,021, Oct. 19. Class 38.
Pure Oil Company, The, Chicago, Ill. Stove and lamp naphthas and gasoline. Serial No. 563,751, Oct. 19. Class 15.
Purity Cheese Company, Mayville, Wis. Cheese. Serial No. 495,503, Oct. 19. Class 46.
Quality Store, The, Inc., Wilmington, Del. Suits, topcoats, and sportcoats for men and boys. Serial No. 510,343, Oct. 19. Class 39.
Red Jacket Coal Sales Company, Columbus, Ohio. Coal. Serial No. 536,953, Oct. 19. Class 1.
Red Wing Oil Burner Company: *See*—
Yarin, Irving H.
Regal Chemical Co.: *See*—
Goldner, Julius.
Register and Tribune Company, The, Des Moines, Iowa. Newspaper. Serial No. 548,843, Oct. 19. Class 38.
Respondek, John E., doing business as Noxzuma Products Co., Detroit, Mich. Herb tea. Serial No. 534,190, Oct. 19. Class 6.
Reznor Manufacturing Company, Mercer, Pa. Heating furnaces and stoves, console heaters, fireplace heaters, etc. Serial No. 540,318, Oct. 19. Class 34.
Richards-Wilcox Manufacturing Company, Aurora, Ill. Hardware for garage doors of the vertical turn-over type. Serial No. 527,255, Oct. 19. Class 13.
Richards-Wilcox Manufacturing Company, Aurora, Ill. Metallic sliding door track. Serial No. 527,937, Oct. 19. Class 13.
Rival Foods, Inc., Cambridge, Mass. Canned fruit, canned vegetables, canned fruit juices, etc. Serial No. 535,626, Oct. 19. Class 46.
Robbins, Anatole, Inc., Los Angeles, Calif. Liquid make-up preparation. Serial No. 524,818, Oct. 19. Class 6.
Roberts Paint Corp., New York, N. Y. Ready mixed paints, paste paints, wood stains, etc. Serial No. 516,574, Oct. 19. Class 16.
Rock-Ola Manufacturing Corporation, Chicago, Ill. Weighing scales. Serial No. 541,786, Oct. 19. Class 26.
Ronuk, Limited, Portslade, England. Steelwool and steel shavings. Serial No. 559,182, Oct. 19. Class 4.
Rosenthal & Kaplan, New York, N. Y. Finger rings. Serial No. 525,683, Oct. 19. Class 28.
Ross Packing Co., Selah, Wash. Dried fruits. Serial No. 531,247, Oct. 19. Class 46.
Rothwell-Gatrell Fruit Co., Inc., Martinsburg, W. Va. Fresh apples. Serial No. 541,184, Oct. 19. Class 46.
Royal Society, Inc., New York, N. Y. Knitting pins, crochet hooks, afghan hooks, etc. Serial Nos. 550,555–6, Oct. 19. Class 40.
Royal Typewriter Company, Inc., New York, N. Y. Carbon paper. Serial No. 547,874, Oct. 19. Class 11.
S. & G. Rubber Company, Inc., New York, N. Y. Combs. Serial No. 537,735, Oct. 19. Class 40.
Sager, Barbara A., doing business as Sager Enterprizes, West McHenry, Ill. Sanitary napkin disposal pouches. Serial No. 509,374, Oct. 19. Class 2.
Sager Enterprizes: *See*—
Sager, Barbara A.
Sandhaus, Abe, New York, N. Y. Woven fabrics in the piece. Serial No. 541,887, Oct. 19. Class 42.
Sauerman Bros., Inc., Chicago, Ill. Wire cable. Serial No. 527,140, Oct. 19. Class 7.
Schatz, Louis W., doing business as General Plastics Manufacturing Company, Tacoma, Wash. Preservative treating chemicals for fishnets. Serial No. 548,763, Oct. 19. Class 6.
Schloss Bros. & Co. Inc., Baltimore, Md. Men's and young men's topcoats. Serial No. 535,883, Oct. 19. Class 39.
Schulman, Mike, Inc., New York, N. Y. Underwear for infants, children and women. Serial No. 544,467, Oct. 19. Class 39.
Schwartz, Rudolph L., doing business as Watertecter Company, Buffalo, N. Y. Composition of matter. Serial No. 549,009, Oct. 19. Class 6.
Schwarzenbach-Huber Company, The, New York, N. Y. Fabrics in the piece. Serial No. 553,910, Oct. 19. Class 42.
Schwarzenbach-Huber Company, The, New York, N. Y. Fabrics in the piece. Serial No. 553,912–15, Oct. 19. Class 42.
Schwarzenbach-Huber Company, The, New York, N. Y. Fabrics in the piece. Serial No. 553,917, Oct. 19. Class 42.
Sears, Roebuck and Co., Chicago, Ill. Insecticides and moth preventives. Serial No. 550,086, Oct. 19. Class 6.
Seely Shoulder Pad Corporation, New York, N. Y. Forms for combination with garments to mold and shape the figures wearing the garments, shoulder pads, dress shields, etc. Serial No. 517,927, Oct. 19. Class 40.
Seeman Brothers, Inc., New York, N. Y. Canned salmon. Serial No. 536,298, Oct. 19. Class 46.
Seidelmann, Ernst, Corporation, New York, N. Y. Dress goods in the piece. Serial No. 537,944, Oct. 19. Class 42.
Service Industries, Philadelphia, Pa. Chemical compound. Serial No. 533,409, Oct. 19. Class 6.
Sherman, Marty, Company, assignee of National Growers & Shippers, El Centro, Calif. Fresh vegetables. Serial No. 518,359, Oct. 19. Class 46.
Simonin's, C. F., Sons, Inc., Philadelphia, Pa. Edible vegetable oil. Serial No. 517,928, Oct. 19. Class 46.
Sipe, James B., and Company, Pittsburgh, Pa. Varnish and clear varnish sealer. Serial No. 531,382, Oct. 19. Class 16.
Sipe, James B., and Company, Pittsburgh, Pa. Mixture of paint oils. Serial No. 531,383, Oct. 19. Class 16.
Smucker, J. M., Co., The, Orrville, Ohio. Fruit preserves, jellies, jam, etc. Serial No. 532,512, Oct. 19. Class 46.
Snow White Products Company: *See*—
Morton Manufacturing Corporation.
Solar Manufacturing Corporation, New York, N. Y. Paper tubular capacitors. Serial No. 510,900, Oct. 19. Class 21.
Solar Manufacturing Corporation, North Bergen, N. J. Electrical capacitors. Serial No. 520,358–9, Oct. 19. Class 21.
Sopic Corporation, New York, N. Y. Cotton, rayon and woolen piece goods. Serial No. 554,265, Oct. 19. Class 42.
Springs Cotton Mills, The, Lancaster, S. C. Sheets, pillow cases, and cotton and rayon textile fabrics by the yard and in the bolt. Serial No. 554,621, Oct. 19. Class 42.
Springs Cotton Mills, The, Lancaster, S. C. Sheets, pillow cases, and cotton and rayon textile fabrics. Serial No. 554,623–4, Oct. 19. Class 42.
Squibb, W. P., Distilling Co., Inc., Vincennes, Ind. Whiskey. Serial No. 522,039, Oct. 19. Class 49.

Staley, A. E., Manufacturing Company, Decatur, Ill. Lecithin concentrate. Serial No. 520,360, Oct. 19. Class 46.
Standard-Coosa-Thatcher Company, Chattanooga, Tenn. Thread. Serial No. 528,124, Oct. 19. Class 43.
Standard-Coosa-Thatcher Company, Chattanooga, Tenn. Thread. Serial No. 528,137, Oct. 19. Class 43.
Standard Milling Company, Chicago, Ill. Flours mixes. Serial No. 519,352, Oct. 19. Class 46.
Stanley Fruit Company, Phoenix, Ariz. Fresh lettuce, fresh carrots and fresh cantaloupes. Serial No. 531,050, Oct. 19. Class 46.
Stanley Manufacturing Co., Inc., The, Denver, Colo. Covering for bed pads, mattresses, and bedding, made of fabric. Serial No. 549,852, Oct. 19. Class 42.
Stein Bros. Mfg. Co., Chicago, Ill. Two-suiters and companion bags; and ladies luggage. Serial No. 544,002, Oct. 19. Class 3.
Stevens, J. P., & Co., Inc., New York, N. Y. Woolen and worsted piece goods. Serial No. 525,701, Oct. 19. Class 42.
Strand Fisheries: *See*—
Strand, Gus.
Strand, Gus, doing business as Strand Fisheries, Aberdeen, Wash. Canned clams, canned crabmeat, canned salmon, and canned tuna. Serial No. 503,952, Oct. 19. Class 46.
Submerged Combustion Company of America, Inc., Hammond, Ind. Burners for direct combustion of fuel. Serial No. 504,801, Oct. 19. Class 34.
Susquehanna Waist Company: *See*—
Netzky, William.
Tennessee Copper Company, Copperhill, Tenn. Copper fungicides. Serial No. 536,313, Oct. 19. Class 6.
Terry-Ann Sportswear Co., New York, N. Y. Ladies' and misses' lounging robes, bath robes, slacks, etc. Serial No. 535,435, Oct. 19. Class 39.
Thermoid Company, Trenton, N. J. Transmission belting. Serial No. 541,960, Oct. 19. Class 35.
Transglo Company, The: *See*—
Ingber, Herbert S.
Trim Sales Company, Grand Rapids, Mich. Garment protectors. Serial No. 535,274, Oct. 19. Class 50.
Truscon Steel Company, Youngstown, Ohio. Highway road guards and parts thereof. Serial No. 539,996, Oct. 19. Class 12.
U. S. Fibre & Plastics Corp., Stirling, N. J. Kitchen aprons. Serial No. 510,136, Oct. 19. Class 39.
United States Rubber Company, New York, N. Y. Pliant synthetic plastic sheeting. Serial No. 501,424, Oct. 19. Class 50.
Up-Kit Company, San Francisco, Calif. Ladies' travelling bags. Serial No. 519,238, Oct. 19. Class 3.
Waconia Sorghum Company, Cedar Rapids, Iowa. Sorghum sirup. Serial No. 532,530, Oct. 19. Class 46.
Wallace & Tiernan Products, Inc., Belleville, N. J. Antiseptics. Serial No. 553,438, Oct. 19. Class 6.
Wallerstein Company, Inc., New York, N. Y. Malt and grain concentrate. Serial No. 530,134, Oct. 19. Class 48.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Baby coaches. Serial No. 545,202, Oct. 19. Class 19.
Warren Featherbone Company, The, Three Oaks, Mich. Safety pins. Serial No. 551,705, Oct. 19. Class 40.
Watertecter Company: *See*—
Schwartz, Rudolph L.
Webster, G. L., Company, Inc., Cheriton, Va. Tomato juice cocktail, tomato juice, and preserves. Serial No. 541,616, Oct. 19. Class 46.
Wellington Sears Company, New York, N. Y. Piece goods of cotton, wool, silk, etc. Serial No. 544,234, Oct. 19. Class 42.
Werk, M., The, Company, St. Bernard, Ohio. Cleaning compound. Serial No. 552,297–8, Oct. 19. Class 4.
Western Garment Company, St. Louis, Mo. Women's outer coats and suits. Serial No. 544,235, Oct. 19. Class 39.
Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic motor controls. Serial No. 528,325, Oct. 19. Class 21.
White-Haines Optical Company, The, Columbus, Ohio. Ophthalmic lenses, frames, mountings, etc. Serial No. 537,383, Oct. 19. Class 26.
Wilcob Company, The, Moorhead, Minn. Seed potatoes. Serial No. 525,268, Oct. 19. Class 1.
Wilkins, E. J., Company, Gloversville, N. Y. Comb and a finger nail file sold together in a leather case. Serial No. 549,033, Oct. 19. Class 40.
Williams, C. K., & Co.: *See*—
Mepham, Geo. S., Corporation.
Willow Shirt and Underwear Corporation, The, New Haven, Conn., now by change of name The Willow Shirt Corporation. Men's outer shirts and pajamas. Serial No. 529,737, Oct. 19. Class 39.
Willow Shirt Corporation, The: *See*—
Willow Shirt and Underwear Corporation, The.
Wilson, Andrew, Inc., Springfield, N. J. Preparation for killing slugs, snails, and other pests. Serial No. 537,263, Oct. 19. Class 6.
Wilson, Andrew, Inc., Springfield, N. J. Insecticides. Serial No. 537,266, Oct. 19. Class 6.
Wilson, Robert E., doing business under the name Duncan-Wilson, Princeton, N. J. Preparation to alleviate unpleasant after-effects from overindulgence. Serial No. 545,806, Oct. 19. Class 6.
Winsor & Newton, Limited, Wealdstone, Harrow, Middlesex, England. Colors, paint pigments (cake and moist tube), and color liquids in bottles. Serial No. 520,847, Oct. 19. Class 16.
Wise, Otto, Los Angeles, Calif. Rayon fabrics in the piece. Serial No. 544,238, Oct. 19. Class 42.
Wise, Otto, Los Angeles, Calif. Rayon fabrics in the piece. Serial No. 544,240, Oct. 19. Class 42.
Wyeth Incorporated, Philadelphia, Pa. Pre-cooked cereal with papaya. Serial No. 535,209, Oct. 19. Class 46.
Yarin, Irving H., doing business as Red Wing Oil Burner Company, Chelsea, Mass. Oil burners and parts thereof. Serial No. 520,850, Oct. 19. Class 34.
Zalowitz, Morris D., Ph. D., doing business as Chirothesy Enterprises, Los Angeles, Calif. Cold remedy. Serial No. 523,724, Oct. 19. Class 6.
Zeno Trading Corporation, New York, N. Y. Watches and clocks. Serial No. 526,178, Oct. 19. Class 27.
Zeon, Chicago, Ill. Electric lighting fixtures, electric lamps, gaseous conduction lamps, etc. Serial No. 527,559, Oct. 19. Class 21.

LIST OF REGISTRANTS OF TRADE-MARKS

A. P. W. Products Company, Inc.: *See*—
Albany Perforated Wrapping Paper Company.
Abbott, Donald B., Auburn, by G. H. Bass & Co., Wilton, Maine. Shoes. 164,084, Feb. 13, 1923. Republished Oct. 19. Class 39.
Abel & Bach, Inc., Milwaukee, Wis. Suitcases. 503,255, Oct. 19; Serial No. 543,676, published July 6, 1948. Class 3.
Accurate Parts Manufacturing Company, The: *See*—
Parts Manufacturing Company.
Ackerman Door Interviewer Corp., to George W. Ackerman, New York, N. Y. Metal door wickets and grilles. 250,501, renewed Dec. 11, 1948. O. G. Oct. 19. Class 13.
Ackerman, George W.: *See*—
Ackerman Door Interviewer Corp.
Acme Backing Corporation, Brooklyn, N. Y. Coated and embossed, impregnated papers. 503,124, Oct. 19; Serial No. 534,074, published July 6, 1948. Class 50.
Adams, Arthur R.: *See*—
Adams Rite Manufacturing Company, assignee.
Adams Rite Manufacturing Company, Glendale, Calif., assignee to Arthur R. Adams. Door bolts, locks, door fasteners and catches. 502,988, Oct. 19; Serial No. 504,873, published July 20, 1948. Class 25.
Advertising Research Foundation Inc., The, New York, N. Y. Publications covering reports of studies, surveys, and analyses. 503,064, Oct. 19; Serial No. 530,893, published June 22, 1948. Class 38.
Aerovox Corporation, New Bedford, Mass. Electrolytic condensers, mica condensers, tubular condensers, etc. 503,249, Oct. 19; Serial No. 543,368, published July 20, 1948. Class 21.
Aigner, G. J., & Co.: *See*—
Aigner, George J.
Aigner, G. J., Company: *See*—
Aigner, George J.
Aigner, George J., doing business as G. J. Aigner & Co. to G. J. Aigner Company, Chicago, Ill. Supplies for filing systems or equipments. 244,459, renewed July 17, 1948. O. G. Oct. 19. Class 37.
Airdor Company, The, Chicago, Ill. Closures. 503,048, Oct. 19; Serial No. 529,429, published July 20, 1948. Class 50.
Aktiebolaget Gustaf Erikssons Metallfabrik, Eskilstuna, Sweden. Sterling silver or silver plated tableware, flatware, and hollow ware. 441,019, Oct. 19; Serial No. 493,095, published June 29, 1948. Class 28.
Akts. M., Aarsleff, & Co., Copenhagen, Denmark. Perfumes, and eau de cologne. 441,034, Oct. 19; Serial No. 505,790, published July 13, 1948. Class 6.
Albany Perforated Wrapping Paper Company, to A. P. W. Products Company, Inc., Albany, N. Y. Toilet paper. 250,652, renewed Dec. 11, 1948. O. G. Oct. 19. Class 37.
Albany Perforated Wrapping Paper Company, to A. P. W. Products Company, Inc., Albany, N. Y. Toilet paper. 250,816, renewed Dec. 18, 1948. O. G. Oct. 19. Class 37.
Algemeene Kunstzijde Unie, N. V., Arnhem, Netherlands. Artificial fibers, such as cellulose fiber, protein fiber (e. g. milk wool), cut artificial silk, etc. 441,120–4, Oct. 19; Serial Nos. 524,031–5, published July 13, 1948. Class 1.

Allen, David H., doing business as National Hog Medicine Company, Raleigh, N. C. General tonic and conditioner for hogs, horses, cows, etc. 503,132, Oct. 19; Serial No. 534,587, published July 20, 1948. Class 6.

Allied Chemical & Dye Corporation: *See*—
General Chemical Company.

Allied Stores Corporation, New York, N. Y., doing business as The Bon Marche, Seattle, Wash., Dey Brothers & Company, Syracuse, N. Y., and Quackenbush Company, Paterson, N. J. Writing paper, mailing envelopes, printing paper, etc. 441,099, Oct. 19; Serial No. 519,915, published June 29, 1948. Class 37.

Altone Chemical Company, Inc., New Orleans, La. Salve for relief of head and chest colds, headaches, etc. 503,158, Oct. 19; Serial No. 536,029, published June 29, 1948. Class 6.

American Biochemical Company, Inc., New York, N. Y., by The Harrower Laboratory, Inc., Glendale, Calif. Vitamins. 426,915, Jan. 21, 1947. Republished Oct. 19. Class 6.

American Bitumuls Company, Wilmington, Del., and San Francisco, Calif. Periodical publications. 503,278, Oct. 19; Serial No. 548,042, published July 6, 1948. Class 38.

American Boys' Comics, Inc., New York, N. Y. Periodical publication of the comic book type. 503,277, Oct. 19; Serial No. 547,958, published July 6, 1948. Class 38.

American Chemical Company, Birmingham, Ala. Cigarette lighter fuel. 441,048, Oct. 19; Serial No. 510,372, published July 20, 1948. Class 6.

American Chemical Paint Company, Ambler, Pa. Chemical preparations for exterminating weeds. 503,055, Oct. 19; Serial No. 529,849, published July 20, 1948. Class 6.

American Cyanamid Company, New York, N. Y. Pteroyl gamma glutamic acid, etc. 503,046, Oct. 19; Serial No. 529,333, published July 20, 1948. Class 6.

American Hard Rubber Company, New York, N. Y. Hard rubber combs. 503,065, Oct. 19; Serial No. 530,903, published June 22, 1948. Class 40.

American Hardware Company, Inc., Petersburg, Va. Luggage. 503,101, Oct. 19; Serial No. 532,674, published June 22, 1948. Class 3.

American Lava Corporation, Chattanooga, Tenn. Noncorrosive, heat-resisting, fired material. 305,928, Aug. 29, 1933. Republished Oct. 19. Class 21.

American Lava Corporation, Chattanooga, Tenn. High dielectric constant ceramics. 426,925, Jan. 21, 1947. Republished Oct. 19. Class 21.

American Manufacturing Company: *See*—
American Manufacturing Company, The.

American Manufacturing Company, The, New York, by American Manufacturing Company, Brooklyn, N. Y. Rope, cord, lines, and twine. 57,434, Nov. 13, 1906. Republished Oct. 19. Class 7.

American Manufacturing Company, The, Charleston, W. Va., and New York, by American Manufacturing Company, Brooklyn, N. Y. Packing for pipe-joints. 73,633, May 4, 1909. Republished Oct. 19. Class 35.

American Manufacturing Company, The, Charleston, W. Va., and New York, by American Manufacturing Company, Brooklyn, N. Y. Rope and line. 73,990, June 8, 1909. Republished Oct. 19. Class 7.

American Manufacturing Company, The, New York, by American Manufacturing Company, Brooklyn, N. Y. Rope, cord, lines, and twine. 75,635, Oct. 26, 1909. Republished Oct. 19. Class 7.

American Manufacturing Company, The, Charleston, W. Va., and New York, assignor to American Manufacturing Company, by American Manufacturing Company, Brooklyn, N. Y. Hemp clothes-lines. 85,402, Feb. 20, 1912. Republished Oct. 19. Class 7.

American Manufacturing Company, Brooklyn, N. Y. Cordage. 89,793–4, Jan. 14, 1913. Republished Oct. 19. Class 7.

American Manufacturing Company, Brooklyn, N. Y. Lath-yarn. 89,973, Jan. 28, 1913. Republished Oct. 19. Class 7.

American Manufacturing Company, Boston, Mass., and New York, N. Y. Clothes-lines. 91,929, June 10, 1913. Republished Oct. 19. Class 7.

American Manufacturing Company, Brooklyn, N. Y. Monthly magazine. 104,522, June 1, 1915. Republished Oct. 19. Class 38.

American Manufacturing Company, Brooklyn, N. Y. Rope, cord, lines, and twine. 105,179, July 13, 1915. Republished Oct. 19. Class 7.

American Manufacturing Company, Brooklyn, N. Y. Rope, cord, lines, and twine. 109,054, Mar. 21, 1916. Republished Oct. 19. Class 7.

American Manufacturing Company, Brooklyn, N. Y. Rope, cord, and twine. 222,647, Jan. 4, 1927. Republished Oct. 19. Class 7.

American Pulley Company, The, Philadelphia, Pa. Package trays for trucks. 277,655, Nov. 25, 1930. Republished Oct. 19. Class 2.

American Pulley Company, The, Philadelphia, Pa. Pulleys and pulley sets. 380,386, Aug. 20, 1940. Republished Oct. 19. Class 23.

American Pulley Company, The, Philadelphia, Pa. Base supports for motors and power transmission drives. 404,357, Nov. 23, 1943. Republished Oct. 19. Class 23.

American Seedless Raisin Company, doing business as Del Rey Packing Company, San Francisco, Fresno, and Del Rey, by American Seedless Raising Company, San Francisco, Calif. Dried raisins. 198,282, May 12, 1925. Republished Oct. 19. Class 46.

American Seedless Raisin Company, San Francisco, Calif. Raisins. 381,517, Sept. 24, 1940. Republished Oct. 19. Class 46.

American Ship Building Company, The, Cleveland, Ohio. Steam and hot water boilers and coal stokers. 441,096, Oct. 19; Serial No. 519,158, published July 20, 1948. Class 34.

American Smelting & Refining Company, San Francisco, Calif., and New York, to American Smelting & Refining Company, New York, N. Y. Nonferrous metals and metal alloys. 244,534–5, renewed July 24, 1948. O. G. Oct. 19. Class 14.

American Stove Company, St. Louis, Mo. Gas, coal, oil, and gasoline stoves. 167,529, May 1, 1923. Republished Oct. 19. Class 34.

American Stove Company, St. Louis, Mo. Gas, coal, oil and gasoline stoves. 179,830, Feb. 19, 1924. Republished Oct. 19. Class 34.

American Stove Company, St. Louis, Mo. Hydrocarbon burners. 194,662, Feb. 3, 1925. Republished Oct. 19. Class 34.

American Stove Company, St. Louis, Mo. Publication issued monthly. 202,858, Sept. 8, 1925. Republished Oct. 19. Class 38.

American Stove Company, St. Louis, Mo. Domestic gas ranges, heavy duty or restaurant gas ranges, gas heated broilers, etc. 368,905, July 4, 1939. Republished Oct. 19. Class 34.

American Stove Company, St. Louis, Mo. Domestic gas ranges. 374,737, Jan. 23, 1940. Republished Oct. 19. Class 34.

American Stove Company, St. Louis, Mo. Coal and wood cooking stoves and ranges, gas, gasoline and oil stoves and ranges, etc. 379,172, July 2, 1940. Republished Oct. 19. Class 34.

American Stove Company, St. Louis, Mo. Gaseous fuel burning domestic cooking ranges. 397,896, Sept. 29, 1942. Republished Oct. 19. Class 34.

American Tent & Awning Co.: *See*—
Truemper, John C.

American Thermal Industries, Inc., Detroit, Mich. Unit heaters. 441,056, Oct. 19; Serial No. 510,925, published July 6, 1948. Class 34.

American Thread Company, The, New York, N. Y. Thread. 503,233, Oct. 19; Serial No. 541,908, published June 8, 1948. Class 43.

American Tissue Mills, Holyoke, Mass. Bread wrapping paper. 218,794, Oct. 5, 1926. Republished Oct. 19. Class 37.

American Trade Journals, Inc., Los Angeles, Calif. Periodical. 503,283–4, Oct. 19; Serial Nos. 548,558–9, published July 6, 1948. Class 38.

Amole Incorporated: *See*—
Mexican Amole Soap Co.

Amsterdam Textiles by Amsterdam Textiles, Inc., Amsterdam, N. Y. Rugs. 389,812, Aug. 19, 1941. Republished Oct. 19. Class 42.

Amsterdam Textiles, Inc.: *See*—
Amsterdam Textiles.

Anchor Liquor Company, by Anchor Liquor Company, also doing business as Sunny State Liquor Company, Albuquerque, N. Mex. Alcoholic cordials and liqueurs, rock and rye, gins, and whiskies. 363,983, Jan. 17, 1939. Republished Oct. 19. Class 49.

Anchor Paper Company, The, Cincinnati, Ohio. Wrapping paper. 441,079, Oct. 19; Serial No. 514,927, published July 6, 1948. Class 37.

Angier Corporation, Framingham, Mass. Sheet material laminated from water-resisting paper and textile fabric. 503,073, Oct. 19; Serial No. 531,287, published June 29, 1948. Class 12.

Ansonia, O & C Company, The, Ansonia, Conn. Textile tape, braid, narrow elastic and narrow webbing. 503,012, Oct. 19; Serial No. 526,515, published June 8, 1948. Class 40.

Archer, A. W., Co. Inc., New York, N. Y. Twine, rope, and cord. 503,213, Oct. 19; Serial No. 540,761, published June 15, 1948. Class 7.

Arden, Elizabeth, Sales Corporation, New York, N. Y. Lipstick, rouge and nail polish. 503,107, Oct. 19; Serial No. 532,991, published July 20, 1948. Class 6.

Aristocrat Leather Products, Inc., New York, N. Y. Wallets, billfolds, purses, etc. 503,266, Oct. 19; Serial No. 545,214, published July 27, 1948. Class 3.

Armour and Company, Chicago, Ill. Soap. 503,206, Oct. 19; Serial No. 540,021, published July 20, 1948. Class 4.

Armour and Company, Chicago, Ill. Fatty acid esteramides. 503,218, Oct. 19; Serial No. 540,964, published July 20, 1948. Class 6.

Armour and Company, Chicago, Ill. Soap. 503,281, Oct. 19; Serial No. 548,466, published July 13, 1948. Class 4.

Ash Grove Lime and Portland Cement Company, Kansas City, Mo. High-calcium, hydrated lime. 190,573, Oct. 14, 1924. Republished Oct. 19. Class 6.

Associated Merchandising Corporation, The: *See*—
Associated Merchandising Corporation.

Associated Merchandising Corporation, to Aassociated Merchandising Corporation, The, New York, N. Y. Dress shields, bias tape, twill tape, etc. 252,394, renewed Feb. 5, 1949. O. G. Oct. 19. Class 40.

Athey & Athey: *See*—
Baby Haven Manufacturing Company, assignee.

Atlantic Refining Company, The, Philadelphia, Pa. Rubber plasticizer. 502,978, Oct. 19; Serial No. 491,958, published July 13, 1948. Class 6.

Atlas Powder Company: *See*—
Brevolite Lacquer Company.
Keratol Company, The.
Zapon Company, The.

Atlas Powder Company, Wilmington, Del. Laundry roll covers. 356,941, May 17, 1938. Republished Oct. 19. Class 24.

Atlas Powder Company, Wilmington, Del. Ready mixed paints and enamels, paint colors, varnishes, etc. 358,179, June 28, 1938. Republished Oct. 19. Class 16.

Atlas Powder Company, Wilmington, Del. Solutions of cellulose derivatives. 359,164, Aug. 9, 1938. Republished Oct. 19. Class 6.

Atlas Powder Company, Wilmington, Del. Derivatives of hexahydric alcohols and inner ethers thereof. 365,915, Mar. 21, 1939. Republished Oct. 19. Class 6.

Atlas Powder Company, Wilmington, Del. Lacquers and stains. 419,185, Feb. 5, 1946. Republished Oct. 19. Class 16.

Atlas Powder Company, Wilmington, Del. Wood filler. 422,794, Aug. 13, 1946. Republished Oct. 19. Class 16.

Austinite Company: *See*—
Pioneer Publishing Co.

Autographic Register Company, Hoboken, N. J. Plain, lithographed, and partially printed paper strips. 503,081, Oct. 19; Serial No. 532,099, published July 20, 1948. Class 37.

Autographic Register Company, Hoboken, N. J. Plain, lithographed, and partially printed paper strips, leaves and sheets. 503,082–3, Oct. 19; Serial Nos. 532,103–4, published July 20, 1948. Class 37.

Automatic Devices, Inc., St. Louis, Mo. Scaffolds. 503,102, Oct. 19; Serial No. 532,676, published July 13, 1948. Class 50.

Automatic Gold Chain Co.: *See*—
Speidel, Edwin F. M.

B. & R. Manufacturing Company, assignor to Flex-O-Lite Manufacturing Corporation, St. Louis, Mo. Reflective glass beads. 441,038, Oct. 19; Serial No. 507,103, published Dec. 30, 1947. Class 50.

Baby Haven Manufacturing Company, Brackenridge, Pa., assignee of Athey & Athey. Combination chair and table sets. 503,011, Oct. 19; Serial No. 523,234, published July 20, 1948. Class 32.

Bailey, O. M., by Otis M. Bailey, Inc., Bristol, R. I. Men's, women's, and children's aprons, and women's evening gowns and ball gowns. 396,569, July 28, 1942. Republished Oct. 19. Class 39.

Bailey, Otis M., Inc.: *See*—
Bailey, O. M.

Baker, Harry D., doing business as Four Daisies, Lewistown, Mont. Preparation for the treatment of hair and scalp disorders. 503,261, Oct. 19; Serial No. 544,691, published July 20, 1948. Class 6.

Baldwin Pharmacal Company, Newark, N. J. Sulpha compounds. 503,070, Oct. 19; Serial No. 531,188, published July 13, 1948. Class 6.

Ball, F. M., & Company, Oakland, Calif. Canned fruits for salad, canned vegetables. 339,088, Sept. 22, 1936. Republished Oct. 19. Class 46.

Ball, F. M., & Company, Oakland, Calif. Canned fruits and canned fruit compote. 378,809, June 18, 1940. Republished Oct. 19. Class 46.

Ball, F. M., & Company, Oakland, Calif. Canned fruits. 383,742, Dec. 24, 1940. Republished Oct. 19. Class 46.

Ball, F. M., & Company, Oakland, Calif. Canned fruits, canned vegetables, canned fruit cocktail, etc. 406,875, May 2, 1944. Republished Oct. 19. Class 46.

Ball, F. M., & Company, Oakland, Calif. Canned vegetables. 416,941, Oct. 9, 1945. Republished Oct. 19. Class 46.

Barfield Farms, Perrine, Fla. Fresh tomatoes. 503,159, Oct. 19; Serial No. 536,220, published July 6, 1948. Class 46.

Barrow Manufacturing Company, to W. H. Jennings, Winder, Ga. Overalls, work pants, and work shirts. 246,421, renewed Sept. 4, 1948. O. G. Oct. 19. Class 39.

Basic Refractories, Inc., Cleveland, Ohio. Refractory magnesian clinker, ramming and patching materials. 441,015, Oct. 19; Serial No. 483,603, published June 29, 1948. Class 12.

Bass, G. H., & Co.: *See*—
Abbott, Donald B.

Bass, G. H., & Co., Wilton, Maine. Boots, shoes, slippers and moccasins. 80,635, Jan. 17, 1911. Republished Oct. 19. Class 39.

Bechik Products: *See*—
Bechik Products Inc.

Bechik Products Inc., doing business as Bechik Products, St. Paul, Minn. Mattresses, cushions, and boxsprings, etc. 503,019, Oct. 19; Serial No. 527,016, published July 20, 1948. Class 32.

Bemis & Call Company, Springfield, Mass. Strongboxes. 503,235, Oct. 19; Serial No. 541,996, published June 8, 1948. Class 25.

Bergonzo, Charles, Moutier, Switzerland. Mechanical pencils. 441,057, Oct. 19; Serial No. 511,134, published July 27, 1948. Class 37.

Berkeley, Charles, doing business as Superior Leather Goods Co., Boston, Mass. Personal leather goods. 441,049, Oct. 19; Serial No. 510,476, published June 22, 1948. Class 3.

Besar Products Company: *See*—
Brown, Daniel W.

Bibb Manufacturing Company, Macon, Ga. Twines and cords. 502,980, Oct. 19; Serial No. 499,816, published June 15, 1948. Class 7.

Bibb Manufacturing Company, Macon, Ga. Yarns. 502,981, Oct. 19; Serial No. 499,818, published June 15, 1948. Class 43.

Billboard Publishing Co., The, Cincinnati, Ohio, and New York, N. Y. Magazine or periodical. 503,285, Oct. 19; Serial No. 548,909, published July 6, 1948. Class 38.

Billings & Spencer Company, The: *See*—
Windsor Automatic Company, Inc.

Billings & Spencer Company, The, Hartford, Conn. Tools and for machinery. 270,927, May 20, 1930. Republished Oct. 19. Class 23.

Billings & Spencer Company, The, Hartford, Conn. Wrenches. 354,818, Feb. 22, 1938. Republished Oct. 19. Class 23.

Billings & Spencer Company, The, Hartford, Conn. Pliers and hammers. 361,283, Oct. 11, 1938. Republished Oct. 19. Class 23.

Billings & Spencer Company, The, Hartford, Conn. Chains and hoist hooks. 402,398, July 20, 1943. Republished Oct. 19. Class 13.

Bischoff, Ernst, Company, Incorporated, Ivoryton, Conn. Vitamin preparations, vaccines, therapeutic agents, etc. 503,111, Oct. 19; Serial No. 533,264, published July 13, 1948. Class 6.

Bischoff, Ernst, Company, Incorporated, Ivoryton, Conn. Vitamin preparations, vaccines, therapeutic agents, etc. 503,112, Oct. 19; Serial No. 533,265, published July 20, 1948. Class 6.

Blakeslee, G. S., & Co., Chicago, Ill. Electrically powered machines. 503,040, Oct. 19; Serial No. 529,133, published June 29, 1948. Class 21.

Blickman, S., Inc., Weehawken, N. J. Monthly publication. 441,093, Oct. 19; Serial No. 518,586, published July 6, 1948. Class 38.

Blodgett, G. S., Co., Inc., The, Burlington, Vt. Baking and roasting ovens. 391,399, Nov. 4, 1941. Republished Oct. 19. Class 34.

Blue Moon Foods, Inc., Thorp, Wis. Cheese. 503,148, Oct. 19; Serial No. 535,467, published July 6, 1948. Class 46.

Blue Point Tool Company, Chicago, Ill., to Snap-On Tools Corporation, Kenosha, Wis. Wrenches. 237,970, renewed Jan. 24, 1948. O. G. Oct. 19. Class 23.

Blumenthal, B., & Co. Inc., New York, N. Y. Buttons and buckles. 503,079, Oct. 19; Serial No. 531,885, published June 1, 1948. Class 40.

Bond Foundry and Machine Company, Manheim, Pa. Truck casters. 235,034, Nov. 8, 1927. Republished Oct. 19. Class 19.

Bon Marche, The: *See*—
Allied Stores Corporation.

Boston Knitting Mills, Inc., Newton, Mass. All types of pajamas. 389,745, Aug. 19, 1941. Republished Oct. 19. Class 39.

Bowman Gum, Inc., Philadelphia, Pa. Chewing gum. 503,168, Oct. 19; Serial No. 536,754, published July 20, 1948. Class 46.

Boyle-Midway Inc.: *See*—
Midway Chemical Company.

Boyle-Midway Inc., Jersey City, N. J. Cements. 503,204, Oct. 19; Serial No. 539,934, published July 20, 1948. Class 5.

Bresnick, Carl S., to Pearlduck, Inc., New York, N. Y. All manner and kinds of razors, shears, scissors, etc. 250,452, renewed Dec. 11, 1948. O. G. Oct. 19. Class 23.

Breuer Electric Mfg. Company, Chicago, Ill. Portable electric blowers. 503,297, Oct. 19; Serial No. 502,422. Class 21.

Brevolite Lacquer Company, North Chicago, Ill., by Atlas Powder Company, Wilmington, Del. Aluminum powder. 321,263, Jan. 22, 1935. Republished Oct. 19. Class 16.

Brevolite Lacquer Company, North Chicago, Ill., by Atlas Powder Company, Wilmington, Del. Lacquers for coating wood, glass, etc. 321,264, Jan. 22, 1935. Republished Oct. 19. Class 16.

Brevolite Lacquer Company, North Chicago, Ill., assignor to Atlas Powder Company, by the Atlas Powder Company, Wilmington, Del. Lacquers, lacquer enamels, varnishes, etc. 341,867–8, Dec. 29, 1936. Republished Oct. 19. Class 16.

Brooks, E. J., Company, Newark, N. J. Cording seals. 503,173, Oct. 19; Serial No. 537,137, published July 13, 1948. Class 25.

Brooks Oil Company, The, Cleveland, Ohio. Lubricating oils and greases. 441,023, Oct. 19; Serial No. 494,256, published July 13, 1948. Class 15.

Brown, Daniel W., doing business as Besar Products Company, Los Angeles, Calif. Face powders, hair oil, hair tonic, etc. 503,236, Oct. 19; Serial No. 542,074, published July 20, 1948. Class 6.

Brown Oil & Chemical Corp., New York and Staten Island, N. Y. Drying oil. 503,187, Oct. 19; Serial No. 538,492, published July 20, 1948. Class 6.

Browne, Stewart R., Mfg. Co., Inc., New York, N. Y. Flash lights, electric-vapor and/or explosive-proof extension lights, etc. 503,154, Oct. 19; Serial No. 535,929, published July 13, 1948. Class 21.

Browne, Stewart R., Mfg. Co., Inc., New York, N. Y. Flashlight cases, extension lights, plugs, etc. 503,155, Oct. 19; Serial No. 535,931, published June 29, 1948. Class 21.

Bruner-Ritter, Inc., New York, N. Y. Bracelets, wrist watch bracelets, not including watches. 503,228, Oct. 19; Serial No. 541,641, published July 20, 1948. Class 28.

Bryan Davis Publishing Co., Inc.: *See*—
Radio Engineering Magazine, Inc.

Buckeye Steel Castings Company, The, Columbus, Ohio. Railway-truck bolsters, truck side frames, and spring planks. 249,355, renewed Nov. 13, 1948. O. G. Oct. 19. Class 19.

Buettner, T., & Co., Inc., Chicago, Ill. Threads, yarns, and cottons for embroidering and crocheting. 199,158, June 2, 1925. Republished Oct. 19. Class 43.

Buettner, T., & Co., Inc., Chicago, Ill. Mercerized cotton embroidery threads. 391,656, Nov. 18, 1941. Republished Oct. 19. Class 43.

Bulova Watch Company, Inc., New York, N. Y. Wrist or strap watches. 241,715, renewed May 8, 1948. O. G. Oct. 19. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 441,117, Oct. 19; Serial No. 523,753, published July 6, 1948. Class 27.

Burdick Cabinet Company, by The Burdick Corporation, Milton, Wis. Therapeutic lamps. 213,078, May 18, 1926. Republished Oct. 19. Class 44.

Burdick Corporation, The: *See*—
Burdick Cabinet Company.

Burgess Battery Company, Chicago and Freeport, Ill. Portable electric engraving and cutting implement. 502,982, Oct. 19; Serial No. 501,044, published July 20, 1948. Class 21.

Burgess, C. F., Laboratories, Inc., Madison, Wis., and Chicago, Ill., to Johns-Manville Products Corporation, New York, N. Y. Sound-deadening tiles of sheet metal. 247,114, renewed Sept. 18, 1948. O. G. Oct. 19. Class 12.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Preparation of astringent solutions. 503,041, Oct. 19; Serial No. 529,137, published July 20, 1948. Class 6.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Oral preparation useful as an analgesic and antipyretic, etc. 503,042, Oct. 19; Serial No. 529,142, published July 20, 1948. Class 6.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Medicinal preparation. 503,174, Oct. 19; Serial No. 537,289, published July 20, 1948. Class 6.

Buscarlet Glove Company, Inc., New York, N. Y. Preparation for washing and cleaning the hair and for general household and laundry washing and cleaning purposes. 503,321, Oct. 19; Serial No. 532,801, Class 4.

Buxton, Incorporated, Springfield, Mass. Key cases, purses, billfolds, pocketbooks, and pocket cases. Oct 19; Serial No. 503,325. Class 3.

Cage, Darcy L., Los Angeles, Calif. Metallic warm air circulating fireplaces. 441,044, Oct. 19; Serial No. 508,976, published July 20, 1948. Class 34.

Calcium Carbonate Company: *See*—
Western Lime Stone Products Company.

Calcutt & Steiner, Chicago, Ill. Non-electric hair curlers. 503,015, Oct. 19; Serial No. 526,591, published June 29, 1948. Class 40.

Calicchio, John L., Jersey City, N. J. Salve type preparation. 441,114, Oct. 19; Serial No. 523,239, published July 20, 1948. Class 6.

California Fruit Exchange, Sacramento, Calif. Fresh pears. 503,108, Oct. 19; Serial No. 533,001, published July 20, 1948. Class 46.

California Sea Food Company: *See*—
Rex, M. A.

California Sea Food Corp.: *See*—
Rex, M. A.

Carey Salt Company, The, Hutchinson, Kans. Meat salt. 503,137, Oct. 19; Serial No. 535,131, published July 20, 1948. Class 6.

Carnot, Henrietta: *See*—
Munsch-Protzmann Co.

Carran, Grace B., doing business as Central Petroleum Company, by Central Petroleum Company, Cleveland, Ohio. Barn paint, factory paint, house paint, etc. 283,713, June 2, 1931. Republished Oct. 19. Class 16.

Carter & Churchill Company: *See*—
Carter & Churchill Co.

Carter & Churchill Co., by Carter & Churchill Company, Lebanon, N. H. Coats, mackinaws, dress, negligee, and work shirts and overalls. 111,561, July 25, 1916. Republished Oct. 19. Class 39.

Carter Dry Goods Co., Louisville, Ky. Textile blankets. 251,324, renewed Jan. 1, 1949. O. G. Oct. 19. Class 42.

Casco Products Corporation, Bridgeport, Conn. Electric clocks. 441,017, Oct. 19; Serial No. 489,941, published July 6, 1948. Class 27.

Cavalier Corporation, Chattanooga, Tenn. Consoles. 388,916–17, July 15, 1941. Republished Oct. 19. Class 32.

Cavalier Corporation, Chattanooga, Tenn. Combination desk and chest. 432,104, Aug. 19, 1947. Republished Oct. 19. Class 32.

Cello-Masters, Incorporated, New York, N. Y. Cellophane and cellulose acetate wrapping and packaging material. 441,125, Oct. 19; Serial No. 524,234, published July 27, 1948. Class 37.

Central Ohio Supply Co., The, Columbus, Ohio. Chocolate flavored confection. 441,090, Oct. 19; Serial No. 517,970, published June 8, 1948. Class 46.

Central Petroleum Company: *See*—
Carran, Grace B.

Central Wisconsin Canneries, Beaver Dam, Wis., by Minnesota Valley Canning Company, Le Sueur, Minn. Canned peas. 266,460, Jan. 21, 1930. Republished Oct. 19. Class 46.

Champion Pneumatic Machinery Company, Chicago, Ill. Air compressors and air water stands. 178,235, Jan. 8, 1924. Republished Oct. 19. Class 23.

Champion Pneumatic Machinery Company, Chicago, Ill. Air compressor tanks. 216,393, Aug. 10, 1926. Republished Oct. 19. Class 2.

Champion Pneumatic Machinery Company, Chicago, Ill. Automatic beer pumps. 329,422, Oct. 29, 1935. Republished Oct. 19. Class 23.

Charles & Co., by Charles & Co., Inc., New York, N. Y. Canned and glass packages of vegetables; vegetable juices, fruits, etc. 353,119, Dec. 28, 1937. Republished Oct. 19. Class 46.

Charles & Co., Inc.: *See*—
Charles & Co.

Charles & Company, Inc., New York, N. Y. Smoking tobacco. 402,480, July 27, 1943. Republished Oct. 19. Class 17.

Charles of The Ritz, Inc., New York, N. Y. Perfumes, colognes, and dusting powder. 441,018, Oct. 19; Serial No. 490,744, published Mar. 5, 1946. Class 6.

Charmore Company, The, Paterson, N. J., and New York, N. Y. Fountain pens. 441,063, Oct. 19; Serial No. 512,379, published July 6, 1948. Class 37.

Charter Oak Stove and Range Company: *See*—
St. Louis Union Trust Company.

Charter Oak Stove and Range Company, St. Louis, Mo. Electric stoves and ranges. 232,778, renewed Sept. 13, 1947. O. G. Oct. 19. Class 21.

Chebra, Inc., New York, N. Y. Lip sticks. 503,009, Oct. 19; Serial No. 522,421, published July 20, 1948. Class 6.

Cherokee Coal Company, Louisville, Ky. Coal. 389,219, July 29, 1941. Republished Oct. 19. Class 1.

Cherokee Coal Company, Louisville, Ky. Coal. 391,594, Nov. 18, 1941. Republished Oct. 19. Class 1.

Chesebrough Manufacturing Company Consolidated, New York, N. Y. Plain petroleum jelly, perfumed petroleum jellies, and medicated petroleum jellies, etc. 503,219, Oct. 19; Serial No. 540,981, published July 20, 1948. Class 6.

Chesterfield Yarn Co., New York, N. Y. Hand knitting yarns. 503,099, Oct. 19; Serial No. 532,561, published June 22, 1948. Class 43.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Dressing and preservative for leather, rubber, canvas, etc. 135,412, Oct. 12, 1920. Republished Oct. 19. Class 4.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Leather belting. 140,772, Mar. 29, 1921. Republished Oct. 19. Class 35.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Leather Belting. 141,891–4, May 3, 1921. Republished Oct. 19. Class 35.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Leather belting. 171,537, Aug. 7, 1923. Republished Oct. 19. Class 35.

Chicago Belting Company, by Chicago Belting Company, Chicago, Ill. Dressing for leather or canvas belts. 178,564, Jan. 15, 1924. Republished Oct. 19. Class 4.

Chicago Sanitary Products Co., also doing business as Kleenwell Products Co., Chicago, Ill. Soap flakes; cream metal polish, powdered cleanser. 503,071, Oct. 19; Serial No. 531,196, published July 13, 1948. Class 4.

Christopher Brothers, Detroit, Mich. Motor fuel. 441,022, Oct. 19; Serial No. 494,028, published July 13, 1948. Class 15.

Chrysler Corporation, Highland Park, Mich. Refrigerating apparatus and parts thereof. 503,315, Oct. 19; Serial No. 522,593. Class 31.

Chrysler Corporation, Highland Park, Mich. Refrigerating apparatus and parts thereof. 503,316, Oct. 19; Serial No. 522,597. Class 31.

Chula Vista Citrus Association, The: *See*—
Chula Vista Citrus Association.

Chula Vista Citrus Association, to Chula Vista Citrus Association, The, Chula Vista, Calif. Fresh citrus fruit. 251,868, renewed Jan. 15, 1949. O. G. Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 404,154, Nov. 2, 1943. Republished Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 404,309, Nov. 16, 1943. Republished Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 407,993, July 11, 1944. Republished Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 408,016, July 11, 1944. Republished Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 414,673, June 19, 1945. Republished Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 415,238, July 31, 1945. Republished Oct. 19. Class 46.

Cinderella Foods, by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga. Peanut butter. 420,147, Mar. 26, 1946. Republished Oct. 19. Class 46.

Cinderella Foods, Division of Stevens Industries, Inc.: *See*—
Cinderella Foods.

Clapp, Edwin, & Son, Incorporated, East Weymouth, Mass. Boots and shoes. 250,732, renewed Dec. 18, 1948. O. G. Oct. 19. Class 39.

Clara-Val Packing Company: *See*—
Gabrielson, Alfred.

Clopay Corporation, Cincinnati, Ohio. Venetian blinds and structural parts thereof. 503,138, Oct. 19; Serial No. 535,133, published June 29, 1948. Class 32.

Close-Up, Inc., New York, N. Y., and St. Louis, Mo. Magazine issued quarterly. 441,035, Oct. 19; Serial No. 506,095, published June 15, 1948. Class 38.

Club Aluminum Products Company, Chicago, Ill. Silverplated flatware. 503,141, Oct. 19; Serial No. 535,385, published July 6, 1948. Class 28.

Club Aluminum Products Company, Chicago, Ill. Silverplated flatware and hollow-ware. 503,142, Oct. 19; Serial No. 535,389, published June 29, 1948. Class 28.

Coast Fishing Company, Wilmington, Calif. Canned fish. 250,772, renewed Dec. 18, 1948. O. G. Oct. 19. Class 46.

Codo Manufacturing Corporation, Coraopolis, Pa. Carbon papers. 307,647, Oct. 31, 1933. Republished Oct. 19. Class 11.

Codo Manufacturing Corporation, Coraopolis, Pa. Typewriter ribbons and carbon papers. 307,749, Oct. 31, 1933. Republished Oct. 19. Class 11.

Codo Manufacturing Corporation, Coraopolis, Pa. Typewriter ribbons. 307,917, Nov. 14, 1933. Republished Oct. 19. Class 11.

Codo Manufacturing Corporation, Coraopolis, Pa. Typewriter ribbons and carbon papers. 309,151, Jan. 2, 1934. Republished Oct. 19. Class 11.

Cohen, Goldman & Co., Inc., New York, N. Y., by Desmond's, Inc., Los Angeles, Calif. Men's and boys' trousers and pants. 362,873, Dec. 6, 1938. Republished Oct. 19. Class 39.

Cohn-Hall-Marx Co., New York, N. Y. Flat woven piece goods. 330,978, Dec. 24, 1935. Republished Oct. 19. Class 42.

Columbian Art Works, Inc.: *See*—
Lawrence, B. E., & Co., Inc.

Columbian Rope Company, Auburn, N. Y. Rope. 164,404, Feb. 20, 1923. Republished Oct. 19. Class 7.

Columbian Rope Company, Auburn, N. Y. Rope. 170,136, July 10, 1923. Republished Oct. 19. Class 7.

Commercial Solvents Corporation, New York, N. Y. Ointment. 503,133, Oct. 19; Serial No. 534,752, published May 4, 1948. Class 6.

Conde Nast Publications, Inc., The, New York, N. Y. Monthly magazine. 503,282, Oct. 19; Serial No. 548,482, published July 6, 1948. Class 38.

Consolidated Industries, Inc., Lafayette, Ind. Oil burning furnaces. 503,006, Oct. 19; Serial No. 521,959, published July 20, 1948. Class 34.

Continental-Diamond Fibre Company: *See*—
Continental Fibre Company, The.
Diamond State Fibre Company.

Continental Fibre Company, The, by the Continental-Diamond Fibre Company, Newark, Del. Electrical insulating material. 117,249, June 26, 1917. Republished Oct. 19. Class 21.

Copy Papers, Inc., assignor to Copy Papers Sales & Service Agency, Inc., Chicago, Ill. Unit used in accounting and billing. 439,258, June 8, 1948. Amended. O. G. Oct. 19. Class 37.

Copy Papers Sales & Service Agency, Inc.: *See*—
Copy Papers, Inc.

Corduroy Rubber Company: *See*—
Corduroy Tire Company.

Corduroy Tire Company, to Corduroy Rubber Company, Grand Rapids, Mich. Automobile tires. 247,266, renewed Sept. 25, 1928. O. G. Oct. 19. Class 35.

Corn Products Refining Company: *See*—
National Starch Co.

Corn Products Refining Company, New York, N. Y. Corn starch. 102,064, Jan. 26, 1915. Republished Oct. 19. Class 46.

Corn Products Refining Company, New York, N. Y. Laundry starch. 278,931, Jan. 6, 1931. Republished Oct. 19. Class 6.

Corn Products Refining Company, New York, N. Y. Laundry starch. 280,717, Feb. 24, 1931. Republished Oct. 19. Class 6.

Corn Products Refining Company, New York, N. Y. Pure crystalized dextrose. 314,254, June 26, 1934. Republished Oct. 19. Class 6.

Corn Products Refining Company, New York, N. Y. Pure refined table sugar derived from corn. 316,441, Aug. 28, 1934. Republished Oct. 19. Class 46.

Corn Products Refining Company, New York, N. Y. Brewers' corn syrup. 344,393, Mar. 23, 1937. Republished Oct. 19. Class 46.

Corn Products Refining Company, New York, N. Y. Corn syrup. 379,758, July 23, 1940. Republished Oct. 19. Class 46.

Corn Products Refining Company, New York, N. Y. Cereal core binders. 389,293, July 29, 1941. Republished Oct. 19. Class 5.

Corn Products Refining Company, New York, N. Y. Highly converted corn syrup. 393,831, Mar. 3, 1942. Republished Oct. 19. Class 46.

Corn Products Refining Company, New York, N. Y. Corn sugar or dextrose, and syrups. 411,255, Jan. 9, 1945. Republished Oct. 19. Class 45.

Corn Products Refining Company, New York, N. Y. Pure crystallized dextrose. 415,126, July 10, 1945. Republished Oct. 19. Class 46.

Corn Products Refining Company, New York, N. Y. Highly refined monosaccharide. 418,198, Dec. 11, 1945. Republished Oct. 19. Class 1.

Coro, Inc., New York, N. Y. Necklaces, bracelets, finger rings, etc. 441,073, Oct. 19; Serial No. 514,103, published July 6, 1948. Class 28.

Coty, Inc., New York, N. Y. Filled compacts. 503,185, Oct. 19; Serial No. 538,103, published June 22, 1948. Class 6.

Countess Mara Cosmetics, Inc.: *See*—
Countess Mara Incorporated.

Countess Mara Incorporated, assignor to Countess Mara Cosmetics, Inc., New York, N. Y. Eau de cologne. 503,087, Oct. 19; Serial No. 532,313, published July 20, 1948. Class 6.

Cozzens, Issachar, New York, N. Y., by Rambo & Regar, Incorporated, Morristown, Pa. Hosiery. 79,106, Aug. 9, 1910. Republished Oct. 19. Class 39.

Crane Co., Chicago, Ill. Gas conversion burners, gas boilers, gas fired water heaters, etc. 441,101, Oct. 19; Serial No. 521,244, published July 6, 1948. Class 34.

Creed & Steward, Ltd., Aurora, Ill. Replacement pockets. 503,024, Oct. 19; Serial No 527,544, published June 29, 1948. Class 40.

Crown Cork & Seal Company, Inc., Baltimore, Md. Bottle closures. 503,243, Oct. 19; Serial No. 542,999, published July 20, 1948. Class 50.

Crown Stove Works, Chicago, Ill. Electric stoves and ranges. 503,167, Oct. 19; Serial No. 536,674, published June 29, 1948. Class 21.

Cutter Laboratories, Berkeley, Calif. Therapeutic and immunizing agents. 441,045, Oct. 19; Serial No. 509,638, published Dec. 9, 1947. Class 6.

Dant & Russell, Inc., Portland, Oreg. Artificial brick siding. 503,201, Oct. 19; Serial No. 539,670, published June 29, 1948. Class 12.

Decker, Alfred, & Cohn, Inc., to Society Brand Clothes, Inc., Chicago, Ill. Coats, vests, trousers, and overcoats for men, young men, and boys. 246,246, renewed Sept. 4, 1948. O. G. Oct. 19. Class 39.

Defiance Sales Corporation, New York, N. Y. Desk calendars and desk calendar pads. 503,057, Oct. 19; Serial No. 530,296, published June 29, 1948. Class 37.

Delman, Inc., New York, N. Y. Handbags, billfolds, shoe and hat bags, etc. 502,986–7, Oct. 19; Serial Nos. 503,433–4, published June 22, 1948. Class 3.

Del Rey Packing Company: *See*—
American Seedless Raisin Company.

Delta Manufacturing Company, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Woodworking machines. 275,269, Sept. 16, 1930. Republished Oct. 19. Class 23.

Delta Manufacturing Company, doing business as Delta Specialty Company, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Saw gages. 302,013, Mar. 21, 1933. Republished Oct. 19. Class 26.

Delta Manufacturing Company, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Periodical publications. 324,722, May 28, 1935. Republished Oct. 19. Class 38.

Delta Manufacturing Company, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Circular saws and saw tables. 369,416, July 25, 1939. Republished Oct. 19. Class 23.

Delta Manufacturing Company, The, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Work holding attachments for grinding machines. 403,815, Oct. 19, 1943. Republished Oct. 19. Class 23.

Delta Manufacturing Company, The, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Sanding kits. 419,657, Feb. 26, 1946. Republished Oct. 19. Class 4.

Delta Specialty Company: *See*—
Delta Manufacturing Company.

Delta Tau Delta Fraternity, Indianapolis, Ind. News and literary publication published quarterly. 188,826, Sept. 2, 1924. Republished Oct. 19. Class 38.

De-Oxo-Lin Chemical Products: *See*—
Stuart, Jay W.

De Pree Company, The, Holland, Mich. Vitamin preparations in tablet, capsule, wafer, and liquid forms, and dried yeast. 503,195, Oct. 19; Serial No. 539,034, published July 13, 1948. Class 6.

De Riaz, Neuilly-sur-Seine, France. Perfumes. 441,062, Oct. 19; Serial No. 512,245, published July 20, 1948. Class 6.

Desmond Clothing Company, by Desmond's, Inc., Los Angeles, Calif. Men's wearing apparel. 209,165, Feb. 16, 1926. Republished Oct. 19. Class 39.

Desmond's, by Desmond's, Inc., Los Angeles, Calif. Soft felt hats for men and boys. 264,897, Dec. 10, 1929. Republished Oct. 19. Class 39.

Desmond's, by Desmond's, Inc., Los Angeles, Calif. Trunks, suit cases, wardrobe bags, etc. 380,671, Aug. 27, 1940. Republished Oct. 19. Class 3.

Desmond's, by Desmond's, Inc., Los Angeles, Calif. Men's and boys' suits, jackets, overcoats, etc. 386,268, Apr. 1, 1941. Republished Oct. 19. Class 39.

Desmond's, Inc.: *See*—
Cohen, Goldman & Co., Inc.
Desmond Clothing Company.
Desmond's.
Fashion Park Associates, Inc.

Desmond's, Inc., Los Angeles, Calif. Men's and boys' suits overcoats, topcoats, etc. 425,011, Oct. 29, 1946. Republished Oct. 19. Class 39.

Destruxol Corporation, Ltd., Pasadena, Calif. Chemical composition in powdered form for killing snails and cutworms. 503,084, Oct. 19; Serial No. 532,125, published July 20, 1948. Class 6.

Dewey Portland Cement Company, Kansas City, Mo. Portland cement. 290,413, Jan. 5, 1932. Republished Oct. 19. Class 12.

Dewey Portland Cement Company, Kansas City, Mo. Masonry cement. 292,161, Mar. 1, 1932. Republished Oct. 19. Class 12.

De Witt, E. C., & Co.: *See*—
Pinedale Medicine Co.

De Witt, E. C., & Co., to E. C. De Witt & Co., Inc., Chicago, Ill. Salves. 45,039, Aug. 1, 1905. New certificate. O. G. Oct. 19. Class 6.

De Witt, E. C., & Co., to E. C. De Witt & Co., Inc., Chicago, Ill. Remedies for the bowels and liver. 45,281, Aug. 8, 1905. New certificate. O. G. Oct. 19. Class 6.

De Witt, E. C., & Co., to E. C. De Witt & Co., Inc., Chicago, Ill. Remedies for curing dyspepsia. 45,473, Aug. 22, 1905. New certificate. O. G. Oct. 19. Class 6.

De Witt, E. C., & Company, to E. C. De Witt & Co., Inc., Chicago, Ill. Remedies for the relief of kidney, bladder, and liver troubles. 68,905, May 5, 1908. New certificate. O. G. Oct. 19. Class 6.

De Witt, E. C., & Co., Inc.: *See*—
De Witt, E. C., & Co.
De Witt, E. C., & Company.

Dey Brothers & Company: *See*—
Allied Stores Corporation.

Diamond State Fibre Company, Bridgeport, Conn., by Continental-Diamond Fibre Company, Newark, Del. Wrapping and tracing paper. 120,563, Feb. 19, 1918. Republished Oct. 19. Class 37.

Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Conn., by Continental-Diamond Fibre Company, Newark, Del. Electrical insulating material. 141,532, Apr. 26, 1921. Republished Oct. 19. Class 21.

Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa., by Continental-Diamond Fibre Company, Newark, Del. Combined vulcanized fiber and phenolic condensation products. 185,279, June 10, 1924. Republished Oct. 19. Class 1.

Dickson, R. H., & Company, Inc., Indianapolis, Ind. Moisture absorbing receptacle containing a chemical compound. 503,049, Oct. 19; Serial No. 529,443, published July 13, 1948. Class 6.

Didex Corporation: *See*—
Johnson, J. Stanley.

Dillard & Keene Company, by Jos. Eichelberger & Co., Eustis, Fla. Fresh citrous fruits. 181,000, Mar. 11, 1924. Republished Oct. 19. Class 46.

Diversey Corporation, The: *See*—
Phenol Chemical Company, The.

Dobbratz, Louis, Co., Milwaukee, Wis. Wholesale groceries. 232,581, renewed Sept. 13, 1947. O. G. Oct. 19. Class 46.

D'Orsay Sales Company, New York, N. Y. Perfumes and toilet waters. 441,040, Oct. 19; Serial No. 507,521, published July 13, 1948. Class 6.

Dougherty Fruit Growers, Inc.: *See*—
Simons & French Company Incorporated.

Dow Corning Corporation, Midland, Mich. Silicone treated polishing tissues. 441,107, Oct. 19; Serial No. 522,011, published July 20, 1948. Class 4.

Doyle Laboratories, Inc., Santa Monica, Calif. Sunburn preventive lotion. 503,196, Oct. 19; Serial No. 539,138, published July 6, 1948. Class 6.

Dresner, S., & Son, Inc., Chicago, Ill. Ladies' and misses' fitted (overnight) cases. 502,997, Oct. 19; Serial No. 514,942, published July 27, 1948. Class 3.

Drew, E. F., & Co., Inc., New York, N. Y. Hydrogenation catalysts. 423,762, Sept. 10, 1946. Republished Oct. 19. Class 6.

Drew, E. F., & Co., Inc., New York, N. Y. Germicide. 503,050, Oct. 19; Serial No. 529,444, published July 6, 1948. Class 6.

Dry Goods Alliance Inc., New York, N. Y. Snap fasteners, hooks and eyes, and safety pins. 503,130, Oct. 19; Serial No. 534,422, published June 29, 1948. Class 40.

Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Radiator stop leak, cooling system cleaner, rubber solvent, and hydraulic brake fluid. 441,071, Oct. 19; Serial No. 513,612, published July 20, 1948. Class 6.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Sodium cyanide. 503,214, Oct. 19; Serial No. 540,797, published July 6, 1948. Class 6.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Colloidal solution comprising an oxide of silicon in water. 503,253, Oct. 19; Serial No. 543,577, published July 20, 1948. Class 6.

Dutton-Lainson Company: *See*—
Jaden, Fred L.

Easterling Company, The, Chicago, Ill. Sterling silver flatware and hollow ware. 503,209, Oct. 19; Serial No. 540,265, published June 22, 1948. Class 28.

Edison Illuminating Company, The: *See*—
Noble & Harris.

Eichelberger, Jos., & Co.: *See*—
Dillard & Keene Company.

Eichelberger, Jos., & Company, Eustis, Fla. Fresh citrus fruits. 309,760, Jan. 30, 1934. Republished Oct. 19. Class 46.

Eichelberger, Jos., & Company, Eustis, Fla. Fresh citrus fruits. 309,765, Jan. 30, 1934. Republished Oct. 19. Class 46.

Eichelberger, Jos., & Co., Eustis, Fla. Fresh citrus fruits. 329,269, Oct. 22, 1935. Republished Oct. 19. Class 46.

Eisendrath, B. D., Tanning Co., Chicago, Ill. Leather. 503,171, Oct. 19; Serial No. 537,024, published July 13, 1948. Class 1.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Gloves, mittens, and gauntlets. 67,514, Feb. 4, 1908. Republished Oct. 19. Class 39.

Electro-Master Company, Detroit, assignor to Electromaster, Inc., by Electromaster, Inc., Mount Clemens, Mich. Thermostats. 278,092, Dec. 2, 1930. Republished Oct. 19. Class 26.

Electromaster, Inc.: *See*—
Electro-Master Company.
Noble & Harris.

Elkins, Harry, Chicago, Ill. Watches and clocks. 441,016, Oct. 19; Serial No. 489,455, published July 20, 1948. Class 27.

Ellson Kit Wear, Inc., Los Angeles, Calif. Yarns. 441,084, Oct. 19; Serial No. 516,606, published June 8, 1948. Class 43.

Elmo Sales Corporation, Philadelphia, Pa. Make-up powder, face creams, face lotions, etc. 503,224, Oct. 19; Serial No. 541,271, published July 6, 1948. Class 6.

Embalmers' Supply Co., The, Westport, Conn. Embalming fluid. 503,320, Oct. 19; Serial No. 532,570. Class 6.

Endicott-Johnson Corporation, Endicott, N. Y. Shoes. 441,116, Oct. 19; Serial No. 523,524, published July 6, 1948. Class 39.

Eno, J. C., Inc., Bloomfield, N. J. Medicinal saline preparation. 441,033, Oct. 19; Serial No. 505,688, published July 20, 1948. Class 6.

Ensign-Bickford Company, The, Simsbury, Conn. Fuse for igniting gunpowder and other explosives. 74,342, July 6, 1909. Republished Oct. 19. Class 9.

Eston Chemicals, Inc., Los Angeles, Calif. Insecticides. 503,180, Oct. 19; Serial No. 537,673, published July 6, 1948. Class 6.

Eutectic Welding Alloys Corporation: *See*—
Eutectic Welding Alloys, Inc.
Wasserman, Rene D.

Eutectic Welding Alloys, Inc., by Eutectic Welding Alloys Corporation, New York, N. Y. Metallic welding rods and metallic alloys. 386,989, Apr. 29, 1941. Republished Oct. 19. Class 14.

Evergreen Food Prooucts: *See*—
Pompeo, Archie.

F & F Laboratories, Inc.: *See*—
Organ-Iron Laboratories.

Fabritecture Studio: *See*—
Turner, Oscar A.

Falk, Clarence, doing business as Tel-A-Key Company, assignor to Tel-A-Key Trading Corporation, Washington, D. C. Key ring. 441,028, Oct. 19; Serial No. 501,965, published July 6, 1948. Class 28.

Fansteel Metallurgical Corporation, North Chicago, Ill. Wire particularly adapted for the manufacture of thermionic grid elements. 441,060, Oct. 19; Serial No. 511,868, published July 6, 1948. Class 21.

Farber, Louis H., Chicago, Ill. Filing devices. 503,296, Oct. 19; Serial No. 502,205. Class 32.

Farbwerke, Vormals Meister, Lucius & Brüning, Hoechst-on-the-Main, Germany, to Winthrop-Stearns Inc., New York, N. Y. Local anesthetic. 32,210, re-renewed Dec. 6, 1948. O. G. Oct. 19. Class 6.

Farkas, Sam, doing business as Farkas Shoulder Pads, Dunkirk, N. Y. Shoulder pads for use in women's clothing. 503,324, Oct. 19; Serial No. 539,683. Class 40.

Farkas Shoulder Pads: *See*—
Farkas, Sam.

Farley, C. J., & Company, Grand Rapids, Mich. Bias tape, seam binding, shoe laces, etc. 503,008, Oct. 19; Serial No. 522,306, published July 20, 1948. Class 40.

Farr Bros. Co., Allentown, Bethlehem, Reading and Easton, to Farr Bros. Co., Allentown, Pa. Shoes, for men, women, boys, youths, little men, misses, children, and growing girls. 247,187, renewed Sept. 25, 1948. O. G. Oct. 19. Class 39.

Fashion Park Associates, Inc., Rochester, N. Y., by Desmond's, Inc., Los Angeles, Calif. Men's coats, vests, pants, and overcoats. 273,333, July 29, 1930. Republished Oct. 19. Class 39.

Fashion Park Associates, Inc., Rochester, N. Y., by Desmond's, Inc., Los Angeles, Calif. Men's sweaters; hats, caps, etc. 282,216, Apr. 14, 1931. Republished Oct. 19. Class 39.

Fellows Medical Manufacturing Company, Inc., New York, N. Y. Tablets for the treatment of the liver. 503,268, Oct. 19; Serial No. 545,732, published July 6, 1948. Class 6.

Feis & Company, Philadelphia, Pa. Soap. 503,332, Oct. 19; Serial No. 549,723. Class 4.

Fenton Kelsey Co., Madison, Wis. Periodical publication. 503,095, Oct. 19; Serial No. 532,464, published June 29, 1948. Class 38.

Fisher Brothers Company, The, Cleveland, Ohio. Root beer, ginger ale, orange soda, etc. 237,725, renewed Jan. 17, 1948. O. G. Oct. 19. Class 45.

Fiske Brothers Refining Co., Newark, N. J. Lubricating oils and greases. 503,043, Oct. 19; Serial No. 529,255, published July 6, 1948. Class 15.

Fiske Brothers Refining Co., Newark, N. J. Lubricating oils and greases. 503,044, Oct. 19; Serial No. 529,256, published July 13, 1948. Class 15.

Fleet Oil Company, La Follette, Tenn. Anti-freeze compound. 503,200, Oct. 19; Serial No. 539,509, published July 6, 1948. Class 6.

Fleisher Yarns, Inc., New York, N. Y. Art needlework yarns made of wool. 503,010, Oct. 19; Serial No. 522,977, published July 20, 1948. Class 43.

Flex-O-Lite Manufacturing Corporation: *See*—
B. & R. Manufacturing Company.

Floridagold Citrus Corporation: *See*—
Fruit Products Company of Florida.

Food Machinery Corporation: *See*—
Niagara Sprayer Company.

Four Daisies: *See*—
Baker, Harry D.

Fownes Brothers and Company, London, England, to Fownes Brothers & Co., Incorporated, New York, N. Y. Glove and dress fasteners and buttons. 70,324, re-renewed Aug. 25, 1948. O. G. Oct. 19. Class 40.

Fownes Brothers & Co., Incorporated: *See*—
Fownes Brothers and Company.

Fraering Brokerage Co., Inc., New Orleans, La. Canned fruits and vegetables. 382,065, Oct. 15, 1940. Republished Oct. 19. Class 46.

Fran-Stef Mfg. Co., New York, N. Y. Hand bags, traveling bags, suit cases, etc. 441,086, Oct. 19; Serial No. 516,764, published June 8, 1948. Class 3.

Freece-Larsen, Inc., Norristown, Pa. Flags of all types. 425,401, Nov. 19, 1946. Republished Oct. 19. Class 50.

Freeman, Henry E., New York, N. Y. Medicated skin lotion. 503,270, Oct. 19; Serial No. 545,978, published July 6, 1948. Class 6.

French-Stamats Company, by Stamats Publishing Company, Cedar Rapids, Iowa. Monthly magazines. 358,854, July 26, 1938. Republished Oct. 19. Class 38.

Fruit Products Company of Florida, Eagle Lake, to Floridagold Citrus Corporation, Lake Alfred, Fla. Grape fruit juice and orange juice. 251,744, renewed Jan. 15, 1949. O. G. Oct. 19. Class 46.

Fulton Specialty Co., Elizabeth, N. J. Stamp pads and rubber stamp ink. 503,113, Oct. 19; Serial No. 533,293, published July 20, 1948. Class 11.

Future Products, Inc., Chicago, Ill. Key cases. 503,264, Oct. 19; Serial No. 545,125, published July 6, 1948. Class 3.

G. M. C. Food Co., New York, N. Y. Canned fruits, canned vegetables, canned fruit juices, etc. 441,072, Oct. 19; Serial No. 514,024, published Apr. 6, 1948. Class 46.

Gabrielson, Alfred, San Francisco, to Clara-Val Packing Company, Morgan Hill., Calif. Canned fruits, dried fruits, canned vegetables. 225,984, renewed Mar. 29, 1947. O. G. Oct. 19. Class 46.

Galactina & Biomalz A. G., Belp, Switzerland. Nutritive tonic containing malt. 441,050, Oct. 19; Serial No. 510,503, published July 13, 1948. Class 6.

Garlock Packing Company, The: *See*—
Garlock Packing Co.

Garlock Packing Co., by The Garlock Packing Company, Palmyra, N. Y. Packing. 23,420, July 25, 1893. Republished Oct. 19. Class 35.

Gartner & Bender, Inc., Chicago, Ill. Greeting cards. 380,045, Aug. 6, 1940. Republished Oct. 19. Class 38.

Gartner & Bender, Inc., Chicago, Ill. Greeting cards. 381,288, Sept. 17, 1940. Republished Oct. 19. Class 38.

Gartner & Bender, Inc., Chicago, Ill. Greeting cards. 428,867, Apr. 8, 1947. Republished Oct. 19. Class 38.

Gasnil Co., The: *See*—
Molinari, David A.

Gaybrand Bags, Inc., New York, N. Y. Ladies' and misses' handbags. 503,220, Oct. 19; Serial No. 541,127, published June 15, 1948. Class 3.

General Chemical Company, New York, N. Y., now by merger Allied Chemical & Dye Corporation. Reagent chemicals. 503,198, Oct. 19; Serial No. 539,304, published July 20, 1948. Class 6.

General Electric Company, Schenectady, N. Y. Electric lamp bulbs. 503,035, Oct. 19; Serial No. 528,857, published July 13, 1948. Class 21.

General Features Corporation, New York, N. Y. Comic strip. 503,210, Oct. 19; Serial No. 540,272, published June 15, 1948. Class 38.

General Fireproofing Company, The, Youngstown, Ohio. Store, hospital, laboratory, office, etc., Furniture. 503,051, Oct. 19; Serial No. 529,456, published July 13, 1948. Class 32.

General Latex and Chemical Corporation: *See*—
MacPherson, Warren.

General Ozone Corporation, Chicago, Ill. Electrical ozone generating machines. 503,301, Oct. 19; Serial No. 506,030. Class 21.

General Sports, Inc., by Wilson Sporting Goods Co., Chicago, Ill. Golf clubs and golf balls. 332,549–50, Feb. 18, 1936. Republished Oct. 19. Class 22.

General Water Heater Corporation, Los Angeles, Calif. Gas-heated hot-water storage systems and appliances. 503,086, Oct. 19; Serial No. 532,216, published Apr. 20, 1948. Class 34.

Giant Snapshots, Inc., Green Bay, Wis. Photo prints developed from negatives. 503,128, Oct. 19; Serial No. 534,270, published July 13, 1948. Class 38.

Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. 251,774, renewed Jan. 15, 1949. O. G. Oct. 19. Class 46.

Gilbert, William L., Clock Corporation, The, Winsted, Conn. Time-keeping instruments. 503,156, Oct. 19; Serial No. 535,950, published June 22, 1948. Class 27.

Giovannini, Ferruccio, Chicago, Ill. Bakery products. 267,634, Feb. 25, 1930. Republished Oct. 19. Class 46.

Givaudan Delawanna, Inc., New York, N. Y. Hydrogenated lanolin. 503,244, Oct. 19; Serial No. 543,039, published July 20, 1948. Class 6.

Glass, Leo & Company, Inc., New York, N. Y. Women's costume jewelry. 441,077, Oct. 19; Serial No. 514,652 published Sept. 9, 1947. Class 28.

Glessner Company, The, Findlay, Ohio. Cough and croup remedy. 503,192, Oct. 19; Serial No. 538,751, published July 6, 1948. Class 6.

Godchaux Sugars Inc., Reserve, to Godchaux Sugars Inc., New Orleans, La. Cane-sugar sirups. 231,097, renewed Aug. 9, 1947. O. G. Oct. 19. Class 46.

Goodall-Sanford, Inc.: *See*—
Lesher, Whitman & Co., Inc.

Goodier Company: *See*—
Goodier, Elwood J.

Goodier, Elwood J., doing business as Goodier Company, Dallas, Tex. Hair tonic. 502,983, Oct. 19; Serial No. 502,133, published June 29, 1948. Class 6.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Display stands. 503,027, Oct. 19; Serial No. 528,458, published July 13, 1948. Class 32.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Anti-freeze solution, radiator flush, radiator stop leak, etc. 503,031, Oct. 19; Serial No. 528,623, published July 6, 1948. Class 6.

Gorton, George, Machine Co., by George Gorton Machine Co., Racine, Wis. Milling machines. 355,274, Mar. 8, 1938. Republished Oct. 19. Class 23.

Governor Fastener Co., The, New York, N. Y. Device for connecting the back straps of brassieres. 503,074, Oct. 19; Serial No. 531,326, published June 15, 1948. Class 40.

Gradiaz, Annis & Co., Inc., Tampa, Fla. Cigars. 503,237 Oct. 19; Serial No. 542,122, published July 27, 1948 Class 17.

Grapevine Coal Company, Madisonville, Ky. Coal. 396,832, Aug. 4, 1942. Republished Oct. 19. Class 1.

Gray & Dudley Company, Nashville, Tenn. Cooking and heating stoves and furnaces. 503,125, Oct. 19; Serial No. 534,111, published July 13, 1948. Class 34.

Great American Tea Company, The, New York, N. Y. Wax paper. 503,028, Oct. 19; Serial No. 528,465, published Feb. 3, 1938. Class 37.

Great American Tea Company, The, New York, N. Y. Disinfectant and pine oil disinfectant. 503,269, Oct. 19; Serial No. 545,845, published July 6, 1948. Class 6.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Coffee. 503,022, Oct. 19; Serial No. 527,465, published June 8, 1948. Class 46.

Green Bay Soap Company: *See*—
Meyer, E. A.

Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. 321,825, Feb. 19, 1935. Republished Oct. 19. Class 49.

Greenbros, Inc., Cincinnati, Ohio. Brandy, cognac, gin, etc. 334,794, May 12, 1936. Republished Oct. 19. Class 49.

Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. 337,293, Aug. 4, 1936. Republished Oct. 19. Class 49.

Greenbros, Inc., Cincinnati, Ohio. Alcoholic beverages. 352,206, Nov. 23, 1937. Republished Oct. 19. Class 49.

Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. 361,661, Oct. 25, 1938. Republished Oct. 19. Class 49.

Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. 370,862, Sept. 12, 1939. Republished Oct. 19. Class 49.

Greenbros, Inc., Cincinnati, Ohio. Whiskey, gin, rum, etc. 388,634, July 1, 1941. Republished Oct. 19. Class 49.

Griffith Tool & Manufacturing Co., Paterson, N. J. Electric motors. 503,188. Oct. 19; Serial No. 538,532, published July 6, 1948. Class 21.

Guardian Metals Company, Hamilton, Ohio. Metal plates for vaults and safes. 222,104, renewed Dec. 21, 1946. O. G. Oct. 19. Class 14.

Guardian Metals Company, The, Hamilton, Ohio. Metal plates for vaults and safes. 222,105–6, Dec. 21, 1926. Corrected. O. G. Oct. 19. Class 14.

Guardite Corporation, The, Chicago, Ill. Gaseous fumigating material. 301,971, Mar. 21, 1933. Republished Oct. 19. Class 6.

Gubelin, E., Inc., assignor to Gubelin International Corporation, New York, N. Y. Jewelry for personal wear. 441,066, Oct. 19; Serial No. 512,666, published July 6, 1948. Class 28.

Gubelin International Corporation: *See*—
Gubelin, E., Inc.

Gus' Butter Maid Bake Shop: *See*—
Kesselring, August.

H. & D. Folsom Arms Co. Inc., The, New York, N. Y. Fish hooks. 251,577, renewed Jan. 8, 1949. O. G. Oct. 19. Class 22.

Haire Publishing Company, New York, N. Y. Section in a trade publication. 503,309, Oct. 19; Serial No. 513,244. Class 38.

Hall Brothers, Incorporated, Kansas City, Mo. Display fixtures for greeting cards. 503,313, Oct. 19; Serial No. 518,758. Class 32.

Harf, Inc., Hilltown, Pa. Hair tonic, hair shampoo, hair lacquer, etc. 503,259, Oct. 19; Serial No. 543,920, published July 20, 1948. Class 6.

Harrower Laboratory, Inc., The: *See*—
American Biochemical Company, Inc.
Spicer and Company.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal solution. 218,284, Sept. 21, 1926. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Preparation containing a principle with a specific influence on sexual maturity, etc. 272,196, July 1, 1930. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Preparation comprising an extract of endocrine tissue. 273,945, Aug. 19, 1930. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Solution of an active principle of the pancreas having influence upon the circulation. 290,743, Jan. 12, 1932. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Endocrine preparation. 294,161, May 17, 1932. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Bile salts compound. 322,172, Feb. 26, 1935. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Pluriglandular preparations. 355,896, Apr. 5, 1938. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Potent extract of the adrenal cortex tissue. 356,407, Apr. 26, 1938. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Substance including a water-soluble liver fraction and nucleinic acid. 356,408, Apr. 26, 1938. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Preparation for use as a stimulant in gastroenterological practice. 389,448, Aug. 5, 1941. Republished Oct. 19. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Combination of orally active adrenal cortex and thyroid extracts. 403,360, Sept. 21, 1943. Republished Oct. 19. Class 6.

Hart Schaffner & Marx, Chicago, Ill. Periodical. 503,265, Oct. 19; Serial No. 545,171, published July 20, 1948. Class 38.

Har-Tal Car Clothes Hanger, Burbank, Calif. Detachable automobile clothes hanger. 503,067, Oct. 19; Serial No. 531,031, published July 6, 1948. Class 50.

Hartmann Company, Racine, Wis. Suitcases, hand luggage cases, and wardrobe suitcases. 503,203, Oct. 19; Serial No. 539,876, published June 15, 1948. Class 3.

Hartmann Company, Racine, Wis. Suitcases, hand luggage cases equipped with garment carrying fixtures, and wardrobe cases. 503,256, Oct. 19; Serial No. 543,712, published July 6, 1948. Class 3.

Haspel Brothers, Inc., New Orleans, La. Men's and boys' summer suits. 298,256, Oct. 18, 1932. Republished Oct. 19. Class 39.

Haspel Brothers, Inc., New Orleans, La. Men's and boys' suits, coats, pants, etc. 349,083, Aug. 17, 1937. Republished Oct. 19. Class 39.

Haspel Brothers, Inc., New Orleans, La. Men's and boys' suits, coats, pants, etc. 355,520, Mar. 22, 1938. Republished Oct. 19. Class 39.

Hatch Full Fashioned Hosiery Co., Belmont, N. C. Hosiery. 402,013, June 22, 1943. Republished Oct. 19. Class 39.

Hawkinson, Paul E., Company, Minneapolis, Minn. Tire treads. 503,068, Oct. 19; Serial No. 531,035, published July 20, 1948. Class 35.

Hayman, Michael & Co., Inc., Buffalo, N. Y. Cement for jointing water mains. 286,542, Sept. 1, 1931. Republished Oct. 19. Class 12.

Health Research Laboratories: *See*—
Respondek, John E.

Heckelman, Jacob C., doing business as The Olympic Glove Company, by J. C. Heckelman, New York, N. Y. Gloves and mittens, aprons. 274,823, Sept. 9, 1930. Republished Oct. 19. Class 39.

Heirloom Needlework Guild, Inc., New York, N. Y. Kits for making beaded bags. 441,061, Oct. 19; Serial No. 512,063, published June 15, 1948. Class 40.

Heirloom Needlework Guild, Inc., New York, N. Y. Plastic and rayon cordé. 503,300, Oct. 19; Serial No. 504,671. Class 43.

Hess Company, The: *See*—
Hess Warming & Ventilating Company.

Hess Warming & Ventilating Company, by The Hess Company, Chicago, Ill. Coal, coke, oil and gas burners and furnaces. 385,000, Feb. 11, 1941. Republished Oct. 19. Class 34.

Hewes & Potter, Inc., Boston, Mass. Men's four-in-hand neckties and other neckties for men. 279,087, Jan. 6, 1931. Republished Oct. 19. Class 39.

Heyden Chemical Corporation, New York, N. Y. Colloidal metal preparations. 503,001, Oct. 19; Serial No. 517,576, published July 6, 1948. Class 6.

Highlights For Children, Inc., Columbus, Ohio. Magazine. 441,032, Oct. 19; Serial No. 505,583, published July 6, 1948. Class 38.

High Seas Tuna Packing Company, Inc., Point Loma, San Diego, Calif. Canned fish. 441,064, Oct. 19; Serial No. 512,503, published Nov. 11, 1947. Class 46.

Hilliard Corporation, The, Elmira, N. Y. Gas heated, electrically operated food fryer. 502,979, Oct. 19; Serial No. 496,078, published June 22, 1948. Class 34.

Hoberg Paper and Fibre Company, to Hoberg Paper Mills, Inc., Green Bay, Wis. Toilet paper, paper napkins, and paper towels. 248,549, renewed Oct. 23, 1948. O. G. Oct. 19. Class 37.

Hoberg Paper Mills, Inc.: *See*—
Hoberg Paper and Fibre Company.

Hodenfield, O. T.: *See*—
Stuart, Jay W.

Hohberger, John T., doing business as Hohberger Manufacturing Co., (not Inc.), Chicago, Ill. Candy. 245,761, renewed Aug. 21, 1948. O. G. Oct. 19. Class 46.

Hohberger Manufacturing Co. (Not Inc.): *See*—
Hohberger, John T.

Holden, A. F., Company, The, West Haven, Conn. Materials for heating and heat treating metals. 503,139, Oct. 19; Serial No. 535,154, published July 20, 1948. Class 6.

Holland Furnace Company, to Holland Furnace Company, Holland, Mich. Coal, coke, wood, fuel-oil and gas furnaces. 247,608, renewed Oct. 2, 1948. O. G. Oct. 19. Class 34.

Holland Furnace Company, Holland, Mich. Heating furnaces of the domestic or residental type, coal, gas and oil fired, etc. 503,036, Oct. 19; Serial No. 529,056, published July 6, 1948. Class 34.

Holmes, Stickney, Inc.: *See*—
Holmes, Stickney & Walker, Inc.

Holmes, Stickney & Walker, Inc., now by change of name Holmes, Stickney, Inc., Portland, Maine. Women's and misses' shoes. 441,029, Oct. 19; Serial No. 502,639, published June 1, 1948. Class 39.

Holmstrom-Pilcher Co., by Northern Illinois Cereal Company, Lockport, Ill. Rolled oats and macaroni. 299,485, Dec. 6, 1932. Republished Oct. 19. Class 46.

Hood Chemical Co., Inc.: *See*—
Washing Fluid Chemical Co.

Hoofs and Horns Publishing Co., Inc., Tucson, Ariz. Magazine. 503,250, Oct. 19; Serial No. 543,452, published June 22, 1948. Class 38.

Horowitz, Isadore, Bossier City, La. Playground equipment. 433,247, Sept. 30, 1947. Republished Oct. 19. Class 22.

Houbigant, Inc., New York, N. Y. Perfume extract, face powder, eau de toilette, etc. 503,152, Oct. 19; Serial No. 535,845, published July 6, 1948. Class 6.

Houbigant, Inc., New York, N. Y. Perfume and toilet water, face powder, talcum powder, etc. 503,194, Oct. 19; Serial No. 538,931, published July 6, 1948. Class 6.

Houghton, E. F., & Co., Philadelphia, Pa. Compounds for processing pure silk. 232,309, Sept. 6, 1927. Republished Oct. 19. Class 6.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Men's and ladies' hosiery. 369,238, July 18, 1939. Republished Oct. 19. Class 39.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Hosiery. 371,539, Sept. 26, 1939. Republished Oct. 19. Class 39.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Hosiery. 380,973, Sept. 10, 1940. Republished Oct. 19. Class 39.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Hosiery. 391,832, Nov. 25, 1941. Republished Oct. 19. Class 39.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Ladies' hosiery. 395,488, May 26, 1942. Republished Oct. 19. Class 39.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Ladies' full fashion hosiery. 395,748, June 9, 1942. Republished Oct. 19. Class 39.

Huffman Full Fashioned Mills, Inc., Morganton, N. C. Ladies' hosiery. 419,169, Feb. 5, 1946. Republished Oct. 19. Class 39.

Hull, Martha N., Minneapolis, Minn. Radio scripts. 503,121, Oct. 19; Serial No. 533,744, published June 22, 1948. Class 38.

Hynd, A. C., Corp., Tipp City, Ohio. Medicinal lotion for the skin. 503,052, Oct. 19; Serial No. 529,651, published July 20, 1948. Class 6.

Idaho Fruit & Produce Company, Parma and Apple Valley, Idaho, by Sterling E. Johnson, doing business as S. E. Johnson Company, Parma and Apple Valley, Idaho. Fresh lettuce, fresh apples, and peas, etc. 353,616, Jan. 11, 1938. Republished Oct. 19. Class 46.

Illinois Water Treatment Co., Rockford, Ill. Tank type apparatus. 441,089, Oct. 19; Serial No. 517,911, published July 20, 1948. Class 31.

Illinois Water Treatment Co., Rockford, Ill. Tank type apparatus. 441,091, Oct. 19; Serial No. 518,001, published July 20, 1948. Class 31.

India Tyre & Rubber Company, Limited, Inchinnan, Scotland. Pneumatic tires for vehicle wheels, small, portable, pocket size repair outfits for tires, pieces of sheet rubber, etc. 441,068, Oct. 19; Serial No. 513,249, published July 20, 1948. Class 35.

Indiana Chemical and Manufacturing Company, Indianapolis, Ind. Lithographic ink reducer. 140,404, Mar. 15, 1921. Republished Oct. 19. Class 11.

Indiana Chemical and Manufacturing Company, Indianapolis, Ind. Preparations for anti-offset ink, ink softener and ink dryer. 503,045, Oct. 19; Serial No. 529,263, published July 20, 1948. Class 11.

Industrial Lining Engineers, Inc., Edgeworth, Sewickley, Pa. Chemical plastic coating compounds. 441,105, Oct. 19; Serial No. 521,890, published July 13, 1948. Class 6.

Industrial Raw Materials Corp., New York, N. Y. Petroleum wax. 503,092–4, Oct. 19; Serial Nos. 532,455–7, published June 29, 1948. Class 15.

Inland Products Co.: *See*—
Meier, Arthur G.

Interchemical Corporation, New York, N. Y. Table and wall oilcloth. 441,067, Oct. 19; Serial No. 512,972, published July 20, 1948. Class 20.

Interchemical Corporation, New York, N. Y. Coated fabric type wall covering. 503,021, Oct. 19; Serial No. 527,463, published June 1, 1948. Class 20.

International Handkerchief Mfg. Co., The: *See*—
International Manufacturing Co., The.

International Manufacturing Co., The, to International Handkerchief Mfg. Co., The, New York, N. Y. Handkerchiefs. 70,884, re-renewed Oct. 13, 1948. O. G. Oct. 19.

International Products Corporation, New York, N. Y., by Republic Food Products Co., Chicago, Ill. Canned corned beef. 268,144, Mar. 11, 1930. Republished Oct. 19. Class 46.

International Products Corporation, New York, N. Y., by Republic Food Products, Chicago, Ill. Cooked meats. 271,357, June 3, 1930. Republished Oct. 19. Class 46.

International Products Corporation, New York, N. Y., by Republic Food Products Co., Chicago, Ill. Food products in tin and glass receptacles. 317,357, Sept. 25, 1934. Republished Oct. 19. Class 46.

International Rustproof Corporation, Cleveland, Ohio. Chemical compounds in liquid form. 503,207, Oct. 19; Serial No. 540,073, published July 20, 1948. Class 6.

International Silver Company, The, Meriden, Conn. Silver-plated hollow-ware. 503,060–1, Oct. 19; Serial No. 530,824, published July 6, 1948. Class 28.

International Silver Company, The, Meriden, Conn. Sterling silver flat-ware and hollow-ware. 503,134, Oct. 19; Serial No. 534,786, published June 29, 1948. Class 28.

International Takamine Ferment Company, New York, N. Y., to Parke, Davis & Company, Detroit, Mich. Koji, moyashi, diastase, ferments, etc. 249,298, renewed Nov. 13, 1948. O. G. Oct. 19. Class 6.

Irwin-Willert Company, East St. Louis, Ill. Volatile mothproofing chemical in cakelike form. 503,263, Oct. 19; Serial No. 544,868, published July 20, 1948. Class 6.

Ives, H. B., Company, The, New Haven, Conn. Door bolts, window bolts, door latches, etc. 503,056, Oct. 19; Serial No. 530,005, published June 8, 1948. Class 25.

Jaden, F., Manufacturing Co.: *See*—
Jaden, Fred I.

Jaden, Fred I., doing business as F. Jaden Manufacturing Co., to Dutton-Lainson Company, Hastings, Nebr. Oil cans. 246,697, renewed Sept. 11, 1948. O. G. Oct. 19. Class 2.

James Towne Colony Pottery, Williamsburg, Va. Brick used in the construction of buildings and tile. 441,069, Oct. 19; Serial No. 513,426, published June 29, 1948. Class 12.

Jan-Wil, Inc., Barrington, Ill. Vitamin tablets. 503,271, Oct. 19; Serial No. 546,395, published July 6, 1948. Class 6.

Jellum, Inc., Joliet, Ill. Food mixture and for making gravy. 418,513, Jan. 1, 1946. Republished Oct. 19. Class 46.

Jennings, William H.: *See*—
Barrow Manufacturing Company.

Johns-Manville Products Corporation: *See*—
Burgess, C. F., Laboratories, Inc.

Johnson Biscuit Company, Sioux City, Iowa. Chocolates. 97,057, May 19, 1914.

Johnson, J. Stanley, Hagerstown, Md., assignor to Didex Corporation, New York, N. Y. Cream for treatment, or relief, of diaper rash. 503,215, Oct. 19; Serial No. 540,820, published July 20, 1948. Class 6.

Johnson, S. C.: *See*—
Idaho Fruit & Produce Company.

Johnson, S. C., & Son, Inc., Racine, Wis. Aqueous and nonaqueous wax emulsions, etc. 503,072, Oct. 19; Serial No. 531,214, published July 20, 1948. Class 6.

Johnson, Sterling E.: *See*—
Idaho Fruit & Produce Company.

Johnston, Robert A., Company, Milwaukee, Wis. Soda crackers and cookies. 74,050, June 15, 1909. Republished Oct. 19. Class 46.

Johnston, Robert A., Company, Milwaukee, Wis. Tea biscuits. 74,051, June 15, 1909. Republished Oct. 19. Class 46.

Johnston, Robert A., Company, Milwaukee, Wis. Biscuit. 102,282, Feb. 2, 1915. Republished Oct. 19. Class 46.

Jolly Kids Garment Mfg. Company, Belding, Mich., by Jolly Kids Togs, Chicago, Ill. Infants' and children's play suits, pajamas, suits, etc. 348,889, Aug. 17, 1937. Republished Oct. 19. Class 39.

Jolly Kids Togs: *See*—
Jolly Kids Garment Mfg. Company.

Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Ammonium sulphate. 503,029, Oct. 19; Serial No. 528,488, published July 6, 1948. Class 6.

Jule-Thads Creations, San Francisco, Calif. Jewelry. 503,002, Oct. 19; Serial No. 519,587, published July 6, 1948. Class 28.

Katz, S. and N., Inc., Baltimore, Md. Finger rings. 503,161, Oct. 19; Serial No. 536,296, published July 20, 1948. Class 28.

Keenan Auto Parts Company, Albany, Ga. Storage batteries. 503,175, Oct. 19; Serial No. 537,322, published June 29, 1948. Class 21.

Keep America American, Inc., Wellesley, Mass. Series of booklets or leaflets. 441,115, Oct. 19; Serial No. 523,317, published July 6, 1948. Class 38.

Keratol Company, The, Newark, N. J., by Atlas Powder Company, Wilmington, Del. Muslin used for outdoor advertising. 318,313, Oct. 23, 1934. Republished Oct. 19. Class 42.

Kerr Glass Manufacturing Corporation, Sand Springs, Okla. Jar caps and lids. 503,109, Oct. 19; Serial No. 533,171, published July 13, 1948. Class 50.

Kerr Glass Manufacturing Corporation, Sand Springs, Okla. Glass jars. 503,110, Oct. 19; Serial No. 533,174, published July 13, 1948. Class 33.

Kesselring, August, doing business as Gus' Butter-Maid Bake Shop, to Gus' Butter Maid Bake Shop, Denver, Colo. Cakes and pastry. 245,944, renewed Aug. 28, 1948. O. G. Oct. 19. Class 46.

Kewanee Boiler Corporation, Kewanee, Ill. Water or steam heaters. 503,104, Oct. 19; Serial No. 532,936, published July 20, 1948. Class 34.

Kewanee Boiler Corporation, Kewanee, Ill. Water or steam boilers. 503,114, Oct. 19; Serial No. 533,314, published July 13, 1948. Class 34.

Kewanee Boiler Corporation, Kewanee, Ill. Boilers, garbage burners, heaters, and hot water tanks. 503,115, Oct. 19; Serial No. 533,321, published July 13, 1948. Class 34.

Kickernick, Inc.: *See*—
Winget Kickernick Company.

Kimberly-Clark Corporation, Neenah, Wis. Industrial absorbent tissues. 503,077, Oct. 19; Serial No. 531,806, published July 20, 1948. Class 37.

Kimberly Corporation, Los Angeles, Calif. Fountain pens. 502,998, Oct. 19; Serial No. 516,617, published July 13, 1948. Class 37.

King, Robert C., & Co., New York, N. Y. Men's, ladies', children's, and infants' underwear and hosiery. 130,326, Apr. 20, 1920. Republished Oct. 19. Class 39.

King, Robert C., & Co., New York, N. Y. Men's, ladies', children's, and infants' underwear. 130,327, Apr. 20, 1920. Republished Oct. 19. Class 39.

King, Robert C., & Co., New York, N. Y. Infants' vests, pants, and bands, children's and juveniles' vests, pants, suits, etc. 414,924, July 3, 1945. Republished Oct. 19. Class 39.

Kingsbury Breweries Company, Manitowoc, Wis. Beer. 308,986–7, Dec. 26, 1933. Republished Oct. 19. Class 48.

Kleenwell Products Co.: *See*—
Chicago Sanitary Products Co.

Knit Products Corporation, Belmont, N. C. Ladies', men's, and children's hosiery. 286,495, Sept. 1, 1931. Republished Oct. 19. Class 39.

Knit Products Corporation, Belmont, N. C. Hosiery. 291,067, Jan. 26, 1932. Republished Oct. 19. Class 39.

Knit Products Corporation, Belmont, N. C. Hosiery. 297,753, Sept. 27, 1932. Republished Oct. 19. Class 39.

Koch Laboratories: *See*—
Koch, William F.

Koch, William F., doing business as Koch Laboratories, Detroit, Mich. Preparation used in the treatment of cancer, tuberculosis, diabetes, etc. 503,272–3, Oct. 19; Serial Nos. 547,001–2, published July 6, 1948. Class 6.

Koch, William F., doing business as Koch Laboratories, Detroit, Mich. Preparation for allergy-neoplasia infections. 503,274, Oct. 19; Serial No. 547,003, published July 6, 1948. Class 6.

Koch, William F., doing business as Koch Laboratories, Detroit, Mich. Preparation used in the treatment of cancer, tuberculosis, diabetes, etc. 503,275, Oct. 19; Serial No. 547,004, published July 6, 1948. Class 6.

Kohout, George A., doing business as Shear-Klean Grate Engineers, Chicago, Ill., and Evansville, Ind. Grates and components thereof. 503,000, Oct. 19; Serial No. 517,140, published June 15, 1948. Class 34.

Koos, N. S., & Son Company, Kenosha, Wis. Fertilizers. 503,078, Oct. 19; Serial No. 531,684, published July 13, 1948. Class 19.

Korn, Wm., Inc., New York, N. Y. Lithographic rubbing ink, lithographic liquid tusche, etc. 345,523, Apr. 27, 1937. Republished Oct. 19. Class 11.

Korn, Wm., Inc., New York, N. Y. Lithographic rubbing ink, lithographic liquid tusche, lithographic transfer ink, etc. 346,004, May 11, 1937. Republished Oct. 19. Class 11.

Korn, Wm., Inc., New York, N. Y. Lithograph crayons, lithographic crayon paper pencils, metal marking crayons, etc. 346,187, May 18, 1937. Republished Oct. 19. Class 37.

Kotkins, Henry L., doing business as Skyway Luggage Company, Seattle, Wash. Trunks, dress suitcases, handbags, etc. 503,005, Oct. 19; Serial No. 521,813, published July 20, 1948. Class 3.

Kounts, Stanley J., Grand Forks, N. Dak. Printed charts of statistical tables. 441,087, Oct. 19; Serial No. 517,489, published July 13, 1948. Class 38.

Krauth & Benninghofen, Hamilton, Ohio. Music stand. 235,841, renewed Nov. 29, 1947. O. G. Oct. 19. Class 36.

Kreisler, Jacques, Manufacturing Corporation, North Bergen, N. J. Jewelry for personal wear. 441,053, Oct. 19; Serial No. 510,693, published June 22, 1948. Class 28.

Kreisler, Jacques, Manufacturing Corporation, North Bergen, N. J. Metallic watch bands. 441,054, Oct. 19; Serial No. 510,696, published July 6, 1948. Class 28.

Kruse, G., & Company, Newark, N. J. Leather handbags for physicians. 503,116, Oct. 19; Serial No. 533,322, published June 29, 1948. Class 3.

Kurfees, J. F., Paint Company, Louisville, Ky. Prepared or ready-mixed liquid paint enamels and undercoats for paint enamels. 503,149, Oct. 19; Serial No. 535,555, published July 6, 1948. Class 16.

Lanman & Kemp-Barclay & Co., Incorporated, New York, N. Y. Toilet water. 503,202, Oct. 19; Serial No. 539,719, published July 20, 1948. Class 6.

Larcliff: *See*—
Larson, Clifford M.

La Rosa, V., & Sons, Inc., Brooklyn, N. Y. Alimentary pastes. 293,297, Apr. 19, 1932. Republished Oct. 19. Class 46.

La Rosa, V., & Sons, Inc., Brooklyn, N. Y. Alimentary paste products. 313,418, May 29, 1934. Republished Oct. 19. Class 46.

La Rosa, V., & Sons, Inc., Brooklyn, N. Y. Butter, macaroni products, noodles, and pastina. 389,868, Aug. 26, 1941. Republished Oct. 19. Class 46.

Larson, Clifford M., doing business as Larcliff, New Rochelle, N. Y. Knitting needles. 503,306, Oct. 19; Serial No. 509,945. Class 40.

Larus & Brother Company, Inc., Richmond, Va. Tobacco and tobacco products. 441,083, Oct. 19; Serial No. 516,552, published July 27, 1948. Class 17.

Laurel Hosiery Company: *See*—
Weinerth Knitting & Machine Company, Inc.

Lawrence, B. E., & Co., Inc., Chicago, Ill., by Columbian Art Works, Inc., Milwaukee, Wis. Calendar pads. 241,505, May 1, 1928. Republished Oct. 19. Class 37.

Lazier, J. F., Manufacturing Company, Incorporated, St. Louis, Mo. Flavoring extracts and concentrated syrups. 244,252, renewed July 17, 1948. O. G. Oct. 19. Class 45.

Lazier, J. F., Manufacturing Company, Incorporated, St. Louis, Mo. Flavoring extracts and concentrated syrups. 244,324, renewed July 17, 1948. O. G. Oct. 19. Class 45.

Lazier, J. F., Manufacturing Company, Incorporated, St. Louis, Mo. Flavoring extracts and concentrated syrups. 245,850–51, renewed Aug. 21, 1948. O. G. Oct. 19. Class 45.

Lee, George, & Sons Limited, Westgate, Wakefield, England. Yarns. 503,238, Oct. 19; Serial No. 542,143, published June 22, 1948. Class 43.

Lee, William W., & Co., Inc., Watervliet, N. Y. Preparations for colds and respiratory ills of poultry and birds. 503,251, Oct. 19; Serial No. 543,476, published July 6, 1948. Class 6.

Le Roi Company, West Allis, Wis. Internal combustion engines, air or gas compressors and parts thereof. 392,952, Jan. 20, 1942. Republished Oct. 19. Class 23.

Les Laboratoires Duret & Remy, Asnieres, to Societe Industrielle De Therapeutique Scientifique Appliquee S. I. T. S. A., Societe Anonyme, Paris, France. Preparation for use in the treatment of diseases and disorders of the stomach, etc. 241,345, renewed Apr. 24, 1948. O. G. Oct. 19. Class 6.

Les Parfums de Dana, Inc., New York, N. Y. Perfume, toilet waters, lipsticks, etc. 503,205, Oct. 19; Serial No. 539,965, published July 6, 1948. Class 6.

Les Parfums Norante, Societe a Responsabilite Limitee, Melun, France. Perfumes, toilet waters, rouge, etc. 503,030, Oct. 19; Serial No. 528,496, published July 6, 1948. Class 6.

Lesher, Whitman & Co., Inc., New York, to Goodall-Sanford, Inc., Sanford, N. Y. Piece goods. 248,858, renewed Oct. 30, 1948. O. G. Oct. 19. Class 42.

Lewyt Corporation, New York, N. Y. Business publication. 503,193, Oct. 19; Serial No. 538,794, published July 6, 1948. Class 38.

Likly Luggage Co., Inc., New York, N. Y. Suit cases, traveling bags, portfolios, etc. 503,267, Oct. 19; Serial No. 545,268, published July 27, 1948. Class 3.

Lilly, Eli, and Company, Indianapolis, Ind. Sodium ethyl mercurithiosalicylate or organic mercury compound solution. 252,182, renewed Jan. 29, 1949. O. G. Oct. 19. Class 6.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation of benzyl benzoate compound. 503,225, Oct. 19; Serial No. 541,308, published July 13, 1948. Class 6.

Lincoln Laboratories, Incorporated, Decatur, Ill. Penicillin vehicle containing sesame oil 8.8. cc. (approximately), etc. 438,224, Apr. 13, 1948. Corrected. O. G. Oct. 19. Class 6.

Lorain Products Corporation, Lorain, Ohio. Battery charges. 503,182, Oct. 19; Serial No. 537,906, published July 6, 1948. Class 21.

Lorain Products Corporation, Lorain, Ohio. Battery chargers. 503,183–4, Oct. 19; Serial Nos. 537,907–8, published June 29, 1948. Class 21.

Los Angeles Soap Company, Los Angeles, Calif. Soap. 308,572, Dec. 12, 1933. Republished Oct. 19. Class 4.

Los Angeles Soap Company, Los Angeles, Calif. Laundry soap. 311,598, Mar. 27, 1934. Republished Oct. 19. Class 4.

Louisiana Drug Co. Inc., Opelousas, La. Insect spray, insect dust, etc. 362,796, Nov. 29, 1938. Republished Oct. 19. Class 6.

Louisville Electric Manufacturing Company, Louisville, Ky. Electric motors, and various types of portable electrically-driven tools. 503,106, Oct. 19; Serial No. 532,944, published July 20, 1948. Class 21.

Lucas, John, & Company, Inc., Philadelphia, Pa. Herbicides and fungicides. 503,292, Oct. 19; Serial No. 497,032. Class 6.

Lustra-Cite Industries, Inc., New York, N. Y. Fixtures for the counter display of merchandise. 441,065, Oct. 19; Serial No. 512,515, published June 29, 1948. Class 32.

Lynchburg Hosiery Mills, Inc.: *See*—
May Hosiery Mills, Inc.

Lynchburg Hosiery Mills, Inc., Lynchburg, Va. Hosiery. 336,222, June 30, 1936. Republished Oct. 19. Class 39.

Maas & Waldstein Co., Newark, N. J. Plating-rack enamels and stop-off coatings. 422,769, Aug. 13, 1946. Republished Oct. 19. Class 16.

Maas & Waldstein Co., Newark, N. J. Coating compositions. 426,270, Dec. 24, 1946. Republished Oct. 19. Class 16.

Maas & Waldstein Co., Newark, N. J. Paints in paste and ready mixed form, varnishes, paint enamels, etc. 431,083, July 8, 1948. Republished Oct. 19. Class 16.

MacAndrews & Forbes Company, Camden, N. J. Foaming, wetting, and dispersing agent. 503,143, Oct. 19; Serial No. 535,419, published June 22, 1948. Class 6.

MacAndrews & Forbes Company, Camden, N. J. Licorice mass for the pharmaceutical trade. 503,144, Oct. 19; Serial No. 535,422, published July 20, 1948. Class 6.

MacPherson, Warren, by General Latex and Chemical Corporation, Cambridge, Mass. Vulcanized or partly vulcanized rubber latex. 256,917, May 28, 1929. Republished Oct. 19. Class 1.

Mac's Super Gloss Co., Los Angeles, Calif. Preparation for removing and preventing radiator rust. 503,054, Oct. 19; Serial No. 529,790, published July 13, 1948. Class 6.

Madden Company, The, by Poor & Company, Chicago, Ill. Metal derails. 115,644, Feb. 27, 1917. Republished Oct. 19. Class 14.

Madsen Iron Works, assignor to Madsen Iron Works, Inc., Huntington Park, Calif. Restaurant fixtures. 503,025, Oct. 19; Serial No. 527,904, published July 13, 1948. Class 32.

Madsen Iron Works, Inc.: *See*—
Madsen Iron Works.

Majestic Manufacturing Company, St. Louis, Mo. Firebox linings for stoves. 503,186, Oct. 19; Serial No. 538,308, published July 20, 1948. Class 34.

Mallinckrodt, L. K., Inc.: *See*—
Wood, C. Wilson.

Mann, Joseph, Boston, Mass. Ladies' hosiery. 321,164, Jan. 22, 1935. Republished Oct. 19. Class 39.

Mann, Joseph, Boston, Mass. Men's and boys' hosiery. 363,462, Dec. 27, 1938. Republished Oct. 19. Class 39.

Manteca Canning Company, Manteca, Calif. Canned fruits and canned vegetables. 190,898–9, Oct. 28, 1924. Republished Oct. 19. Class 46.

Manteca Canning Company, Manteca, Calif. Canned tomatoes, canned tomato paste, canned fruit, canned vegetables. 279,724, Jan. 20, 1931. Republished Oct. 19. Class 46.

Manteca Canning Company, Manteca, Calif. Canned fruits, canned vegetables, canned fish. 323,089, Apr. 2, 1935. Republished Oct. 19. Class 46.

Manteca Canning Company, Manteca, Calif. Canned tomato paste. 340,896, Nov. 24, 1936. Republished Oct. 19. Class 46.

Manteca Canning Company, Manteca, Calif. Canned food products. 346,093, May 18, 1937. Republished Oct. 19. Class 46.

Mapril, Inc., New York, N. Y. Oil shampoo tint. 503,226, Oct. 19; Serial No. 541,434, published July 20, 1948. Class 6.

Marathon Corporation, Rothschild, Wis. Sodium lignosulfonate used for boiler water treatment. 503,189, Oct. 19; Serial No. 538,648, published June 22, 1948. Class 6.

Marathon Corporation, Rothschild, Wis. Basic calcium lignosulfonate used as additive for cements and ceramics. 503,190, Oct. 19; Serial No. 538,649, published June 29, 1948. Class 6.

Marathon Corporation, Rothschild, Wis. Partially desulfonated sodium lignosulfonate compounds. 503,191, Oct. 19; Serial No. 538,650, published June 22, 1948. Class 6.

Marking Devices Publishing Co., Chicago, Ill. Monthly magazine 503,303, Oct. 19; Serial No. 506,822, Class 38.

Marshall-Wells Company: *See*—
Marshall-Wells Hardware Co.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Scythe-stones, razor-hones, sandpaper, etc. 71,386, re-renewed Nov. 24, 1948. O. G. Oct. 19. Class 4.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Butcher-knives, farrier-knives, chisels, etc. 71,387, re-renewed Nov. 24, 1948. O. G. Oct. 19. Class 23.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Squares, wing-dividers, and levels. 71,388, re-renewed Nov. 24, 1948. O. G. Oct. 19. Class 26.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Horseshoe-nails, carpet-tacks, barbed wire, etc. 71,389, re-renewed Nov. 24, 1948. O. G. Oct. 19. Class 13.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Boys' express-wagons, fishing-rods, fishing-reels, etc. 71,390, re-renewed Nov. 24, 1948. O. G. Oct. 19. Class 22.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Silver-plated knives and forks and silver-plated spoons. 71,473, re-renewed Nov. 24, 1924. O. G. Oct. 19. Class 28.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Duck tents, awnings, paulins, etc. 71,509, re-renewed Dec. 1, 1948. O. G. Oct. 19. Classes 12 and 50.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Babbitt metal, sheet-steel, tin-plate, etc. 71,548, re-renewed Dec. 1, 1948. O. G. Oct. 19. Class 14.

Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. Harness, harness parts, riding-saddles, etc. 71,595, re-renewed Dec. 1, 1948. O. G. Oct. 19. Class 3.

Martin, Bob (Export) Limited, Lancashire, England. Poultry and pig conditioners and medicinal preparations for poultry and pigs. 503,026, Oct. 19; Serial No. 528,424, published July 20, 1948. Class 6.

Martin Electric Company: *See*—
Martin Electric Corporation.

Martin Electric Corporation, doing business as Martin Electric Company, Detroit, Mich. Welding transformers, portable electric spot welding guns, and resistance welding apparatus. 503,197, Oct. 19; Serial No. 539,190, published July 13, 1948. Class 21.

Martinez, Ruben Q., doing business as Moc-Dye-Products, San Antonio, Tex. Dyestuff for fabrics. 503,310, Oct. 19; Serial No. 515,319. Class 6.

Martini & Rossi, to Martini & Rossi Corporation, New York, N. Y. Distilled alcoholic liquors. 114,260, Dec. 5, 1916. New certificate. O. G. Oct. 19. Class 49.

Martini & Rossi, to Martini & Rossi Corporation, New York, N. Y. Wines, sparkling wines, and wine vermouth. 185,413, June 17, 1924. New certificate. O. G. Oct. 19. Class 47.

Martini & Rossi, to Martini & Rossi Corporation, New York, N. Y. Wines. 227,926, May 17, 1927. New certificate. O. G. Oct. 19. Class 47.

Martini & Rossi Corporation: *See*—
Martini & Rossi.
Martini & Rossi S. A.

Martini & Rossi S. A., to Martini & Rossi Corporation, New York, N. Y. Vermouth, cocktails, liqueurs, etc. 299,161, Nov. 22, 1932. New certificate. O. G. Oct. 19. Class 49.

Martini & Rossi S. A., to Martini & Rossi Corporation, New York, N. Y. Vermouth, sparkling and still wines, etc. 311,119, Mar. 13, 1934. New certificate. O. G. Oct. 19. Class 47.

Marvel Jewelry Mfg. Company, Providence, R. I. Jewelry. 503,007, Oct. 19; Serial No. 522,016, published July 20, 1948. Class 28.

Maxin, David J., Chicago, Ill. Face powder, lipstick, rouge, etc. 441,075, Oct. 19; Serial No. 514,484, published Sept. 2, 1947. Class 6.

May Hosiery Mills, Inc., Burlington, N. C., by Lynchburg Hosiery Mills, Inc., Lynchburg, Va. Hosiery, underwear, and outer garments. 173,346, Sept. 25, 1923. Republished Oct. 19. Class 39.

May Hosiery Mills, Inc., by May McEwan Kaiser Co., Burlington, N. C. Hosiery. 289,158, Nov. 17, 1931. Republished Oct. 19. Class 39.

May Hosiery Mills, Inc., by May McEwan Kaiser Co., Burlington, N. C. Hosiery. 293,140, Apr. 12, 1932. Republished Oct. 19. Class 39.

May Hosiery Mills, Inc., by May McEwan Kaiser Co., Burlington, N. C. Hosiery. 294,797, June 7, 1932. Republished Oct. 19. Class 39.

May Hosiery Mills, Inc., by May McEwan Kaiser Co., Burlington, N. C. Hosiery. 326,136, July 16, 1935. Republished Oct. 19. Class 39.

May McEwan Kaiser Co.: *See*—
May Hosiery Mills, Inc.

McBride Refining Company, Inc., Edinburg, Tex. Motor fuel oil and an oil for lubricating purposes. 441,110, Oct. 19; Serial No. 522,753, published July 6, 1948. Class 15.

McCann, Judith, doing business as Wingback Company, New York, N. Y. Earrings and earring backs. 503,157, Oct. 19; Serial No. 535,982, published July 6, 1948. Class 28.

McCormick & Co., Incorporated, Baltimore, Md. Insecticides. 234,453, Oct. 25, 1927. Republished Oct. 19. Class 6.

McKesson & Robbins, Incorporated, Bridgeport, Conn., to Stiefel Medicinal Soap Company, Inc., Preston Hollow, N. Y. Ointment. 246,744, renewed Sept. 11, 1948. O. G. Oct. 19. Class 6.

McLaurin-Jones Co., Brockfield, Mass. Gummed tape. 503,136, Oct. 19; Serial No. 534,907, published July 20, 1948. Class 5.

McNeil Laboratories, Incorporated, Philadelphia, Pa. Liquid preparations useful as an antacid and adsorbent. 503,240, Oct. 19; Serial No. 542,476, published July 13, 1948. Class 6.

McNeil Laboratories, Incorporated, Philadelphia, Pa. Vehicle consisting of propylene glycol, etc. 503,260, Oct. 19; Serial No. 544,097, published July 20, 1948. Class 6.

Mead Johnson & Company, Evansville, Ind. Pharmaceutical preparation. 502,999, Oct. 19; Serial No. 517,076, published July 20, 1948. Class 6.

Mead Johnson & Company, Evansville, Ind. Fish liver oils containing vitamins A and D. 503,231, Oct. 19; Serial No. 541,756, published July 20, 1948. Class 6.

Meier, Arthur G., doing business as Inland Products Co., Roanoke, Va. Motor lubricating oil. 441,025, Oct. 19; Serial No. 497,488, published July 6, 1948. Class 15.

Meier, Arthur G., doing business as Inland Products Co., Roanoke, Va. Motor lubricating oil. 441,074, Oct. 19; Serial No. 514,124, published July 13, 1948. Class 15.

Meier & Frank Company, Inc., Portland, Oreg. Skis, ski bindings, and ski poles. 356,083, Apr. 12, 1938. Republished Oct. 19. Class 22.

Meier & Frank Company, Inc., Portland, Oreg. Men's, women's, and children's ski clothing. 357,458, June 7, 1938. Republished Oct. 19. Class 39.

Meier & Frank Company, Inc., Portland, Oreg. Ruffled and tailored curtains, hand-tailored bedspreads; piece goods. 359,352, Aug. 16, 1938. Republished Oct. 19. Class 42.

Meincke, Howard D., Chicago, Ill. Chemically treated starch, principally in powdered form. 503,037, Oct. 19; Serial No. 529,077, published July 20, 1948. Class 6.

Mendelson, Daniel H., doing business as Vogue Luggage Co., Chicago, Ill. Luggage. 503,232, Oct. 19; Serial No. 541,856, published June 15, 1948. Class 3.

Merriam Manufacturing Company, The, Durham, Conn. Boxes formed of base metal. 503,103, Oct. 19; Serial No. 532,743, published June 15, 1948. Class 25.

Metropolitan Cigar Corporation, Chicago, Ill. Cigars. 329,926, Nov. 19, 1935. Republished Oct. 19. Class 17.

Mexican Amole Soap Co., Peoria, Ill., by Amole Incorporated, Tipp City, Ohio. Soap. 61,635, Apr. 2, 1907. Republished Oct. 19. Class 4.

Meyer, E. A., doing business as Green Bay Soap Company, by Green Bay Soap Company, Green Bay, Wis. Soap, soap powders, household cleansers, etc. 333,677, Mar. 31, 1936. Republished Oct. 19. Class 4.

Michaels, Stern & Company, Incorporated: *See*—
Michaels, Stern & Co., Inc.

Michaels, Stern & Co., Inc., by Michaels, Stern & Company, Incorporated, Rochester, N. Y. Men's and boys' topcoats. 371,968, Oct. 17, 1939. Republished Oct. 19. Class 39.

Michaels, Stern & Company, Incorporated, Rochester, N. Y. Men's suits, vests, trousers, etc. 417,086, Oct. 16, 1945. Republished Oct. 19. Class 39.

Mido Societe Anonyme, Bienne, Switzerland. Watches, watch casings, and parts of watches. 441,020, Oct. 19; Serial No. 493,273, published July 13, 1948. Class 27.

Mido Societe Anonyme, Bienne, Switzerland. Watches, watch casings, and parts of watches. 441,134, Oct. 19; Serial No. 497,952. Class 27.

Mid-Kansas Milling Co., The: *See*—
Shellabarger Mills & Elevator Company.

Midway Chemical Company, Chicago, Ill., to Boyle-Midway Inc., Jersey City, N. J. Furniture polish, liquid wax, wax floor oil, etc. 248,535, renewed Oct. 23, 1948. O. G. Oct. 19. Class 16.

Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Vitamin E. 503,023, Oct. 19; Serial No. 527,537, published July 6, 1948. Class 6.

Millett, J. C., Co., doing business as Occidental Distilling Co., by J. C. Millett Co., San Francisco, Calif. Whiskey. 314,414, June 26, 1934. Republished Oct. 19. Class 49.

Millett, J. C., Co., by J. C. Millett Co., San Francisco, Calif. Wine. 318,671, Oct. 30, 1934. Republished Oct. 19. Class 47.

Millett, J. C., Co., San Francisco, Calif. Whiskey. 388,659, July 1, 1941. Republished Oct. 19. Class 49.

Minick, William L., Waynesboro, Pa. Credential cards. 441,088, Oct. 19; Serial No. 517,506, published June 29, 1948. Class 37.

Minnesota Mining & Manufacturing Company, St. Paul, Minn. Gasket material and mechanical packing consisting or composed of vegetable fibre sheet material. 502,984, Oct. 19; Serial No. 502,589, published July 20, 1948. Class 35.

Minnesota Valley Canning Company: *See*—
Central Wisconsin Canneries.

Miracle Lubricating Company: *See*—
Miracle Lubricating Corporation.

Miracle Lubricating Corporation, Detroit, Mich., assignee of Miracle Lubricating Company. Lubricating oils. 503,298, Oct. 19; Serial No. 502,709. Class 15.

Mitchell, P. R., Co., The, New York, N. Y., to The P. R. Mitchell Co., Cincinnati, Ohio. Pillows. 244,703, renewed July 24, 1948. O. G. Oct. 19. Class 32.

Modern Cloak & Suit Co., Inc., Philadelphia, Pa. Ladies' coats. 384,234, Jan. 7, 1941. Republished Oct. 19. Class 39.

Molinari, David A., doing business as The Gasnil Co., San Francisco, Calif. Stomach powders. 503,242, Oct. 19; Serial No. 542,960, published July 20, 1948. Class 6.

Moline Consumers Company, Moline, Ill. Coal. 228,253, May 24, 1927. Republished Oct. 19. Class 1.

Moline Paint Mfg. Co., Moline, Ill. Chemical for cleaning sandpaper, sanding belts, and discs, etc. 503,314, Oct. 19; Serial No. 521,270. Class 6.

Monarch Brewing Company: *See*—
United Breweries Company.

Monarch Brewing Company, Chicago, Ill. Beer. 338,557, Sept. 8, 1936. Republished Oct. 19. Class 48.

Monitor Controller Company, The, Baltimore, Md. Rheostats. 503,331, Oct. 19; Serial No. 546,721. Class 21.

Monsanto Chemical Company, St. Louis, Mo. Chemical toxicants. 441,097, Oct. 19; Serial No. 519,484, published Oct. 14, 1947. Class 6.

Montana Food Distributors Association, Helena, Mont. Printed magazine published periodically. 502,995, Oct. 19; Serial No. 511,951, published July 13, 1948. Class 38.

Montres, Henex S. A., Tavannes, Switzerland. Watches, watch movements, watch casings, etc. 441,014, Oct. 19; Serial No. 481,334, published July 6, 1948. Class 27.

Mor-Dye-Products: *See*—
Martinez, Ruben Q.

Morton Manufacturing Company, Chicago, Ill. Kitchen wall cabinets. 441,106, Oct. 19; Serial No. 521,973, published July 13, 1948. Class 32.

Motor Products Corporation, Detroit, Mich. Refrigerating apparatus and parts thereof. 390,264, Sept. 16, 1941. Republished Oct. 19. Class 31.

Muehlfeld, Clarence G., Saginaw, Mich. Hen's nests. 503,299, Oct. 19; Serial No. 504,060. Class 50.

Mundet Cork Corporation, Brooklyn and New York, N. Y. Brine putty. 441,103, Oct. 19; Serial No. 521,592, published June 29, 1948. Class 12.

Munsch-Protzmann Co., by H. Carnot, New York, N. Y. Preparation for the treatment of skin diseases. 240,337, Mar. 27, 1928. Republished Oct. 19. Class 6.

Murray & Tregurtha, Inc., Quincy, Mass. Propeller mechanism for boats, barges, and the like. 426,795, Jan. 14, 1947. Republished Oct. 19. Class 23.

Mutual Buying Syndicate, Inc., New York, N. Y. Handbags. 503,088, Oct. 19; Serial No. 532,327, published June 29, 1948. Class 3.

Mutual Orange Distributors, Redlands, Calif. Fresh citrus fruits, fresh deciduous fruits. 249,336, renewed Nov. 13, 1948. O. G. Oct. 19. Class 46.

Myers, E., Lye Co., to E. Myers Lye Corporation, St. Louis, Mo. Lye or caustic soda. 249,139, renewed Nov. 6, 1948. O. G. Oct. 19. Class 6.

Myers, E., Lye Corporation: *See*—
Myers, E., Lye Co.

Myles Salt Company, Inc., New Orleans, La. Salt for meat curing. 503,059, Oct. 19; Serial No. 530,550, published July 20, 1948. Class 6.

Nale, D. C., doing business as Rhenma-Non Co., Detroit, Mich. Preparation for use in the treatment of muscular aches and pains. 503,131, Oct. 19; Serial No. 534,457, published July 20, 1948. Class 6.

National Biscuit Company, New York, N. Y. Biscuit, cake, and crackers. 245,499–500, renewed Aug. 14, 1948. O. G. Oct. 19. Class 46.

National Biscuit Company, New York, N. Y. Biscuit, cake, and crackers. 246,591, renewed Sept. 11, 1948. O. G. Oct. 19. Class 46.

National Carbon Company, Inc., New York, N. Y. Heat exchangers. 441,131, Oct. 19; Serial No. 525,373, published July 20, 1948. Class 34.

National Consumers Finance Association, Washington, D. C. Monthly publication. 503,333, Oct. 19; Serial No. 551,029. Class 38.

National Electric Welding Machines Co., Bay City, Mich. Electric welding machines. 503,178, Oct. 19; Serial No. 537,475, published July 6, 1948. Class 21.

National Hog Medicine Company: *See*—
Allen, David H.

National Shirt Shops, Inc., to National Shirt Shops of Delaware, Inc., New York, N. Y. Men's athletic pants and underwear. 245,419, renewed Aug. 14, 1948. O. G. Oct. 19. Class 39.

National Shirt Shops, Inc., to National Shirt Shops of Delaware, Inc., New York, N. Y. Men's negligee and sport shirts and underwear. 245,420, renewed Aug. 14, 1948. O. G. Oct. 19. Class 39.

National Shirt Shops of Delaware, Inc.: *See*—
National Shirt Shops, Inc.

National Starch Co., by Corn Products Refining Company, New York, N. Y. Corn starch. 87,357, July 9, 1912. Republished Oct. 19. Class 46.

National Starch Co., by Corn Products Refining Company, New York, N. Y. Starch for laundry purposes. 101,966, Jan. 19, 1915. Republished Oct. 19. Class 6.

National Starch Company, by Corn Products Refining Company, New York, N. Y. Starch for laundry and manufacturing purposes. 105,695, Aug. 10, 1915. Republished Oct. 19. Class 6.

National Starch Company, by Corn Products Refining Company, New York, N. Y. Corn starch. 106,471, Oct. 19, 1915. Republished Oct. 19. Class 46.

Neuhoff, Max M., New York, N. Y. Fountain pens. 441,055, Oct. 19; Serial No. 510,716, published July 27, 1948. Class 37.

Neumann, Arthur E., Chicago, Ill. Jewelry. 503,089, Oct. 19; Serial No. 532,332, published July 6, 1948. Class 28.

Neumann, Arthur E., Chicago, Ill. Writing paper, envelopes, pencils, etc. 503,090, Oct. 19; Serial No. 532,335, published July 27, 1948. Class 37.

New Method Mfg. Co.: *See*—
Scroxton, Wright G

Niagara Sprayer Company, Middleport, N. Y., to Food Machinery Corporation, San Jose, Calif. Parasiticides. 246,735, renewed Sept. 11, 1948. O. G. Oct. 19. Class 6.

Nicholson File Company, Providence, R. I. Files. 71,833, re-renewed Dec. 15, 1948. O. G. Oct. 19. Class 23.

Nielsen Embroidery Works, New York, N. Y. Trimmings, namely, colored embroidery bands. 503,293, Oct. 19; Serial No. 497,035. Class 40.

Nion Corporation, Los Angeles, Calif. Ferrous gluconate product for the treatment of iron deficiency anemias. 503,254, Oct. 19; Serial No. 543,649, published July 20, 1948. Class 6.

Noble & Harris, Detroit, assignor to The Edison Illuminating Company, by Electromaster, Inc., Mount Clemens, Mich. Electric stoves and electric ranges. 263,481, Nov. 5, 1929. Republished Oct. 19. Class 21.

Northern Illinois Cereal Company: *See*—
Holmstrom-Pilcher Co.

Northwest Juvenile Manufacturing Company, St. Paul, Minn. Juvenile furniture. 441,081, Oct. 19; Serial No. 515,896, published June 29, 1948. Class 32.

Northwestern Stove Repair Co., Chicago, Ill. House and building heating furnaces. 329,964, Nov. 19, 1935. Republished Oct. 19. Class 34.

Núñez, Angel A., Madrid, Spain. Printed tickets, sold as such, printed booklets, and printed cards. 441,031, Oct. 19; Serial No. 504,819, published June 15, 1948. Class 38.

Nurre Companies, The, Bloomington, Ind. Glass mirrors. 503,120, Oct. 19; Serial No. 533,602, published July 20, 1948. Class 32.

Nye, Stuart N., Asheville, N. C. Hand wrought jewelry. 503,075, Oct. 19; Serial No. 531,626, published July 6, 1948. Class 28.

O & S Products, Inc., Chicago, Ill. Ultra-violet ray lamps and fixtures. 441,058, Oct. 19; Serial No. 511,181, published June 29, 1948. Class 21.

Oak Leaves Company: *See*—
Pioneer Publishing Co.

Oakes & Company, Chicago, Ill. Harness sweat pads. 441,132, Oct. 19; Serial No. 525,379, published Nov. 18, 1947. Class 3.

Obrig, Gordon, Associates, Inc., New York, N. Y. Living room furniture, dining room furniture and bedroom furniture. 503,291, Oct. 19; Serial No. 531,821, published July 13, 1948. Class 32.

Occidental Distilling Co.: *See*—
Millett, J. C., Co.

Ohio Brass Company, The, Mansfield, Ohio. Trolley frogs. 503,129, Oct. 19; Serial No. 534,330, published July 20, 1948. Class 21.

Ohio Malleable Iron Company, The, Columbus, Ohio. Miscellaneous castings. 70,665, re-renewed Sept. 22, 1948. O. G. Oct. 19. Class 14.

Old Fashioned Herb Company, The, Pasadena, Calif. Vitamins; herb concentrates, etc. 441,076, Oct. 19; Serial No. 514,620, published July 20, 1948. Class 6.

Olympia Canning Company, Olympia, Wash. Canned fruits. 300,739, Feb. 7, 1933. Republished Oct. 19. Class 46.

Olympia Glove Company, The: *See*—
Heckelman, Jacob C.

Omaha Cold Storage Company, Omaha, Nebr. Fresh dressed poultry, butter and eggs. 200,946, July 14, 1925. Republished Oct. 19. Class 46.

Omicron Delta Kappa Society, The, Cincinnati, Ohio. News magazine. 441,080, Oct. 19; Serial No. 515,776, published July 6, 1948. Class 38.

Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. 503,062, Oct. 19; Serial No. 530,837, published June 22, 1948. Class 28.

Organ-Iron Laboratories, Omaha, Nebr., to F & F Laboratories, Inc., Chicago, Ill. Throat lozenges. 246,040, renewed Aug. 28, 1948. O. G. Oct. 19. Class 6.

Ornstein, D., & Sons Corporation, New York, N. Y. Bracelets, ornamental pins, earrings, etc. 503,096, Oct. 19; Serial No. 532,484, published July 6, 1948. Class 28.

Oster, John, Manufacturing Co., Racine, Wis. Electric food and drink mixers. 503,179, Oct. 19; Serial No. 537,497, published June 29, 1948. Class 21.

Owens-Illinois Glass Company, Toledo, Ohio. Glass bottles and jars. 502,994, Oct. 19; Serial No. 510,446, published June 29, 1948. Class 33.

P. & M. Co., The, by Poor & Company, Chicago, Ill. Metal rail-anchors, anticreepers, tie-plates, etc. 89,292, Dec. 3, 1912. Republished Oct. 19. Class 14.

P. & M. Co., The, by Poor & Company, Chicago, Ill. Rail anchors or anticreepers. 177,413, Dec. 18, 1923. Republished Oct. 19. Class 14.

Pan-Pacific Fisheries Inc.: *See*—
Sardamack Fisheries, Inc.

Parfums Weil Paris Co.: *See*—
Parfums Weil Paris, Inc.
Societe Anonyme des Parfums Weil.

Parfums Weil Paris, Inc., by Parfums Weil Paris Co., New York, N. Y. Perfumes. 391,953, Dec. 2, 1941. Republished Oct. 19. Class 6.

Park & Tilford, New York, N. Y. Lipsticks. 503,080, Oct. 19; Serial No. 531,941, published July 20, 1948. Class 6.

Parke, Davis & Company: *See*—
International Takamine Ferment Company.

Parke, Davis & Company, Detroit, Mich. Surgical lubricant. 248,113, renewed Oct. 16, 1948. O. G. Oct. 19. Class 6.

Parke, Davis & Company, Detroit, Mich. Astringent. 248,114, renewed Oct. 16, 1948. O. G. Oct. 19. Class 6.

Parke, Davis & Company, Detroit, Mich. Chemical substance. 249,698, renewed Nov. 20, 1948. O. G. Oct. 19. Class 6.

Parke, Davis & Company, Detroit, Mich. Emulsion. 251,074, renewed Dec. 25, 1948. O. G. Oct. 19. Class 6.

Parkington, J. R., & Co., Ltd., London, England. Port wine. 241,056, Apr. 17, 1928. Republished Oct. 19. Class 47.

Parks & Brock, Lompoc, Calif. Fresh vegetables. 420,028, Mar. 19, 1946. Republished Oct. 19. Class 46.

Parsons Paper Company, Holyoke, Mass. Printing and writing paper. 503,118, Oct. 19; Serial No. 533,469, published July 6, 1948. Class 37.

Parsons Paper Company, Holyoke, Mass. Ledger paper. 503,119, Oct. 19; Serial No. 533,470, published July 6, 1948. Class 37.

Parts Manufacturing Company, to The Accurate Parts Manufacturing Company, Cleveland, Ohio. Clamp screws, bolts, nuts, etc. 242,718, renewed May 29, 1948. O. G. Oct. 19. Class 13.

Pasachoff, Harry D., New York, N. Y. Medicinal ointment preparation. 441,030, Oct. 19; Serial No. 504,128, published July 15, 1947. Class 6.

Patek and Co., San Francisco, Calif. Wet cleaning aid. 432,633, Sept. 9, 1947. Republished Oct. 19. Class 4.

Patek and Co., San Francisco, Calif. Liquid laundry blue. 502,989, Oct. 19; Serial No. 505,920, published July 20, 1948. Class 6.

Paxton & Gallagher Co., Omaha, Nebr. Cider vinegar, tomato catchup, pickles, etc. 211,665, Apr. 13, 1926. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Condiment similar to chili sauce. 221,028, Nov. 23, 1926. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Coffee. 294,080, May 17, 1932. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Canned fruits. 296,719, Aug. 16, 1932. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Cigars. 304,694, July 18, 1933. Republished Oct. 19. Class 17.

Paxton & Gallagher Co., Omaha, Nebr. Salad dressing. 305,301, Aug. 15, 1933. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Canned fruits, canned vegetables, condiments. 355,047, Mar. 8, 1938. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Walnuts and vegetable shortening. 382,963, Nov. 19, 1940. Republished Oct. 19. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Canned fruits, canned vegetables, canned vegetable juices, etc. 388,221, June 17, 1941. Republished Oct. 19. Class 46.

Payne Coal Company, Inc., Wilkes-Barre, Pa. Coal. 503,172, Oct. 19; Serial No. 537,077, published July 13, 1948. Class 1.

Pearl, John, Detroit, Mich. Garment hangers. 441,027, Oct. 19; Serial No. 499,569, published Aug. 5, 1947. Class 50.

Pearlduck, Inc.: *See*—
Bresnick, Carl S.

Pennsylvania Refining Company, Butler, Pa. White mineral oils. 503,160, Oct. 19; Serial No. 536,283, published July 20, 1948. Class 6.

Pennsylvania Salt Manufacturing Company, The, Philadelphia, Pa. Composition of strong mineral acids. 441,036, Oct. 19; Serial No. 507,018, published July 13, 1948. Class 6.

Perkins Glue Company, Lansdale, Pa. Glue. 503,208, Oct. 19; Serial No. 540,199, published July 20, 1948. Class 5.

Perma Products Company, The, Cleveland, Ohio. Exterior paints. 441,109, Oct. 19; Serial No. 522,740, published Apr. 13, 1948. Class 16.

Peshastin Fruit Growers Association, Peshastin, Wash. Fresh fruits. 211,231, Apr. 6, 1926. Republished Oct. 19. Class 46.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Dental plate powder 503,181, Oct. 19; Serial No. 537,731, published July 6, 1948. Class 6.

Pfizer, Chas., & Co., Inc., New York, N. Y. Acetyl tributyl citrate, acetyl triethyl citrate, acetyl tripropyl citrate, etc. 503,018, Oct. 19; Serial No. 526,922, published July 20, 1948. Class 6.

Phenol Chemical Company, The, by The Diversey Corporation, Chicago, Ill. Moth preventive and exterminator. 123,483, Nov. 12, 1918. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 338,319, Sept. 1, 1936. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 340,026, Oct. 27, 1936. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 340,932, Nov. 24, 1936. Republished Oct. 19. Class 5.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 346,131, May 18, 1937. Republished Oct 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 347,331, June 22, 1937. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 350,514–15, Sept. 28, 1937. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 351,045, Oct. 19, 1937. Republished Oct. 19. Class 5.

Philadelphia Quartz Company, Philadelphia, Pa. Adhesive comprised in whole or in part of silicate of soda. 355,409–10, Mar. 15, 1938. Republished Oct. 19. Class 5.

Philadelphia Quartz Company, Philadelphia, Pa. Substance for preventing rust, corrosion, or scale in boilers, radiators, and hot water systems. 382,134, Oct. 15, 1940. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Potassium silicate. 398,704, Nov. 17, 1942. Republished Oct. 19. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda and silicate of potash. 414,766, June 26, 1945. Republished Oct. 19. Class 4.

Phillips, Homer L., Charleston, W. Va. Instrument inserted in arc lamps. 503,308, Oct. 19; Serial No. 513,201. Class 21.

Pine, Morton S., Company, The, Cleveland, Ohio. General household cleaner. 417,921, Nov. 20, 1945. Republished Oct. 19. Class 4.

Pineule Medicine Co., to E. C. De Witt & Co., Inc., Chicago, Ill. Preparation for the alleviating and cure of hemorrhoids or piles. 42,131, Feb. 23, 1904. New certificate. O. G. Oct. 19. Class 6.

Pineule Medicine Co., to E. C. De Witt & Co., Inc., Chicago, Ill. Cure for piles. 45,170, Aug. 8, 1905. New certificate. O. G. Oct. 19. Class 6.

Pioneer Publishing Co., Oak Park, to Austinite Company, Chicago, Ill. Weekly publication. 232,081, renewed Aug. 30, 1947. O. G. Oct. 19. Class 38.

Pioneer Publishing Co., to Oak Leaves Company, Oak Park, Ill. Weekly publication. 232,085, renewed Aug. 30, 1947. O. G. Oct. 19. Class 38.

Pirrone, F., & Sons, Garfield, N. J., by F. Pirrone & Sons, Inc. Wine. 385,065, Feb. 11, 1941. Republished Oct. 19. Class 47.

Pirrone, F., & Sons, Garfield, N. J., by F. Pirrone & Sons, Inc. Wine. 394,995, May 5, 1942. Republished Oct. 19. Class 47.

Pirrone, F., & Sons, Inc.: *See*—
Pirrone, F., & Sons.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Coated plate glass and/or coated window glass. 441,046, Oct. 19; Serial No. 510,195, published July 13, 1948. Class 33.

Planitect Company, New Orleans, La. Set comprising cardboard work sheets. 441,085, Oct. 19; Serial No. 516,719, published July 6, 1948. Class 38.

Plastic Wire & Cable Corporation, The, Jewett City, Conn. Electrical insulated wire. 503,176, Oct. 19; Serial No. 537,354, published June 29, 1948. Class 21.
Pleasant Valley Wine Company, The, Rheims, N. Y. Wines. 360,218, Sept. 13, 1938. Republished Oct. 19. Class 47.
Plymouth Cordage Company, Plymouth, Mass. Rope of sisal and other vegetable hard fibre. 502,985, Oct. 19; Serial No. 502,999, published June 15, 1948. Class 7.
Plymouth Cordage Company, North Plymouth, Mass. Net warp and other ropes and lines. 503,123, Oct. 19; Serial No. 534,050, published June 22, 1948. Class 7.
Plymouth Rubber Company, Inc., Canton, Mass. Friction tape. 503,216–17, Oct. 19; Serial Nos. 540,868–9, published July 20, 1948. Class 5.
Plymouth Wholesale Dry Goods Corporation, New York, N. Y. Knitting yarns of wool and worsted. 503,304, Oct. 19; Serial No. 509,457. Class 43.
Pompeo, Archie, doing business as Evergreen Food Products, Seattle, Wash. Pickles. 417,946, Nov. 20, 1945 Republished Oct. 19. Class 46.
Poor & Company: *See*—
Madden Company, The.
P. & M. Co., The.
Poro College: *See*—
Poro College Products Company, Inc.
Poro College Products Company, Inc., doing business as Poro College, Chicago, Ill. Liquid and ointment preparations, etc. 502,991, Oct. 19; Serial No. 507,538, published July 13, 1948. Class 6.
Princess Elkhorn Coal Company, Paintsville, Ky. Coal. 391,659, Nov. 18, 1941. Republished Oct. 19. Class 1.
Procter & Gamble Company, The, Cincinnati, Ohio. Shampoo. 433,175, Sept. 30, 1947. Republished Oct. 19. Class 6.
Producers Creamery Company, Springfield, Mo. Butter, powdered milk. 267,104, Feb. 11, 1930. Republished Oct. 19. Class 46.
Producers Creamery Co., Springfield, Mo. Cottage cheese. 282,090, Apr. 7, 1931. Republished Oct. 19. Class 46.
Prosperity Institute, Inc., New York, N. Y. Periodical published at intervals. 503,246, Oct. 19; Serial No. 543,046, published July 13, 1948. Class 38.
Prym, William, Inc., Dayville, Killingly, Conn. Common pins, snap fasteners, safety pins, etc. 503,047, Oct. 19; Serial No. 529,407, published June 29, 1948. Class 40.
Prym, William, Inc., Dayville and Killingly, Conn. Glass headed pins. 503,170, Oct. 19; Serial No. 536,858, published Apr. 27, 1948. Class 40.
Pure Oil Company, The, Chicago, Ill. Lubricating oils and hydraulic oil. 503,020, Oct. 19; Serial No. 527,286, published July 20, 1948. Class 15.
Quackenbush Company: *See*—
Allied Stores Corporation.
Quaker Rubber Corporation, Philadelphia, Pa. Hose. 503,229, Oct. 19; Serial No. 541,705, published July 20, 1948. Class 35.
Quality Products, Inc., La Feria, Tex. Canned vegetables and canned grapefruit juice. 388,398, June 24, 1941. Republished Oct. 19. Class 46.
Quality Products, Inc., La Feria, Tex. Grapefruit juice. 397,489, Sept. 8, 1942. Republished Oct. 19. Class 46.
Radio Corporation of America, New York, N. Y. Facsimile duplicating apparatus. 441,070, Oct. 19; Serial No. 513,461, published June 29, 1948. Class 21.
Radio Engineering Magazine, Inc., by Bryan Davis Publishing Co., Inc., New York, N. Y. Monthly magazine. 243,004, June 12, 1928. Republished Oct. 19. Class 38.
Rainbow Shops, Inc.: *See*—
Trimcrest Corporation.
Rainbow Shops, Inc., Brooklyn, N. Y. Ladies' woolen undergarments. 381,025, Sept. 10, 1940. Republished Oct. 19. Class 39.
Rainbow Shops, Inc., Brooklyn, N. Y. Bed jackets and lounging robes. 412,625, Mar. 20, 1945. Republished Oct. 19. Class 39.
Rainier Brewing Company, San Francisco, Calif. Beer. 379,551, July 16, 1940. Republished Oct. 19. Class 48.
Rainier Brewing Company, San Francisco, Calif. Beer. 380,014, Aug. 6, 1940. Republished Oct. 19. Class 48.
Rainier Brewing Company, San Francisco, Calif. Ale. 381,216, Sept. 17, 1940. Republished Oct. 19. Class 48.
Rambo & Regar, Incorporated: *See*—
Cozzens, Issachar.
Rambo & Regar, Incorporated, Norristown, Pa. Anklets. 301,269, Feb. 21, 1933. Republished Oct. 19. Class 39.
Rancho Montecito, North Hollywood, Calif. Assorted dried fruits and shelled nuts and gift packages. 503,319, Oct. 19; Serial No. 529,804. Class 46.
Raybestos-Manhattan, Inc., Passaic, N. J. Belting and hose composed of rubber and fabric. 503,117, Oct. 19; Serial No. 533,380, published July 20, 1948. Class 35.
Raygram Corporation, New York, N. Y. Monthly publication. 503,097, Oct. 19; Serial No. 532,497, published July 13, 1948. Class 38.
Raytheon Manufacturing Company, Newton, Mass. Electronic control apparatus. 503,164, Oct. 19; Serial No. 536,549, published June 29, 1948. Class 21.
Redlands Orangedale Association, Redlands, Calif. Fresh citrus fruit. 348,681, Aug. 3, 1937. Republished Oct. 19. Class 46.
Redlands Orangedale Association, Redlands, Calif. Fresh citrus fruits. 379,163, July 2, 1940. Republished Oct. 19. Class 46.
Redlands Orangedale Association, Redlands, Calif. Fresh citrus fruits. 398,238, Oct. 20, 1942. Republished Oct. 19. Class 46.
Reed & Carnrick, Jersey City, N. J. Pharmaceutical preparations. 503,098, Oct. 19; Serial No. 532,499, published July 13, 1948. Class 6.
Reed & Carnrick, Jersey City, N. J. Palatable, balanced combination of protein hydrolysates with added vitamin B_1, vitamin C and choline. 503,262, Oct. 19; Serial No. 544,766, published July 20, 1948. Class 6.
Reimer, Harry, and Company: *See*—
Thompson, William L., Co.
Renuzit Home Products Company: *See*—
Renuzit Home Products Co.
Renuzit Home Products Co., also doing business as Renuzit Home Products Company, Philadelphia, Pa. Moth-proofer and an insecticide. 503,177, Oct. 19; Serial No. 537,363, published July 20, 1948. Class 6.
Republic Food Products Co.: *See*—
International Products Corporation.
Republic Food Products Co., Chicago, Ill. Canned food for dogs, cats and other carnivorous animals. 323,522, Apr. 16, 1935. Republished Oct. 19. Class 46.
Republic Food Products Co., Chicago, Ill. Canned food for dogs, cats, and other carnivorous animals. 323,527, Apr. 16, 1935. Republished Oct. 19. Class 46.
Republic Food Products Co., Chicago, Ill. Canned food for dogs, cats, and other carnivorous animals. 324,767, May 28, 1935. Republished Oct. 19. Class 46.
Resinous Products & Chemical Company, The, assignor to Röhm & Haas Company, Philadelphia, Pa. Synthetic resinous materials in solid form and/or in solutions. 502,992, Oct. 19; Serial No. 507,848, published July 20, 1948. Class 1.
Respondek, John E., doing business as Romo Drug Co., Detroit, Mich. Vaporizing and rubbing salve or ointment. 502,996, Oct. 19; Serial No. 514,496, published July 20, 1948. Class 6.
Respondek, John E., Detroit, Mich. Preparation in capsule form. 503,126, Oct. 19; Serial No. 534,192, published July 20, 1948. Class 6.
Respondek, John E., doing business as Health Research Laboratories, Detroit, Mich. Preparation for the treatment of coughs and colds. 503,127, Oct. 19; Serial No. 534,193, published July 20, 1948. Class 6.
Respondek, John E., doing business as St. Lawrence Company, Detroit, Mich. Compound to be used as a cough syrup and an herb and vitamin compound for use as a tonic. 503,145, Oct. 19; Serial No. 535,428, published July 20, 1948. Class 6.
Rex, M. A., doing business as California Sea Food Company, Los Angeles, to California Sea Food Corp., Long Beach, Calif. Canned fish. 248,589, renewed Oct. 22, 1948. O. G. Oct. 19. Class 46.
Rexall Drug Company: *See*—
United Drug Company.
Rheuma-Non Co.: *See*—
Nale, D. C.
Rhoads, J. E., & Sons, Philadelphia, Pa. Lace leather in the piece. 250,308, renewed Dec. 4, 1948. O. G. Oct. 19. Class 1.
Rhoads, J. E., & Sons, Philadelphia, Pa. Leather belting. 252,896, Feb. 19, 1929. Republished Oct. 19. Class 35.
Richards, G. Whitfield, to G. Whitfield Richards, Philadelphia, Pa. Cutting lubricants of an oily character. 231,710, renewed Aug. 23, 1947. O. G. Oct. 19. Class 15.
Richmond, David G., East Lynn, Mass. Colored glass vases. 441,078, Oct. 19; Serial No. 514,721, published July 6, 1948. Class 33.
Rival Manufacturing Company: *See*—
Talge, Foster L.
Roaring Spring Blank Book Co., by Roaring Spring Blank Book Co., Roaring Spring, Pa. Blank books, tablets, and flat papers. 49,487, Feb. 6, 1906. Republished Oct. 19. Class 37.
Robinson, A., & Son: *See*—
Robinson, Benjamin.
Robinson, Benjamin, doing business as A. Robinson & Son, New York, N. Y. Gold plating solutions. 503,239, Oct. 19; Serial No. 542,172, published July 20, 1948. Class 6.
Rochelle Asparagus Company, Rochelle, Ill. Canned asparagus. 295,580, July 5, 1932. Republished Oct. 19. Class 46.
Rochelle Asparagus Company, Rochelle, Ill. Canned asparagus. 351,197–8, Oct. 19, 1937. Republished Oct. 19. Class 46.
Rochelle Asparagus Company, Rochelle, Ill. Canned asparagus. 365,237, Feb. 28, 1939. Republished Oct. 19. Class 46.
Rockwell Manufacturing Company: *See*—
Delta Manufacturing Company.
Delta Manufacturing Company, The.
Rockwell Manufacturing Company, Pittsburgh, Pa. Periodical publications, prints and plans with information for construction of various articles of wood, metal or both. 503,323, Oct. 19; Serial No. 534,350. Class 38.

Roden Coal Company, Marvel, Ala. Coal. 441,059, Oct. 19; Serial No. 511,503, published July 13, 1948. Class 1.
Rodriguez, Salvador, Inc., Tampa, Fla. Cigars. 441,098, Oct. 19; Serial No. 519,542, published July 27, 1948. Class 17.
Rogers Publishing Company: *See*—
Rogers, T. A.
Rogers, T. A., doing business as Rogers Publishing Company, Detroit, Mich. Monthly publication. 503,302, Oct. 19; Serial No. 506,475. Class 38.
Röhm & Haas Company: *See*—
Resinous Products & Chemical Company, The.
Romo Drug Co.: *See*—
Respondek, John E.
Root, Harold V., Colorado Springs, Colo. Brushing plaster, a powder to be mixed with water. 503,014, Oct. 19; Serial No. 526,558, published June 29, 1948. Class 12.
Rosenberg Bros. & Co.: *See*—
Rosenberg Brothers & Company.
Rosenberg Brothers & Company, by Rosenberg Bros. & Co., San Francisco, Calif. Dried apricots, nectarines, peaches, etc. 86,619, May 21, 1912. Republished Oct. 19. Class 46.
Rosenthal-Bercow Co., Inc., New York, N. Y. Synthetic preparation. 503,122, Oct. 19; Serial No. 533,784, published June 1, 1948. Class 4.
Ross Packing Co., by Ross Packing Co., Selah, Wash. Dehydrated apples. 387,892, June 3, 1941. Republished Oct. 19. Class 46.
Roundup Grocery Company, Spokane, Wash. Canned salmon, canned oysters, canned clams, etc. 350,941, Oct. 12, 1937. Republished Oct. 19. Class 46.
Royal Electrotype Company, Philadelphia, Pa. Electrotypes. 503,076, Oct. 19; Serial No. 531,723, published July 13, 1948. Class 50.
Rubinstein, Helena, Inc., New York, N. Y. Perfumes. 503,211, Oct. 19; Serial No. 540,458, published July 20, 1948. Class 6.
S & A Bookkeeping Systems, Inc., St. Louis, Mo. Bookkeeping record forms. 441,095, Oct. 19; Serial No. 518,781, published July 27, 1948. Class 37.
S K F Industries, Inc., Philadelphia, Pa., and elsewhere. Metal balls for use in fountain pens. 503,038–9, Oct. 19; Serial Nos. 529,100–01, published July 13, 1948. Class 37.
St. Lawrence Company: *See*—
Respondek, John E.
St. Louis Music Supply Co., St. Louis, Mo. Electric sound equipment. 503,307, Oct. 19; Serial No. 511,768. Class 21.
St. Louis Union Trust Company, to Charter Oak Stove and Range Company, St. Louis, Mo. Stoves and ranges. 63,868, re-renewed July 9, 1947. O. G. Oct. 19. Class 34.
St. Regis Paper Company, New York, N. Y. Printing papers. 441,130, Oct. 19; Serial No. 525,157, published July 20, 1948. Class 37.
San Francisco Breweries Ltd., The, London, England, and San Francisco, to Wielands Incorporated, San Francisco, Calif. Beer. 69,364, re-renewed June 9, 1948. O. G. Oct. 19. Class 48.
San Juan Fishing & Packing Co., Seattle, Wash. Fresh, salt, and pickled fish. 246,971, renewed Sept. 18, 1948. O. G. Oct. 19. Class 46.
San Pat Vegetables Co. Inc., Sinton, Tex. Fresh vegetables. 370,272, Aug. 22, 1939. Corrected. O. G. Oct. 19. Class 46.
Sardamack Fisheries, Inc., by Pan-Pacific Fisheries Inc., Wilmington, Calif. Canned fish. 394,491, Apr. 7, 1942. Republished Oct. 19. Class 46.
Schell Leather Goods Co., Inc., Cincinnati, Ohio. Luggage carrying cases. 441,082, Oct. 19; Serial No. 516,223, published June 15, 1948. Class 3.
Schieren, Charles A., Company, New York, N. Y. Belt-dressing. 72,420, re-renewed Jan. 26, 1949. O. G. Oct. 19. Class 4.
Schieren, Chas. A., Company, New York, N. Y. Leather belting. 503,066, Oct. 19; Serial No. 530,968, published July 20, 1948. Class 35.
Schneider, John Dickinson, The Firm of, Chicago, Ill. Lithographed, printed, and gravure matter. 375,702, Feb. 27, 1940. Republished Oct. 19. Class 38.
Schneider, John Dickinson, The Firm of, Chicago, Ill. Printed, lithographed, and gravure matter. 399,296, Dec. 29, 1942. Republished Oct. 19. Class 38.
Schofel Brothers, Inc., Newark, N. J. Fresh vegetables. 347,669, June 29, 1937. Republished Oct. 19. Class 46.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports. 247,829, renewed Oct. 9, 1948. O. G. Oct. 19. Class 44.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports 250,523, renewed Dec. 11, 1948. O. G. Oct. 19. Class 44.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Finger bandages, corn callous, and bunion pads. 503,318, Oct. 19; Serial No. 528,742. Class 44.
Schreiber, A., Brewing Company, by Schreiber Brewing Company, Inc., Buffalo, N. Y. Beer. 80,443, Dec. 20, 1910. Republished Oct. 19. Class 48.
Schreiber Brewing Company, Inc.: *See*—
Schreiber, A., Brewing Company.
Scroxton, Wright G., doing business as New Method Mfg. Co., Bradford, Pa. Gun bluing solution. 441,104, Oct. 19; Serial No. 521,615, published July 20, 1948. Class 6.
Seeman Brothers, Inc., New York, N. Y. Canned soup. 321,893, Feb. 19, 1935. Republished Oct. 19. Class 46.
Selby Shoe Co., The, Portsmouth, Ohio. Leather boots and shoes. 55,321, Aug. 14, 1906. Republished Oct. 19. Class 39.
Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sport sweaters and two piece knitted dresses. 390,301, Sept. 16, 1941. Republished Oct. 19. Class 39.
Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sport sweaters. 390,648, Sept. 30, 1941. Republished Oct. 19. Class 39.
Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sport sweaters and two-piece knitted dresses. 395,832, June 16, 1942. Republished Oct. 19. Class 39.
Seneca Co., New York, N. Y. Clocks. 503,326–9, Oct. 19; Serial Nos. 545,899–902. Class 27.
Semler, R. B., Inc., New Canaan, Conn. Hair tonic and shampoo. 503,252, Oct. 19; Serial No. 543,533, published July 20, 1948. Class 6.
Service Products, Incorporated, Greenville, Pa. Preparation for cleaning and polishing silverware. 245,670, renewed Aug. 21, 1948. O. G. Oct. 19. Class 4.
Sessions Clock Company, The, Forestville, Conn. Clocks, clock-movements and parts thereof. 503,248, Oct. 19; Serial No. 543,329, published July 13, 1948. Class 27.
Seymour Wallas & Company, St. Louis, Mo. Bowl covers, electric toaster covers, electric mixer covers, etc. 503,100, Oct. 19; Serial No. 532,647, published July 13, 1948. Class 50.
Shander, Benjamin, by Benjamin Shander Incorporated, Philadelphia, Pa. Ladies' underwear of textile fabric. 263,325, Nov. 5, 1929. Republished Oct. 19. Class 39.
Shander, Benjamin, Incorporated: *See*—
Shander, Benjamin.
Shapleigh Hardware Company, St. Louis, Mo. Elbows, stovepipe; gas, coal, wood, and oil stoves; portable ovens. 503,091, Oct. 19; Serial No. 532,345, published July 20, 1948. Class 34.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Protelnic preparation. 503,199, Oct. 19; Serial No. 539,355, published July 20, 1948. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation useful in the treatment of veterinary uterine and vaginal ailments. 503,279, Oct. 19; Serial No. 548,108, published July 20, 1948. Class 6.
Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Writing fluids. 142,760, May 17, 1921. Republished Oct. 19. Class 11.
Shear-Klean Grate Engineers: *See*—
Kohout, George A.
Shellabarger Mills: *See*—
Shellabarger Mills & Elevator Company.
Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co., to Shellabarger's, Inc., Salina, Kans. Wheat flour. 245,532–4, renewed Aug. 14, 1948. O. G. Oct. 19. Class 46.
Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co., to Shellabarger's, Inc., Salina, Kans. Wheat flour. 245,558, renewed Aug. 14, 1948. O. G. Oct. 19. Class 46.
Shellabarger Mills & Elevator Company, to Shellabarger's, Inc., Salina, Kans. Bread. 247,208, renewed Sept. 25, 1948. O. G. Oct. 19. Class 46.
Shellabarger Mills & Elevator Company, doing business as Shellabarger's Mills, to Shellabarger's, Inc., Salina, Kans. Wheat flour. 247,484, renewed Sept. 25, 1948. O. G. Oct. 19. Class 46.
Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co., to Shellabarger's, Inc., Salina, Kans. Wheat flour. 247,643, renewed Oct. 2, 1948. O. G. Oct. 19. Class 46.
Shellabarger's, Inc.: *See*—
Shellabarger Mills & Elevator Company.
Sherka Chemical Company, Inc., Bloomfield, N. J. Camphor used for medicinal purposes. 503,227, Oct. 19; Serial No. 541,590, published July 20, 1948. Class 6.
Sherwin-Williams Company, The, Cleveland, Ohio. Electrical insulating varnish. 441,128, Oct. 19; Serial No. 524,734, published July 20, 1948. Class 21.
Sightmaster Corp., New York, N. Y. Television receivers. 503,169, Oct. 19; Serial No. 536,843, published July 13, 1948. Class 21.
Siltronic Company: *See*—
Silverman, Ralph.
Silverman, Ralph, doing business as Siltronic Company, Pittsburgh, Pa. Public address equipment and component parts. 441,119, Oct. 19; Serial No. 523,928, published June 29, 1948. Class 21.
Simon Mattress Manufacturing Co., San Francisco, Calif. Mattresses. 222,145, Dec. 21, 1926. Republished Oct. 19. Class 32.
Simons & French Company Incorporated, New York, N. Y., by Dougherty Fruit Growers, Inc., Acampo, Calif. Fresh deciduous fruits, fresh citrus fruits, fresh vegetables, etc. 297,854, Oct. 4, 1932. Republished Oct. 19. Class 46.

Sinclair, John, Limited, Newcastle-on-Tyne, England. Smoking tobacco, cigarettes, and cigars. 251,404, renewed Jan. 8, 1949. O. G. Oct. 19. Class 17.
Sinclair Refining Company, New York, N. Y. Refined, semi-refined, and unrefined oils and greases, etc. 503,230, Oct. 19; Serial No. 541,751, published July 20, 1948. Class 15.
Sisk, A. W., & Son, Aberdeen and Preston, by Albert W. Sisk & Son (1941), Preston, Md. Canned vegetables. 371,696, Oct. 3, 1939. Republished Oct. 19. Class 46.
Sisk, Albert W., & Son (1941): *See*—
Sisk, A. W., & Son.
Skyway Luggage Company: *See*—
Kotkins, Henry L.
Sleepwear, Inc., New York, N. Y. Pajamas. 427,160, Jan. 28, 1947. Republished Oct. 19. Class 39.
Slifka, M., & Sons, Inc., New York, N. Y. Dog collars, harnesses, and leashes. 503,322, Oct. 19; Serial No. 532,880. Class 3.
Smith, Alfred, London, England. Solutions and other preparations for use in waving the hair, etc. 441,129, Oct. 19; Serial No. 524,826, published July 20, 1948. Class 6.
Smith, George E., Coral Gables, Fla. Carrier type radio transmitters and carrier type radio receivers. 503,013, Oct. 19; Serial No. 526,525, published July 6, 1948. Class 21.
Smith, Kenneth, Kansas City, Mo. Golf clubs and parts of golf clubs. 294,136, May 17, 1932. Republished Oct. 19. Class 22.
Smith, Kenneth, Kansas City, Mo. Finished wood and iron golf clubs. 308,967, Dec. 26, 1933. Republished Oct. 19. Class 22.
Smith, Kenneth, Kansas City, Mo. Golf clubs. 327,093, Aug. 13, 1935. Republished Oct. 19. Class 22.
Smith, Kenneth, Lenexa, Kans. Golf clubs and parts thereof. 348,732, Aug. 3, 1937. Republished Oct. 19. Class 22.
Smith, Kenneth, Lenexa, Kans. Golf clubs. 380,121, Aug. 6, 1940. Republished Oct. 19. Class 22.
Smith & Nelson, Inc., Tonasket, Wash. Fresh apples. 394,907, May 5, 1942. Republished Oct. 19. Class 46.
Snap-On Tools Corporation: *See*—
Blue Point Tool Company.
Société A. Crespel: *See*—
Etablissements Agache Societe Anonyme de Perenchies.
Société A. Crespel, Lille, France, to Etablissements Agache Societe Anonyme de Perenchies, Perenchies (Nord), France. Threads. 201,476–7, renewed July 28, 1945. O. G. Oct. 19. Class 43.
Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie, Paris, France. Cordial. 62,370, re-renewed Apr. 30, 1947. O. G. Oct. 19. Class 49.
Société Anonyme des Parfums Weil, Paris, France, by Parfums Weil Paris Co., New York, N. Y. Perfume, face powders, talcum powders, etc. 315,520, July 31, 1934. Republished Oct. 19. Class 6.
Societe Industrielle De Therapeutique Scientifique Appliquee S. I. T. S. A., Societe Anonyme: *See*—
Les Laboratoires Duret & Remy.
Society Brand Clothes, Inc.: *See*—
Alfred Decker & Cohn, Inc.
Son-Chief Electrics, Incorporated, Winsted, Conn. Electrical apparatus. 441,126, Oct. 19; Serial No. 524,574, published July 13, 1948. Class 21.
Son-Chief Electrics, Incorporated, Winsted, Conn. Electrical heating pads for general use. 441,127, Oct. 19; Serial No. 524,575, published July 6, 1948. Class 21.
Sonotone Corporation, Elmsford, N. Y. Mechano-electric energy transducers, etc. 503,241, Oct. 19; Serial No. 542,672, published July 20, 1948. Class 21.
Southern Tulare Olive Marketing Association, Terra Bella, Calif. Olives and olive oil in tin and glass. 409,361, Oct. 3, 1944. Republished Oct. 19. Class 46.
Spacarb, Inc., New York, N. Y. Self-vending, carbonated beverage machines. 432,284, Aug. 26, 1947. Republished Oct. 19. Class 23.
Sparhawk, Charles V., doing business as Sparhawk Company, Sparkill, N. Y. Deodorant compositions. 441,042, Oct. 19; Serial No. 507,662, published July 13, 1948. Class 6.
Sparhawk Company: *See*—
Sparhawk, Charles V.
Special Products Company, Silver Spring, Md. Electrical condensers and microphone stands. 441,024, Oct. 19; Serial No. 494,465, published July 23, 1946. Class 21.
Speidel Corporation: *See*—
Speidel, Edwin F. M.
Speidel Corporation, Providence, R. I. Jewelry. 296,620, Aug. 16, 1932. Republished Oct. 19. Class 28.
Speidel Corporation, Providence, R. I. Bridge score indicators. 319,431, Nov. 27, 1934. Republished Oct. 19. Class 22.
Speidel Corporation, Providence, R. I. Pins, clips, and chains, etc. 353,502, Jan. 11, 1938. Republished Oct. 19. Class 28.
Speidel Corporation, Providence, R. I. Key rings. 383,325, Dec. 3, 1940. Republished Oct. 19. Class 13.
Speidel, Edwin F. M., doing business as Automatic Gold Chain Co., by Speidel Corporation, Providence, R. I. Jewelry. 279,464, Jan. 13, 1931. Republished Oct. 19. Class 28.
Spicer and Company by The Harrower Laboratory, Inc., Glendale, Calif. Preparation for an antigen. 358,137, June 28, 1938. Republished Oct. 19. Class 6.
Stakmore Co., Inc., Owego, N. Y. Folding chairs and tables. 503,017, Oct. 19; Serial No. 526,894, published June 29, 1948. Class 32.
Stamats Publishing Company: *See*—
French-Stamats Company.
Standard Beef Company, The, New Haven, Conn. Canned foods. 503,053, Oct. 19; Serial No. 529,721, published July 20, 1948. Class 46.
Stationers' Guild of America, Philadelphia, Pa. Adding machine ribbons, accounting machine ribbons, calculating machine ribbons, etc. 386,329, Apr. 1, 1941. Republished Oct. 19. Class 11.
Stationers' Guild of America, Philadelphia, Pa. Electric fans and electric desk lamps. 419,590, Feb. 26, 1946. Republished Oct. 19. Class 21.
Stein & Ellbogen Company, Chicago, Ill. Artificial pearls. 503,058, Oct. 19; Serial No. 530,348, published July 6, 1948. Class 28.
Stepan Chemical Company, Chicago, Ill. Synthetic detergent and wetting agent. 503,003, Oct. 19; Serial No. 521,698, published July 13, 1948. Class 4.
Stepan Chemical Company, Chicago, Ill. Compounded, synthetic detergent and wetting agent. 503,004, Oct. 19; Serial No. 521,699, published July 13, 1948. Class 4.
Stern, Louis, Company, Providence, R. I. Rosaries made of precious metal. 441,039, Oct. 19; Serial No. 507,495, published July 6, 1948. Class 28.
Stiefel Medicinal Soap Company: *See*—
McKesson & Robbins, Incorporated.
Straub, Lawrence E., doing business as Superior Products Company, Columbus, Ohio. Liquid chemical for use in removing wallpaper. 503,289, Oct. 19; Serial No. 531,492, published July 13, 1948. Class 6.
Straubel Paper Company, Green Bay, Wis. Paper towels and toilet tissue. 503,016, Oct. 19; Serial No. 526,619, published July 20, 1948. Class 37.
Street & Smith Publications, Inc., New York, N. Y. Column in a periodical published at intervals. 441,092, Oct. 19; Serial No. 518,568, published June 15, 1948. Class 38.
Stuart, Jay W., doing business as De-Oxo-Lin Chemical Products, by O. T. Hodnefield, Los Angeles, Calif. Chemical preparation. 417,132, Oct. 16, 1945. Republished Oct. 19. Class 6.
Studebaker Corporation, The, South Bend, Ind. Automobiles. 503,069, Oct. 19; Serial No. 531,158, published July 6, 1948. Class 19.
Stunzi Sons Silk Company, Inc., New York, N. Y. Artificial-silk crepe in the piece. 252,791, Feb. 12, 1929. Republished Oct. 19. Class 42.
Sun Oil Company, Philadelphia, Pa. Machinery lubricating oil. 441,043, Oct. 19; Serial No. 508,623, published June 22, 1948. Class 15.
Sun-Maid Raisin Growers of California, Fresno, Calif. Fresh grapes. 252,223–4, renewed Jan. 29, 1949. O. G. Oct. 19. Class 46.
Sunny State Liquor Company: *See*—
Anchor Liquor Company.
Superior Leather Goods Co.: *See*—
Berkeley, Charles.
Superior Products Company: *See*—
Straub, Lawrence E.
Swank, Inc., Attleboro, Mass. Wallets or billfolds. 503,150, Oct. 19; Serial No. 535,757, published June 22, 1948. Class 3.
Swank, Inc., Attleboro, Mass. Wallets or billfolds. 503,151, Oct. 19; Serial No. 535,766, published June 22, 1948. Class 3.
Swift & Company, Chicago, Ill. Fungicides, namely, dusting sulphur. 441,037, Oct. 19; Serial No. 507,084, published July 20, 1948. Class 6.
Talge, Foster L., by Rival Manufacturing Company, Kansas City, Mo. Electric broilers. 375,699, Feb. 27, 1940. Republished Oct. 19. Class 21.
Tanglefoot Company, The: *See*—
Thum, O. & W., The.
Tanglefoot Company, The, Grand Rapids, Mich. Electrically heated atomizer. 424,466, Oct. 8, 1946. Republished Oct. 19. Class 21.
Tanglefoot Company, The, Grand Rapids, Mich. Insecticides. 430,267, June 10, 1947. Republished Oct. 19. Class 6.
Tel-A-Frend Hosiery Co., Wyncote, Pa. Ladies' full fashioned silk, nylon, and rayon hosiery. 406,801, Apr. 25, 1944. Republished Oct. 19. Class 39.
Tel-A-Key Company: *See*—
Falk, Clarence.
Tex Tan of Yoakum, Yoakum, Tex. Certain leather manufactures. 503,153, Oct. 19; Serial No. 535,895, published June 8, 1948. Class 3.
Thamm, Joseph, New York, N. Y. Polishing compound for white, hard, enameled surfaces. 503,311, Oct. 19; Serial No. 515,729. Class 4.
Thermoid Company, Trenton, N. J. Transmission belting. 503,234, Oct. 19; Serial No. 541,983, published July 20, 1948. Class 35.
Therm-O-Larm Corporation: *See*—
White, Herbert E.
Thomas, Arthur H., Company, Philadelphia, Pa. Chemical compounds. 213,829, June 8, 1926. Republished Oct. 19. Class 6.

Thompson Horticultural Chemicals Corp., Los Angeles, Calif. Sprout inhibitor for potatoes and other root crops. 503,317, Oct. 19; Serial No. 525,710. Class 6.
Thompson, William L., Co., Phoenix, Ariz., and Fort Garland, Colo., by Harry Reimer and Company, Phoenix, Ariz. Fresh vegetables. 370,789, Sept. 5, 1939. Republished Oct. 19. Class 46.
Thompson, Wm. T., doing business as Wm. T. Thompson Company, Los Angeles, Calif. Protein hydrolacy product. 441,021, Oct. 19; Serial No. 493,465, published July 8, 1947. Class 6.
Thompson, Wm. T., Company: *See*—
Thompson, Wm. T.
Thonet Brothers, Inc., New York, N. Y. Furniture. 433,309, Oct. 7, 1947. Republished Oct. 19. Class 32.
Threadgill, William L., Rockford, Ill. Medicinal preparations. 441,041, Oct. 19; Serial No. 507,551, published July 20, 1948. Class 6.
Thum, O. & W., The, doing business as The Tanglefoot Company, by The Tanglefoot Company, Grand Rapids, Mich. Insecticide. 313,345, May 22, 1934. Republished Oct. 19. Class 6.
Timber Engineering Company, Washington, D. C. Lumber and fabricated metal joints. 307,738, Oct. 31, 1933. Republished Oct. 19. Class 12.
Timber Engineering Company, Washington, D. C. Termite shields. 386,736, Apr. 22, 1941. Republished Oct. 19. Class 12.
Timber Engineering Company, Washington, D. C. Load distributing metal connectors. 395,997, June 23, 1942. Republished Oct. 19. Class 13.
Timber Engineering Company, Washington, D. C. Fastenings made of wood employed in timber connections. 409,317, Oct. 3, 1944. Republished Oct. 19. Class 12.
Timber Engineering Company, Washington, D. C. Spacing and reinforcing elements. 418,800, Jan. 15, 1946. Republished Oct. 19. Class 12.
Tip-Top Products Company, Omaha, Nebr. Adhesive cement. 503,163, Oct. 19; Serial No. 536,464, published July 20, 1948. Class 5.
Toledo Heater Company, Toledo, Ohio. Oil fired heating equipment. 503,312, Oct. 19; Serial No. 518,491. Class 34.
Tolerton & Warfield Company, Sioux City, Iowa. Peanut butter, cane and maple syrups, honey, etc. 394,716, Apr. 28, 1942. Republished Oct. 19. Class 46.
Tradio, Inc., Deal, N. J. Electrical equipment. 441,108, Oct. 19; Serial No. 522,339, published July 13, 1948. Class 21.
Transportation Publishing and Research Corporation, Jackson Heights, N. Y. Publication issued periodically. 503,295, Oct. 19; Serial No. 500,332. Class 38.
Tremco Manufacturing Company, The, Cleveland, Ohio. Mastic compound. 403,130, Sept. 7, 1943. Republished Oct. 19. Class 12.
Triangle Publications, Inc., Philadelphia, Pa. Newspaper articles and columns. 503,034, Oct. 19; Serial No. 528,832, published July 6, 1948. Class 38.
Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Children's play pens. 503,135, Oct. 19; Serial No. 534,840, published July 20, 1948. Class 32.
Trimcrest Corporation, New York, by Rainbow Shops, Inc., Brooklyn, N. Y. Ladies' slips and nightgowns. 418,561, Jan. 1, 1946. Republished Oct. 19. Class 39.
Truemper, John C., doing business as American Tent & Awning Co., Indianapolis, Ind. Fabric cement. 503,212, Oct. 19; Serial No. 540,484, published July 20, 1948. Class 5.
Tung-Sol Lamp Works, Inc., Newark, N. J. Technical data publications. 441,094, Oct. 19; Serial No. 518,706, published July 13, 1948. Class 38.
Turner, Oscar A., doing business as Fabritecture Studio, Chicago, Ill. Finished, cut, reticulated foraminous or perforated stencils. 441,026, Oct. 19; Serial No. 498,328, publishd July 27, 1948. Class 37.
Union Oil Company of California, Los Angeles, Calif. Lubricating greases. 502,990, Oct. 19; Serial No. 506,906, published June 29, 1948. Class 15.
Un'que Cosmetics, Inc., Binghamton, N. Y. Toilet cream. 503,165, Oct. 19; Serial No. 536,565, published July 20, 1948. Class 6.
United Breweries Company, by Monarch Brewing Company, Chicago, Ill. Beer. 111,857, Aug. 8, 1916. Republished Oct. 19. Class 48.
United Drug Company, Boston, Mass., to Rexall Drug Company, Los Angeles, Calif. Medicinal preparation. 247,285, renewed Sept. 25, 1948. O. G. Oct. 19. Class 6.
United States Printing & Lithograph Company, The, Norwood, Ohio. Printed labels for packaged foods. 503,280, Oct. 19. Serial No. 548,431, published July 6, 1948. Class 38.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. 441,111–13, Oct. 19; Serial Nos. 523,125–7, published July 13, 1948. Class 6.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. 503,257–8, Oct. 19; Serial Nos. 543,851–2, published July 20, 1948. Class 6.
Vacuum Cleaner Corporation of America, The, Philadelphia, Pa. Electrical vacuum cleaners, handles therefor and parts thereof. 318,396, Oct. 23, 1934. Republished Oct. 19. Class 21.
Vanadium Corporation of America, Bridgeville, Pa., to Vanadium Corporation of America, New York, N. Y. Alloys. 246,056, renewed Aug. 28, 1948. O. G. Oct. 19. Class 14.
Van-Barry Manufacturing Company, Culver City, Calif. Safes and strong boxes. 503,063, Oct. 19; Serial No. 530,874, published June 8, 1948. Class 25.
Vendo Company, The, Kansas City, Mo. Coin changing machines. 384,527, Jan. 21, 1941. Republished Oct. 19. Class 26.
Vento Steel Sash Company, Muskegon Heights, Mich., by Jacob Wendling, Buffalo, N. Y. Windows and window sashes. 224,213, Feb. 22, 1927. Republished Oct. 19. Class 12.
Vernet, Waldemar, to Whitehall Pharmacal Company, New York, N. Y. Rubber sponges. 248,146, renewed Oct. 16, 1948. O. G. Oct. 19. Class 1.
Virchaux, Charles, successeur de Francois Hugenin: *See*—
Virchaux, Charles.
Virchaux, Charles, doing business as Charles Virchaux successeur de Francois Hugenin, La Chaux-De-Fonds, Switzerland. Watches, parts of watches, and watch-cases. 441,118, Oct. 19; Serial No. 523,812, published July 6, 1948. Class 27.
Virginia-Carolina Chemical Corporation, Richmond, Va. Synthetic protein fiber. 503,085, Oct. 19; Serial No. 532,181, published May 18, 1948. Class 1.
Vogue Luggage Co.: *See*—
Mendelson, Daniel H.
Wagner, Edward L. A., New York, N. Y. Newspaper section or department. 502,993, Oct. 19; Serial No. 509,112, published June 15, 1948. Class 38.
Wahl, Pierre Geneva, Switzerland. Watches. 441,133, Oct. 19; Serial No. 525,989, published July 6, 1948. Class 27.
Waldes Kohinoor Inc., Long Island City, N. Y. Snap fasteners; snap fastener tape; safeseals. 503,105, Oct. 19; Serial No. 532,941, published July 13, 1948. Class 40.
Walker, Madam C. J., Mfg. Co., The, Indianapolis, Ind. Scalp ointment. 441,135, Oct. 19; Serial No. 507,443. Class 6.
Waltham Watch Company, Waltham, Mass. Watches. 441,051–2, Oct. 19; Serial Nos. 510,555–6, published July 6, 1948. Class 27.
Ward, Samuel, Manufacturing Co., Boston, Mass. Writing cases and portfolios. 234,098, Oct. 18, 1927. Republished Oct. 19. Class 3.
Warner, William R., & Co., Inc., New York, N. Y. Penicillin preparation. 503,276, Oct. 19; Serial No. 547,078, published July 20, 1948. Class 6.
Warren, S. D., Company, Boston, Mass. Interleaving paper. 503,290, Oct. 19; Serial No. 552,331, published July 13, 1948. Class 37.
Washing Fluid Chemical Co., to Hood Chemical Co., Inc., Pittsburgh, Pa. Chemical bleaching and washing fluid. 244,561, renewed July 24, 1948. O. G. Oct. 19. Class 6.
Washington Stove Works, The, Everett, Wash. Circulating space heaters, stoves, wood and coal ranges, etc. 503,033, Oct. 19; Serial No. 528,751, published July 6, 1948. Class 34.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Welding electrodes, welding, brazing, and soldering rods and wires, etc. 408,653, Aug. 22, 1944. Republished Oct. 19. Class 14.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Metallic welding, brazing, and soldering rods, wires, bars, etc. 409,730, Oct. 17, 1944. Republished Oct. 19. Class 14.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Chemical flux composition. 410,922, Dec. 26, 1944. Republished Oct. 19. Class 6.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Chemical flux composition. 415,433, Aug. 7, 1945. Republished Oct. 19. Class 6.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Welding electrodes, welding, brazing, and soldering overlay alloys, etc. 416,708, Sept. 25, 1945. Republished Oct. 19. Class 14.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Welding electrodes, welding, brazing, and soldering overlay alloys, etc. 416,970, Oct. 9, 1945. Republished Oct. 19. Class 14.
Weinerth Knitting & Machine Company, Inc., by Laurel Hosiery Company, Reading, Pa. Ladies' hosiery. 189,263, Sept. 16, 1924. Republished Oct. 19. Class 39.
Weinerth Knitting & Machine Company, by Laurel Hosiery Company, Reading, Pa. Knitted underwear and hosiery for men, women, and children. 252,197, Jan. 29, 1929. Repnblished Oct. 19. Class 39.
Weiss, Albert, & Co., New York, N. Y. Jewelry. 503,146–7, Oct. 19; Serial Nos. 535,440–1, published July 6, 1948. Class 28.
Weldon, Williams & Lick, Inc., Fort Smith, Ark. Theatre tickets 503,330, Oct. 19; Serial No. 545,921. Class 38.
Wells, S. C., and Company, Le Roy, N. Y. Herb tea. 250,561, renewed Dec. 11, 1948. O. G. Oct. 19. Class 6.
Wendling, Jacob: *See*—
Vento Steel Sash Company.

Wesley, Edward, & Company, Cincinnati, Ohio, to Whitehall Pharmacal Company New York, N. Y. Hair-combing liquid. 248,230, renewed Oct. 16, 1948. O. G. Oct. 19. Class 6.

West Disinfecting Company, Long Island City, N. Y. Cleaning preparation. 503,286, Oct. 19; Serial No. 549,032, published July 20, 1948. Class 4.

West Colorado Pickle Co., Grand Junction, Colo. Pickles. 441,102, Oct. 19; Serial No. 521,548, published July 20, 1948. Class 46.

Western Auto Stores: *See*—
Western Auto Supply Company, The.

Western Auto Supply Company: *See*—
Western Auto Supply Company, The.

Western Auto Supply Company, The, doing business as Western Auto Stores, and as The Western Auto Supply Company, Kansas City, Mo. Paint in dry form. 369,790, Aug. 1, 1939. Republished Oct. 19. Class 16.

Western Lime Stone Products Company, Omaha, Nebr.: by Calcium Carbonate Company, Chicago, Ill. Pulverized limestone. 251,580, Jan. 8, 1929. Republished Oct. 19. Class 46.

Western States Envelope Co., Milwaukee, Wis. Envelopes. 108,145, Jan. 18, 1916. Republished Oct. 19. Class 37.

Whisk Co. of New York, Inc., New York, N. Y. Cleanser in granular form for general washing purposes. 441,100. Oct. 19; Serial No. 520,915, published Sept. 2, 1947. Class 4.

White Engineering Company: *See*—
White, Herbert E.

White, Herbert E., doing business as White Engineering Company, Windsor, assignor to Therm-O-Larm Corporation, Cleveland Heights, Ohio. Thermostatic switch with attendant wiring. 441,047, Oct. 19; Serial No. 510,219, published July 13, 1948. Class 21.

White, J. J., Manufacturing Co., Providence, R. I. Jewelry. 503,245, Oct. 19; Serial No. 543,040, published June 29, 1948. Class 28.

White Laboratories, Inc., Newark, N. J. Medicated throat troches or lozenges. 503,287, Oct. 19; Serial No. 550,571, published July 13, 1948. Class 6.

White & Wyckoff Mfg. Co., Holyoke, Mass. Writing and printing paper and mailing envelopes in packages. 284,475, June 30, 1931. Republished Oct. 19. Class 37.

White & Wyckoff Mfg. Co., Riverside, Mass. Price book fillers, loose-leaf fillers, typewriter paper, etc. 290,801, Jan. 19, 1932. Republished Oct. 19. Class 37.

White & Wyckoff Mfg. Co., Holyoke and Riverside, Mass. Writing and printing paper, mailing envelopes, papeteries, etc. 293,679, May 3, 1932. Republished Oct. 19. Class 37.

White & Wyckoff Mfg. Co., Holyoke and Riverside, Mass. Writing and printing paper and papeteries. 296,025, July 19, 1932. Republished Oct. 19. Class 37.

White & Wyckoff Mfg. Co., Holyoke, Mass. Printing machine. 313,287, May 22, 1934. Republished Oct. 19. Class 23.

White & Wyckoff Mfg. Co., Holyoke, Mass. Writing paper tablets, composition books, notebooks, etc. 323,565, Apr. 23, 1935. Republished Oct. 19. Class 37.

White & Wyckoff Mfg. Co., Holyoke, Mass. Greeting cards. 388,912, July 15, 1941. Republished Oct. 19. Class 38.

White & Wyckoff Mfg. Co., Holyoke, Mass. Greeting cards. 426,036–7, Dec. 10, 1946. Republished Oct. 19. Class 38.

White & Wyckoff Mfg. Co., Holyoke, Mass. Greeting cards. 426,039, Dec. 10, 1946. Republished Oct. 19. Class 38.

Whitehall Pharmacal Company: *See*—
Vernet, Waldemar.
Wesley, Edward, & Company.

Whitlock, T. C., Winston-Salem, N. C. Preparation for removing dandruff, etc. 282,522, Apr. 21, 1931. Republished Oct. 19. Class 6.

Wielands Incorporated: *See*—
San Francisco Breweries Ltd., The.

Wilkins, E. J., Company, Gloversville, N. Y. Pocketbooks. 503,032, Oct. 19; Serial No. 528,666, published June 8, 1948. Class 3.

Will, Oscar H., & Co., Bismarck, N. Dak. Periodicals issued annually. 138,370, Dec. 21, 1920. Republished Oct. 19. Class 38.

Wilson Sporting Goods Co.: *See*—
General Sports, Inc.

Windsor Automatic Company, Inc., Windsor Vt., by The Billings & Spencer Company, Hartford, Conn. Screw machine. 339,979, Oct. 27, 1936. Republished Oct. 19. Class 23.

Wingback Company: *See*—
McCann, Judith.

Winget Kickernick Company, to Kickernick, Inc., Minneapolis, Minn. Pajamas. 252,180, renewed Jan. 29, 1949. O. G. Oct. 19. Class 39.

Winne, Frank W., & Son, Inc., Philadelphia, Pa. Cotton rope, manila rope, hemp twine, etc. 503,221, Oct. 19; Serial No. 541,241, published June 15, 1948. Class 7.

Winne, Frank W., & Son, Inc., Philadelphia, Pa. Sash cord, clotheslines and cotton twine. 503,222, Oct. 19; Serial No. 541,242, published June 15, 1948. Class 7.

Winne, Frank W., & Son, Inc., Philadelphia, Pa. Clotheslines and cotton twine. 503,223, Oct. 19; Serial No. 541,243, published June 15, 1948. Class 7.

Winthrop-Stearns Inc.: *See*—
Farbwerke, Vormals M., Lucius and Bruning.

Withers, Lottie F., Oakland, Calif. Broken electric wire repair sleeves. 312,917, May 15, 1934. Republished Oct. 19. Class 21.

Wolff Frères, Inc., New York, N. Y. Perfumes, eau de cologne, bath salts, etc. 503,288, Oct. 19; Serial No. 551,176, published July 20, 1948. Class 6.

Wood, C. Wilson, doing business as L. K. Mallinckrodt, assignor to L. K. Mallinckrodt, Inc., Baltimore, Md. Wrapping paper, toilet paper, paper towels, etc. 441,013, Oct. 19; Serial No. 467,631, published July 13, 1948. Class 37.

Wright & Lawrence Laboratories, Inc., Chicago, Ill. Skin lotion, cleansing cream, foundation cream, etc. 503,162, Oct. 19; Serial No. 536,329, published June 22, 1948. Class 6.

Wright, William E., & Sons Company, West Warren, Mass. Tapes used for dress trimmings. 503,305, Oct. 19; Serial No. 509,903. Class 40.

Wyeth Incorporated, Philadelphia, Pa. Preparation of amino acids and polypeptides. 503,140, Oct. 19; Serial No. 535,208, published June 29, 1948. Class 6.

Wyeth Incorporated, Philadelphia, Pa. Protein hydrolysate compound. 503,166, Oct. 19; Serial No. 536,573, published July 20, 1948. Class 6.

Wyeth Incorporated, Philadelphia, Pa. Antibiotic in injectible dosage form. 503,247, Oct. 19; Serial No. 543,248, published July 20, 1948. Class 6.

Yarrow, Joseph S., New York, N. Y. Electric lights. 503,294, Oct. 19; Serial No. 498,742. Class 21.

Zapon Company, The, by Atlas Powder Company, Wilmington, Del. Waterproof textile fabrics. 272,569, July 8, 1930. Republished Oct. 19. Class 42.

Zapon Company, The, by Atlas Powder Company, Wilmington, Del. Lacquers, paint thinners, and/or lacquer thinners. 299,327, Nov. 29, 1932. Republished Oct. 19. Class 16.

Zinn, O. E., doing business as Zinn Paint Company, Washington, D. C., and Henry, Va. Paints in dry, paste and ready mixed forms, and painters' materials. 441,136, Oct. 19; Serial No. 520,138. Class 16.

Zinn Paint Company: *See*—
Zinn, O. E.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Cherokee Coal Company. 389,219, July 29, 1941. Republished Oct. 19.

Coal. Cherokee Coal Company. 391,594, Nov. 18, 1941. Republished Oct. 19.

Coal. Grapevine Coal Company. 396,832, Aug. 4, 1942. Republished Oct. 19.

Coal. Moline Consumers Company. 228,253, May 24, 1927. Republished Oct. 19.

Coal. Payne Coal Company, Inc. 503,172, Oct. 19; Serial No. 537,077, published July 13, 1948.

Coal. Princess Elkhorn Coal Company. 391,659, Nov. 18, 1941. Republished Oct. 19.

Coal. Roden Coal Company. 441,059, Oct. 19; Serial No. 511,503, published July 13, 1948.

Condensation products, Combined vulcanized fiber and phenolic. Diamond State Fibre Company. 185,279, June 10, 1924. Republished Oct. 19.

Fibers, Artificial, such as cellulose fiber, protein fiber (e. g. milk wool), cut artificial silk, etc. Algemeene Kunstzijde Unie, N. V. 441,120–4, Oct. 19; Serial Nos. 524,031–5, published July 13, 1948.

Leather. B. D. Eisendrath Tanning Co. 503,171, Oct. 19; Serial No. 537,024, published July 13, 1948.

Leather in the piece, Lace. J. E. Rhoads & Sons. 250,308, renewed Dec. 4, 1948. O. G. Oct. 19.

Monosaccharide, Highly refined. Corn Products Refining Company. 418,198, Dec. 11, 1945. Republished Oct. 19.

Protein fiber, Synthetic. Virginia-Carolina Chemical Corporation. 503,085, Oct. 19; Serial No. 532,181, published May 18, 1948.

Resinous materials in solid form and/or in solutions, Synthetic. Resinous Products & Chemical Company. 502,992, Oct. 19; Serial No. 507,848, published July 20, 1948.

Rubber latex, Vulcanized or partly vulcanized. W. MacPherson. 256,917, May 28, 1929. Republished Oct. 19.

Sponges, Rubber. W. Vernet. 248,146, renewed Oct. 16, 1948. O. G. Oct. 19.

CLASS 2

Cans, Oil. F. I. Jaden. 246,697, renewed Sept. 11, 1948. O. G. Oct. 19.

Tanks, Air compressor Champion Pneumatic Machinery Company. 216,393, Aug. 10, 1926. Republished Oct. 19.

Trays for trucks, Package. American Pulley Company. 277,655, Nov. 25, 1930. Republished Oct. 19.

CLASS 3

Cases and portfolios, Writing. Samuel Ward Manufacturing Co. 234,098, Oct. 18, 1927. Republished Oct. 19.

Cases, Key. Future Products, Inc. 503,264, Oct. 19; Serial No. 545,125, published July 6, 1948.

Cases, Key, purses, billfolds, pocketbooks, and pocket cases. Buxton, Incorporated. 503,325, Oct. 19; Serial No. 543,419.

Cases, Ladies' and misses' fitted (overnight). S. Dresner & Son, Inc. 502,997, Oct. 19; Serial No. 514,942, published July 27, 1948.

Collars, Dog, harnesses, and leashes. M. Slifka & Sons, Inc. 503,322, Oct. 19; Serial No. 532,880.

Handbags. Mutual Buying Syndicate, Inc. 503,088, Oct. 19; Serial No. 532,327, published June 29, 1948.

Handbags, billfolds, shoe and hat bags, etc. Delman, Inc. 502,986–7, Oct. 19; Serial Nos. 503,433–4, published June 22, 1948.

Handbags for physicians, Leather. G. Kruse & Company. 503,116, Oct. 19; Serial No. 533,322, published June 29, 1948.

Handbags, Ladies' and misses'. Gaybrand Bags, Inc. 503,220, Oct. 19; Serial No. 541,127, published June 15, 1948.

Handbags, traveling bags, suitcases, etc. Fran-Stef Mfg. Co. 441,086, Oct. 19; Serial No. 516,764, published June 8, 1948.

Harness, harness parts, riding-saddles, etc. Marshall-Wells Hardware Co. 71,595, re-renewed Dec. 1, 1948. O. G. Oct. 19.

Harness sweat pads. Oakes & Company. 441,132, Oct. 19; Serial No. 525,379, published Nov. 18, 1947.

Leather goods, Personal. C. Berkeley. 441,049, Oct. 19; Serial No. 510,476, published June 22, 1948.

Leather manufactures, Certain. Tex Tan of Yoakum. 503,153, Oct. 19; Serial No. 535,895, published June 8, 1948.

Luggage. American Hardware Company, Inc. 503,101, Oct. 19; Serial No. 532,674, published June 22, 1948.

Luggage. D. H. Mendelson. 503,232, Oct. 19; Serial No. 541,856, published June 15, 1948.

Luggage and carrying cases. Schell Leather Goods Co., Inc. 441,082, Oct. 19; Serial No. 516,223, published June 15, 1948.

Pocketbooks. E. J. Wilkins Company. 503,032, Oct. 19; Serial No. 528,666, published June 8, 1948.

Suitcases. Abei & Bach, Inc. 503,255, Oct. 19; Serial No. 543,676, published July 6, 1948.

Suitcases, hand luggage cases, and wardrobe suitcases. Hartmann Company. 503,203, Oct. 19; Serial No. 539,876, published June 15, 1948.

Suitcases, hand luggage cases equipped with garment carrying fixtures, and wardrobe cases. Hartmann Company. 503,256, Oct. 19; Serial No. 543,712, published July 6, 1948.

Suitcases, traveling bags, portfolios, etc. Likly Luggage Co., Inc. 503,267, Oct. 19; Serial No. 545,268, published July 27, 1948.

Trunks, dress suitcases, handbags, etc. H. L. Kotkins. 503,005, Oct. 19; Serial No. 521,813, published July 20, 1948.

Trunks, suitcases, wardrobe bags, etc. Desmond's. 380,671, Aug. 27, 1940. Republished Oct. 19.

Wallets, billfolds, purses, etc. Aristocrat Leather Products, Inc. 503,266, Oct. 19; Serial No. 545,214, published July 27, 1948.

Wallets or billfolds. Swank, Inc. 503,150, Oct. 19; Serial No. 535,757, published June 22, 1948.

Wallets or billfolds. Swank, Inc. 503,151, Oct. 19; Serial No. 535,766, published June 22, 1948.

CLASS 4

Belt-dressing. Charles A. Schieren Company. 72,420, re-renewed Jan. 26, 1949. O. G. Oct. 19.

Cleaner, General household. Morton S. Pine Company. 417,921, Nov. 20, 1945. Republished Oct. 19.

Cleaning aid of the neutral detergent type, Wet. Patek and Co. 432,633, Sept. 9, 1947. Republished Oct. 19.

Cleaning preparation. West Disinfecting Company. 503,286, Oct. 19; Serial No. 549,032, published July 20, 1948.

Cleanser in granular form for general washing purposes. Whisk Co. of New York, Inc. 441,100, Oct. 19; Serial No. 520,915, published Sept. 2, 1947.

Detergent and wetting agent, Compounded, synthetic. Stepan Chemical Company. 503,004, Oct. 19; Serial No. 521,699, published July 13, 1948.

Detergent and wetting agent, Synthetic. Stepan Chemical Company. 503,003, Oct. 19; Serial No. 521,698, published July 13, 1948.

Dressing and preservative for leather, rubber, canvas, etc. Chicago Belting Company. 135,412, Oct. 12, 1920. Republished Oct. 19.

Dressing for leather or canvas belts. Chicago Belting Company. 178,564, Jan. 15, 1924. Republished Oct. 19.

Polishing compound for white, hard, enameled surfaces. J. Thamm. 503,311, Oct. 19; Serial No. 515,729.

Polishing tissues, Silicone treated. Dow Corning Corporation. 441,107, Oct. 19; Serial No. 522,011, published July 20, 1948.

Preparation for cleaning and polishing silverware. Service Products, Incorporated. 245,670, renewed Aug. 21, 1948. O. G. Oct. 19.

Preparation for washing and cleaning the hair and for general household and laundry washing and cleaning purposes. Buscarlet Glove Company, Inc. 503,321, Oct. 19; Serial No. 532,801.

Sanding kits. Delta Manufacturing Company. 419,657, Feb. 26, 1946. Republished Oct. 19.

Scythe-stones, razor-hones, sandpaper, etc. Marshall-Wells Hardware Co. 71,386, re-renewed Nov. 24, 1948. O. G. Oct. 19.

Silicate of soda and silicate of potash. Philadelphia Quartz Company. 414,766, June 26, 1945. Republished Oct. 19.

Soap. Armour and Company. 503,206, Oct. 19; Serial No. 540,021, published July 20, 1948.

Soap. Armour and Company. 503,281, Oct. 19; Serial No. 548,466, published July 13, 1948.

Soap. Fels & Company. 503,332, Oct. 19; Serial No. 549,723.

Soap. Los Angeles Soap Company. 308,572, Dec. 12, 1933. Republished Oct. 19.

Soap. Mexican Amole Soap Co. 61,635, Apr. 2, 1907. Republished Oct. 19.

Soap flakes; cream metal polish, powdered cleanser. Chicago Sanitary Products Co. 503,071, Oct. 19; Serial No. 531,196, published July 13, 1948.

Soap, Laundry. Los Angeles Soap Company. 311,598, Mar. 27, 1934. Republished Oct. 19.

Soap, soap powders, household cleansers, etc. E. A. Meyer. 333,677, Mar. 31, 1936. Republished Oct. 19.

Synthetic preparation. Rosenthal-Bercow Co., Inc. 503,122, Oct. 19; Serial No. 533,784, published June 1, 1948.

CLASS 5

Adhesive comprised in whole or in part of silicate of soda. Philadelphia Quartz Company. 355,409–10, Mar. 15, 1938. Republished Oct. 19.

Cement, Adhesive. Tip-Top Products Company. 503,163, Oct. 19; Serial No. 536,464, published July 20, 1948.

Cement, Fabric. J. C. Truemper. 503,212, Oct. 19; Serial No. 540,484, published July 20, 1948.

Cements. Boyle-Midway Inc. 503,204, Oct. 19; Serial No. 539,934, published July 20, 1948.

Core binders, Cereal. Corn Products Refining Company. 389,293, July 29, 1941. Republished Oct. 19.

Glue. Perkins Glue Company. 503,208, Oct. 19; Serial No. 540,199, published July 20, 1948.

Silicate of soda. Philadelphia Quartz Company. 340,932, Nov. 24, 1936. Republished Oct. 19.

Silicate of soda. Philadelphia Quartz Company. 351,045, Oct. 19, 1937. Republished Oct. 19.

Tape, Friction. Plymouth Rubber Company, Inc. 503,216–17, Oct. 19; Serial Nos. 540,868–9, published July 20, 1948.

Tape, Gummed. McLaurin-Jones Co. 503,136, Oct. 19; Serial No. 534,907, published July 20, 1948.

CLASS 6

Acetyl tributyl citrate, acetyl triethyl citrate, acetyl tripropyl citrate, etc. Chas. Pfizer & Co., Inc. 503,018, Oct. 19; Serial No. 526,922, published July 20, 1948.

Ammonium sulphate. Jones & Laughlin Steel Corporation. 503,029, Oct. 19; Serial No. 528,488, published July 6, 1948.

Anesthetic, Local. Farbwerke, Vormals Meister, Lucius & Brüning. 32,210, re-renewed Dec. 6, 1948. O. G. Oct. 19.

Antibiotic in injectible dosage form. Wyeth Incorporated. 503,247, Oct. 19; Serial No. 543,248, published July 20, 1948.

Anti-freeze compound. Fleet Oil Company. 503,200, Oct. 19; Serial No. 539,509, published July 6, 1948.

Anti-freeze solution, radiator flush, radiator stop leak, etc. Goodyear Tire & Rubber Company. 503,031, Oct. 19; Serial No. 528,623, published July 6, 1948.

Astringent. Parke, Davis & Company. 248,114, renewed Oct. 16, 1948. O. G. Oct. 19.

Bile salts compound. Harrower Laboratory, Inc. 322,172, Feb. 26, 1935. Republished Oct. 19.

Bleaching and washing fluid, Chemical. Washing Fluid Chemical Co. 244,561, renewed July 24, 1948. O. G. Oct. 19.

Blue, Liquid laundry. Patek and Co. 502,989, Oct. 19; Serial No. 505,920, published July 20, 1948.

Bluing solution, Gun. W. G. Scroxton. 441,104, Oct. 19; Serial No. 521,615, published July 20, 1948.

Calcium lignosulfonate used as additive for cements and ceramics, Basic. Marathon Corporation. 503,190, Oct. 19; Serial No. 538,649, published June 29, 1948.

Camphor used for medicinal purposes. Sherka Chemical Company, Inc. 503,227, Oct. 19; Serial No. 541,590, published July 20, 1948.

Chemical composition in powdered form for killing snails and cutworms. Destruxol Corporation, Ltd. 503,084, Oct. 19; Serial No. 532,125, published July 20, 1948.
Chemical compounds. Arthur H. Thomas Company. 213,829, June 8, 1926. Republished Oct. 19.
Chemical compounds in liquid form. International Rustproof Corporation. 503,207, Oct. 19; Serial No. 540,073, published July 20, 1948.
Chemical flux composition. R. D. Wasserman. 410,922, Dec. 26, 1944. Republished Oct. 19.
Chemical flux composition. R. D. Wasserman. 415,433, Aug. 7, 1945. Republished Oct. 19.
Chemical for cleaning sandpaper, sanding belts, and discs, etc. Moline Paint Mfg. Co. 503,314, Oct. 19; Serial No. 521,270.
Chemical preparation having fireproofing and fireretarding properties. J. W. Stuart. 417,132, Oct. 16, 1945. Republished Oct. 19.
Chemical preparations for exterminating weeds. American Chemical Paint Company. 503,055, Oct. 19; Serial No. 529,849, published July 20, 1948.
Chemical substance. Parke, Davis & Company. 249,098, renewed Nov. 20, 1948. O. G. Oct. 19.
Chemical toxicants. Monsanto Chemical Company. 441,097, Oct. 19; Serial No. 519,484, published Oct. 14, 1947.
Coating compounds, Chemical plastic. Industrial Lining Engineers, Inc. 441,105, Oct. 19; Serial No. 521,890, published July 13, 1948.
Colloidal metal preparations. Heyden Chemical Corporation. 503,001, Oct. 19; Serial No. 517,576, published July 6, 1948.
Colloidal solution comprising an oxide of silicon in water. E. I. du Pont de Nemours and Company. 503,253, Oct. 19; Serial No. 543,577, published July 20, 1948.
Compacts, Filled. Coty, Inc. 503,185, Oct. 19; Serial No. 538,103, published June 22, 1948.
Composition of strong mineral acids. Pennsylvania Salt Manufacturing Company. 441,026, Oct. 19; Serial No. 507,018, published July 13, 1948.
Compound to be used as a cough syrup and an herb and vitamin compound for use as a tonic. J. E. Respondek. 503,145, Oct. 19; Serial No. 535,428, published July 20, 1948.
Compounds for processing pure silk. E. F. Houghton & Co 232,309, Sept. 6, 1927. Republished Oct. 19.
Conditioners and medicinal preparations for poultry and pigs. Poultry and pig. Rob Martin (Export) Limited. 503,026, Oct. 19; Serial No. 528,424, published July 20, 1948.
Cortex and thyroid extracts, Combination of orally active adrenal. Harrower Laboratory, Inc. 403,360, Sept. 21, 1943. Republished Oct. 19.
Cough and croup remedy. Glessner Company. 503,192, Oct. 19; Serial No. 538,751, published July 6, 1948.
Cream for treatment, or relief, of diaper rash. J. S. Johnson. 503,215, Oct. 19; Serial No. 540,820, published July 20, 1948.
Cure for piles. Pineule Medicine Co. 45,170, Aug. 8, 1905. New certificate. O. G. Oct. 19.
Deodorant compositions. C. V. Sparhawk. 441,042, Oct. 19; Serial No. 507,662, published July 13, 1948.
Derivatives of hexahydric alcohols and inner ethers thereof. 365,915, Mar. 21, 1939. Republished Oct. 19.
Dextrose, Pure crystallized. Corn Products Refining Company. 314,254, June 26, 1934. Republished Oct. 19.
Disinfectant and pine oil disinfectant. Great American Tea Company. 503,269, Oct. 19; Serial No. 545,845, published July 6, 1948.
Drying oil. Brown Oil & Chemical Corp 503,187, Oct. 19; Serial No. 538,492, published July 20, 1948.
Dye stuff for fabrics. R. Q. Martinez. 503,310, Oct. 19; Serial No. 515,319.
Eau de cologne. Countess Mara Incorporated. 503,087, Oct. 19; Serial No. 532,313, published July 20, 1948.
Embalming fluid. Embalmers' Supply Co. 503,320, Oct. 19; Serial No. 532,576.
Emulsion. Parke, Davis & Company. 251,074, renewed Dec. 25, 1948. O. G. Oct. 19.
Endocrine preparation. Harrower Laboratory, Inc. 294,161, May 17, 1932. Republished Oct. 19.
Ester-amides, Fatty acid. Armour and Company. 503,218, Oct. 19; Serial No. 540,964, published July 20, 1948.
Extract of the adrenal cortex tissue, Potent. Harrower Laboratory, Inc. 356,407, Apr. 26, 1938. Republished Oct. 19.
Face powder, lipstick, rouge, etc. D. J. Maxin. 441,075, Oct. 19; Serial No. 514,484, published Sept. 2, 1947.
Face powders, hair oil, hair tonic, etc. D. W. Brown. 503,236, Oct. 19; Serial No. 542,074, published July 20, 1948.
Fish liver oils containing vitamins A and D. Mead Johnson & Company. 503,231, Oct. 19; Serial No. 541,756, published July 20, 1948.
Foaming, wetting, and dispersing agent. MacAndrews & Forbes Company. 503,143, Oct. 19; Serial No. 535,419, published June 22, 1948.
Fumigating material, Gaseous. Guardite Corporation. 301,971, Mar. 21, 1933. Republished Oct. 19.
Fungicides, namely, dusting sulphur. Swift & Company. 441,037, Oct. 19; Serial No. 507,084, published July 20, 1948.
Germicide. E. F. Drew & Co., Inc. 503,050, Oct. 19; Serial No. 529,444, published July 6, 1948.
Gluconate product for the treatment of iron deficiency anemias, Ferrous. Nion Corporation. 503,254, Oct. 19; Serial No. 543,649, published July 20, 1948.
Hair-combing liquid. Edward Wesley & Company. 248,230, renewed Oct. 16, 1948. O. G. Oct. 19.
Hair tonic. E. J. Goodier. 502,983, Oct. 19; Serial No. 502,133, published June 29, 1948.
Hair tonic and shampoo. R. B. Semler, Inc. 503,252, Oct. 19; Serial No. 543,533, published July 20, 1948.
Hair tonic, hair shampoo, hair lacquer, etc. Harf, Inc. 503,259, Oct. 19; Serial No. 543,920, published July 20, 1948.
Herb tea. S. C. Wells and Company. 250,561, renewed Dec. 11, 1948. O. G. Oct. 19.
Herbicides and fungicides. John Lucas & Company, Inc. 503,292, Oct. 19; Serial No. 497,032.
Hydrogenation catalysts. E. F. Drew & Co., Inc. 423,762, Sept. 10, 1946. Republished Oct. 19.
Insect spray, insect dust, etc. Louisiana Drug Co., Inc. 362,796, Nov. 29, 1938. Republished Oct. 19.
Insecticide. O. & W. Thum. 313,345, May 22, 1934. Republished Oct. 19.
Insecticides. Eston Chemicals, Inc. 503,180, Oct. 19; Serial No. 537,673, published July 6, 1948.
Insecticides. McCormick & Co., Incorporated. 234,453, Oct. 25, 1927. Republished Oct. 19.
Insecticides. Tanglefoot Company. 430,267, June 10, 1947. Republished Oct. 19.
Koji, moyashi, diastase, ferments, etc. International Takamine Ferment Company. 249,298, renewed Nov. 13, 1948. O. G. Oct. 19.
Lanolin, Hydrogenated. Delawanna-Givaudan, Inc. 503,244, Oct. 19; Serial No. 543,039, published July 20, 1948.
Licorice mass for the pharmaceutical trade. MacAndrews & Forbes Company. 503,144, Oct. 19; Serial No. 535,422, published July 20, 1948.
Lighter fuel, Cigarette. American Chemical Company. 441,048, Oct. 19; Serial No. 510,372, published July 20, 1948.
Lime, High-calcium, hydrated. Ash Grove Lime and Portland Cement Company. 190,573, Oct. 14, 1924. Republished Oct. 19.
Lipstick, rouge, and nail polish. Elizabeth Arden Sales Corporation. 503,107, Oct. 19; Serial No. 532,991, published July 20, 1948.
Lip sticks. Chebra, Inc. 503,009, Oct. 19; Serial No. 522,421, published July 20, 1948.
Lipsticks. Park & Tilford. 503,080, Oct. 19; Serial No. 531,941, published July 20, 1948.
Liquid chemical for use in removing wallpaper. L. E. Straub. 503,289, Oct. 19; Serial No. 551,492, published July 13, 1948.
Liquid preparations useful as an antacid and absorbent. McNeil Laboratories, Incorporated. 503,240, Oct. 19; Serial No. 542,476, published July 13, 1948.
Lotion, cleansing cream, foundation cream, etc., Skin. Wright & Lawrence Laboratories, Inc. 503,162, Oct. 19; Serial No. 536,329, published June 22, 1948.
Lotion for the skin, Medicinal. A. C. Hynd Corp. 503,052, Oct. 19; Serial No. 529,651, published July 20, 1948.
Lotion, Medicated skin. H. E. Freeman. 503,270, Oct. 19; Serial No. 545,978, published July 6, 1948.
Lotion, Sunburn preventive. Doyle Laboratories, Inc. 503,196, Oct. 19; Serial No. 539,138, published July 6, 1948.
Lozenges, Throat. Organ-Iron Laboratories. 246,040, renewed Aug. 28, 1948. O. G. Oct. 19.
Lubricant, Surgical. Parke, Davis & Company. 248,113, renewed Oct. 16, 1948. O. G. Oct. 19.
Lye or caustic soda. E. Myers Lye Co. 249,139, renewed Nov. 6, 1948. O. G. Oct. 19.
Make-up powder, face creams, face lotions, etc. Elmo Sales Corporation. 503,224, Oct. 19; Serial No. 541,271, published July 6, 1948.
Materials for heating and heat treating metals. A. F. Holden Company. 503,139, Oct. 19; Serial No. 535,154, published July 20, 1948.
Meat salt. Carey Salt Company. 503,137, Oct. 19; Serial No. 535,131, published July 20, 1948.
Medicinal ointment preparation. H. D. Pasachoff. 441,030, Oct. 19; Serial No. 504,128, published July 13, 1947.
Medicinal preparation. Burroughs Wellcome & Co. (U. S. A.) Inc. 503,174, Oct. 19; Serial No. 537,289, published July 20, 1948.
Medicinal preparation. United Drug Company. 247,285, renewed Sept. 25, 1948. O. G. Oct. 19.
Medicinal preparation. Upjohn Company. 441,111–13, Oct. 19; Serial Nos. 523,125–7, published July 13, 1948.
Medicinal preparation. Upjohn Company. 503,257–8, Oct. 19; Serial Nos. 543,851–2, published July 20, 1948.
Medicinal preparation of benzyl benzoate compound. Eli Lilly and Company. 503,225, Oct. 19; Serial No. 541,308, published July 13, 1948.
Medicinal preparations. W. L. Threadgill. 441,041, Oct. 19; Serial No. 507,551, published July 20, 1948.

Medicinal saline preparation. J. C. Eno, Inc. 441,033, Oct. 19; Serial No. 505,688, published July 20, 1948.
Medicinal solution. Harrower Laboratory, Inc. 218,284, Sept. 21, 1926. Republished Oct. 19.
Mineral oils, White. Pennsylvania Refining Company. 503,160, Oct. 19; Serial No. 536,283, published July 20, 1948.
Moth preventive and exterminator. Phenol Chemical Company. 123,483, Nov. 12, 1918. Republished Oct. 19.
Moth-proofer and an insecticide. Renuzit Home Products Co. 503,177, Oct. 19; Serial No. 537,363, published July 20, 1948.
Mothproofing chemical in cakelike form, Volatile. Irwin Willert Company. 503,263, Oct. 19; Serial No. 544,868, published July 20, 1948.
Ointment. Commercial Solvents Corporation. 503,133, Oct. 19; Serial No. 534,752, published May 4, 1948.
Ointment. McKesson & Robbins, Incorporated. 246,744, renewed Sept. 11, 1948. O. G. Oct. 19.
Ointment, Scalp. Madam C. J. Walker Mfg. Co. 441,135, Oct. 19; Serial No. 507,443.
Parasiticides. Niagara Sprayer Company. 246,735, renewed Sept. 11, 1948. O. G. Oct. 19.
Penicillin preparation. William R. Warner & Co., Inc. 503,276, Oct. 19; Serial No. 547,078, published July 20, 1948.
Penicillin vehicle containing sesame oil 8.8. cc. (approximately), etc. Lincoln Laboratories, Incorporated. 438,224, Apr. 13, 1948. Corrected. O. G. Oct. 19.
Perfume and toilet water, face powder, talcum powder, etc. Houbigant, Inc. 503,194, Oct. 19; Serial No. 538,931, published July 6, 1948.
Perfume extract, face powder, eau de toilette, etc. Houbigant, Inc. 503,152, Oct. 19; Serial No. 535,845, published July 6, 1948.
Perfume, face powders, talcum powders, etc. Société Anonyme Des Parfums Weil. 315,520, July 31, 1934. Republished Oct. 19.
Perfume, toilet waters, lipsticks, etc. Les Parfums de Dana, Inc. 503,205, Oct. 19; Serial No. 539,965, published July 6, 1948.
Perfumes. De Riaz. 441,062, Oct. 19; Serial No. 512,245, published July 20, 1948.
Perfumes. Parfums Weil Paris, Inc. 391,953, Dec. 2, 1941. Republished Oct. 19.
Perfumes. Helena Rubinstein, Inc. 503,211, Oct. 19; Serial No. 540,458, published July 20, 1948.
Perfumes, and eau de cologne. Akts. M. Aarsleff & Co. 441,034, Oct. 19; Serial No. 505,790, published July 13, 1948.
Perfumes and toilet waters. D'Orsay Sales Company. 441,040, Oct. 19; Serial No. 507,521, published July 13, 1948.
Perfumes, colognes, and dusting powder. Charles of The Ritz, Inc. 441,018, Oct. 19; Serial No. 490,744, published Mar. 5, 1946.
Perfumes, eau de cologne, bath salts, etc. Wolff Frères, Inc. 503,288, Oct. 19; Serial No. 551,176, published July 20, 1948.
Perfumes, toilet waters, rouge, etc. Les Parfums Norante, Societe a Responsabilite Limitee. 503 030, Oct. 19; Serial No. 528,496, published July 6, 1948.
Petroleum jelly, Plain, perfumed petroleum jellies and medicated petroleum jellies, etc. Chesebrough Manufacturing Company Consolidated. 503,219, Oct. 19; Serial No. 540,981, published July 20, 1948.
Pharmaceutical preparation. Mead Johnson & Company. 502,999, Oct. 19; Serial No. 517,076, published July 20, 1948.
Pharmaceutical preparations. Reed & Carnrick. 503,098, Oct. 19; Serial No. 532,499, published July 13, 1948.
Plasticizer, Rubber. Atlantic Refining Company. 502,978, Oct. 19; Serial No. 491,958, published July 13, 1948.
Pluriglandular preparations. Harrower Laboratory, Inc. 355,896, Apr. 5, 1938. Republished Oct. 19.
Potassium silicate. Philadelphia Quartz Company. 398,704, Nov. 17, 1942. Republished Oct. 19.
Powder, Dental plate. S. Pfeiffer Mfg. Co. 503,181, Oct. 19; Serial No. 537,731, published July 6, 1948.
Preparation comprising an extract of endocrine tissue. Harrower Laboratory, Inc. 273,945, Aug. 19, 1930. Republished Oct. 19.
Preparation containing a principle with a specific influence on sexual maturity, etc. Harrower Laboratory, Inc. 272,196, July 1, 1930. Republished Oct. 19.
Preparation for allergy-neoplasia infections. W. F. Koch. 503,274, Oct. 19; Serial No. 547,003, published July 6, 1948.
Preparation for an antigen. Spicer and Company. 358,157, June 28, 1938. Republished Oct. 19.
Preparation for removing and preventing radiator rust. Mac's Super Gloss Co. 503,054, Oct. 19; Serial No. 529,790, published July 13, 1948.
Preparation for removing dandruff, etc. T. C. Whitlock. 282,522, Apr. 21, 1931. Republished Oct. 19.
Preparation for the alleviating and cure of hemorrhoids or piles. Pineule Medicine Co. 42,131, Feb. 23, 1904. New certificate. O. G. Oct. 19.
Preparation for the treatment of coughs and colds. J. E. Respondek. 503,127, Oct. 19; Serial No. 534,193, published July 20, 1948.
Preparation for the treatment of hair and scalp disorders. H. D. Baker. 503,261, Oct. 19; Serial No. 544,691, published July 20, 1948.
Preparation for the treatment of skin diseases. Munsch-Protzmann Co. 240,337, Mar. 27, 1928. Republished Oct. 19.
Preparation for use as a stimulant in gastroenterological practice. Harrower Laboratory, Inc. 389,448, Aug. 5, 1941. Republished Oct. 19.
Preparation for use in the treatment of diseases and disorders of the stomach, etc. Les Laboratoires Duret & Remy. 241,345, renewed Apr. 24, 1948. O. G. Oct. 19.
Preparation for use in the treatment of muscular aches and pains. D. C. Nale. 503,151, Oct. 19; Serial No. 534,457, published July 20, 1948.
Preparation in capsule form. J. E. Respondek. 503,126, Oct. 19; Serial No. 534,192, published July 20, 1948.
Preparation of amino acids and polypeptides. Wyeth Incorporated. 503,140, Oct. 19; Serial No. 535,208, published June 29, 1948.
Preparation of astringent solutions. Burroughs Wellcome & Co. (U. S. A.) Inc. 503,041, Oct. 19; Serial No. 529,137, published July 20, 1948.
Preparation used in the treatment of cancer, tuberculosis, diabetes, etc. W. F. Koch. 503,272–3, Oct. 19; Serial Nos. 547,001–2, published July 6, 1948.
Preparation used in the treatment of cancer, tuberculosis, diabetes, etc. W. F. Koch. 503,275, Oct. 19; Serial No. 547,004, published July 6, 1948.
Preparation useful as an analgesic and antipyretic, Oral, etc. Burroughs Wellcome & Co. (U. S. A.) Inc. 503,042, Oct. 19; Serial No. 529,142, published July 20, 1948.
Preparation useful in the treatment of veterinary uterine and vaginal ailments. Sharp & Dohme, Incorporated. 503,279, Oct. 19; Serial No. 548,108, published July 20, 1948.
Preparations for colds and respiratory ills of poultry and birds. Lee W. William & Co., Inc. 503,251, Oct. 19; Serial No. 543,476, published July 6, 1948.
Preparations, Liquid and ointment, etc. Poro College Products Company, Inc. 502,991, Oct. 19; Serial No. 507,538, published July 13, 1948.
Protein hydrolacy product. W. T. Thompson. 441,021, Oct. 19; Serial No. 493,465, published July 8, 1947.
Protein hydrolysate compound. Wyeth Incorporated. 503,166, Oct. 19; Serial No. 536,573, published July 20, 1948.
Protein hydrolysates with added vitamin B1, vitamin C and choline, Palatable, balanced combination of. Reed & Carnrick. 503,262, Oct. 19; Serial No. 544,766, published July 20, 1948.
Proteinic preparation. Sharp & Dohme, Incorporated. 503,199, Oct. 19; Serial No. 539,355, published July 20, 1948.
Pteroyl gamma glutamic acid, etc. American Cyanamid Company. 503,046, Oct. 19; Serial No. 529,333, published July 20, 1948.
Reagent chemicals. General Chemical Company. 503,198, Oct. 19; Serial No. 539,304, published July 20, 1948.
Receptacle containing a chemical compound, Moisture absorbing. R. H. Dickson & Company, Inc. 503,049, Oct. 19; Serial No. 529,443, published July 13, 1948.
Remedies for curing dyspepsia. E. C. De Witt & Co. 45,473, Aug. 22, 1905. New certificate. O. G. Oct. 19.
Remedies for the bowels and liver. E. C. De Witt & Co. 45,281, Aug. 8, 1905. New certificate. O. G. Oct. 19.
Remedies for the relief of kidney, bladder and liver troubles. E. C. De Witt & Company. 68 905, May 5, 1908. New certificate. O. G. Oct. 19.
Salt for meat curing. Myles Salt Company, Inc. 503,059, Oct. 19; Serial No. 530,550, published July 20, 1948.
Salve for relief of head and chest colds, headaches, etc. Altone Chemical Company, Inc. 503,158, Oct. 19; Serial No. 536,029, published June 29, 1948.
Salve or ointment. Vaporizing and rubbing. J. E. Respondek. 502,996, Oct. 19; Serial No. 514,496, published July 20, 1948.
Salve type preparation. J. I. Calicchio. 441,114, Oct. 19; Serial No. 523,239, published July 20, 1948.
Salves. E. C. De Witt & Co. 45,039, Aug. 1, 1905. New certificate. O. G. Oct. 19.
Shampoo. Procter & Gamble Company. 433,175, Sept. 30, 1947. Republished Oct. 19.
Shampoo tint, Oil. Mapril, Inc. 503,226, Oct. 19; Serial No. 541,434, published July 20, 1948.
Silicate of soda. Philadelphia Quartz Company. 338,319, Sept. 1, 1936. Republished Oct. 19.
Silicate of soda. Philadelphia Quartz Company. 340,026, Oct. 27, 1936. Republished Oct. 19.
Silicate of soda. Philadelphia Quartz Company. 346,131, May 18, 1937. Republished Oct. 19.
Silicate of soda. Philadelphia Quartz Company. 347,331, June 22, 1937. Republished Oct. 19.
Silicate of soda. Philadelphia Quartz Company. 350,514–15, Sept. 28, 1937. Republished Oct. 19.
Sodium cyanide. E. I. du Pont de Nemours and Company. 503,214, Oct. 19; Serial No. 540,797, published July 6, 1948.
Sodium ethyl mercurithiosalicylate or organic mercury compound solution. Eli Lilly and Company. 252,182, renewed Jan. 29, 1949. O. G. Oct. 19.

Sodium lignosulfonate compounds, Partially desulfonated. Marathon Corporation. 503,191, Oct. 19; Serial No. 538,650, published June 22, 1948.
Sodium lignosulfonate used for boiler water treatment. Marathon Corporation. 503,189, Oct. 19; Serial No. 538,648, published June 22, 1948.
Solution of an active principle of the pancreas having influence upon the circulation. Harrower Laboratory, Inc. 290,743, Jan. 12, 1932. Republished Oct. 19.
Solutions and other preparations for use in waving the hair, etc. A. Smith. 441,129, Oct. 19; Serial No. 524,826, published July 20, 1948.
Solutions, Gold plating. B. Robinson. 503,239, Oct. 19; Serial No. 542,172, published July 20, 1948.
Solutions of cellulose derivatives. Atlas Powder Company. 359,164, Aug. 9, 1938. Republished Oct. 19.
Sprout inhibitor for potatoes and other root crops. Thompson Horticultural Chemicals Corp. 503,317, Oct. 19; Serial No. 525,710.
Starch for laundry and manufacturing purposes. National Starch Company. 105,695, Aug. 10, 1915. Republished Oct. 19.
Starch for laundry purposes. National Starch Co. 101,966, Jan. 19, 1915. Republished Oct. 19.
Starch, Laundry. Corn Products Refining Company. 278,931, Jan. 6, 1931. Republished Oct. 19.
Starch, Laundry. Corn Products Refining Company. 280,717, Feb. 24, 1931. Republished Oct. 19.
Starch, principally in powdered form, Chemically treated. H. D. Meincke. 503,037, Oct. 19; Serial No. 529,077, published July 20, 1948.
Stomach powders. D. A. Molinari. 503,242, Oct. 19; Serial No. 542,960, published July 20, 1948.
Stop leak, Radiator, cooling system cleaner, rubber solvent, and hydraulic brake fluid. Dunlop Tire and Rubber Corporation. 441,071, Oct. 19; Serial No. 513,612, published July 20, 1948.
Substance for preventing rust, corrosion, or scale in boilers, radiators, and hot water systems. Philadelphia Quartz Company. 382,134, Oct. 15, 1940. Republished Oct. 19.
Substance including a water-soluble liver fraction and nucleinic acid. Harrower Laboratory, Inc. 356,408, Apr. 26, 1938. Republished Oct. 19.
Sulpha compounds. Baldwin Pharmacal Company. 503,070, Oct. 19; Serial No. 531,188, published July 13, 1948.
Tablets for the treatment of the liver. Fellows Medical Manufacturing Company, Inc. 503,268, Oct. 19; Serial No. 545,732, published July 6, 1948.
Therapeutic and immunizing agents. Cutter Laboratories. 441,045, Oct. 19; Serial No. 509,638, published Dec. 9, 1947.
Toilet cream. Unique Cosmetics, Inc. 503,165, Oct. 19; Serial No. 536,565, published July 20, 1948.
Toilet water. Lanman & Kemp-Barclay & Co., Incorporated. 503,202, Oct. 19; Serial No. 539,719, published July 20, 1948.
Tonic and conditioner for hogs, horses, cows, etc., General. D. H. Allen. 503,132, Oct. 19; Serial No. 534,587, published July 20, 1948.
Tonic containing malt, Nutritive. Galactina & Biomalz A. G. 441,050, Oct. 19; Serial No. 510,503, published July 13, 1948.
Troches or lozenges, Medicated throat. White Laboratories, Inc. 503,287, Oct. 19; Serial No. 550,571, published July 13, 1948.
Vehicle consisting of propylene glycol. McNeil Laboratories, Incorporated. 503,260, Oct. 19; Serial No. 544,097, published July 20, 1948.
Vitamin E. E. S. Miller Laboratories, Inc. 503,023, Oct. 19; Serial No. 527,537, published July 6, 1948.
Vitamin preparations in tablet, capsule, wafer, and liquid forms, and dry yeast. De Pree Company. 503,195, Oct. 19; Serial No. 539,034, published July 13, 1948.
Vitamin preparations, vaccines, therapeutic agents, etc. Ernst Bischoff Company, Incorporated. 503,111, Oct. 19; Serial No. 533,264, published July 13, 1948.
Vitamin preparations, vaccines, therapeutic agents, etc. Ernst Bischoff Company, Incorporated. 503,112, Oct. 19; Serial No. 533,265, published July 20, 1948.
Vitamin tablets. Jan-Wil, Inc. 503,271, Oct. 19; Serial No. 546,395, published July 6, 1948.
Vitamins. American Biochemical Company, Inc. 426,915, Jan. 21, 1947. Republished Oct. 19.
Vitamins, herb concentrates, etc. Old Fashioned Herb Company. 441,076, Oct. 19; Serial No. 514,620, published July 20, 1948.
Wax emulsions, Aqueous and nonaqueous. S. C. Johnson & Son, Inc. 503,072, Oct. 19; Serial No. 531,214, published July 20, 1948.

CLASS 7

Clothesline and cotton twine. Frank W. Winne & Son, Inc. 503,223, Oct. 19; Serial No. 541,243, published June 15, 1948.
Clothes-lines. American Manufacturing Company. 91,929, June 10, 1913. Republished Oct. 19.
Clothes-lines, Hemp. American Manufacturing Company. 85,402, Feb. 20, 1912. Republished Oct. 19.
Cord, Sash, coltheslines, and cotton twine. Frank W. Winne & Son, Inc. 503,222, Oct. 19; Serial No. 541,242, published June 15, 1948.
Cordage. American Manufacturing Company. 89,793–4, Jan. 14, 1913. Republished Oct. 19.
Lath-yarn. American Manufacturing Company. 89,973, Jan. 28, 1913. Republished Oct. 19.
Rope. Columbian Rope Company. 164,404, Feb. 20, 1923. Republished Oct. 19.
Rope. Columbian Rope Company. 170,136, July 10, 1923. Republished Oct. 19.
Rope and line. American Manufacturing Company. 73,990, June 8, 1909. Republished Oct. 19.
Rope, cord, and twine. American Manufacturing Company. 222,647, Jan. 4, 1927. Republished Oct. 19.
Rope, cord, lines, and twine. American Manufacturing Company. 57,434, Nov. 13, 1906. Republished Oct. 19.
Rope, cord, lines, and twine. American Manufacturing Company. 75,635, Oct. 26, 1909. Republished Oct. 19.
Rope, cord, lines, and twine. American Manufacturing Company. 105,179, July 13, 1915. Republished Oct. 19.
Rope, cord, lines, and twine. American Manufacturing Company. 109,054, Mar. 21, 1916. Republished Oct. 19.
Rope, Cotton, manila rope, hemp twine, etc. Frank W. Winne & Son, Inc. 503,221, Oct. 19; Serial No. 541,241, published June 15, 1948.
Rope of sisal and other vegetable hard fibre. Plymouth Cordage Company. 502,985, Oct. 19; Serial No. 502,999, published June 15, 1948.
Twine, rope, and cord. A. W. Archer Co. Inc. 503,213, Oct. 19; Serial No. 540,761, published June 15, 1948.
Twines and cords. Bibb Manufacturing Company. 502,980, Oct. 19; Serial No. 499,816, published June 15, 1948
Warp and other ropes and lines, Pot. Plymouth Cordage Company. 503,123, Oct. 19; Serial No. 534,050, published June 22, 1948.

CLASS 9

Fuse for igniting gunpowder and other explosives. Ensign-Bickford Company. 74,342, July 6, 1909. Republished Oct. 19.

CLASS 10

Fertilizers. N. S. Koos & Son Company. 503,078, Oct. 19; Serial No. 531,684, published July 13, 1948.

CLASS 11

Adding machine ribbons, accounting machine ribbons, calculating machine ribbons, etc. Stationers' Guild of America. 386,329, Apr. 1, 1941. Republished Oct. 19.
Carbon papers. Codo Manufacturing Corporation. 307,647, Oct. 31, 1933. Republished Oct. 19.
Ink, Lithographic rubbing, lithographic liquid tusche, etc. Wm. Korn, Inc. 345,523, Apr. 27, 1937. Republished Oct. 19.
Ink, Lithographic rubbing, lithographic liquid tusche, lithographic transfer ink, etc. Wm. Korn, Inc. 346,004, May 11, 1937. Republished Oct. 19.
Ink reducer, Lithographic. Indiana Chemical and Manufacturing Company. 140,404, Mar. 15, 1921. Republished Oct. 19.
Preparations for anti-offset ink, ink softener, and ink dryer. Indiana Chemical and Manufacturing Company. 503,043, Oct. 19; Serial No. 529,263, published July 20, 1948.
Stamp pads and rubber stamp ink. Fulton Specialty Co. 503,113, Oct. 19; Serial No. 533,293, published July 20, 1948.
Typewriter ribbons. Codo Manufacturing Corporation. 307,917, Nov. 14, 1933. Republished Oct. 19.
Typewriter ribbons and carbon papers. Codo Manufacturing Corporation. 307,749, Oct. 31, 1933. Republished Oct. 19.
Typewriter ribbons and carbon papers. Codo Manufacturing Corporation. 309,151, Jan. 2, 1934. Republished Oct. 19.
Writing fluids. W. A. Sheaffer Pen Company. 142,760, May 17, 1921. Republished Oct. 19.

CLASS 12

Brick siding, Artificial. Dant & Russell, Inc. 503,201, Oct. 19; Serial No. 539,670, published June 29, 1948.
Brick used in the construction of buildings, and tile. James Towne Colony Pottery. 441,069, Oct. 19; Serial No. 531,426, published June 29, 1948.
Cement for jointing water mains. Hayman, Michael & Co., Inc. 286,542, Sept. 1, 1931. Republished Oct. 19.
Cement, Mason's. Dewey Portland Cement Company. 292,161, Mar. 1, 1932. Republished Oct. 19.
Cement, Portland. Dewey Portland Cement Company. 290,413, Jan. 5, 1932. Republished Oct. 19.
Clinker, Refractory magnesian, ramming and patching materials. Basic Refractories, Inc. 441,015, Oct. 19; Serial No. 483,603, published June 29, 1948.
Duck tents, awnings, paulins, etc. Marshall-Wells Hardware Co. 71,509, re-renewed Dec. 1, 1948. O. G. Oct. 19.
Elements, Spacing and reinforcing. Timber Engineering Company. 418,890, Jan. 15, 1946. Republished Oct. 19.
Fastenings made of wood employed in timber connections. Timber Engineering Company. 409,317, Oct. 3, 1944. Republished Oct. 19.

Joints, Lumber and fabricated metal. Timber Engineering Company. 307,738, Oct. 31, 1933. Republished Oct. 19.
Mastic compound. Tremco Manufacturing Company. 403,130, Sept. 7, 1943. Republished Oct. 19.
Plaster, Brushing, a powder to be mixed with water. H. V. Root. 503,014, Oct. 19; Serial No. 526,558, published June 29, 1948.
Putty, Brine. Mundet Cork Corporation. 441,103, Oct. 19; Serial No. 521,592, published June 29, 1948.
Sheet material laminated from water-resisting paper and textile fabric. Angier Corporation. 503,073, Oct. 19; Serial No. 531,287, published June 29, 1948.
Shields, Termite. Timber Engineering Company. 386,736, Apr. 22, 1941. Republished Oct. 19.
Tiles of sheet metal, Sound-deadening. C. F. Burgess Laboratories, Inc. 247,114, renewed Sept. 18, 1948. O. G. Oct. 19.
Windows and window sashes. Vento Steel Sash Company. 224,213, Feb. 22, 1927. Republished Oct. 19.

CLASS 13

Chains and hoist hooks. Billings & Spencer Company. 402,398, July 20, 1943. Republished Oct. 19.
Connectors, Load distributing metal. Timber Engineering Company. 395,997, June 23, 1942. Republished Oct. 19.
Horseshoe-nails, carpet-tacks, barbed wire, etc. Marshall-Wells Hardware Co. 71,389, re-renewed Nov. 24, 1948. O. G. Oct. 19.
Key rings. Speidel Corporation. 383,325, Dec. 3, 1940. Republished Oct. 19.
Screws, Clamp, bolts, nuts. Parts Manufacturing Company. 242,718, renewed May 29, 1948. O. G. Oct. 19.
Wickets and grilles, Metal door. Ackerman Door Interviewer Corp. 250,501, renewed Dec. 11, 1948. O. G. Oct. 19.

CLASS 14

Alloys. Vanadium Corporation of America. 246,056, renewed Aug. 28, 1948. O. G. Oct. 19.
Babbitt metal, sheet-steel, tin-plate, etc. Marshall-Wells Hardware Co. 71,548, re-renewed Dec. 1, 1948. O. G. Oct. 19.
Castings, Miscellaneous. Ohio Malleable Iron Company. 70,665, re-renewed Sept. 22, 1948. O. G. Oct. 19.
Derails, Metal. Madden Company. 115,644, Feb. 27, 1917. Republished Oct. 19.
Metals and metal alloys, Nonferrous. American Smelting & Refining Company. 244,534–35, renewed July 24, 1948. O. G. Oct. 19.
Plates for vaults and safes, Metal. Guardian Metals Company. 222,104, renewed Dec. 21, 1946. O. G. Oct. 19.
Plates for vaults and safes, Metal. Guardian Metals Company. 222,105–6, Dec. 21, 1926. Corrected. O. G. Oct. 19.
Rail-anchors, Metal, anticreepers, tie-plate, etc. P. & M. Co. 89,292, Dec. 3, 1912. Republished Oct. 19.
Rail anchors or anticreepers. P. & M. Company. 177,413, Dec. 18, 1923. Republished Oct. 19.
Welding, brazing, and soldering rods, wires, and bars, etc., Metallic. R. D. Wasserman. 409,730, Oct. 17, 1944. Republished Oct. 19.
Welding electrodes, welding, brazing, and soldering overlay alloys, etc. R. D. Wasserman. 416,708, Sept. 25, 1945. Republished Oct. 19.
Welding electrodes, welding, brazing, and soldering overlay alloys, etc. R. D. Wasserman. 416,970, Oct. 9, 1945. Republished Oct. 19.
Welding electrodes, welding, brazing, and soldering rods and wires, etc. R. D. Wasserman. 408,653, Aug. 22, 1944. Republished Oct. 19.
Welding rods and metallic alloys, Metallic. Eutectic Welding Alloys, Inc. 386,989, Apr. 29, 1941. Republished Oct. 19.

CLASS 15

Fuel, Motor. Christopher Brothers. 441,022, Oct. 19; Serial No. 494,028, published July 13, 1948.
Greases, Lubricating. Union Oil Company of California. 502,990, Oct. 19; Serial No. 506,906, published June 29, 1948.
Lubricants of an oily character, Cutting. G. W. Richards. 231,710, renewed Aug. 23, 1947. O. G. Oct. 19.
Oil, Machinery lubricating. Sun Oil Company. 441,043, Oct. 19; Serial No. 508,623, published June 22, 1948.
Oil, Motor fuel, and an oil for lubricating purposes. McBride Refining Company, Inc. 441,110, Oct. 19; Serial No. 522,753, published July 6, 1948.
Oil, Motor lubricating. A. G. Meier. 441,025, Oct. 19; Serial No. 497,488, published July 6, 1948.
Oil, Motor lubricating. A. G. Meier. 441,074, Oct. 19; Serial No. 514,124, published July 13, 1948.
Oils and greases, etc., Refined, semi-refined and unrefined. Sinclair Refining Company. 503,230, Oct. 19; Serial No. 541,751, published July 20, 1948.
Oils and greases, Lubricating. Brooks Oil Company. 441,023, Oct. 19; Serial No. 494,256, published July 13, 1948.
Oils and greases, Lubricating. Fiske Brothers Refining Co. 503,043, Oct. 19; Serial No. 529,255, published July 6, 1948.
Oils and greases, Lubricating. Fiske Brothers Refining Co. 503,044, Oct. 19; Serial No. 529,256, published July 13, 1948.
Oils and hydraulic oil, Lubricating. Pure Oil Company. 503,020, Oct. 19; Serial No. 527,286, published July 20, 1948.
Oils, Lubricating. Miracle Lubricating Corporation. 503,298, Oct. 19; Serial No. 502,709.
Petroleum wax. Industrial Raw Materials Corp. 503,092–4, Oct. 19; Serial Nos. 532,455–7, published June 29, 1948.

CLASS 16

Aluminum powder. Brevolite Lacquer Company. 321,263, Jan. 22, 1935. Republished Oct. 19.
Coating compositions. Maas & Waldstein Co. 426,270, Dec. 24, 1946. Republished Oct. 19.
Enamels, Plating-rack, and stop-off coatings. Maas & Waldstein Co. 422,769, Aug. 13, 1946. Republished Oct. 19.
Lacquers and stains. Atlas Powder Company. 419,185, Feb. 5, 1946. Republished Oct. 19.
Lacquers for coating wood, glass, etc. Brevolite Lacquer Company. 321,264, Jan. 22, 1935. Republished Oct. 19.
Lacquers, lacquer enamels, varnishes, etc. Brevolite Lacquer Company. 341,867–8, Dec. 29, 1936. Republished Oct. 19.
Lacquers, paint thinners, and/or lacquer thinners. Zapon Company. 299,327, Nov. 29, 1932. Republished Oct. 19.
Paint, Barn, factory paint, house paint, etc. G. B. Carran. 283,713, June 2, 1931. Republished Oct. 19.
Paint enamels and undercoats for paint enamels, Prepared or ready-mixed liquid. J. F. Kurfees Paint Company. 503,149, Oct. 19; Serial No. 535,555, published July 6, 1948.
Paint in dry form. Western Auto Supply Company. 369,790, Aug. 1, 1939. Republished Oct. 19.
Paints and enamels, Ready mixed, paint colors, varnishes, etc. Atlas Powder Company. 358,179, June 28, 1938. Republished Oct. 19.
Paints, Exterior. Perma Products Company. 441,109, Oct. 19; Serial No. 522,740, published Apr. 13, 1948.
Paints in dry, paste and ready mixed forms, and painters' materials. O. E. Zinn. 441,136, Oct. 19; Serial No. 520,138.
Paints in paste and ready mixed form, varnishes, paint enamels, etc. Maas & Waldstein Co. 431,083, July 8, 1947. Republished Oct. 19.
Polish, Furniture, liquid wax, wax floor oil, etc. Midway Chemical Company. 248,535, renewed Oct. 23, 1948. O. G. Oct. 19.
Wood filler. Atlas Powder Company. 422,794, Aug. 13, 1946. Republished Oct. 19.

CLASS 17

Cigars. Gradiaz, Annis, & Co., Inc., 503,237, Oct. 19; Serial No. 542,122, published July 27, 1948.
Cigars. Metropolitan Cigar Corporation. 329,926, Nov. 19, 1935. Republished Oct. 19.
Cigars. Paxton and Gallagher Co. 304,694, July 18, 1933. Republished Oct. 19.
Cigars. Salvador Rodriguez ,Inc. 441,098, Oct. 19; Serial No. 519,542, published July 27, 1948.
Tobacco and tobacco products. Larus & Brother Company, Inc. 441,083, Oct. 19; Serial No. 516,552, published July 27, 1948.
Tobacco, Smoking. Charles & Company, Inc. 402,480, July 27, 1943. Republished Oct. 19.
Tobacco, Smoking, cigarettes, and cigars. John Sinclair Limited. 251,404, renewed Jan. 8, 1949. O. G. Oct. 19.

CLASS 19

Automobiles. Studebaker Corporation. 503,069, Oct. 19; Serial No. 531,158, published July 6, 1948.
Bolsters, Railway-truck, truck side frames, and spring planks. Buckeye Steel Castings Company. 249,355, renewed Nov. 13, 1948. O. G. Oct. 19.
Casters, Truck. Bond Foundry and Machine Company. 235,034, Nov. 8, 1927. Republished Oct. 19.

CLASS 20

Oilcloth, Table and wall. Interchemical Corporation. 441,067, Oct. 19; Serial No. 512,972, published July 20, 1948.
Wall covering, Coated fabric type. Interchemical Corporation. 503,021, Oct. 19; Serial No. 527,463, published June 1, 1948.

CLASS 21

Atomizer, Electrically heated. Tanglefoot Company. 424,466, Oct. 8, 1946. Republished Oct. 19.
Battery chargers. Lorain Products Corporation. 503,182, Oct. 19; Serial No. 537,906, published July 6, 1948.
Battery chargers. Lorain Products Corporation. 503,183–4, Oct. 19; Serial Nos. 537,907–8, published June 29, 1948.
Blowers, Portable electric. Breuer Electric Mfg. Company. 503,297, Oct. 19; Serial No. 502,422.
Broilers, Electric. F. L. Talge. 375,699, Feb. 27, 1940. Republished Oct. 19.
Cases, Flashlight, extension lights, plugs, etc. Stewart R. Browne Mfg. Co., Inc. 503,155, Oct. 19; Serial No. 535,931, published June 29, 1948.

Ceramics, High dielectric constant. American Lava Corporation. 426,925, Jan. 21, 1947. Republished Oct. 19.
Condensers and microphone stands, Electrical. Special Products Company. 441,024, Oct. 19; Serial No. 494,465, published July 23, 1946.
Condensers, Electrolytic, mica condensers, tubular condensers, etc. Aerovox Corporation. 503,249, Oct. 19; Serial No. 543,368, published July 20, 1948.
Control apparatus, Electronic. Raytheon Manufacturing Company. 503,164, Oct. 19; Serial No. 536,549, published June 29, 1948.
Duplicating apparatus, Facsimile. Radio Corporation of America. 441,070, Oct. 19; Serial No. 513,461, published June 29, 1948.
Electrical apparatus. Son-Chief Electrics, Incorporated. 441,126, Oct. 19; Serial No. 524,574, published July 13, 1948.
Electrical equipment. Tradio, Inc. 441,108, Oct. 19; Serial No. 522,339, published July 13, 1948.
Energy transducers, Mechano-electric, etc. Sonotone Corporation. 503,241, Oct. 19; Serial No. 542,672, published July 20, 1948.
Engraving and cutting implement, Portable electric. Burgess Battery Company. 502,982, Oct. 19; Serial No. 501,044, published July 20, 1948.
Fans and electric desk lamps, Electric. Stationers' Guild of America. 419,590, Feb. 26, 1946. Republished Oct. 19.
Fired material, Non-corrosive, heat-resisting. American Lava Corporation. 305,928, Aug. 29, 1933. Republished Oct. 19.
Flash lights, electric vapor and/or explosive proof extension lights, etc. Stewart R. Browne Mfg. Co., Inc. 503,154, Oct. 19; Serial No. 535,929, published July 13, 1948.
Food and drink mixers, Electric. John Oster Manufacturing Co. 503,179, Oct. 19; Serial No. 537,497, published June 29, 1948.
Heating pads for general use, Electrical. Son-Chief Electrics, Incorporated. 441,127, Oct. 19; Serial No. 524,575, published July 6, 1948.
Instrument inserted in arc lamps. H. L. Phillips. 503,308, Oct. 19; Serial No. 513,201.
Insulated wire, Electrical. Plastic Wire & Cable Corporation. 503,176, Oct. 19; Serial No. 537,354, published June 29, 1948.
Insulating material, Electrical. Continental Fibre Company. 117,249, June 26, 1917. Republished Oct. 19.
Insulating material, Electrical. Diamond State Fibre Company. 141,532, Apr. 26, 1921. Republished Oct. 19.
Insulating varnish, Electrical. Sherwin-Williams Company. 441,128, Oct. 19; Serial No. 524,734, published July 20, 1948.
Lamp bulbs, Electric. General Electric Company. 503,035, Oct. 19; Serial No. 528,857, published July 13, 1948.
Lights, Electric. J. S. Yarrow. 503,294, Oct. 19; Serial No. 498,742.
Machines, Electrically powered. G. S. Blakeslee & Co. 503,040, Oct. 19; Serial No. 529,133, published June 29, 1948.
Motors, Electric. Griffith Tool & Manufacturing Co. 503,188, Oct. 19; Serial No. 538,532, published July 6, 1948.
Motors, Electric, and various types of portable electrically-driven tools. Louisville Electric Manufacturing Company. 503,106, Oct. 19; Serial No. 532,944, published July 20, 1948.
Ozone generating machines, Electrical. General Ozone Corporation. 503,301, Oct. 19; Serial No. 506,030.
Public address equipment and component parts. R. Silverman. 441,119, Oct. 19; Serial No. 523,928, published June 29, 1948.
Radio transmitters, Carrier type, and carrier type radio receivers. G. E. Smith. 503,013, Oct. 19; Serial No. 526,525, published July 6, 1948.
Repair sleeves, Broken electric wire. L. F. Withers. 312,917, May 15, 1934. Republished Oct. 19.
Rheostats. Monitor Controller Company. 503,331, Oct. 19; Serial No. 546,721.
Sound equipment, Electric. St. Louis Music Supply Co. 503,307, Oct. 19; Serial No. 511,768.
Storage batteries. Keenan Auto Parts Company. 503,175, Oct. 19; Serial No. 537,322, published June 29, 1948.
Stoves and ranges, Electric. Charter Oak Stove and Range Company. 232,778, renewed Sept. 13, 1947. O. G. Oct. 19.
Stoves and ranges, Electric. Crown Stove Works. 503,167, Oct. 19; Serial No. 536,674, published June 29, 1948.
Stoves, Electric, and electric ranges. Noble & Harris. 263,481, Nov. 5, 1929. Republished Oct. 19.
Television receivers. Sightmaster Corp. 503,169, Oct. 19; Serial No. 536,843, published July 13, 1948.
Thermostatic switch with attendant wiring. H. E. White. 441,047, Oct. 19; Serial No. 510,219, published July 13, 1948.
Trolley frogs. Ohio Brass Company. 503,129, Oct. 19; Serial No. 534,330, published July 20, 1948.
Ultra-violet ray lamps and fixtures. O & S Products, Inc. 441,058, Oct. 19; Serial No. 511,181, published June 29, 1948.
Vacuum cleaners, Electrical, handles therefor and parts thereof. Vacuum Cleaner Corporation of America. 318,396, Oct. 23, 1934. Republished Oct. 19.
Welding machines, Electric. National Electric Welding Machines Co. 503,178, Oct. 19; Serial No. 537,475, published July 6, 1948.
Welding transformers, portable electric spot welding guns, and resistance welding apparatus. Martin Electric Corporation. 503,197, Oct. 19; Serial No. 539,190, published July 13, 1948.
Wire particularly adapted for the manufacture of thermionic grid elements. Fansteel Metallurgical Corporation. 441,060, Oct. 19; Serial No. 511,868, published July 6, 1948.

CLASS 22

Express-wagons, Boys', fishing-rods, fishing-reels, etc. Marshall-Wells Hardware Co. 71,390, re-renewed Nov. 24, 1948. O. G. Oct. 19.
Fish hooks. H. & D. Folsom Arms Co. Inc. 251,577, renewed Jan. 8, 1949. O. G. Oct. 19.
Golf clubs. K. Smith. 327,093, Aug. 13, 1935. Republished Oct. 19.
Golf clubs. K. Smith. 380,121, Aug. 6, 1940. Republished Oct. 19.
Golf clubs and golf balls. General Sports, Inc. 332,549–50, Feb. 18, 1936. Republished Oct. 19.
Golf clubs and parts of golf clubs. K. Smith. 294,136, May 17, 1932. Republished Oct. 19.
Golf clubs and parts thereof. K. Smith. 348,732, Aug. 3, 1937. Republished Oct. 19.
Golf clubs, Finished wood and iron. K. Smith. 308,967, Dec. 26, 1933. Republished Oct. 19.
Indicators, Bridge score. Speidel Corporation. 319,431, Nov. 27, 1934. Republished Oct. 19.
Playground equipment. I. Horowitz. 433,247, Sept. 30, 1947. Republished Oct. 19.
Skis, ski bindings, and ski poles. Meier & Frank Company, Inc. 356,083, Apr. 12, 1938. Republished Oct. 19.

CLASS 23

Air compressors and air water stands. Champion Pneumatic Machinery Company. 178,235, Jan. 8, 1924. Republished Oct. 19.
Attachments for grinding machines, Work holding. Delta Manufacturing Company. 403,815, Oct. 19, 1943. Republished Oct. 19.
Beverage machines, Self-vending, carbonated. Spacarb, Inc. 432,284, Aug. 26, 1947. Republished Oct. 19.
Butcher-knives, farrier-knives, chisels, etc. Marshall-Wells Hardware Co. 71,387, re-renewed Nov. 24, 1948. O. G. Oct. 19.
Engines, Internal combustion, air or gas compressors, and parts thereof. Le Roi Company. 392,952, Jan. 20, 1942. Republished Oct. 19.
Files. Nicholson File Company. 71,833, re-renewed Dec. 15, 1948. O. G. Oct. 19.
Milling machines. George Gorton Machine Co. 355,274, Mar. 8, 1938. Republished Oct. 19.
Pliers and hammers. Billings & Spencer Company. 361,283, Oct. 11, 1938. Republished Oct. 19.
Printing machine. White & Wyckoff Mfg. Co. 313,287, May 22, 1934. Republished Oct. 19.
Propeller mechanism for boats, barges, and the like. Murray & Tregurtha, Inc. 426,795, Jan. 14, 1947. Republished Oct. 19.
Pulleys and pulley sets. American Pulley Company. 380,386, Aug. 20, 1940. Republished Oct. 19.
Pumps, Automatic beer. Champion Pneumatic Machinery Company. 329,422, Oct. 29, 1935. Republished Oct. 19.
Razors, shears, scissors, etc., All manner and kinds of. C. S. Bresnick. 250,452, renewed Dec. 11, 1948. O. G. Oct. 19.
Saws and saw tables, Circular. Delta Manufacturing Company. 369,416, July 25, 1939. Republished Oct. 19.
Screw machine. Windsor Automatic Company, Inc. 339,979, Oct. 27, 1936. Republished Oct. 19.
Supports for motors and power transmission drives, Base. American Pulley Company. 404,357, Nov. 23, 1943. Republished Oct. 19.
Tools and machinery. Billings & Spencer Company. 270,927, May 20, 1930. Republished Oct. 19.
Woodworking machines. Delta Manufacturing Company. 275,269, Sept. 16, 1930. Republished Oct. 19.
Wrenches. Billings & Spencer Company. 354,818, Feb. 22, 1938. Republished Oct. 19.
Wrenches. Blue Point Tool Company. 237,970, renewed Jan. 24, 1948. O. G. Oct. 19.

CLASS 24

Roll covers, Laundry. Atlas Powder Company. 356,941, May 17, 1938. Republished Oct. 19.

CLASS 25

Boxes formed of base metal. Merriam Manufacturing Company. 503,103, Oct. 19; Serial No. 532,743, published June 15, 1948.

Door bolts, locks, door fasteners, and catches. Adams Rite Manufacturing Company. 502,988, Oct. 19; Serial No. 504,873, published July 20, 1948.
Door bolts, window bolts, door latches, etc. H. B. Ives Company. 503,056, Oct. 19; Serial No. 530,005, published June 8, 1948.
Safes and strong boxes. Van-Barry Manufacturing Company. 503,063, Oct. 19; Serial No. 530,874, published June 8, 1948.
Seals, Cording. E. J. Brooks Company. 503,173, Oct. 19; Serial No. 537,137, published July 13, 1948.
Strongboxes. Bemis & Call Company. 503,235, Oct. 19; Serial No. 541,996, published June 8, 1948.

CLASS 26

Coin changing machines. Vendo Company. 384,527, Jan. 21, 1941. Republished Oct. 19.
Gages, Saw. Delta Manufacturing Company. 302,013, Mar. 21, 1933. Republished Oct. 19.
Squares, wing-dividers, and levels. Marshall-Wells Hardware Co., to Marshall-Wells Company, Duluth, Minn. 71,388, renewed Nov. 24, 1948. O. G. Oct. 19.
Thermostats, Electro-Master Company. 278,092, Dec. 2, 1930. Republished Oct. 19.

CLASS 27

Clocks. Semca Co. 503,326–9, Oct. 19; Serial No. 545,899–902.
Clocks, clock-movements, and parts thereof. Sessions Clock Company. 503,248, Oct. 19; Serial No. 543,329, published July 13, 1948.
Clocks, Electric. Casco Products Corporation. 441,017, Oct. 19; Serial No. 489,941, published July 6, 1948.
Time-keeping instruments. William L. Gilbert Clock Corporation. 503,156, Oct. 19; Serial No. 535,950, published June 22, 1948.
Watches. Bulova Watch Company, Inc. 441,117, Oct. 19; Serial No. 523,753, published July 6, 1948.
Watches. P. Wahl. 441,133, Oct. 19; Serial No. 525,989, published July 6, 1948.
Watches. Waltham Watch Company. 441,051–2, Oct. 19; Serial No. 510,555–6, published July 6, 1948.
Watches and clocks. H. Elkins. 441,016, Oct. 19; Serial No. 489,455, published July 20, 1948.
Watches, parts of watches, and watch-cases. C. Virchaux. 441,118, Oct. 19; Serial No. 523,812, published July 6, 1948.
Watches, watch casing, and parts of watches. Mido Societe Anonyme. 441,020, Oct. 19; Serial No. 493,273, published July 13, 1948.
Watches, watch casings, and parts of watches. Mido Societe Anonyme. 441,134, Oct. 19; Serial No. 497,952.
Watches, watch movements, watch casings, etc. Montres Henex S. A. 441,014, Oct. 19; Serial No. 481,334, published July 6, 1948.
Watches, Wrist or strap. Bulova Watch Company, Inc. 241,715, renewed May 8, 1948. O. G. Oct. 19.

CLASS 28

Bracelets, ornamental pins, earrings, etc. D. Ornstein & Sons Corporation. 503,096, Oct. 19; Serial No. 532,484, published July 6, 1948.
Bracelets, wrist watch bracelets, not including watches. Bruner-Ritter, Inc. 503,228, Oct. 19; Serial No. 541,641, published July 20, 1948.
Earrings and earring backs. J. McCann. 503,157, Oct. 19; Serial No. 535,982, published July 6, 1948.
Flatware and hollow-ware, Silver plated. Club Aluminum Products Company. 503,142, Oct. 19; Serial No. 535,389, published June 29, 1948.
Flatware and hollow ware, Sterling silver. Easterling Company. 503,209, Oct. 19; Serial No. 540,265, published June 22, 1948.
Flat-ware and hollow-ware, Sterling silver. International Silver Company. 503,134, Oct. 19; Serial No. 534,786, published June 29, 1948.
Flatware, Silver-plated. Club Aluminum Products Company. 503,141, Oct. 19; Serial No. 535,385, published July 6, 1948.
Hollow-ware, Silver-plated. International Silver Company. 503,060–1, Oct. 19; Serial Nos. 530,824–5, published July 6, 1948.
Jewelry. E. Gubelin, Inc. 441,066, Oct. 19; Serial No. 512,666, published July 6, 1948.
Jewelry. Jule-Thads Creations. 503,002, Oct. 19; Serial No. 519,587, published July 6, 1948.
Jewelry. Jacques Kreisler Manufacturing Corporation 441,053, Oct. 19; Serial No. 510,693, published June 22, 1948.
Jewelry. Marvel Jewelry Mfg. Company. 503,007, Oct. 19; Serial No. 522,016, published July 20, 1948.
Jewelry. A. E. Neumann. 503,089, Oct. 19; Serial No. 532,332, published July 6, 1948.
Jewelry. Speidel Corporation. 296,620, Aug. 16, 1932. Republished Oct. 19.
Jewelry. E. F. M. Speidel. 279,464, Jan. 13, 1931. Republished Oct. 19.
Jewelry. Albert Weiss & Co. 503,146–7, Oct. 19; Serial No. 535,440–1, published July 6, 1948.
Jewelry. J. J. White Manufacturing Co. 503,245, Oct. 19; Serial No. 543,040, published June 29, 1948.
Jewelry, Hand wrought. S. N. Nye. 503,075, Oct. 19; Serial No. 531,626, published July 6, 1948.
Jewelry, Women's costume. Leo Glass & Company, Inc. 441,077, Oct. 19; Serial No. 514,652, published Sept. 9, 1947.
Key ring. C. Falk. 441,028, Oct. 19; Serial No. 501,965, published July 6, 1948.
Knives and forks, Silver-plated, and silver-plated spoons. Marshall-Wells Hardware Co. 71,473, re-renewed Nov. 24, 1924.
Necklaces, bracelets, finger rings, etc. Coro, Inc. 441,073, Oct. 19; Serial No. 514,103, published July 6, 1948.
Pearls, Artificial. Stein & Ellbogen Company. 503,058, Oct. 19; Serial No. 530,348, published July 6, 1948.
Pins, clips, and chains, etc. Speidel Corporation. 353,502, Jan. 11, 1938. Republished Oct. 19.
Rings, Finger. S. and N. Katz, Inc. 503,161, Oct. 19; Serial No. 536,296, published July 20, 1948.
Rosaries made of precious metal. Louis Stern Company. 441,039, Oct. 19; Serial No. 507,495, published July 6, 1948.
Tableware, flatware, and hollow ware, Sterling silver or silver plated. Aktiebolaget Gustaf Erikssons Metallfabrik. 441,019, Oct. 19; Serial No. 493,095, published June 29, 1948.
Tableware, Silverplated flat. Oneida Ltd. 503,062, Oct. 19; Serial No. 530,837, published June 22, 1948.
Watch bands, Metallic. Jacques Kreisler Manufacturing Corporation. 441,054, Oct. 19; Serial No. 510,696, published July 6, 1948.

CLASS 31

Refrigerating apparatus and parts thereof. Chrysler Corporation. 503,315, Oct. 19; Serial No. 522,593.
Refrigerating apparatus and parts thereof. Chrysler Corporation. 503,316, Oct. 19; Serial No. 522,597.
Refrigerating apparatus and parts thereof. Motor Products Corporation. 390,264, Sept. 16, 1941. Republished Oct. 19.
Tank type apparatus. Illinois Water Treatment Co. 441,089, Oct. 19; Serial No. 517,911, published July 20, 1948.
Tank type apparatus. Illinois Water Treatment Co. 441,091, Oct. 19; Serial No. 518,001, published July 20, 1948.

CLASS 32

Cabinets, Kitchen wall. Morton Manufacturing Company. 441,106, Oct. 19; Serial No. 521,973, published July 13, 1948.
Chair and table sets, Combination. Baby Haven Manufacturing Company. 503,011, Oct. 19; Serial No. 523,234, published July 20, 1948.
Chairs and tables, Folding. Stakmore Co., Inc. 503,017, Oct. 19; Serial No. 526,894, published June 29, 1948.
Consoles. Cavalier Corporation. 388,916–17, July 15, 1941. Republished Oct. 19.
Desk and chest, Combination. Cavalier Corporation. 432,104, Aug. 19, 1947. Republished Oct. 19.
Display fixtures for greeting cards. Hall Brothers, Incorporated. 503,313, Oct. 19; Serial No. 518,758.
Filing devices. L. H. Farber. 502,296, Oct. 19; Serial No. 502,205.
Fixtures for the counter display of merchandise. Lustra-Cite Industries, Inc. 441,065, Oct. 19; Serial No. 512,515, published June 29, 1948.
Fixtures, Restaurant. Madsen Iron Works. 503,025, Oct. 19; Serial No. 527,904, published July 13, 1948.
Furniture. Thonet Brothers, Inc. 433,309, Oct. 7, 1947. Republished Oct. 19.
Furniture, Juvenile. Northwest Juvenile Manufacturing Company. 441,081, Oct. 19; Serial No. 515,896, published June 29, 1948.
Furniture, Living room, dining room furniture, and bedroom furniture. Obrig Gordon Associates, Inc. 503,291, Oct. 19; Serial No. 531,821, published July 13, 1948.
Furniture, Store, hospital, laboratory, office, etc. General Fireproofing Company. 503,051, Oct. 19; Serial No. 529,456, published July 13, 1948.
Mattresses. Simon Mattress Manufacturing Co. 222,145, Dec. 21, 1926. Republished Oct. 19.
Mattresses, cushions, and boxsprings, etc. Bechik Products Inc. 503,019, Oct. 19; Serial No. 527,016, published July 20, 1948.
Mirrors, Glass. Nurre Companies. 503,120, Oct. 19; Serial No. 533,602, published July 20, 1948.
Pillows. P. R. Mitchell Co. 244,703, renewed July 24, 1948. O. G. Oct. 19.
Play pens, Children's. Trimble Nurseryland Furniture, Inc. 503,135, Oct. 19; Serial No. 534,840, published July 20, 1948.
Stands, Display. Goodyear Tire & Rubber Company. 503,027, Oct. 19; Serial No. 528,458, published July 13, 1948.
Venetian blinds and structural parts thereof. Clopay Corporation. 503,138, Oct. 19; Serial No. 535,133, published June 29, 1948.

CLASS 33

Bottles and jars, Glass. Owens-Illinois Glass Company. 502,994, Oct. 19; Serial No. 510,446, published June 29, 1948.
Jars, Glass. Kerr Glass Manufacturing Corporation. 503,110, Oct. 19; Serial No. 533,174, published July 13, 1948.

Plate glass, Coated, and/or coated window glass. Pittsburgh Plate Glass Company. 441,046, Oct. 19; Serial No. 510,195, published July 13, 1948.
Vases, Colored glass. D. G. Richmond. 441,078, Oct. 19; Serial No. 514,721, published July 6, 1948.

CLASS 34

Boilers, garbage burners, heaters, and hot water tanks. Kewanee Boiler Corporation. 503,115, Oct. 19; Serial No. 533,321, published July 13, 1948.
Boilers, Steam and hot water, and coal stokers. American Ship Building Company. 441,096, Oct. 19; Serial No. 519,158, published July 20, 1948.
Boilers, Water or steam. Kewanee Boiler Corporation. 503,114, Oct. 19; Serial No. 533,314, published July 13, 1948.
Burners and furnaces, Coal, coke, oil, and gas. Hess Warming & Ventilating Company. 385,000, Feb. 11, 1941. Republished Oct. 19.
Burners, Gas conversion, gas boilers, gas fired water heaters, etc. Crane Co. 441,101, Oct. 19; Serial No. 521,244, published July 6, 1948.
Burners, Hydrocarbon. American Stove Company. 194,662, Feb. 3, 1925. Republished Oct. 19.
Elbows, stovepipe; gas, coal, wood, and oil stoves; portable ovens. Shapleigh Hardware Company. 503,091, Oct. 19; Serial No. 532,345, published July 20, 1948.
Fireplaces, Metallic warm air circulating. D. L. Cage. 441,044, Oct. 19; Serial No. 508,976, published July 20, 1948.
Food fryer, Gas heated, electrically operated. Hilliard Corporation. 502,979, Oct. 19; Serial No. 496,078, published June 22, 1948.
Furnaces, Coal, coke, wood, fuel-oil, and gas. Holland Furnace Company. 247,608, renewed Oct. 2, 1948. O. G. Oct. 19.
Furnaces, Oil-burning. Consolidated Industries, Inc. 503,006, Oct. 19; Serial No. 521,959, published July 20, 1948.
Grates and components thereof. G. A. Kohout. 503,000, Oct. 19; Serial No. 517,140, published June 15, 1948.
Heat exchangers. National Carbon Company, Inc. 441,131, Oct. 19; Serial No. 525,373, published July 20, 1948.
Heaters, Circulating space, stoves, wood and coal ranges, etc. Washington Stove Works. 503,033, Oct. 19; Serial No. 528,751, published July 6, 1948.
Heaters, Unit. American Thermal Industries, Inc. 441,056, Oct. 19; Serial No. 510,925, published July 6, 1948.
Heaters, Water or steam. Kewanee Boiler Corporation. 503,104, Oct. 19; Serial No. 532,936, published July 20, 1948.
Heating equipment, Oil fired. Toledo Heater Company. 503,312, Oct. 19; Serial No. 518,491.
Heating furnaces, House and building. Northwestern Stove Repair Co. 329,964, Nov. 19, 1935. Republished Oct. 19.
Heating furnaces of the domestic or residential type, Coal, gas, and oil fired, etc. Holland Furnace Company. 503,036, Oct. 19; Serial No. 529,056, published July 6, 1948.
Linings, Firebox, for stoves. Majestic Manufacturing Company. 503,186, Oct. 19; Serial No. 538,308, published July 20, 1948.
Ovens, Baking and roasting. G. S. Blodgett Co., Inc. 391,399, Nov. 4, 1941. Republished Oct. 19.
Ranges, Domestic gas. American Stove Company. 374,737, Jan. 23, 1940. Republished Oct. 19.
Ranges, Domestic gas, heavy duty or restaurant gas ranges, gas heated broilers, etc. 368,905, July 4, 1939. Republished Oct. 19.
Ranges, Gaseous fuel burning domestic cooking. American Stove Company. 397,896, Sept. 29, 1942. Republished Oct. 19.
Storage systems and appliances, Gas-heated hot-water. General Water Heater Corporation. 503,086, Oct. 19; Serial No. 532,216, published Apr. 20, 1948.
Stoves and furnaces, Cooking and heating. Gray & Dudley Company. 503,125, Oct. 19; Serial No. 534,111, published July 13, 1948.
Stoves and ranges. St. Louis Union Trust Company. 63,868, re-renewed July 9, 1947. O. G. Oct. 19.
Stoves and ranges, Coal and wood cooking, gas, gasoline, and oil stoves and ranges, etc. American Stove Company. 379,172, July 2, 1940. Republished Oct. 19.
Stoves, Gas, coal, oil, and gasoline. American Stove Company. 167,529, May 1, 1923. Republished Oct. 19.
Stoves, Gas, coal, oil, and gasoline. American Stove Company. 179,830, Feb. 19, 1924. Republished Oct. 19.

CLASS 35

Belting and hose composed of rubber and fabric. Raybestos-Manhattan, Inc. 503,117, Oct. 19; Serial No. 533,380, published July 20, 1948.
Belting, Leather. Chicago Belting Company. 140,772, Mar. 29, 1921. Republished Oct. 19.
Belting, Leather. Chicago Belting Company. 141,891–4, May 3, 1921. Republished Oct. 19.
Belting, Leather. Chicago Belting Company. 171,537, Aug. 7, 1923. Republished Oct. 19.
Belting, Leather. J. E. Rhoads & Sons. 252,896, Feb. 19, 1929. Republished Oct. 19.
Belting, Leather. Chas A. Schieren Company. 503,066, Oct. 19; Serial No. 530,968, published July 20, 1948.
Belting, Transmission. Thermoid Company. 503,234, Oct. 19; Serial No. 541,983, published July 20, 1948.
Gasket material and mechanical packing consisting or composed of vegetable fibre sheet material. Minnesota Mining & Manufacturing Company. 502,984, Oct. 19; Serial No. 502,589, published July 20, 1948.
Hose. Quaker Rubber Corporation. 503,229, Oct. 19; Serial No. 541,705, published July 20, 1948.
Packing. Garlock Packing Co. 23,420, July 25, 1893. Republished Oct. 19.
Packing for pipe-joints. American Manufacturing Company. 73,633, May 4, 1909. Republished Oct. 19.
Tire treads. Paul E. Hawkinson Company. 503,068, Oct. 19; Serial No. 531,035, published July 20, 1948.
Tires, Automobile. Corduroy Tire Company. 247,266, renewed Sept. 25, 1928. O. G. Oct. 19.
Tires for vehicle wheels, Pneumatic, small, portable, pocket size repair outfits for tires, pieces of sheet rubber, etc. India Tyre & Rubber Company, Limited. 441,068, Oct. 19; Serial No. 513,249, published July 20, 1948.

CLASS 36

Stand, Music. Krauth & Benninghofen. 235,841, renewed Nov. 29, 1947. O. G. Oct. 19.

CLASS 37

Books, Blank, tablets and flat papers. Roaring Spring Blank Co. 49,487, Feb. 6, 1906. Republished Oct. 19.
Calendars and desk calender pads, Desk. Defiance Sales Corporation. 503,057, Oct. 19; Serial No. 530,296, published June 29, 1948.
Cards, Credential. W. L. Minick. 441,088, Oct. 19; Serial No. 517,506, published June 29, 1948.
Crayons, Lithograph, lithographic crayon paper pencils, metal marking crayons, etc. Wm. Korn, Inc. 346,187, May 18, 1937. Republished Oct. 19.
Envelops. Western States Envelope Co. 108,145, Jan. 18, 1916. Republished Oct. 19.
Fillers, Price book, loose-leaf fillers, typewriter paper, etc. White & Wyckoff Mfg. Co. 290,801, Jan. 19, 1932. Republished Oct. 19.
Metal balls for use in fountain pens. S K F Industries, Inc. 503,038–9, Oct. 19; Serial Nos. 529,100–1, published July 13, 1948.
Pads, Calendar. B. E. Lawrence & Co., Inc. 241,505, May 1, 1928. Republished Oct. 19.
Paper and papeteries, Writing and printing. White & Wyckoff Mfg. Co. 296,025, July 19, 1932. Republished Oct. 19.
Paper, Bread wrapping. American Tissue Mills. 218,794, Oct. 5, 1926. Republished Oct. 19.
Paper, Interleaving. S. D. Warren Company. 503,290, Oct. 19; Serial No. 552,331, published July 13, 1948.
Paper, Ledger. Parsons Paper Company. 503,119, Oct. 19; Serial No. 533,470, published July 6, 1948.
Paper, Printing and writing. Parsons Paper Company. 503,118, Oct. 19; Serial No. 533,469, published July 6, 1948.
Paper strips, leaves and sheets, Plain, lithographed, and partially printed. Autographic Register Company. 503,082–3, Oct. 19; Serial Nos. 532,103–4, published July 20, 1948.
Paper strips, Plain, lithographed, and partially printed. Autographic Register Company. 503,081, Oct. 19; Serial No. 532,099, published July 20, 1948.
Paper, Toilet. Albany Perforated Wrapping Paper Company. 250,652, renewed Dec. 11, 1948. O. G. Oct. 19.
Paper, Toilet. Albany Perforated Wrapping Paper Company. 250,816, renewed Dec. 18, 1948. O. G. Oct. 19.
Paper, Toilet, paper napkins, and paper towels. Hoberg Paper and Fibre Company. 248,549, renewed Oct. 23, 1948. O. G. Oct. 19.
Paper towels and toilet tissue. Straubel Paper Company. 503,016, Oct. 19; Serial No. 526,619, published July 20, 1948.
Paper, Wax. Great American Tea Company. 503,028, Oct. 19; Serial No. 528,465, published Feb. 3, 1948.
Paper, Wrapping. Anchor Paper Company. 441,079, Oct. 19; Serial No. 514,927, published July 6, 1948.
Paper, Wrapping and tracing. Diamond State Fibre Company. 120,563, Feb. 19, 1918. Republished Oct. 19.
Paper, Wrapping, toilet paper, paper towels, etc. C. W. Wood. 441,013, Oct. 19; Serial No. 467,631, published July 13, 1948.
Paper, Writing and printing, and mailing envelopes in packages. White & Wyckoff Mfg. Co. 284,475, June 30, 1931. Republished Oct. 19.
Paper, Writing and printing, mailing envelopes, papeteries, etc. White & Wyckoff Mfg. Co. 293,679, May 3, 1932. Republished Oct. 19.
Paper, Writing, envelopes, pencils, etc. A. E. Neumann. 503,090, Oct. 19; Serial No. 532,335, published July 27, 1948.
Paper, Writing, mailing envelopes, printing paper, etc. Allied Stores Corporation. 441,099, Oct. 19; Serial No. 519,915, published June 29, 1948.
Papers, Printing. St. Regis Paper Company. 441,130, Oct. 19; Serial No. 525,157, published July 20, 1948.
Pencils, Mechanical. C. Bergonzo. 441,057, Oct. 19; Serial No. 511,134, published July 27, 1948.

Pens, Fountain. Charmore Company. 441,063, Oct. 19; Serial No. 512,379, published July 6, 1948.
Pens, Fountain. Kimberly Corporation. 502,998, Oct. 19; Serial No. 516,617, published July 13, 1948.
Pens, Fountain. M. M. Neuhoff. 441,055, Oct. 19; Serial No. 510,716, published July 27, 1948.
Record forms, Bookkeeping. S & A Bookkeeping Systems, Inc. 441,095, Oct. 19; Serial No. 518,781, published July 27, 1948.
Stencils, Finished, cut rectilculated foraminous or perforated. O. A. Turner. 441,026, Oct. 19; Serial No. 498,328, published July 27, 1948.
Supplies for filing systems or equipments. G. J. Aigner. 244,459, renewed July 17, 1948. O. G. Oct. 19.
Tablets, Writing paper, composition books, notebooks, etc. White & Wyckoff Mfg. Co. 323,565, Apr. 23, 1935. Republished Oct. 19.
Tissues, Industrial absorbent. Kimberly-Clark Corporation. 503,077, Oct. 19; Serial No. 531,806, published July 20, 1948.
Unit used in accounting and billing. Copy Papers, Inc. 439,258, June 8, 1948. Amended. O. G. Oct. 19.
Wrapping and packaging material, Cellophane and cellulose acetate. Cello-Masters, Incorporated. 441,125, Oct. 19; Serial No. 524,234, published July 27, 1948.

CLASS 38

Booklets or leaflets, Series of. Keep America American, Inc. 441,115, Oct. 19; Serial No. 523,317, published July 6, 1948.
Charts of statistical tables, Printed. S. J. Kounts. 441,087, Oct. 19; Serial No. 517,489, published July 13, 1948.
Column in a periodical published at intervals. Street & Smith Publications, Inc. 441,092, Oct. 19; Serial No. 518,568, published June 15, 1948.
Cards, Greeting. Gartner & Bender, Inc. 380,045, Aug. 6, 1940. Republished Oct. 19.
Cards, Greeting. Gartner & Bender, Inc. 381,288, Sept. 17, 1940. Republished Oct. 19.
Cards, Greeting. Gartner & Bender, Inc. 428,867, Apr. 8, 1947. Republished Oct. 19.
Cards, Greeting. White & Wyckoff Mfg. Co. 388,912, July 15, 1941. Republished Oct. 19.
Cards, Greeting. White & Wyckoff Mfg. Co. 426,036–7, Dec. 10, 1946. Republished Oct. 19.
Cards, Greeting. White & Wyckoff Mfg. Co. 426,039, Dec. 10, 1946. Republished Oct. 19.
Comic strip. General Features Corporation. 503,210, Oct. 19; Serial No. 540,272, published June 15, 1948.
Labels for packaged foods, Printed. United States Printing & Lithograph Company. 503,280, Oct. 19; Serial No. 548,431, published July 6, 1948.
Lithographed, printed, and gravure matter. The Firm of John Dickinson Schneider. 375,702, Feb. 27, 1940. Republished Oct 19.
Magazine. Highlights For Children, Inc. 441,032, Oct. 19; Serial No. 505,583, published July 6, 1948.
Magazine. Hoofs and Horns Publishing Co., Inc. 503,250, Oct. 19; Serial No. 543,452, published June 22, 1948.
Magazine issued quarterly. Close-Up, Inc. 441,035, Oct. 19; Serial No. 506,095, published June 15, 1948.
Magazine, Monthly. American Manufacturing Company. 104,522, June 1, 1915. Republished Oct. 19.
Magazine, Monthly. Conde Nast Publications, Inc. 503,282, Oct. 19; Serial No. 548,482, published July 6, 1948.
Magazines, Monthly. French-Stamats Company. 358,854, July 26, 1938. Republished Oct. 19.
Magazine, Monthly. Marking Devices Publishing Co. 503,303, Oct. 19; Serial No. 506,822.
Magazine, Monthly. Radio Engineering Magazine, Inc. 243,004, June 12, 1928. Republished Oct. 19.
Magazine or periodical. Billboard Publishing Co. 503,285, Oct. 19; Serial No. 548,909, published July 6, 1948.
Magazine published periodically, Printed. Montana Food Distributors Association. 502,995, Oct. 19; Serial No. 511,951, published July 13, 1948.
News magazine. Omicron Delta Kappa Society. 441,080, Oct. 19; Serial No. 515,776, published July 6, 1948.
Newspaper articles and columns. Triangle Publications, Inc. 503,034, Oct. 19; Serial No. 528,832, published July 6, 1948.
Newspaper section or department. E. L. A. Wagner. 502,993, Oct. 19; Serial No. 509,112, published June 15, 1948.
Periodical. American Trade Journals, Inc. 503,283–4, Oct. 19; Serial Nos. 548,558–9, published July 6, 1948.
Periodical. Hart Schaffner & Marx. 503,265, Oct. 19; Serial No. 545,171, published July 20, 1948.
Periodical published at intervals. Prosperity Institute, Inc. 503,246, Oct. 19; Serial No. 543,046, published July 13, 1948.
Periodicals issued annually. Oscar H. Will & Co. 138,370, Dec. 21, 1920. Republished Oct. 19.
Photo prints developed from negatives. Giant Snapshots, Inc. 503,128, Oct. 19; Serial No. 534,270, published July 13, 1948.
Printed lithographed and gravure matter. The Firm of John Dickinson Schneider. 399,296, Dec. 29, 1942. Republished Oct. 19.
Publication, Business. Lewyt Corporation. 503,193, Oct. 19; Serial No. 538,794, published July 6, 1948.
Publication issued monthly. American Stove Company. 202,858, Sept. 8, 1925. Republished Oct. 10.
Publication issued periodically. Transportation Publishing and Research Corporation. 503,295, Oct. 19; Serial No. 500,332.
Publication, Monthly. S. Blickman, Inc. 441,093, Oct. 19; Serial No. 518,586, published July 6, 1948.
Publication, Monthly. National Consumer Finance Association. 503,333, Oct. 19; Serial No. 551,029.
Publication, Monthly. Raygram Corporation. 503,097, Oct. 19; Serial No. 532,497, published July 13, 1948.
Publication, Monthly. T. A. Rogers. 503,302, Oct. 19; Serial No. 506,475.
Publication of the comic book type, Periodical. American Boys' Comics, Inc. 503,277, Oct. 19; Serial No. 547,958, published July 6, 1948.
Publication, Periodical. Fenton Kelsey Co. 503,095, Oct. 19; Serial No. 532,464, published June 29, 1948.
Publication published quarterly, News and literary. Delta Tau Delta Fraternity. 188,826, Sept. 2, 1924. Republished Oct. 19.
Publication, Weekly. Pioneer Publishing Co. 232,081, renewed Aug. 30, 1947. O. G. Oct. 19.
Publication, Weekly. Pioneer Publishing Co. 232,085, renewed Aug. 30, 1947. O. G. Oct. 19.
Publications covering reports of studies, surveys, and analyses. Advertising Research Foundation, Inc. 503,064, Oct. 19; Serial No. 530,893, published June 22, 1948.
Publications, Periodical. American Bitumu's Company. 324,722, May 28, 1935. Republished Oct. 19.
Publications, prints and plans, Periodical. Rockwell Manufacturing Company. 503,323, Oct. 19; Serial No. 534,350.
Publications, Technical data. Tung-Sol Lamp Works, Inc. 441,094, Oct. 19; Serial No. 518,706, published July 13, 1948.
Radio scripts. M. N. Hull. 503,121, Oct. 19; Serial No. 533,744, published June 22, 1948.
Section in a trade publication. Haire Publishing Company. 503,309, Oct. 19; Serial No. 513,244.
Set comprising cardboard work sheets. Planitect Company. 441,085, Oct. 19; Serial No. 516,719, published July 6, 1948.
Tickets, Printed, sold as such, printed booklets, and printed cards. A. A. Nuñez. 441,031, Oct. 19; Serial No. 504,819, published June 15, 1948.
Tickets, Theatre. Weldon, Williams & Lick, Inc. 503,330, Oct. 19; Serial No. 545,921.

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Anklets. Rambo & Regar, Incorporated. 301,269, Feb. 21, 1933. Republished Oct. 19.
Aprons, Men's, women's, and children's, and women's evening gowns and ball gowns. O. M. Bailey. 396,569, July 28, 1942. Republished Oct. 19.
Bed jackets and lounging robes. Rainbow Shops, Inc. 412,625, Mar. 20, 1945. Republished Oct. 19.
Boots and shoes. Edwin Clapp & Son, Incorporated. 250,732, renewed Dec. 18, 1948. O. G. Oct. 19.
Boots and shoes, Leather. Selby Shoe Co. 55,321, Aug. 14, 1906. Republished Oct. 19.
Boots, shoes, slippers and moccasins. G. H. Bass & Co. 80,635, Jan. 17, 1911. Republished Oct. 19.
Coats, Ladies'. Modern Cloak & Suit Co., Inc. 384,234, Jan. 7, 1941. Republished Oct. 19.
Coats, mackinaws, dress, negligee and work shirts and overalls. Carter & Churchill Co. 111,561, July 25, 1916. Republished Oct. 19.
Coats, vests, pants, and overcoats, Men's. Fashion Park Associates, Inc. 273,333, July 29, 1930. Republished Oct. 19.
Coats, vests, trousers, and overcoats for men, young men, and boys. Alfred Decker & Cohn, Inc. 246,246, renewed Sept. 4, 1948. O. G. Oct. 19.
Gloves and mittens, aprons. J. C. Heckelman. 274,823, Sept. 9, 1930. Republished Oct. 19.
Gloves, mittens and gauntlets. Joseph N. Eisendrath Company. 67,514, Feb. 4, 1908. Republished Oct. 19.
Handkerchiefs. International Manufacturing Co. 70,884, re-renewed Oct. 13, 1948. O. G. Oct. 19
Hats for men and boys, Soft felt. Desmond's. 264,897, Dec. 10, 1929. Republished Oct. 19.
Hosiery. I. Cozzens. 79,106, Aug. 9, 1910. Republished Oct. 19.
Hosiery. Hatch Full Fashioned Hosiery Co. 402,013, June 22, 1943. Republished Oct. 19.
Hosiery. Huffman Full Fashioned Mills, Inc. 371,539, Sept. 26, 1939. Republished Oct. 19.
Hosiery. Huffman Full Fashioned Mills, Inc. 380,973, Sept. 10, 1940. Republished Oct. 19.
Hosiery. Huffman Full Fashioned Mills, Inc. 391,832, Nov. 25, 1941. Republished Oct. 19.
Hosiery. Knit Products Corporation. 291,067, Jan. 26, 1932. Republished Oct. 19.
Hosiery. Knit Products Corporation. 297,753, Sept. 27, 1932. Republished Oct. 19.

Hosiery. Lynchburg Hosiery Mills, Inc. 336,222, June 30, 1936. Republished Oct. 19.
Hosiery. May Hosiery Mills, Inc. 289,158, Nov. 17, 1931. Republished Oct. 19.
Hosiery. May Hosiery Mills, Inc. 293,140, Apr. 12, 1932. Republished Oct. 19.
Hosiery. May Hosiery Mills, Inc. 294,797, June 7, 1932. Republished Oct. 19.
Hosiery. May Hosiery Mills, Inc. 326,136, July 16, 1935. Republished Oct. 19.
Hosiery, Ladies'. Huffman Full Fashioned Mills, Inc. 395,488, May 26, 1942. Republished Oct. 19.
Hosiery, Ladies'. Huffman Full Fashioned Mills, Inc. 419,169, Feb. 5, 1946. Republished Oct. 19.
Hosiery, Ladies'. J. Mann. 321,164, Jan. 22, 1935. Republished Oct. 19.
Hosiery, Ladies'. Welnerth Knitting & Machine Company, Inc. 189,263, Sept. 16, 1924. Republished Oct. 19.
Hosiery, Ladies' full fashion. Huffman Full Fashioned Mills, Inc. 395,748, June 9, 1942. Republished Oct. 19.
Hosiery, Ladies' full fashioned silk, nylon, and rayon. Tel-A-Frend Hosiery Co. 406,801, Apr. 25, 1944. Republished Oct. 19.
Hosiery, Ladies', men's, and children's. Knit Products Corporation. 286,495, Sept. 1, 1931. Republished Oct. 19.
Hosiery, Men's and boys'. J. Mann. 363,462, Dec. 27, 1938. Republished Oct. 19.
Hosiery, Men's and ladies'. Huffman Full Fashioned Mills, Inc. 369,238, July 18, 1939. Republished Oct. 19.
Hosiery, underwear, and outer garments. May Hosiery Mills, Inc. 173,346, Sept. 25, 1923. Republished Oct. 19.
Neckties, Men's four-in-hand, and other neckties for men. Hewes & Potter, Inc. 279,087, Jan. 6, 1931. Republished Oct. 19.
Overalls, work pants, and work shirts. Barrow Manufacturing Company. 246,421, renewed Sept. 4, 1948. O. G. Oct. 19.
Pajamas. Sleepwear, Inc. 427,160, Jan. 28, 1947. Republished Oct. 19.
Pajamas. Winget Kickernick Company. 252,180, renewed Jan. 29, 1949. O. G. Oct. 19.
Pajamas, All types of. Boston Knitting Mills, Inc. 389,745, Aug. 19, 1941. Republished Oct. 19.
Pants and underwear, Men's athletic. National Shirt Shops, Inc. 245,419, renewed Aug. 14, 1948. O. G. Oct. 19.
Play suits, pajamas, suits, etc., Infants' and children's. Jolly Kids Garment Mfg. Company. 348,889, Aug. 17, 1937. Republished Oct. 19.
Shirts and underwear, Men's negligee and sport. National Shirt Shops, Inc. 245,420, renewed Aug. 14, 1948. O. G. Oct. 19.
Shoes. D. B. Abbott. 164,084, Feb. 13, 1923. Republished Oct. 19.
Shoes. Endicott-Johnson Corporation. 441,116, Oct. 19; Serial No. 523,524, published July 6, 1948.
Shoes for men, women, boys, youths, little men, misses, children, and growing girls. Farr Bros. Co. 247,187, renewed Sept. 25, 1948. O. G. Oct. 19.
Shoes, Women's and misses'. Holmes, Stickney & Walker, Inc. 441,029, Oct. 19; Serial No. 502,639, published June 1, 1948.
Ski clothing, Men's, women's, and children's. Meier & Frank Company, Inc. 357,458, June 7, 1938. Republished Oct. 19.
Slips and nightgowns, Ladies'. Trimcrest Corporation. 418,561, Jan. 1, 1946. Republished Oct. 19.
Suits, coats, pants, etc., Men's and boys'. Haspel Brothers, Inc. 349,083, Aug. 17, 1937. Republished Oct. 19.
Suits, coats, pants, etc., Men's and boys'. Haspel Brothers, Inc. 355,520, Mar. 22, 1938. Republished Oct. 19.
Suits, jackets, overcoats, etc., Men's and boys'. Desmond's. 386,268, Apr. 1, 1941. Republished Oct. 19.
Suits, Men's and boys', overcoats, topcoats, etc. Desmond's, Inc. 425,011, Oct. 29, 1946. Republished Oct. 19.
Suits, Men's and boys' summer. Haspel Brothers, Inc. 298,256, Oct. 18, 1932. Republished Oct. 19.
Suits, vests, trousers, etc., Men's. Michaels, Stearn & Company, Incorporated. 417,086, Oct. 16, 1945. Republished Oct. 19.
Sweaters; hats, caps, etc., Men's. Fashion Park Associates, Inc. 282,216, Apr. 14, 1931. Republished Oct. 19.
Sweaters, Ladies' and misses' knitted sport. Select Sportswear, Inc. 390,648, Sept. 30, 1941. Republished Oct. 19.
Sweaters, Ladies' and misses' knitted sport, and two-piece knitted dresses. Select Sportswear, Inc. 390,301, Sept. 16, 1941. Republished Oct. 19.
Sweaters, Ladies' and misses' knitted sport, and two-piece knitted dresses. Select Sportswear, Inc. 395,832, June 16, 1942. Republished Oct. 19.
Topcoats, Men's and boys'. Michaels, Stern & Co., Inc. 371,968, Oct. 17, 1939. Republished Oct. 19.
Trousers and pants, Men's and boys'. Cohen, Goldman & Co., Inc. 362,873, Dec. 6, 1938. Republished Oct. 19.
Undergarments, Ladies' woolen. Rainbow Shops, Inc. 381,025, Sept. 10, 1940. Republished Oct. 19.
Underwear and hosiery for men, women, and children, Knitted. Welnerth Knitting & Machine Company. 252,197, Jan. 29, 1929. Republished Oct. 19.
Underwear and hosiery, Men's, ladies', children's, and infants'. Robert C. King & Co. 130,326, Apr. 20, 1920. Republished Oct. 19.
Underwear, Men's, ladies', children's, and infants'. Robert C. King & Co. 130,327, Apr. 20, 1920. Republished Oct. 19.
Underwear of textile fabric, Ladies'. B. Shander. 263,325, Nov. 5, 1929. Republished Oct. 19.
Vests, pants, and bands, Infants', children's, and juveniles' vests, pants, suits, etc. Robert C. King & Co. 414,924, July 3, 1945. Republished Oct. 19.
Wearing apparel, Men's. Desmond Clothing Company. 209,165, Feb. 16, 1926. Republished Oct. 19.

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Bias tape, seam binding, shoe laces, etc. C. J. Farley & Company. 503,008, Oct. 19; Serial No. 522,306, published July 20, 1948.
Buttons and buckles. B. Blumenthal & Co. Inc. 503,079, Oct. 19; Serial No. 531,885, published June 1, 1948.
Combs, Hard rubber. American Hard Rubber Company. 503,065, Oct. 19; Serial No. 530,903, published June 22, 1948.
Device for connecting the back straps of brassières. Governor Fastener Co. 503,074, Oct. 19; Serial No. 531,326, published June 15, 1948.
Fasteners and buttons, Glove and dress. Fownes Brothers and Company. 70,324, re-renewed Aug. 25, 1948. O. G. Oct. 19.
Fasteners, Snap, hooks and eyes, and safety pins. Dry Goods Alliance Inc. 503,130, Oct. 19; Serial No. 534,422, published June 29, 1948.
Fasteners, Snap; snap fastener tape; safeseals. Waldes Kohinoor, Inc. 503,105, Oct. 19; Serial No. 532,941, published July 13, 1948.
Hair curlers, Non-electric. Calcutt & Steiner. 503,015, Oct. 19; Serial No. 526,591, published June 29, 1948.
Kits for making beaded bags. Heirloom Needlework Guild, Inc. 441,061, Oct. 19; Serial No. 512,063, published June 15, 1948.
Needles, Knitting. C. M. Larson. 503,306, Oct. 19; Serial No. 509,945.
Pins, Common, snap fasteners, safety pins, etc. William Prym, Inc. 503,047, Oct. 19; Serial No. 529,407, published June 29, 1948.
Pins, Glass headed. William Prym, Inc. 503,170, Oct. 19; Serial No. 536,858, published Apr. 27, 1948.
Pockets, Replacement. Creed & Steward, Ltd. 503,024, Oct. 19; Serial No. 527,544, published June 29, 1948.
Shields, Dress, bias tape, twill tape, etc. Associated Merchandising Corporation. 252,394, renewed Feb. 5, 1949. O. G. Oct. 19.
Shoulder pads for use in women's clothing. S. Farkas. 503,324, Oct. 19; Serial No. 539,683.
Tapes used for dress trimmings. William E. Wright & Sons Company. 503,305, Oct. 19; Serial No. 509,903.
Textile tape, braid, narrow elastic and narrow webbing. Ansonia O & C Company. 503,012, Oct. 19; Serial No. 526,515, published June 8, 1948.
Trimmings, namely, colored embroidery bands. Nielsen Embroidery Works. 503,293, Oct. 19; Serial No. 497,035.

CLASS 42

Crepe in the piece, Artificial-silk. Stunzi Sons Silk Company, Inc. 252,791, Feb. 12, 1929. Republished Oct. 19.
Curtains, Ruffled and tailored, hand-tailored bedspreads; piece goods. Meier & Frank Company, Inc. 359,352, Aug. 16, 1938. Republished Oct. 19.
Muslin used for outdoor advertising. Keratol Company. 318,313, Oct. 23, 1934. Republished Oct. 19.
Piece goods. Lesher, Whitman & Co., Inc. 248,858, renewed Oct. 30, 1948. O. G. Oct. 19.
Piece goods, Flat woven. Cohn-Hall-Marx Co. 330,978, Dec. 24, 1935. Republished Oct. 19.
Rugs. Amsterdam Textiles. 389,812, Aug. 19, 1941. Republished Oct. 19.
Textile blankets. Carter Dry Goods Co. 251,324, renewed Jan. 1, 1949. O. G. Oct. 19.
Textile fabrics, Waterproof. Zapon Company. 272,569, July 8, 1930. Republished Oct. 19.

CLASS 43

Cordé, Plastic and rayon. Heirloom Needlework Guild, Inc. 503,300, Oct. 19; Serial No. 504,671.
Thread. American Thread Company. 503,233, Oct. 19; Serial No. 541,908, published June 8, 1948.
Threads. Société A. Crespel. 201,476–77, renewed July 28, 1945. O. G. Oct. 19.
Threads, Mercerized cotton embroidery. T. Buettner & Co. 391,656, Nov. 18, 1941. Republished Oct. 19.
Threads, yarns, and cottons for embroidering and crocheting. T. Buettner & Co., Inc. 199,158, June 2, 1925. Republished Oct. 19.
Yarns. Hibb Manufacturing Company. 502,981, Oct. 19; Serial No. 499,818, published June 15, 1948.

Yarns. Ellson Knit Wear, Inc. 441,084, Oct. 19; Serial No. 516,606, published June 8, 1948.
Yarns. George Lee & Sons Limited. 503,238, Oct. 19; Serial No. 542,143–4, published June 22, 1948.
Yarns, Hand knitting. Chesterfield Yarn Co. 503,099, Oct. 19; Serial No. 532,561, published June 22, 1948.
Yarns made of wool, Art needlework. Fleisher Yarns, Inc. 503,010, Oct. 19; Serial No. 522,977, published July 20, 1948.
Yarns of wool and worsted, Knitting. Plymouth Wholesale Dry Goods Corporation. 503,304, Oct. 19; Serial No. 509,457.

CLASS 44

Bandages, Finger, corn, callous, and bunion pads. Scholl Mfg. Co., Inc. 503,318, Oct. 19; Serial No. 528,742.
Supports, Arch. Scholl Mfg. Co., Inc. 247,829, renewed Oct. 9, 1948. O. G. Oct. 19.
Supports, Arch. Scholl Mfg. Co., Inc. 250,523, renewed Dec. 11, 1948. O. G. Oct. 19.
Therapeutic lamps. Burdick Cabinet Company. 213,078, May 18, 1926. Republished Oct. 19.

CLASS 45

Corn sugar or dextrose, and syrups. Corn Products Refining Company. 411,255, Jan. 9, 1945. Republished Oct. 19.
Flavoring extracts and concentrated syrups. J. F. Lazier Manufacturing Company, Incorporated. 244,252, renewed July 17, 1948. O. G. Oct. 19.
Flavoring extracts and concentrated syrups. J. F. Lazier Manufacturing Company, Incorporated. 244,324, renewed July 17, 1948. O. G. Oct. 19.
Flavoring extracts and concentrated syrups. J. F. Lazier Manufacturing Company, Incorporated. 245,850–51, renewed Aug. 21, 1948. O. G. Oct. 19.
Root beer, ginger ale, orange soda, etc. Fisher Brothers Company. 237,725, renewed Jan. 17, 1948. O. G. Oct. 19.

CLASS 46

Alimentary paste products. V. La Rosa & Sons, Inc. 313,418, May 29, 1934. Republished Oct. 19.
Alimentary pastes. V. La Rosa & Sons, Inc. 293,297, Apr. 19, 1932. Republished Oct. 19.
Apples, Dehydrated. Ross Packing Co. 387,892, June 3, 1941. Republished Oct. 19.
Apples, Fresh. Smith & Nelson, Inc. 394,907, May 5, 1942. Republished Oct. 19.
Apricots, nectarines, peaches, Dried, etc. Rosenberg Brothers & Company. 86,619, May 21, 1912. Republished Oct. 19.
Bakery products. F. Giovannini. 267,634, Feb. 25, 1930. Republished Oct. 19.
Biscuit. R. A. Johnston Company. 102,282, Feb. 2, 1915. Republished Oct. 19.
Biscuit, cake, and crackers. National Biscuit Company. 245,499–500, renewed Aug. 14, 1948. O. G. Oct. 19.
Biscuit, cake, and crackers. National Biscuit Company. 246,591, renewed Sept. 11, 1948. O. G. Oct. 19.
Bread. Shellabarger Mills & Elevator Company. 247,208, renewed Sept. 25, 1948. O. G. Oct. 19.
Butter, macaroni products, noodles, and pastina. V. La Rosa & Sons, Inc. 389,868, Aug. 26, 1941. Republished Oct. 19.
Butter, powdered milk. Producers Creamery Company. 267,104, Feb. 11, 1930. Republished Oct. 19.
Cakes and pastry. A. Kesselring. 245,944, renewed Aug. 28, 1948. O. G. Oct. 19.
Candy. John O. Gilbert Chocolate Company. 251,774, renewed Jan. 15, 1949. O. G. Oct. 19.
Candy. John T. Hohberger. 245,761, renewed Aug. 21, 1948. O. G. Oct. 19.
Canned and glass packages of vegetables, vegetable juices, fruits, etc. Charles & Co. 353,119, Dec. 28, 1937. Republished Oct. 19.
Canned asparagus. Rochelle Asparagus Company. 295,580, July 5, 1932. Republished Oct. 19.
Canned asparagus. Rochelle Asparagus Company. 351,197–98, Oct. 19, 1937. Republished Oct. 19.
Canned asparagus. Rochelle Asparagus Company. 365,237, Feb. 28, 1939. Republished Oct. 19.
Canned corned beef. International Products Corporation. 268,144, Mar. 11, 1930. Republished Oct. 19.
Canned fish. Coast Fishing Company. 250,772, renewed Dec. 18, 1948. O. G. Oct. 19.
Canned fish. High Seas Tuna Packing Company, Inc. 441,064, Oct. 19; Serial No. 512,503, published Nov. 11, 1947.
Canned fish. M. A. Rex. 248,589, renewed Oct. 23, 1948. O. G. Oct. 19.
Canned fish. Sardamack Fisheries, Inc. 394,491, Apr. 7, 1942. Republished Oct. 19.
Canned food for dogs, cats, and other carnivorous animals. Republic Food Products Co. 323,522, Apr. 16, 1935. Republished Oct. 19.
Canned food for dogs, cats, and other carnivorous animals. Republic Food Products Co. 323,527, Apr. 16, 1935. Republished Oct. 19.
Canned food for dogs, cats, and other carnivorous animals. Republic Food Products Co. 324,767, May 28, 1935. Republished Oct. 19.
Canned food products. Manteca Canning Company. 346,093, May 18, 1937. Republished Oct. 19.
Canned foods. Standard Beef Company. 503,053, Oct. 19; Serial No. 529,721, published July 20, 1948.
Canned fruits. F. M. Ball & Company. 383,742, Dec. 24, 1940. Republished Oct. 19.
Canned fruits. Olympia Canning Company. 300,739. Feb. 7, 1933. Republished Oct. 19.
Canned fruits. Paxton & Gallagher Co. 296,719, Aug. 16, 1932. Republished Oct. 19.
Canned fruits and canned fruit compote. F. M. Ball & Company. 378,809, June 18, 1940. Republished Oct. 19.
Canned fruits and canned vegetables. Manteca Canning Company. 190,898–9, Oct. 28, 1924. Republished Oct. 19.
Canned fruits and vegetables. Fraering Brokerage Co., Inc. 382,065, Oct. 15, 1940. Republished Oct. 19.
Canned fruits, canned vegetables, canned fish. Manteca Canning Company. 328,089, Apr. 2, 1935. Republished Oct. 19.
Canned fruits, canned vegetables, canned fruit cocktail, etc. F. M. Ball & Company. 406,875, May 2, 1944. Republished Oct. 19.
Canned fruits, canned vegetables, canned fruit juices, etc. G. M. C. Food Co. 441,072, Oct. 19; Serial No. 514,024, published Apr. 6, 1948.
Canned fruits, canned vegetables, canned vegetable juices, etc. Paxton & Gallagher Co. 388,221, June 17, 1941. Republished Oct. 19.
Canned fruits, canned vegetables, condiments. Paxton & Gallagher Co. 355,047, Mar. 8, 1938. Republished Oct. 19.
Canned fruits, dried fruits, canned vegetables. A. Gabrielson. 225,984, renewed Mar. 29, 1947. O. G. Oct. 19.
Canned fruits for salad, canned vegetables. F. M. Ball & Company. 339,088, Sept. 22, 1936. Republished Oct. 19.
Canned peas. Central Wisconsin Canneries. 266,460, Jan. 21, 1930. Republished Oct. 19.
Canned salmon, canned oysters, canned clams, etc. Roundup Grocery Company. 350,941, Oct. 12, 1937. Republished Oct. 19.
Canned soup. Seeman Brothers, Inc. 321,893, Feb. 19, 1935. Republished Oct. 19.
Canned tomato paste. Manteca Canning Company. 340,896, Nov. 24, 1936. Republished Oct. 19.
Canned tomatoes, canned tomato paste, canned fruit, canned vegetables. Manteca Canning Company. 279,724, Jan. 20, 1931. Republished Oct. 19.
Canned vegetables. F. M. Ball & Company. 416,941, Oct. 9, 1945. Republished Oct. 19.
Canned vegetables. A. W. Sisk & Son. 371,696, Oct. 3, 1939. Republished Oct. 19.
Canned vegetables and canned grapefruit juice. Quality Products, Inc. 388,398, June 24, 1941. Republished Oct. 19.
Cheese. Blue Moon Foods, Inc. 503,148, Oct. 19; Serial No. 535,467, published July 6, 1948.
Chewing gum. Bowman Gum, Inc. 503,168, Oct. 19; Serial No. 536,754, published July 20, 1948.
Chocolates. Johnson Biscuit Company. 97,057, May 19, 1914. Republished Oct. 19.
Coffee. Great Atlantic & Pacific Tea Company. 503,022, Oct. 19; Serial No. 527,465, published June 8, 1948.
Coffee. Paxton & Gallagher Co. 294,080, May 17, 1932. Republished Oct. 19.
Condiment similar to chili sauce. Paxton & Gallagher Co. 221,028, Nov. 23, 1926. Republished Oct. 19.
Confection, Chocolate flavored. Central Ohio Supply Co. 441,090, Oct. 19; Serial No. 517,970, published June 8, 1948.
Corn starch. Corn Products Refining Company. 102,064, Jan. 26, 1915. Republished Oct. 19.
Corn starch. National Starch Co. 87,357, July 9, 1912. Republished Oct. 19.
Corn starch. National Starch Company. 106,471, Oct. 19. Republished Oct. 19.
Corn syrup. Corn Products Refining Company. 379,758, July 23, 1940. Republished Oct. 19.
Corn syrup, Brewers'. Corn Products Refining Company. 344,393, Mar. 23, 1937. Republished Oct. 19.
Corn syrup, Highly converted. Corn Products Refining Company. 393,831, Mar. 3, 1942. Republished Oct. 19.
Cottage cheese. Producers Creamery Co. 282,090, Apr. 7, 1931. Republished Oct. 19.
Crackers and cookies, Soda. Robert A. Johnston Company. 74,050, June 15, 1909. Republished Oct. 19.
Dextrose, Pure crystallized. Corn Products Refining Company. 415,126, July 10, 1945. Republished Oct. 19.
Fish, Fresh, salt, and pickled. San Juan Fishing & Packing Co. 246,971, renewed Sept. 18, 1948. O. G. Oct. 19.
Flour, Wheat. Shellabarger Mills & Elevator Company. 245,532–4, renewed Aug. 14, 1948. O. G. Oct. 19.
Flour, Wheat. Shellabarger Mills & Elevator Company. 245,558, renewed Aug. 14, 1948. O. G. Oct. 19.
Flour, Wheat. Shellabarger Mills & Elevator Company. 247,484, renewed Sept. 25, 1948. O. G. Oct. 19.
Flour, Wheat. Shellabarger Mills & Elevator Company. 247,643, renewed Oct. 2, 1948. O. G. Oct. 19.
Food mixture and for making gravy, Jellum, Inc. 418,518, Jan. 1, 1946. Republished Oct. 19.

Food products in tin and glass receptacles. International Products Corporation. 317,357, Sept. 25, 1934. Republished Oct. 19.
Fruit, Fresh citrus. Chula Vista Citrus Association. 251,808, renewed Jan. 15, 1949. O. G. Oct. 19.
Fruit, Fresh citrus. Redlands Orangedale Association. 348,681, Aug. 3, 1937. Republished Oct. 19.
Fruits, Assorted dried, and shelled nuts and gift packages. Rancho Montecito. 503,319, Oct. 19; Serial No. 529,804.
Fruits, Fresh. Peshastin Fruit Growers Association. 211,231, Apr. 6, 1926. Republished Oct. 19.
Fruits, Fresh citrous. Dillard & Keene Company. 181,000, Mar. 11, 1924. Republished Oct. 19.
Fruits, Fresh citrus. Jos. Eichelberger & Company. 309,760, Jan. 30, 1934. Republished Oct. 19.
Fruits, Fresh citrus. Jos. Eichelberger & Company. 309,765, Jan. 30, 1934. Republished Oct. 19.
Fruits, Fresh citrus. Jos. Eichelberger & Co. 329,269, Oct. 22, 1935. Republished Oct. 19.
Fruits, Fresh citrus. Redlands Orangedale Association. 379,163, July 2, 1940. Republished Oct. 19.
Fruits, Fresh citrus. Redlands Orangedale Association. 398,238, Oct. 20, 1942. Republished Oct. 19.
Fruits, Fresh citrus, fresh deciduous fruit. Mutual Orange Distributors. 249,336, renewed Nov. 13, 1948. O. G. Oct. 19.
Fruits, Fresh deciduous, fresh citrus fruits, fresh vegetables, etc. Simons & French Company Incorporated. 297,854, Oct. 4, 1932. Republished Oct. 19.
Grapes, Fresh. Sun-Maid Raisin Growers of California. 252,223–4, renewed Jan. 29, 1949. O. G. Oct. 19.
Groceries, Wholesale. Louis Dobbratz Co. 232,581, renewed Sept. 13, 1947. O. G. Oct. 19.
Juice, Grapefruit. Quality Products, Inc. 397,489, Sept. 8, 1942. Republished Oct. 19.
Juice, Grapefruit and orange juice. Fruit Products Company of Florida. 251,744, renewed Jan. 15, 1949. O. G. Oct. 19.
Lettuce, Fresh, fresh apples, and peas, etc. Idaho Fruit & Produce Company. 353,616, Jan. 11, 1938. Republished Oct. 19.
Limestone, Pulverized. Western Lime Stone Products Company. 251,580, Jan. 8, 1929. Republished Oct. 19.
Meats, Cooked. International Products Corporation. 271,357, June 3, 1930. Republished Oct. 19.
Oats, Rolled, and macaroni. Holmstrom-Pilcher Co. 299,485, Dec. 6, 1932. Republished Oct. 19.
Olives and olive oil in tin and glass. Southern Tulare Olive Marketing Association. 409,361, Oct. 3, 1944. Republished Oct. 19.
Peanut butter. Cinderella Foods. 404,154, Nov. 2, 1943. Republished Oct. 19.
Peanut butter. Cinderella Foods. 404,309, Nov. 16, 1943. Republished Oct. 19.
Peanut butter. Cinderella Foods. 407,993, July 11, 1944. Republished Oct. 19.
Peanut butter. Cinderella Foods. 408,016, July 11, 1944. Republished Oct. 19.
Peanut butter. Cinderella Foods. 414,673, June 19, 1945. Republished Oct. 19.
Peanut butter. Cinderella Foods. 415,238, July 31, 1945. Republished Oct. 19.
Peanut butter. Cinderella Foods. 420,147, Mar. 26, 1946. Republished Oct. 19.
Peanut butter, cane and maple syrup, honey, etc. Tolerton & Warfield Company. 394,716, Apr. 28, 1942. Republished Oct. 19.
Pears, Fresh. California Fruit Exchange. 503,108, Oct. 19; Serial No. 533,001, published July 20, 1948.
Pickles. A. Pompeo. 417,946, Nov. 20, 1945. Republished Oct. 19.
Pickles. West Colorado Pickle Co. 441,102, Oct. 19; Serial No. 521,548, published July 20, 1948.
Poultry. Fresh dressed, butter and eggs. Omaha Cold Storage Company. 200,946, July 14, 1925. Republished Oct. 19.
Raisins. American Seedless Raisin Company. 381,517, Sept. 24, 1940. Republished Oct. 19.
Raisins. Dried. American Seedless Raisin Company. 198,282, May 12, 1925. Republished Oct. 19.
Salad dressing. Paxton and Gallagher Co. 305,301, Aug. 15, 1933. Republished Oct. 19.
Sirups, Cane-sugar. Godchaux Sugars, Inc. 231,097, renewed Aug. 9, 1947. O. G. Oct. 19.
Sugar derived from corn, Pure refined table. Corn Products Refining Company. 316,441, Aug. 28, 1934. Republished Oct. 19.
Tea biscuits. R. A. Johnston. 74,051, June 15, 1909. Republished Oct. 19.
Tomatoes, Fresh. Barfield Farms. 503,159, Oct. 19; Serial No. 536,220, published July 6, 1948.
Vegetables, Fresh. Parks & Brock. 420,028, Mar. 19, 1946. Republished Oct. 19.
Vegetables, Fresh. San Pat Vegetables Co. Inc. 370,272, Aug. 22, 1939. Corrected. O. G. Oct. 19.
Vegetables, Fresh. Schofel Brothers, Inc. 347,669, June 29, 1937. Republished Oct. 19.
Vegetables, Fresh. William L. Thompson Co. 370,789, Sept. 5, 1939. Republished Oct. 19.
Vinegar, Cider, tomato catchup, pickles, etc. Paxton & Gallagher Co. 211,665, Apr. 13, 1926. Republished Oct. 19.
Walnuts and vegetable shortening. Paxton and Gallagher Co. 382,963, Nov. 19, 1940. Republished Oct. 19.

CLASS 47

Vermouth, sparkling and still wines, etc. Martini & Rossi S. A. 311,119, Mar. 13, 1934. New certificate. O. G. Oct. 19.
Wine. J. C. Millett Co. 318,671, Oct. 30, 1934. Republished Oct. 19.
Wine. F. Pirrone & Sons. 385,065, Feb. 11, 1941. Republished Oct. 19.
Wine, Port. J. R. Parkington & Co., Ltd. 241,056, Apr. 17, 1928. Republished Oct. 19.
Wines. Martini & Rossi. 227,926, May 17, 1927. New certificate. O. G. Oct. 19.
Wines. F. Pirrone & Sons. 394,995, May 5, 1942. Republished Oct. 19.
Wines. Pleasant Valley Wine Company. 360,218, Sept. 13, 1938. Republished Oct. 19.
Wines, sparkling wines, and wine vermouth. Martini & Rossi. 185,413, June 17, 1924. New certificate. O. G. Oct. 19.

CLASS 48

Ale. Rainier Brewing Company. 381,216, Sept. 17, 1940. Republished Oct. 19.
Beer. Kingsbury Breweries Company. 308,986–7, Dec. 26, 1933. Republished Oct. 19.
Beer. Monarch Brewing Company. 338,557, Sept. 8, 1936. Republished Oct. 19.
Beer. Rainier Brewing Company. 379,551, July 16, 1940. Republished Oct. 19.
Beer. Rainier Brewing Company. 380,014, Aug. 6, 1940. Republished Oct. 19.
Beer. San Francisco Breweries Ltd. 69,364, re-renewed June 9, 1948. O. G. Oct. 19.
Beer. A. Schreiber Brewing Company. 80,443, Dec. 20, 1910. Republished Oct. 19.
Beer. United Breweries Company. 111,857, Aug. 8, 1916. Republished Oct. 19.

CLASS 49

Beverages, Alcoholic. Greenbros, Inc. 352,206, Nov. 23, 1937. Republished Oct. 19.
Brandy, cognac, gin, etc. Greenbros, Inc. 334,794, May 12, 1936. Republished Oct. 19.
Cordial. Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Campagnie. 62,370, re-renewed Apr. 30, 1947. O. G. Oct. 19.
Cordials and liqueurs, Alcoholic, rock and rye, gins, and whiskies. Anchor Liquor Company. 363,983, Jan. 17, 1939. Republished Oct. 19.
Liquors, Distilled alcoholic. Martini & Rossi. 114,260, Dec. 5, 1916. New certificate. O. G. Oct. 19.
Vermouth, cocktails, liquors, etc. Martini & Rossi S. A. 299,161, Nov. 22, 1932. New certificate. O. G. Oct. 19.
Whiskey. J. C. Millett Co. 314,414, June 26, 1934. Republished Oct. 19.
Whiskey. J. C. Millett Co. 388,659, July 1, 1941. Republished Oct. 19.
Whiskey, gin, rum, etc. Greenbros, Inc. 321,825, Feb. 19, 1935. Republished Oct. 19.
Whiskey, gin, rum, etc. Greenbros, Inc. 337,293, Aug. 4, 1936. Republished Oct. 19.
Whiskey, gin, rum, etc. Greenbros, Inc. 361,661, Oct. 25, 1938. Republished Oct. 19.
Whiskey, gin, rum, etc. Greenbros, Inc. 370,862, Sept. 12, 1939. Republished Oct. 19.
Whiskey, gin, rum, etc. Greenbros, Inc. 388,634, July 1, 1941. Republished Oct. 19.

CLASS 50

Beads, Reflective glass. B. & R. Manufacturing Company. 441,038, Oct. 19; Serial No. 507,103, published Dec. 30, 1947.
Caps and lids, Jar. Kerr Glass Manufacturing Corporation. 503,109, Oct. 19; Serial No. 533,171, published July 13, 1948.
Closures. Airdor Company. 503,048, Oct. 19; Serial No. 529,429, published July 20, 1948.
Closures, Bottle. Crown Cork & Seal Company, Inc. 503,243, Oct. 19; Serial No. 542,999, published July 20, 1948.
Clothes hanger, Detachable automobile. Har-Tal Car Clothes Hanger. 503,067, Oct. 19; Serial No. 531,031, published July 6, 1948.
Covers, Bowl, electric toaster covers, electric mixer covers, etc. Seymour Wallas & Company. 503,100, Oct. 19; Serial No. 532,647, published July 13, 1948.
Duck tents, awnings, paulins, etc. Marshall-Wells Hardware Co. 71,509, re-renewed Dec. 1, 1948. O. G. Oct. 19.
Electrotypes. Royal Electrotype Company. 503,076, Oct. 19; Serial No. 531,723, published July 13, 1948.
Flags of all types. Freece-Larsen, Inc. 425,401, Nov. 19, 1946. Republished Oct. 19.
Hangers, Garment. J. Pearl. 441,027, Oct. 19; Serial No. 499,569, published Aug. 5, 1947.
Hen's nests. C. G. Muehlfeld. 503,299, Oct. 19; Serial No. 504,060.
Papers, Coated and embossed, impregnated. Acme Backing Corporation. 503,124, Oct. 19; Serial No. 534,074, published July 6, 1948.
Scaffolds. Automatic Devices, Inc. 503,102, Oct. 19; Serial No. 532,676, published July 13, 1948.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 19TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Brooks, Eugene H., Dallas, Tex., assignor to Continental Gin Company. Cotton cleaning apparatus. Re. 23,044, Oct. 19.
Continental Gin Company, assignee: *See*—
Brooks, Eugene H.
Peremi, Edmund, Bayside, Long Island, and L. Toth, Flushing, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Window construction. Re. 23,045, Oct. 19.
Reconstruction Finance Corporation, assignee: *See*—
Peremi, Edmund and Toth.
Toth, Louis: *See*—
Peremi, Edmund and Toth.

LIST OF DESIGN PATENTEES

American Measuring Instruments Corporation, assignee: *See*—
Stern, Nathan S.
Bach, Alfons: *See*—
Cooper, Benjamin, Hohmann, and Bach.
Bahr, Harold A., Greendale, Wis. Counter decorative unit or the like. 151,424, Oct. 19.
Barosfsky, Jack, Los Angeles, Calif. Desk. 151,425, Oct. 19.
Bishop, Emerson C., Los Angeles, Calif. Advertising figurine. 151,426, Oct. 19.
Borg-Warner Corporation, assignee: *See*—
Keller, Leonard.
Bresn, Allan, Chicago, Ill. Hair comb. 151,427, Oct. 19.
Clark, Robert H., assignee: *See*—
Cruze, Charles F., and Killoran.
Clauss, Herman E., Affton, Mo. Vise-jar holder and support therefor. 151,428, Oct. 19.
Clauss, Herman E., Affton, Mo. Adjustable vise-jaw holder and support therefor. 151,429, Oct. 19.
Cohen, Sidney, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Suit. 151,430, Oct. 19.
Cooper, Benjamin, New York, N. Y., A. F. Hohmann, Teaneck, N. J., and A. Bach, Stamford, Conn.; said Hohmann and said Bach assignors to said Cooper. Lipped glass or similar article. 151,431, Oct. 19.
Coro, Inc., assignee: *See*—
Katz, Adolph.
Crowder, Wiley K., Detroit, Mich. Toy aircraft or similar article. 151,432, Oct. 19.
Cruze, Charles F., and R. H. Killoran, assignors to R. H. Clark, Los Angeles, Calif. Box. 151,433, Oct. 19.
Eames, Kenneth R., Worcester, Mass. Toy figure. 151,434, Oct. 19.
Eddy, William R., et al.: *See*—
St. Clair, Theodore A., and Eddy.
Epstein, Ralph, New York, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Display stand or similar article. 151,435, Oct. 19.
Ewing, Ralph, New York, N. Y. Handbag or similar article. 151,436, Oct. 19.
Ewing, Ralph, New York, N. Y. Handbag or similar article. 151,437, Oct. 19.
Ewing, Ralph, New York, N. Y. Handbag or similar article. 151438, Oct. 19.
Ewing, Ralph, New York, N. Y. Handbag or similar article. 151,439, Oct. 19.
Finkelstein, Nathan, New York, N. Y. Jacket. 151,440, Oct. 19.
Finkelstein, Nathan, New York, N. Y. Jacket. 151,441, Oct. 19.
Fitzgerald, James R., and Z. S. Levine, Duluth, Minn. Illuminable sign. 151,442, Oct. 19.
Forstner Chain Corporation, assignee: *See*—
Mealy, Charles A.
Fraim, E. T., Lock Company, assignee: *See*—
Fraim, Edward T., II.
Fraim, Edward T., II, assignor to E. T. Fraim Lock Company, Lancaster, Pa. Door knocker. 151,443, Oct. 19.
Gill, Marvin L., assignee: *See*—
Hallgarth, William.
Goldberg, Harry, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Jacket. 151,444, Oct. 19.
Green, Joseph, New York, N. Y. Musical toy or similar article. 151,445, Oct. 19.
Greenberger, Harry J., Morristown, N. J. Slip. 151,446, Oct. 19.
Haft, Morris W., & Bros., Inc., assignee: *See*—
Cohen, Sidney.
Goldberg, Harry.
Halbriter, Percy H., Los Angeles, Calif. Slide viewer. 151,447, Oct. 19.
Hallgarth, William, Hatboro, assignor of one-half to M. L. Gill, Lansdale, Pa. Frying pan. 151,448, Oct. 19.
Hohmann, Albert F., et al.: *See*—
Cooper, Benjamin, Hohmann, and Bach.
Instrumentaktiebolaget J. A. Palm, assignee: *See*—
Kihlberg, Åke J. E.
Jenkins, William E., Sierra Madre, Calif. Combined coaster and ash tray. 151,449, Oct. 19.
Johndraw, Wilbur, Buffalo, N. Y. Paint spraying device or similar article. 151,450, Oct. 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,451, Oct. 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,452, Oct. 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 151,453, Oct. 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 151,454, Oct. 19.
Keller, Leonard, Tuckahoe, N. Y., assignor to Borg-Warner Corporation, Chicago, Ill. Combination kitchen and laundry unit. 151,455, Oct. 19.
Kihlberg, Åke J. E., assignor to Instrumentaktiebolaget J. A. Palm, Stockholm, Sweden. Pencil sharpener. 151,456, Oct. 19.
Killoran, Rollin H.: *See*—
Cruze, Charles F., and Killoran.
Kreisler, Jacques, Manufacturing Corporation, assignee: *See*—
Epstein, Ralph.
Krueger, Albert R., et al.: *See*—
Krueger, Carl F. and A. R.
Krueger, Carl F., Webster Groves, and A. R. Krueger, Northwoods, Mo. Refreshment stand. 151,457, Oct. 19.
La Barre, Ernoll W., assignor of one-half to H. C. Leech, doing business as Herbert C. Leech Illustrators, New York, N. Y. Pressure cooker. 151,458, Oct. 19.
Lang, Irving M., New York, N. Y. Cuff link or similar article. 151,459, Oct. 19.
Leech, Herbert C., assignee: *See*—
La Barre, Ernoll W.
Leech, Herbert C., Illustrators, assignee: *See*—
La Barre, Ernoll W.
Levine, Zelman S.: *See*—
Fitzgerald, James R., and Levine.
Lindemann, Joseph S., assignee: *See*—
Mayfield, Jean B.
Mayfield, Jean B., assignor to J. S. Lindemann, New York, N. Y. Bottle. 151,460, Oct. 19.
Meadow, Leon E., New York, N. Y. Handbag. 151,461, Oct. 19.
Mealy, Charles A., East Orange, N. J., assignor to Forstner Chain Corporation. Display stand for watch bracelets and bands. 151,462, Oct. 19.
Meyer, Arthur L., New York, N. Y. Spoon or similar article of tableware. 151,463, Oct. 19.
Motorola, Inc., assignee: *See*—
Reinecke, Jean O.
Olsen, Niels H. F., Dearborn, Mich. Air filter. 151,464, Oct. 19.
Phillippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 151,465, Oct. 19.
Phillippe, Alfred, Scarsdale, assignor to Trifari, Krussman

& Fishel, Inc., New York, N. Y. Necklace or similar article. 151,466, Oct. 19.
Phillips Petroleum Company, assignee: *See*—
St. Clair, Theodore A., and Eddy.
Plastal Corporation, assignee: *See*—
Swikart, George.
Potts, Thomas A., Ware, and H. V. Waskiewicz, Warren, Mass. Collapsible utility boat. 151,467, Oct. 19.
Potts, Thomas A., Ware, and H. V. Waskiewicz, Warren, Mass. Collapsible kayak boat. 151,468, Oct. 19.
Reinecke, Jean O., Oak Park, Ill., assignor to Motorola, Inc. Automobile heater casing or the like. 151,469, Oct. 19.
Ross, Allan E., Vancouver, British Columbia, Canada. Electric iron. 151,470, Oct. 19.
St. Clair, Theodore A., and W. R. Eddy, Bartlesville, Okla., assignors to Phillips Petroleum Company. Gas regulator. 151,471, Oct. 19.
Schorr, Louis, Brooklyn, N. Y. Jewelry component. 151,472, Oct. 19.
Stahler, Robert C., Portsmouth, Ohio. Animal feeder. 151,473, Oct. 19.
Stern, Nathan S., assignor to American Measuring Instruments Corporation, New York, N. Y. Microfilm-reader casing. 151,474, Oct. 19.
Strassner, John F., New York, N. Y. Jacket. 151,475, Oct. 19.
Suman, Alwin L., Sierra Madre, Calif. Ceramic vase or similar article. 151,476, Oct. 19.
Swikart, George, Yonkers, assignor to Plastal Corporation, New York, N. Y. Spectacle case. 151,477, Oct. 19.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Union Cutlery Company, Inc., assignee: *See*—
Vevirit, James V.
Vevirit, James V., Kenmore, assignor to Union Cutlery Company, Inc., Olean, N. Y. Knife holder. 151,478, Oct. 19.
Waskiewicz, Helen V.: *See*—
Potts, Thomas A., and Waskiewicz.
Way, William P., Floral Park, N. Y. Light box for viewing color transparencies. 151,479, Oct. 19.
Weiss, Alexander C., Chicago, Ill. Salad server. 151,480, Oct. 19.
Williamowicz, John, Worcester, Mass. Eelskin rig for bass. 151,481 Oct. 19.
Wilson, Minnie B., Chagrin Falls, Ohio. Wallpaper. 151,482, Oct. 19.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 19TH DAY OF OCTOBER, 1948

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Adair, Russell S., Youngstown, Ohio. Control device for hydraulic steady-rest chucks. 2,451,705, Oct. 19.
Adams, Merrill L.: *See*—
Hearne, George W., and Adams.
Adel Precision Products Corp., assignee: *See*—
Kirkby, Raymond J.
Paxton, Donald D.
Strid, Carl J.
Advance Transformer Co., assignee: *See*—
Feinberg, Albert E.
Aero Supply Mfg. Co. Inc., assignee: *See*—
Beatty, Robert J. A.
Agriculture, The United States of America as represented by the Secretary of, assignee: *See*—
Le Mense, Elmer H., and Van Lanen.
Aimes, Francis M., Yonkers, N. Y. Drive control for air powered apparatus. 2,451,706, Oct. 19.
Ainsworth, Albert A., Savannah, Ga., C. A. Ainsworth, executrix of said A. A. Ainsworth, deceased, assignor to C. A. Ainsworth, Savannah, Ga. Picture corner mount. 2,451,646, Oct. 19.
Ainsworth, Clara A., executrix, assignee: *See*—
Ainsworth, Albert A.
Aktiengesellschaft Brown, Boveri & Cie., assignee: *See*—
Eichenberger, Ernst.
Aktiengesellschaft Fuer Technische Studien, assignee: *See*—
Villiger, Eugen and B.
Alba, Ralph T.: *See*—
Wallerstein, James S., and Alba.
Albree, George N., Winchester, Mass. Rearwardly striking firing mechanism. 2,451,527, Oct. 19.
Alexanderson, Ernst F. W., and F. G. Patterson, Schenectady, N. Y., assignors to General Electric Company. Radio landing apparatus. 2,451,793, Oct. 19.
Allen, John R., assignor to Manganese Products, Inc., Seattle, Wash. Treating intermediate manganese siliceous ores. 2,451,647, Oct. 19.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Wilson, William F.
American Brake Shoe Company, assignee: *See*—
Mantle, Burr W.
American Cabinet Hardware Corporation, Rockford, Ill., assignee: *See*—
Borchers, Earl M.
American Machine and Foundry Company, assignee: *See*—
Johnson, Carl W., and Neumair.
Kihn, George A.
American Meat Institute Foundation, assignee, et al.: *See*—
Kraybill, Henry R., and Beadle.
American Optical Company, assignee: *See*—
Ellis, Charles A.
American Rock Wool Corp., assignee: *See*—
Smith, Herbert C.
American Steel Foundries, assignee: *See*—
Baselt, Walter H.
Kinne, Edmund P., and Kayler.
American Viscose Corporation, assignee: *See*—
Boyce, Garfield L.
Anderson, Albert E., Holbrook, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Recorder. 2,451,464, Oct. 19.
Anderson, Carl E., assignee, et al.: *See*—
Nelson, Noble A.
Anderson, Gustave A., assignor to The International Handkerchief Mfg. Co., New York, N. Y. Blank advancing means. 2,451,648, Oct. 19.
Andreoli, Mario, Providence, R. I. Ornamental flower construction. 2,451,649, Oct. 19.
Armstrong, Fullerton G. G., Molescroft, Beverley, England. Valve arrangement. 2,451,707, Oct. 19.
Armstrong, James A., Downey, Calif. Method for separating worm-damaged nuts from sound nuts by immersion in a gravity liquid. 2,451,528, Oct. 19.
Arpin, Edmund P., Jr., Neenah, Wis. Rotary refiner. 2,451,708, Oct. 19.
Arrow-Hart Hegeman Electric Company, The, assignee: *See*—
Bentley, Robert H.
Associated Patentees, Inc., assignee: *See*—
Koch, Frederick.
Powers, Walter P.
Atkin, Kenneth C., Toledo, Ohio. Pistol grip motor casing. 2,451,650, Oct. 19.
Atlantic Refining Company, The, assignee: *See*—
Ferris, Seymour W.
Gzemski, Felix C.
Myers, William A., and Hall.
Van Hartesveldt, Carroll H.
Woodcock, Charles H.
Attapulgus Clay Company, assignee: *See*—
La Lande, William A., Jr.
Attorney General of the United States of America, Vested in the: *See*—
Salomon, François M. M. B.
Auburn, Basil J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for reel motors. 2,451,901, Oct. 19.
Automatic Pump & Softener Corporation, assignee: *See*—
Johnson, Bruce W., and Bullerjahn.
Automatic Steel Products, Inc., assignee: *See*—
Wickwire, Arthur M., and Zimmermann.
Avimo Limited, assignee: *See*—
Stevens, Herbert C. M.
Bacon, Kenneth D.: *See*—
Young, Arthur E., and Bacon.
Bakelite Corporation, assignee: *See*—
Wheeler, William R.
Baldwin, Joseph P., assignor to King Ranch, Inc., Kingsville, Tex. Saddle horn. 2,451,651, Oct. 19.
Baldwin Locomotive Works, The, assignee: *See*—
Macgeorge, William D.
Balsam, Henry M.: *See*—
Balsam, Maurice M. and H. M.
Balsam, M. M., Inc., assignee: *See*—
Balsam, Maurice M. and H. M.
Balsam, Maurice M. and H. M., assignors to M. M. Balsam, Inc., New York, N. Y. Machine for folding sheets of thermoplastic and like material. 2,451,794, Oct. 19.
Barker, Virgil D., Westfield, N. J. Rotary pump. 2,451,603, Oct. 19.
Barker, William A., and T. B. Clarke, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Work shifting mechanism for heel-attaching machines. 2,451,529, Oct. 19.
Barnes, Joseph H., assignor to Delaware Rayon Company, New Castle, Del. Thread guide holder. 2,451,795, Oct. 19.
Barnes, William E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for measuring density of a thixotropic fluid. 2,451,604, Oct. 19.
Barnes, William E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for measuring density of a thixotropic fluid. 2,451,605, Oct. 19.
Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transversal filter. 2,451,465, Oct. 19.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Cooled brake rotor. 2,451,709, Oct. 19.
Bassani, Laurent and Gaston Gagnepain, Paris, France. Color cinematography on lenticular films. 2,451,902, Oct. 19.
Bauman, John J., Abington, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Refrigerator having a heat dissipating device for the electric motor thereof. 2,451,903, Oct. 19.
Baylis, Albert H.: *See*—
Lindstrom, Ture and Baylis.
Bazelon, Jacob L., Chicago, Ill. Shampoo board. 2,451,652, Oct. 19.
Bazelon, Jacob L., Chicago, Ill. Shampoo board. 2,451,653, Oct. 19.
Beadle, Buell W.: *See*—
Kraybill, Henry R., and Beadle.
Beard, Edward A., Marseilles, Ill. Electric fence insulator. 2,451,530, Oct. 19.
Beatty, Robert J. A., Dayton, Ohio, assignor to Aero Supply Mfg. Co., Inc., Corry, Pa. Locating tool. 2,451,904, Oct. 19.
Bechberger, Paul F., Tenafly, assignor to Bendix Aviation Corporation, Teterboro, N. J. Orientation system. 2,451,710, Oct. 19.
Beder, Samuel L., assignor of one-half to Irwin F. Mills Associates, New York, N. Y. Sand pail. 2,451,711, Oct. 19.
Beede, Herbert G.: *See*—
Lornitzo, Frank C., and Beede.
Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Window structure. 2,451,654, Oct. 19.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Barney, Harold L.
Buchanan, Russell B.
Edson, James O., and Terry.
Gould, King E., and Mertz.
Holdaway, Vivian L.
Joel, Amos E., Jr.
Moore, Hilbert R.
Oliver, Bernard M.

Bendix Aviation Corporation, assignee: *See*—
Bechberger, Paul F.

Benninger, Edward: *See*—
Villiger, Eugen and Benninger.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric wire terminal. 2,451,466, Oct. 19.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Reverse action switch control. 2,451,905, Oct. 19.

Berkoff, Seymour, Bridgeport, Conn., assignor to General Electric Company. Phase shifting circuit. 2,451,796, Oct. 19.

Berman, Henry L., Jamaica, N. Y. Foot medication applicator. 2,451,906, Oct. 19.

Betteridge, Walter and E. R. Gadd, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Bearing alloy. 2,451,907, Oct. 19.

Beusch, Willi, assignor to Landis & Gyr, A-G., Zug, Switzerland. Remote indicating plant operating on the impulse compensation method. 2,451,606, Oct. 19.

Bickel, Bruce T., assignor to The Standard Register Company, Dayton, Ohio. Strip feeding device. 2,451,467, Oct. 19.

Bienfait, Henri, and P. C. van der Willigen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coated welding rod. 2,451,655, Oct. 19.

Binash, Albert H., Oak Park, W. A. Tull, Midlothian, and R. T. Gautney, Chicago, Ill. Chiropractic machine. 2,451,607, Oct. 19.

Birch, Catherine R., executrix: *See*—
Birch, John W.

Birch, John W., Washington, D. C.; C. R. Birch, executrix of said J. W. Birch, deceased. Power-driven conveyer attachment for dump trucks. 2,451,656, Oct. 19.

Blackbourn, Joseph N., Prairie du Chien, Wis. Building block. 2,451,657, Oct. 19.

Blanchard, André, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Apparatus for producing pressure pulses in boreholes. 2,451,797, Oct. 19.

Blau, Marietta, assignor to Canadian Radium and Uranium Corporation, New York, N. Y. Method and apparatus for detecting changes in dimensions. 2,451,908, Oct. 19.

Bobe, Stanley A., Atlanta, Ga., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series generator-fed motor system. 2,451,909, Oct. 19.

Bock, Ashley P., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical discharge tube circuits. 2,451,910, Oct. 19.

Boots Pure Drug Company, Limited, assignee: *See*—
Short, Wallace F. and Oxley.

Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill. Catch. 2,451,798, Oct. 19.

Borell, George L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Cabin pressure control means. 2,451,608, Oct. 19.

Boyce, Garfield L., Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Winding of yarn. 2,451,468, Oct. 19.

Boynton, Earl S.: *See*—
O'Brien, Joseph F., and Boynton.

Braden, Vally N., assignor to Wingfoot Corporation, Akron, Ohio. Liquid-hydrocarbon-resistant container. 2,451,911, Oct. 19.

Bradley, Burt J., Boise, Idaho. Wire tightener. 2,451,531, Oct. 19.

Bradley, Wilburn F., Hollywood, Ill. Loading device for plastic molding machines. 2,451,912, Oct. 19.

Brandon, Howard, assignee, et al.: *See*—
Nelson, Noble A.

Breen, Ormiston J.: *See*—
Buchanan, Stephen N., and Breen.

Bremner, John G. M., and D. G. Jones, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Acrolein and ethylene by pyrolysis of dihydropyran. 2,451,712, Oct. 19.

Breslee Mfg. Company, assignee: *See*—
Gardner, Arthur A., and MacCormack.

Brice, Walter J., White Plains, N. Y. Plastic ornamental article. 2,451,913, Oct. 19.

Brickman, A. W., trustees, et al.: *See*—
Kraybill, Henry R., and Beadle.

Bristol Aeroplane Company Limited, The, assignee: *See*—
Betterridge, Walter and Gadd.

Brophy, Gerald R., Westfield, and A. J. Miller, Elizabeth, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Steels and structural embodiments thereof for use at low temperatures. 2,451,469, Oct. 19.

Brown, Davis, Los Angeles, and J. D. Rossier, Compton, Calif.; said Rossier assignor to said Brown. Sewer pipe off-bearing and finishing machine. 2,451,713, Oct. 19.

Brown, Felix E., Bethlehem, Pa. Battery holding device. 2,451,532, Oct. 19.

Brown Instrument Company, The, assignee: *See*—
Wild, Rudolf F.

Brown, W. R., Corporation, assignee: *See*—
Brown, William R.

Brown, William R., assignor to W. R. Brown Corporation, Chicago, Ill. Valve structure. 2,451,799, Oct. 19.

Brush Development Company, The, assignee: *See*—
Massa, Frank.

Buchanan Electrical Products Corporation, assignee: *See*—
Buchanan, Stephen N., and Breen.

Buchanan, Russell B., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Arresting hook device for grounded aircraft pilot trainers. 2,451,609, Oct. 19.

Buchanan, Stephen N., Westmoreland Hills, Md., and O. J. Breen, East Greenbush, N. Y., assignors to Buchanan Electrical Products Corporation. Terminal clip for electrical conductors. 2,451,800, Oct. 19.

Bucher, Francis X.: *See*—
Mumma, Robert E., and Bucher.

Buchmann, Abe, Cincinnati, Ohio. Toy. 2,451,801, Oct. 19.

Buckeye Laboratories Corporation, The, assignee: *See*—
Egger, Charles J., and Webster.

Buckley, John, Georgetown, Colo. Vehicle anchor device. 2,451,470, Oct. 19.

Budd Company, The, assignee: *See*—
Sweeney, Edward J.

Budzyna, Walter J., East Douglas, assignor to Draper Corporation, Hopedale, Mass. Dagger stop for looms. 2,451,914, Oct. 19.

Buffham, Robert C., Racine, Wis. Absorbent drip pad for toilet tanks. 2,451,714, Oct. 19.

Bugatti, Ettore, Paris, France. Mounting of grinding wheels, especially on grinding machines. 2,451,658, Oct. 19.

Bullerjahn, Adolph D.: *See*—
Johnson, Bruce W., and Bullerjahn.

Buresh, Francis M., Blandford, Mass., assignor of one-half to George F. Buresh, Cedar Rapids, Iowa. Machine and method for forming fiber webs. 2,451,915, Oct. 19.

Buresh, George F., assignee: *See*—
Buresh, Francis M.

Burgess, Everett H.: *See*—
Lehane, Timothy J., and Burgess.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of a co-precipitated gel catalyst. 2,451,471, Oct. 19.

Burrus, Paul B., and Merton C. Leinberger, Dayton, Ohio, assignor, by mesne assignments, to Worthington Pump and Machinery Corporation. Cam. 2,451,802, Oct. 19.

Caldwell, William E., assignor to Carman & Co., Inc., New York, N. Y. Injector apparatus. 2,451,715, Oct. 19.

Callinan, Thomas D., Pittsfield, Mass., assignor to General Electric Company. Coating asbestos. 2,451,805, Oct. 19.

Calvert, Francis E., assignor to The Drackett Company, Cincinnati, Ohio. Recovery of proteins from soybeans in presence of blanketing agents and enzyme inhibitors. 2,451,659, Oct. 19.

Campbell, Donald L., Roselle Park, H. Z. Martin, Elizabeth, and C. W. Tyson, Summit, N. J., assignors to Standard Oil Development Company. Contacting solids and gases. 2,451,803, Oct. 19.

Campbell, Donald L., Short Hills, H. Z. Martin, Elizabeth, and E. V. Murphree and C. W. Tyson, Summit, N. J., assignors to Standard Oil Development Company. Method of and apparatus for contacting solids and gases. 2,451,804, Oct. 19.

Campbell, Kenneth N., South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 4-alkyl-quinolines. 2,451,610, Oct. 19.

Campbell, Kenneth N., South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 4-alkyl-quinolines. 2,451,611, Oct. 19.

Canadian Radium and Uranium Corporation, assignee: *See*—
Blau, Marietta.
Rosenblum, Solomon.

Candy, Albert M., La Grange, assignor, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill. Mechanism for stud welding guns and the like. 2,451,716, Oct. 19.

Cannon, Paul Haven, Rome, Ga., assignor, by mesne assignments, to Celanese Corporation of America. Producing improved yarn. 2,451,533, Oct. 19.

Carman & Co., Inc., assignee: *See*—
Caldwell, William E.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Komorowski, Stanley A.

Carson, Percy A., East Cleveland, Ohio, assignor to General Electric Company. Cushioned display container. 2,451,806, Oct. 19.

Case, J. I., Company, assignee: *See*—
Hedquist, Milton T., and Haley.

Catizone, Daniel, New York, N. Y. Infant's garment 2,451,807, Oct. 19.

Celanese Corporation of America, assignee: *See*—
Cannon, Paul H.

Celotex Corporation, The, assignee: *See*—
Krajci, Samuel, and Savage.

Chain Belt Company, assignee: *See*—
Hilkemeier, Louis G., and Viall.

Chapin, Reynold S., Flushing, assignor to Press Wireless, Inc., New York, N. Y. Radio telegraph receiving system. 2,451,916, Oct. 19.

Check, Frank M., Sr., Stratford, Conn. Bending ball arbor. 2,451,717, Oct. 19.

Chicago Bridge & Iron Company, assignee: *See*—
Horton, George T.

Chilowsky, Constantin, New York, N. Y. Method of and apparatus for controlling the flight of dirigible aerial torpedoes. 2,451,917, Oct. 19.

Chott, George A., assignor of one-half to H. J. Chott, Riverside, Ill. Dental polishing cup. 2,451,918, Oct. 19.

Chott, Hugo J., assignee: *See*—
Chott, George A.

Christensen, Sofus, Valley Stream, assignor to Graham Company, Inc., New York, N. Y. Machine for weighing and packing mixed nuts or the like. 2,451,534, Oct. 19.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Floating cowl fastener construction. 2,451,808, Oct. 19.

Cinch Manufacturing Corporation, assignee: *See*—
Del Camp, Scipione M.

Clark, Andrew B. and K. C., Watsonville, Calif. Vehicle coupler. 2,451,660, Oct. 19.

Clark Equipment Company, assignee: *See*—
Gunning, Alfred W.

Clark, Harry F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Multiple control. 2,451,535, Oct. 19.

Clark, James L., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War. Variable inductance device. 2,451,809, Oct. 19.

Clark, Kenneth C.: *See*—
Clark, Andrew B. and K. C.

Clarke, Thomas B.: *See*—
Barker, William A., and Clarke.

Clarkson, Robert J., Winnsboro, S. C., assignor to United States Rubber Company, New York, N. Y. Making stretchable yarn. 2,451,919, Oct. 19.

Clausen, DeWitt: *See*—
Yeomans, Lucien L., and Clausen.

Clausen, Sigurd, New York, N. Y., assignor to International Cigar Machinery Company. Cigar wrapper cutting and transfer mechanism. 2,451,920, Oct. 19.

Cochrane, Richard M., West Springfield, assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Dual firing rate oil burner apparatus. 2,451,661, Oct. 19.

Coffman, Donald D., and L. F. Salisbury, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of unsaturated fluorohydrocarbons. 2,451,612, Oct. 19.

Coggeshall, Norman D., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Cementing wells. 2,451,472, Oct. 19.

Cohen, Arthur M., New Rochelle, N. Y., assignor to Ward Leonard Electric Company. Electromagnetic controller. 2,451,810, Oct. 19.

Coleman, Edwin D., Maywood, Ill. Bridge structure for pH measurement device. 2,451,663, Oct. 19.

Conquest, Victor, trustees, et al.: *See*—
Kraybill, Henry R., and Beadle.

Cook, John, Ridgewood, N. J. Unwinding device. 2,451,662, Oct. 19.

Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rotary amplifier. 2,451,921, Oct. 19.

Cooper, Eli G., Great Barrington, Mass., assignor to the United States of America, as represented by the Secretary of War. Cheek pad for firearms. 2,451,473, Oct. 19.

Corbett, Herbert A.: *See*—
De Witt, William J., and Corbett.

Corning Glass Works, assignee: *See*—
Daudt, William H.

Corrao, Beatrice M., Brooklyn, N. Y. Baby bottle holder. 2,451,718, Oct. 19.

Cox, Andrew J., Falls Mills, assignor of one-half to Renick J. Cox, Bluefield, Va. Coal drill and chuck. 2,451,922, Oct. 19.

Cox, Renick J., assignee: *See*—
Cox, Andrew J.

Cox, Richard A., Gainesville, and L. D. Hartsfield, Lake City, Fla. Bottle holder. 2,451,923, Oct. 19.

Craig, Edward C., United States Navy. Dual tube pneumatic life prtserver belt. 2,451,474, Oct. 19.

Craig, Edward C., and L. A. Straits, United States Navy. Dual tube pneumatic life preserver belt. 2,451,475, Oct. 19.

Crosby, George A.: *See*—
Leslie, John H., II, and Crosby.

Crowley, John A., Jr., Scarsdale, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Apparatus for contacting solids with gaseous reactants. 2,451,924, Oct. 19.

Crown Cork Specialty Corporation, assignee: *See*—
Rau, Harry A.

Cupery, Martin E., Brandywine Hundred, and H. S. Rothrock, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diallyl diglycolate-styrene copolymer. 2,451,536, Oct. 19.

Curtis Companies Incorporated, assignee: *See*—
Bell, Forrest F.

Curtis Pump Company, assignee: *See*—
Curtis, Russell R.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump valve construction. 2,451,925, Oct. 19.

Curtiss-Wright Corporation, assignee: *See*—
Knudsen, Erling M.

Cuttino, William H.: *See*—
Geiselman, Ralph A., and Cuttino.

Daily, John L., Johnstown, Pa. Corner fastener for plaster laths. 2,451,811, Oct. 19.

Dallin, Milton R., Salt Lake City, Utah. Electric air heater. 2,451,926, Oct. 19.

Danforth, Richard S., Berkeley, Calif. Anchor. 2,451,719, Oct. 19.

Darby, Paul F., Long Hill, Conn., and L. A. Nevala, Richland, Wash., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Electrical conductivity testing machine. 2,451,613, Oct. 19.

Darnall, James C., Hyattsville, Md. Exterior bomb container for aircraft. 2,451,476, Oct. 19.

Darsie, Burns, Bayonne, N. J., assignor to Electric Boat Company, Groton, Conn. Gun aiming and firing means. 2,451,614, Oct. 19.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,451,537, Oct. 19.

Daudt, William H., assignor to Corning Glass Works, Corning, N. Y. Organo-disiloxane and methods of preparing it. 2,451,664, Oct. 19.

Davis, Marian Van Trine, assignee, et al.: *See*—
Van Trine, Ralph.

Davis, Thomas J., San Francisco, Calif. Centering device. 2,451,720, Oct. 19.

Dawson, Charles R.: *See*—
Keil, Harr, Dawson, and Wasserman.

Dec, Joseph: *See*—
Strain, William H., and Dec.

Deere & Company, assignee: *See*—
Oehler, William P.

Dehmel, Richard C., Summit, N. J. Automatic magnetic apparatus for simulating radio range signals. 2,451,927, Oct. 19.

De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Variable capacity pump. 2,451,666, Oct. 19.

Delaware Rayon Company, assignee: *See*—
Barnes, Joseph H.

Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Tube socket for radio and like tubes. 2,451,538, Oct. 19.

De Luxe Products Corporation, assignee: *See*—
Flint, Charles R.

Dempster, George R., Knoxville, Tenn. Transporting and dumping equipment. 2,451,721, Oct. 19.

Denning, Stephen, assignor to E. L. Ruddy Company, Limited, Toronto, Ontario, Canada. Neon lighting equipment. 2,451,539, Oct. 19.

Desch, Joseph R., E. V. Gulden, and R. E. Mumma, assignors to The National Cash Register Company, Dayton, Ohio. Electron tube variable impulse transmitter. 2,451,812, Oct. 19.

De Witt, William J., and H. A. Corbett, assignors to Shoe Form Co. Inc., Auburn, N. Y. Fishhook making machine. 2,451,477, Oct. 19.

Di Bartolomeo, Joseph A., Baltimore, Md. Children's vehicle. 2,451,665, Oct. 19.

Dickerson, Paul M., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device having an electron beam passage and aligning means therewith for the cathode. 2,451,813, Oct. 19.

Dickey, Joseph B., and E. B. Towne, assignors to Eastman Kodak Company, Rochester, N. Y. Aminoanthraquinone dye compounds containing a trifluoromethyl group. 2,451,478, Oct. 19.

Diehl, Walter S., United States Navy. Airflow stabilizer. 2,451,479, Oct. 19.

Dinyer, Frank J., Mandan, N. Dak. Inhaler. 2,451,540, Oct. 19.

Dissel, Theodore A., Hartford, and I. L. Newell, Wethersfield, assignors to United Aircraft Corporation, East Hartford, Conn. Deicing composition for aircraft parts and surfaces. 2,451,814, Oct. 19.

Dixon, Thomas F.: *See*—
Weltman, William C., and Dixon.

Dodge, Ronald O., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Power-operated skip tabulating mechanism for typewriting machines. 2,451,722, Oct. 19.

Doerr, Keith: *See*—
Doerr, Raymond and K.

Doerr, Raymond and K., assignors to H. B. Sherman Manufacturing Co., Battle Creek, Mich. Ball-bearing valve stem. 2,451,928, Oct. 19.

Doman, Glidden S., Stamford, assignor to United Aircraft Corporation, East Hartford, Conn. Dynamic balancer for rotor blades. 2,451,541, Oct. 19.

Dombrow, Bernard A.: *See*—
Miskel, John F., and Dombrow.

Domoj, John J.: *See*—
Elder, Robert M., and Domoj.

Donnell, Lloyd H., Chicago, Ill., and E. L. Shaw, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Airship. 2,451,815, Oct. 19.

Dorgin, Abraham L., New York, N. Y. Inner sole. 2,451,929, Oct. 19.

Dow Chemical Company, The, assignee: *See*—
Young, Arthur E., and Bacon.

Drackett Company, The, assignee: *See*—
Calvert, Francis E.

Draper Corporation, assignee: *See*—
Budayna, Walter J.

Driver-Harris Company, assignee: *See*—
German, Howard M.

Dube, Aimee J., Troy, N. Y. Toy. 2,451,542, Oct. 19.

Ducey, Francis E., Midland, Mich. Infant's chair. 2,451,667, Oct. 19.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Tidik, Stephen, and Steadman.

Dunajeff, Leonid A., Havre de Grace, Md. Synchronized motor control. 2,451, 930, Oct. 19.

Dunn, George B., Schenectady, N. Y., assignor to General Electric Company. Web break detector. 2,451,816, Oct. 19.

Dunn, Herman J., New Haven, Conn. Brush support. 2,452,025, Oct. 19.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Campbell, Kenneth N.
Coffman, Donald D., and Salisbury.
Cupery, Martin E., and Rothrock.
Gray, Hugh W.
Gresham, William F.
Loder, Donald J.
Mehler, Albert J., Jr.
Nichols, James B.
Pitzl, Gilbert.
Schreiber, Richard S.
Vincent, John R.
Walker, Kenneth E.
Weber, Arthur G., and Hamblet.

Eagle, Harold S., Strathfield, near Sydney, New South Wales, Australia. Gearing connecting oppositely rotating shafts. 2,451,723, Oct. 19.

Eastman Kodak Company, assignee: *See*—
Dickey, Joseph B., and Towne.
Strain, William H., and Dec.

Edell, Richard A., Montgomery, Minn. Automatic headlight dimmer. 2,451,543, Oct. 19.

Edelmann, Harry, Cleveland, Ohio. Consecutive ruling machine. 2,451,931, Oct. 19.

Edgar, David: *See*—
Knowlton, Cutler, D., and Edgar.

Edson, James O., Great Kills, and D. M. Terry, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Subharmonic generator. 2,451,480, Oct. 19.

Egger, Charles J., and R. H. Webster, Cleveland, Ohio, assignors to The Buckeye Laboratories Corporation. Process and apparatus for reconditioning contaminated oil. 2,451,668, Oct. 19.

Eichenberger, Ernst, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Gas blast circuit breaker. 2,451,669, Oct. 19.

Eitel-McCullough, Inc., assignee: *See*—
Howes, Gordon T.

Elder, Robert M., and John J. Domoj, Philadelphia, Pa. Bracing device for bombs on aircraft. 2,451,481, Oct. 19.

Electric Boat Company, assignee: *See*—
Darsie, Burns.

Electrical Industries, Inc., assignee: *See*—
Wyman, John H.

Electrolux Corporation, assignee: *See*—
Wahlberg, Eric C., and Lampe.

Electronic Laboratories, Incorporated, assignee: *See*—
Wise, Herman J.

Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Adjustable perimeter target. 2,451,932, Oct. 19.

Emery, Roscoe C., assignee, executor, co-trustee, et al.: *See*—
Lyon, Alfred L.

England, Elmer A., Kalamazoo, Mich. Rope or wire tightener. 2,451,933, Oct. 19.

English Electric Company Limited, The assignee: *See*—
Smart, David L.

Evans, Clarence A., Atlanta, Ga. Molding hollow objects. 2,451,934, Oct. 19.

Evans, John, Hightstown, N. J., assignor to Radio Corporation of America. Super high frequency wattmeter. 2,451,724, Oct. 19.

Extruded Plastics, Inc., assignee: *See*—
Slaughter, Charles E.

Fairchild Engineering Company, assignee: *See*—
Le Greid, Erwin L.

Farrell, Robert W., New York, N. Y. Film viewing device. 2,451,544, Oct. 19.

Favre, Edward A., Waltham, Mass. Safety window seat. 2,451,670, Oct. 19.

Feinberg, Albert E., assignor to Advance Transformer Co., Chicago, Ill. Gaseous discharge lamp circuit. 2,452,026, Oct. 19.

Ferris, Seymour W., Mount Holly, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Dewaxing of hydrocarbon oils. 2,451,545, Oct. 19.

Fetterly, Lloyd C., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Regenerating spent aqueous alkaline solution. 2,451,817, Oct. 19.

Feucht, Albert, Garfield Heights Ohio, assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis. Throttle valve for stoppers. 2,451,671, Oct. 19.

Fidelity Union Trust Company, executor: *See*—
Madden, Harry D.

Filbey, Emery T., trustees, et al.: *See*—
Kraybill, Henry R., and Beadle.

Flanagan, Robert M., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Machine for gauging and assorting cartridges according to height of primers. 2,451,615, Oct. 19.

Flint, Charles R., La Porte, Ind., assignor to The De Luxe Products Corporation. Sparking device. 2,451,482, Oct. 19.

Flora, Laurence H.: *See*—
Tinnerman, George A., and Flora.

Flory, Paul J., Kent, assignor to Wingfoot Corporation, Akron, Ohio. Nitriles. 2,452,012, Oct. 19.

Flowers, Leola W.: *See*—
Flowers, Ralph G., and L. W.

Flowers, Ralph G., and L. W., Pittsfield, Mass., assignors to General Electric Company. Vinylphenoxthines and preparing the same. 2,451,818, Oct. 19.

Forton, Harold R., Greenback, Tenn. Method and apparatus for forming a powder from metals. 2,451,546, Oct. 19.

Foster, Newton C., McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cast polymerizatdion. 2,451,935, Oct. 19.

Franklin, Albert W., New York, assignor of one-half to J. Foster, Brightwaters, N. Y. Making a structural unit. 2,451,725, Oct. 19.

Freevol, Harold, assignee, et al.: *See*—
Nelson, Noble A.

Friend, Albert W., Collingswood, N. J., assignor to Radio Corporation of America. Power supply. 2,452,013, Oct. 19.

Frisch, Erling, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Propulsion drive. 2,451,936, Oct. 19.

Frosch, Alex, Houston, Tex., assignor to Standard Oil Development Company. Induction maguetometer. 2,451,819, Oct. 19.

Frost, H., and Company, Limited, assignee: *See*—
Perrino, Albert E. B.

Fry, Donald R., East Greenbush, N. Y. Dry cell depolarizing and reconditioning device. 2,451,726, Oct. 19.

Fulton, Claude C., Florissant, Mo. Attachable traction lug rim. 2,451,937, Oct. 19.

G. and H. Hosiery Company, Inc., assignee: *See*—
Grove, Cornelius S., Sr., Pittman, and McKinney.

Gadd, Ernest R.: *See*—
Betteridge, Walter, and Gadd.

Gagnepain, Gaston: *See*—
Bassani, Laurent, and Gagnepain.

Garbuny, Max, and R. E. Hull, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor electric device. 2,451,938, Oct. 19.

Gardner, Arthur A., and J. G. MacCormack, assignors to Breslee Mfg. Company, New York, N. Y. Heat-sealing apparatus. 2,451,728, Oct. 19.

Gardner, Ulrick K., Montgomery, Ala. Flange facing tool. 2,451,729, Oct. 19.

Garland Charles R., Hollywood, Calif. Piston pin holder attachable to conventional vise jaws. 2,451,727, Oct. 19.

Garrett, Elmer E., Freeport, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Apparatus for exposing and processing photographic film. 2,451,820, Oct. 19.

Gasoteria Corporation, assignee: *See*—
Rush, Leo E.

Gautney, Roy T.: *See*—
Binash, Albert H., Tull, and Gautney.

Geigy, J. R., A.-G., assignee: *See*—
Schetty, Guido.

Geiselman, Ralph A., and William H. Cuttino, Wilkinsburg, assignors to Westinghouse Electric Corporation, Pittsburgh, Pa. Automatic switching system. 2,451,939, Oct. 19.

Gendusa, Michel J., New Orleans, La. Doughnut glazing machine. 2,451,940, Oct. 19.

General Aniline & Film Corporation, assignee: *See*—
Hanford, William E.

General Electric Company, assignee: *See*—
Alexanderson, Ernst F. W., and Patterson.
Berkoff, Seymour.
Callinan, Thomas D.
Carson, Percy A.
Dunn, George B.
Flowers, Ralph G., and L. W.
Hinman, Donald D.
Johnson, Wilfrid E.
Kelm, Donald B.
Kubler, Ernest F.
McArthur, Elmer D.
Mork, Raymond P.
Oakley, Henry D.
Rochow, Eugene G.
Stimson, Allen G.
Storm, Herbert F., and Hutton.

General Motors Corporation, assignee: *See*—
Clark, Harry F.
Pearce, George C.

General Register Corporation, assignee: *See*—
Webb, Christopher F.
Weingart, Richard I. N., and Torkelson.

General Tire & Rubber Company, The, assignee: *See*—
Te Grotenhuis, Theodore A.

Geophysical Research Corporation, assignee: *See*—
Millikan, Charles V.

German, Howard M., East Orange, assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,451,547, Oct. 19.

Gerspacher, Robert E.: *See*—
Miller, William A., and Gerspacher.

Gibson, Donald L.: *See*—
Mueller, Erich O., and Gibson.

Gilbert & Barker Manufacturing Company, assignee: *See*—
Cochrane, Richard M.
De Lancey, Warren H.
Logan, Joseph A.

Globe Hoist Company, assignee: *See*—
Thompson, Elmer B.

Globe-Union Inc., assignee: *See*—
Wolff, Robert L., and Weber.

Glover, John E., Jr., Queens Village, and J. C. Hanson, Hicksville, N. Y., assignor to Republic Aviation Corporation. Flexible connection and seal. 2,451,941, Oct. 19.

Goin, Floyd I., Independence, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Automatic stop and lock for machines for gauging cartridges. 2,451,616, Oct. 19.

Goldsmith, Hugo, assignor to Sport Products, Inc., Cincinnati, Ohio. Making protective helmets. 2,451,483, Oct. 19.

Gorin, Everett, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Chlorination of paraffinic hydrocarbons. 2,451,821, Oct. 19.

Gould, King E., Fanwood, N. J., and P. Mertz, Bellerose, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode-ray signal utilizing means. 2,451,484, Oct. 19.

Graham Company, assignee: *See*—
Christensen, Sofus.

Gray, Hugh W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alcohol insoluble nitrogen substituted polyamides. 2,451,672, Oct. 19.

Gray, Kenneth R.: *See*—
Schlosser, Paul H., and Gray.

Grebowiec, Michael J., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Packaging machine. 2,451,617, Oct. 19.

Greenbowe, James W., executor: *See*—
Madden, Harry D.

Greenlee, Harry R., Indianapolis, assignor to The Studebaker Corporation, South Bend, Ind. Detent means. 2,451,730, Oct. 19.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of N-alkyl diethanolamines. 2,451,942, Oct. 19.

Groen, Willem, and R. F. Onsrud, assignors to Onsrud Machine Works, Inc., Chicago, Ill. Swarf milling machine. 2,451,548, Oct. 19.

Gross, Henry R., Chicago, Ill. Combined thermal and magnetic flasher switch. 2,451,618, Oct. 19.

Grote Manufacturing Company, The, assignee: *See*—
Ryder, Charles D.

Grove, Cornelius S., Sr., J. V. McKinney, and S. Pittman, assignors to G. and H. Hosiery Company, Inc., Hickory, N. C. Wrap stripe attachment for knitting machines. 2,451,673, Oct. 19.

Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Distance and speed indicating system. 2,451,822, Oct. 19.

Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Direction finding system. 2,451,823, Oct. 19.

Guanella, Gustav, Zurich, and P. Güttinger, Wettingen, Switzerland, assignors to Radio Patents Corporation, New York, N. Y. Producing time modulated signal impulses. 2,451,824, Oct. 19.

Guarrera, John J., Astoria, Long Island, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Oscillator tube with tunable coaxial resonator. 2,451,825, Oct. 19.

Gulden, Ernest V.: *See*—
Desch, Joseph R., Gulden, and Mumma.

Gulf Research & Development Company, assignee: *See*—
Coggeshall, Norman D.
Teplitz, Abraham J.

Gunning, Alfred W., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,451,943, Oct. 19.

Güttinger, Paul: *See*—
Guanella, Gustav, and Güttinger.

Gzemski, Felix C., assignor to The Atlantic Refining Company, Philadelphia, Pa. Production of metal sulfonates. 2,451,549, Oct. 19.

Hade, Emile, Montreal, Quebec, Canada. Clothes drier. 2,451,674, Oct. 19.

Haley, James: *See*—
Hedquist, Milton T., and Haley.

Hall, Joseph S., Sale, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Axial flow compressor and like machines. 2,451,944, Oct. 19.

Hall, William A.: *See*—
Myers, William A., and Hall.

Haller, John F., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Making chlorine dioxide. 2,451,826, Oct. 19.

Haller, Oscar H., Los Angeles, Calif. Holder. 2,451,550, Oct. 19.

Hamblet, Clement H.: *See*—
Weber, Arthur G., and Hamblet.

Hamilton, Francis E.: *See*—
Lake, Clair D., and Hamilton.

Hanford, William E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of potassium alcoholates. 2,451,945, Oct. 19.

Hanson, John C.: *See*—
Glover, John E., Jr., and Hanson.

Harding, William R.: *See*—
Kenyon, Alonzo F., and Harding.

Harman, Denham: *See*—
White, Ellis R., and Harman.

Harmon, Kenneth A., Longmeadow, assignor to Wico Electric Company, West Springfield, Mass. Distributor. 2,451,675, Oct. 19.

Harris-Seybold Company, assignee: *See*—
Spiller, William R.

Harris, Walter R., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor control system. 2,451,946, Oct. 19.

Hart-Carter Company, assignee: *See*—
Longenecker, Ernst A.

Hartford National Bank and Trust Company, assignee, trustee: *See*—
Blenfait, Henry, and van der Willigen.

Hartsfield, Lewis D.: *See*—
Cox, Richard A., and Hartsfield.

Harvey, Louis A., Detroit, Mich. Hand-carried motion-picture projecting and viewing device. 2,451,947, Oct. 19.

Harvey, Valentine P.: *See*—
Molins, Desmond W., Harvey, Mason, and Powell.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft gear. 2,451,551, Oct. 19.

Haworth, Leland J., Belmont, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Push-pull amplifier. 2,451,827, Oct. 19.

Hawthorne, Charles W., York, Pa., assignor to Morgan Construction Company, Worcester, Mass. Shearing apparatus. 2,451,948, Oct. 19.

Hayward, Lee, Clayton, Mo. Bent-wire clothes hanger. 2,451,552, Oct. 19.

Hazeltine Research, Inc., assignee: *See*—
Wheeler, Harold A.

Hearne, George W., El Cerrito, and M. L. Adams, Modesto, assignors to Shell Development Company, San Francisco, Calif. Production of unsaturated carbonylic compounds. 2,451,485, Oct. 19.

Heating Corporation, assignee: *See*—
Lehane, Timothy J., and Burgess.

Hedquist, Milton T., and J. Haley, Rock Island, Ill., assignors to J. I. Case Company, Racine, Wis. Protective shield for orchard tractors. 2,451,553, Oct. 19.

Hedstrom, Olof H., Hartford City, Ind. Picture hanging means. 2,451,554, Oct. 19.

Heinemann, Heinz, Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Production of acetals. 2,451,949, Oct. 19.

Heintz, Ralph M., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Engine starting system. 2,452,027, Oct. 19.

Hengstebeck, Robert J., Chicago, and R. S. McDaniel, Alton, assignors to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,451,619, Oct. 19.

Hennessy, Daniel E., Petersham, assignor to Springfield Wire and Tinsel Company, West Springfield, Mass. Strand coiling and winding apparatus. 2,451,731, Oct. 19.

Herriott, David R., Glendale, Calif. Safety device for fluid brakes. 2,451,828, Oct. 19.

Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Microwave-absorptive gas light valve. 2,451,732, Oct. 19.

Hightower, Ransom L., Sinton, Tex. Sack holding frame. 2,451,829, Oct. 19.

Hilkemeier, Louis G., West Allis, and G. K. Viall, assignors to Chain Belt Company, Milwaukee, Wis. Charging, sealing and discharging mixers. 2,451,555, Oct. 19.

Hinman, Donald D., Cleveland Heights, Ohio, assignor to General Electric Company. Starting arrangement for electric discharge devices. 2,451,830, Oct. 19.

Hipple, John A., Jr., Verona, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Electrical network. 2,451,950, Oct. 19.

Hochwarder, John, Cleveland, Ohio. Work positioner. 2,451,733, Oct. 19.

Hoffmann-La Roche Inc., assignee: *See*—
Huber, Walter.
Isler, Otto.
Lindlar, Herbert.

Holdaway, Vivian L., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrode structure for gaseous discharge devices. 2,451,556, Oct. 19.

Holmes, Hiram C., Stockton, Calif. Lumber roll assembly. 2,451,620, Oct. 19.

Hopkins, Edwin, New York, N. Y. Transmission and reproduction of optical and acoustical effects. 2,451,734, Oct. 19.

Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Vacuum tank for storing liquids at high or low temperatures. 2,451,486, Oct. 19.

Horwood, Howard J., New York, N. Y. Dry shaver. 2,451,831, Oct. 19.

Houdaille-Hershey Corporation, assignee: *See*—
Johnson, Bernard C.

House, Norman K., assignor to Lasalco, Inc., St. Louis, Mo. Electroplating machine. 2,451,676, Oct. 19.

Houston, Willard G., Wadsworth, Ohio. Power control unit. 2,451,621, Oct. 19.

Howat, Philip Y. K., Washington, D. C. Apparatus for molding concrete walls. 2,451,951, Oct. 19.

Howden, James, & Company Limited, assignee: *See*—
Lee, Leonard.

Howes, Gordon T., Belmont, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube for high frequency. 2,451,557, Oct. 19.

Huber, Walter, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of unsaturated compounds. 2,451,741, Oct. 19.

Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Button staple. 2,451,487, Oct. 19.

Hughes, Everett C.: *See*—
Burk, Robert E., and Hughes.

Hull, Robert E.: *See*—
Garbuny, Max, and Hull.

Hulsebus, Bernhard L., Pasadena, Calif., assignor to E. B. Hulsebus, Peoria, Ill. Weed extractor. 2,451,952, Oct. 19.

Hulsebus, Everett B., assignee: *See*—
Hulsebus, Bernhard L.

Huntington, Frederick T., Oroville, Calif. Die for swedging bullets. 2,451,488, Oct. 19.

Hutton, Ernest W.: *See*—
Storm, Herbert F., and Hutton.

Hydraulic Brake Company, assignee: *See*—
La Brie, Ludger E.

Hyler, John H., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Vehicle coupling and power steering device. 2,451,677, Oct. 19.

Imperial Chemical Industries Limited, assignee: *See*—
Bremner, John G. M., and Jones.
Jarrett, Kenneth B.

Imperial Trust for the Encouragement of Scientific and Industrial Research, The, assignee: *See*—
Walls, Leslie P.

Ingram, Curtis S., Fairfax, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Meter protection circuit. 2,451,953, Oct. 19.

International Business Machines Corporation, assignee: *See*—
Dodge, Ronald D.
Lake, Clair D., and Hamilton.
Morton, John L.
Watson, Thomas J., and Sprecker.

International Cigar Machinery Company, assignee: *See*—
Clausen, Sigurd.

International Handkerchief Mfg. Co., The, assignee: *See*—
Anderson, Gustave A.

International Nickel Company, Inc., The, assignee: *See*—
Brophy, Gerald R., and Miller.

Inz. M. Lewandowski i B-cia, Kasinowscy Spolka z ograniczona odpowiedzialnoscia, assignee: *See*—
Lewandowski, Marian.

Isler, Otto, Basel, Switzerland, assignor, to Hoffmann-La Roche Inc., Nutley, N. J. Polyenes and the manufacture thereof. 2,451,735, Oct. 19.

Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Polyenes and the manufacture thereof. 2,451,736, Oct. 19.

Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pentaenes. 2,451,737, Oct. 19.

Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pentaenes. 2,451,738, Oct. 19.

Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pentaenes. 2,451,739, Oct. 19.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Heintz, Ralph M.

Jarrett, Kenneth B., Welwyn Garden City, England, assignor to Imperial Chemical Industries Limited. Powdered polythene. 2,451,743, Oct. 19.

Jerguson Gage & Valve Company, assignee: *See*—
Winton, Lewis B.

Jewer, Allen: *See*—
LaLonde, George J., and Jewer.

Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Progressive selecting circuit. 2,451,489, Oct. 19.

Johns, Francis J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Inductor generator equipment, especially for induction heating. 2,451,954, Oct. 19.

Johnson, Arthur F., Cambridge, Mass., assignor to Reynolds Metals Company, Inc., Richmond, Va. Production of aluminum. 2,451,490, Oct. 19.

Johnson, Arthur F., Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va. Enriching the alumina content of recirculated cryolite fusions in aluminum production. 2,451,491, Oct. 19.

Johnson, Arthur F., Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va. Method and apparatus for enriching the alumina content of cryolite fusions in aluminum production. 2,451,492, Oct. 19.

Johnson, Arthur F., Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va. Enriching the alumina content of cryolite fusions in aluminum production. 2,451,493, Oct. 19.

Johnson, Arthur F., Longview, Wash., assignor to Reynolds Metals Company, Richmond, Va. Enriching alumina content of cryolite fusions. 2,451,494, Oct. 19.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Refrigerator liner evaporator. 2,451,744, Oct. 19.

Johnson, Bruce W., Rockford, Ill., and A. D. Bullerjahn, Milwaukee, Wis., assignors to Automatic Pump & Softener Corporation, Rockford, Ill. Multiple port valve structure. 2,451,678, Oct. 19.

Johnson, Carl W., Brooklyn, and J. A. Neumair, Hollis, N. Y., assignors to American Machine and Foundry Company. Button sewing machine and sewing buttons. 2,451,495, Oct. 19.

Johnson, Victor S., assignee: *See*—
White, Sidney Y.

Johnson, Wilfrid E., Marblehead, Mass., assignor to General Electric Company. Supercharger control system. 2,451,835, Oct. 19.

Jolly, Carl H., U. S. Navy. Rocket launching device. 2,451,745, Oct. 19.

Jones, David Gwyn: *See*—
Bremner, John G. M., and Jones.

Jordan, Curtis S., Maywood, Calif. Rotary counterbalanced egg-carrier mechanism for classifying eggs according to weight. 2,451,836, Oct. 19.

Kayler, Frank H.: *See*—
Kinne, Edmund P., and Kayler.

Keil, Harry, and C. R. Dawson, New York, and D. Wasserman, Brooklyn, N. Y. Composition for poison ivy diagnosis. 2,451,955, Oct. 19.

Keim, Donald B., Bridgeport, Conn., assignor to General Electric Company. Cathode-ray tube support and positioning means. 2,451,832, Oct. 19.

Keller, Anne H.: *See*—
Keller, K. M., E. H., and A. H.

Keller, Elizabeth H.: *See*—
Keller, K. M., E. H., and A. H.

Keller, Kathryn M., E. H., and A. H., Chicago, Ill. Fever thermometer. 2,451,746, Oct. 19.

Kemper, Ira B., Portland, Oreg. Folding vehicle for children. 2,451,956, Oct. 19.

Kenyon, Alonzo F., Churchill, and W. R. Harding, Export, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for electric motors. 2,451,957, Oct. 19.

Kihn, George A., Richmond, Staten Island, N. Y., assignor to American Machine and Foundry Company. Duplex package and making the same. 2,452,014, Oct. 19.

Kilgore, Lee A., Forest Hills, and S. L. Lindbeck, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for synchronous machines. 2,451,958, Oct. 19.

Kindt, Ernest T., Lakewood, Ohio. Doweled structure. 2,451,747, Oct. 19.

King Ranch, Inc., assignee: *See*—
Baldwin, Joseph P.

Kingsbury & Davis Machine Company, assignee: *See*—
Straw, Clayton.

Kingston Products Corporation, assignee: *See*—
Woolley, Lee A.

Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Adjusting means for yoke arrangements. 2,452,015, Oct. 19.

Kirkby, Raymond J., Sherman Oaks, Calif., assignor to Adel Precision Products Corp. Valve mechanism for handling liquefied gases and the like. 2,451,559, Oct. 19.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Welding system. 2,451,496, Oct. 19.

Knowles, Robert B., Maywood, Calif. Fluid operated pump for oil wells and the like. 2,451,560, Oct. 19.

Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Continuous brushing machine for leather. 2,451,561, Oct. 19.

Knudsen, Erling M., Arlington, N. J., assignor to Curtiss-Wright Corporation. Electric slip-ring and brush connection. 2,451,959, Oct. 19.

Koch, Frederick, Sparta, assignor to Associated Patentees, Inc., Ampere, N. J. Roll feed. 2,451,833, Oct. 19.

Komorowski, Stanley A., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Furnace lining structure. 2,451,679, Oct. 19.

Krajci, Samuel, and L. E. Savage, New Orleans, La., assignors to The Celotex Corporation, Chicago, Ill. Method of and apparatus for painting bevels. 2,451,960, Oct. 19.

Kratchman, Frederick J., College Point, N. Y. Thread miller. 2,451,497, Oct. 19.

Kraybill, Henry R., and B. W. Beadle, assignors, by mesne assignments, to A. W. Brickman, V. Conquest, F. J. Madden, W. B. Oleson, and E. T. Filbey, Chicago, Ill., as trustees for the benefit of American Meat Institute Foundation. Oxidation inhibitor for fats and oils. 2,451,748, Oct. 19.

Kreisler, Jacques, Manufacturing Corporation, assignee: *See*—
Kreisler, Leslie.
Kreisler, Leslie, and Siska.
Siska, John G.

Kreisler, Leslie, Teaneck, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Bracelet or the like and making the same. 2,451,749, Oct. 19.

Kreisler, Leslie, Teaneck, and J. G. Siska, Cresskill, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Bracelet and making same. 2,451,750, Oct. 19.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch device. 2,451,751, Oct. 19.

Kubler, Ernest F., Schenectady, N. Y., assignor to General Electric Company. Phase shifting circuit. 2,451,834, Oct. 19.

Kyle, William D., Jr., Milwaukee, and A. V. Ryan, South Milwaukee, Wis., assignors to Line Material Company. Transposing connections. 2,451,622, Oct. 19.

La Brie, Ludger E., assignor to Hydraulic Brake Company, Detroit, Mich. Automatic adjuster for friction elements. 2,451,562, Oct. 19.

Lacquer & Chemical Corporation, assignee: *See*—
Thau, Marcus.

Lagin, Herbert, New York, N. Y. Electric light socket. 2,451,680, Oct. 19.

La Guardia, Nick G., Denver, Colo. Carburetor. 2,451,563, Oct. 19.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,451,752, Oct. 19.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Treatment of hydrocarbons with activated magnesium silicates. 2,451,564, Oct. 19.

La Londe, George J., and A. Jewer, Detroit, Mich. Sportsman's mitten. 2,451,837, Oct. 19.

Lambach, Fritz, Tenafly, N. J. Flat warp knitting machine. 2,451,498, Oct. 19.

Lambach, Fritz, Tenafly, N. J. Warp knitting machine. 2,451,499, Oct. 19.

Lampe, Robert C.: *See*—
Wahlberg, Eric C., and Lampe.

Landau, Lucian, assignor to Latex Industries Limited, Chingford, London, England. Production of hollow articles by dipping. 2,451,961, Oct. 19.

Landau, Miles E., Brooklyn, N. Y. Abrasive wheel with flexible resilient rim. 2,451,753, Oct. 19.

Landis & Gyr, A-G., assignee: *See*—
Beusch, Willi.

Landow, Mitchell, Bronx, N. Y. Chuck adapter. 2,451,565, Oct. 19.

Larmuth, Allin and L. J., Worsley, England. Loading and unloading device for wire stranding, rope, and cable making machines. 2,451,754, Oct. 19.

Larmuth, Leonard J.: *See*—
Larmuth, Allin and L. J.

Lasalco, Inc., assignee: *See*—
House, Norman K.

Latex Industries Limited, assignee: *See*—
Landau, Lucian.

Lavietes, David P., Boone, N. C. Smoker's pipe. 2,451,838, Oct. 19.

Lee, Leonard, assignor to James Howden & Company Limited, Glasgow, Scotland. Dust collector. 2,451,755, Oct. 19.

Le Greid, Erwin L., Westlake, assignor to Fairchild Engineering Company, Cleveland, Ohio. Making commutators. 2,451,500, Oct. 19.

Lehane, Timothy J., and E. H. Burgess, Chicago, Ill., assignors, by mesne assignments, to Heating Corporation. Automatic panel circuit for air reheat control. 2,451,566, 2,451,566, Oct. 19.

Leinberger, Merton C.: *See*—
Burrus, Paul B., and Leinberger.

Le Mense, Elmer H., and James M. Van Lanen, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Preparing starch hydrolyzing enzyme with aspergillus. 2,451,567, Oct. 19.

Lemon, Cecil G., assignor to Tenaplas Limited, London, England. Electrical conductor. 2,451,839, Oct. 19.

Le Roi Company, assignee: *See*—
Feucht, Albert.

Leslie, John H., II: *See*—
Marshall, William A., Jr., and Leslie.

Leslie, John H., II, Winnetka, and G. A. Crosby, Park Ridge, assignors to Stewart-Warner Corporation, Chicago, Ill. Engine operated hot-air heater with engine demounting means. 2,451,623, Oct. 19.

Le Tourneau, R. G., Inc., assignee: *See*—
Hyler, John H.

Lewandowski, Marian, assignor to Inz. M. Lewandowski i B-cia Kasinowscy Spolka z ograniczona odpowiedzialnoscia, Warsaw, Poland. Impulse transmitting apparatus. 2,451,840, Oct. 19.

Lewenstein, Mozes J., New York, N. Y. Auro-thio-glycolic-acid-anilide and making the same. 2,451,841, Oct. 19.

Liben, William, New York, N. Y. Specular reflectometer. 2,451,501, Oct. 19.

Liebmann, Dora M., and G. Liebmann, Cambridge, England. Calculating instrument. 2,451,842, Oct. 19.

Liebmann, Gerhard: *See*—
Liebmann, Dora M. and G.

Lindbeck, Simon L.: *See*—
Kilgore, Lee A., and Lindbeck.

Lindlar, Herbert, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of an aldehyde. 2,451,740, Oct. 19.

Lindlar, Herbert, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of aldehydes. 2,451,742, Oct. 19.

Lindstrom, Ture, Edgewood, Pa., and A. H. Baylis, Ypsilanti, Mich., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,451,962, Oct. 19.

Line Material Company, assignee: *See*—
Kyle, William D., Jr., and Van Ryan.

Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,451,568, Oct. 19.

Linn, Carl B., and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of fluoroalkanes. 2,451,843, Oct. 19.

Lisman, Henry, Belmar, and E. K. Stodola, Neptune, N. J., assignors to the United States of America as represented by the Secretary of War. Ultra high frequency oscillator. 2,451,502, Oct. 19.

Lloyd, Paul M., Glendale, Calif. Spindle reversing device for drill presses. 2,451,756, Oct. 19.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Isocyanates of hydrolyzed ethylene vinyl ester interpolymers. 2,451,963, Oct. 19.

Logan, Joseph A., Hadley, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner delayed-action valve. 2,451,681, Oct. 19.

Logan, Joseph A., Hadley, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Multiple nozzle gun type oil burner and control therefor. 2,451,964, Oct. 19.

Loikema, Jan: *See*—
Moller, Fredrik A. and Loikema.

Longenecker, Ernst A., Milwaukee, Wis., assignor to Hart-Carter Company, Peoria, Ill. Motor bicycle. 2,451,965, Oct. 19.

Loomis, Crawford C., Ilion, N. Y., and K. J. Lowe, deceased, late of Ilion, N. Y.; by Jane A. Lowe, administratrix, Ilion, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Inertia rate of fire retarder. 2,451,624, Oct. 19.

Lornitzo, Frank C., Pawtucket, R. I., assignor, by mesne assignments, to Pantex Manufacturing Corporation. Pressing machine and linkage mechanism for transmitting and transforming force for use therein. 2,451,844, Oct. 19.

Lornitzo, Frank C., and H. B. Beede, Pawtucket, R. I., assignors, by mesne assignments, to Pantex Manufacturing Corporation. Pressing machine and multiple lever linkage mechanism for transmitting and transforming force for use therein. 2,451,845, Oct. 19.

Lothman, Victor O., assignee: *See*—
Tellander, Frederic Jr.

Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car-end buffer. 2,451,569, Oct. 19.

Love, Marie H., and P. T. Love, Riverdale, N. Y. Nursing bottle holder. 2,451,846, Oct. 19.

Love, Paul T.: *See*—
Love, Marie H., and Love, P. T.

Lowe, Jane A., administratrix: *See*—
Loomis, Crawford C., and Lowe.

Lowe, Kenneth J.: *See*—
Loomis, Crawford C., and Lowe.

Lund, Ole B., Havre, Mont. Refrigeration system using gas for defrosting. 2,451,682, Oct. 19.

Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making slip-lasted shoes. 2,451,570, Oct. 19.

Lyon, Alfred L., Eastport, Maine; Z. A. Lyon, R. C. Emery and C. C. Norton, executors of said A. L. Lyon, assignors to Z. A. Lyon, R. C. Emery and C. C. Norton, Eastport, Maine, co-trustees. Smokehouse for fish and other foodstuff. 2,452,016, Oct. 19.

Lyon, Zelma A., assignee, executor, co-trustee, et al.: *See*—
Lyon, Alfred L.

MacCormack, John G.: *See*—
Gardner, Arthur A., and MacCormack.

Macgeorge, William D., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Motion recording apparatus. 2,451,757, Oct. 19.

Madden, Frank J., trustees et al.: *See*—
Kraybill, Henry R., and Beadle.

Madden, Harry D., deceased, late of South Orange, N. J.; by Fidelity Union Trust Company, executor, Newark, and J. W. Greenbowe, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Base structure for electron discharge tubes. 2,451,847, Oct. 19.

Malm, Henry, New York, N. Y. Rubber glove. 2,451,758, Oct. 19.

Mancia, Henri: *See*—
Megel, Guillaume E. and Mancia.

Manganese Products, Inc., assignee: *See*—
Allen, John R.

Mantle, Burr W., Pittsford, N. Y., assignor to American Brake Shoe Company, Wilmington, Del. Coupling. 2,451,683, Oct. 19.

Marshall, Alfred, Bay Shore, N. Y. Dive stabilizer for kites. 2,451,571, Oct. 19.

Marshall, William A., Jr., assignor to Stewart-Warner Corporation, Chicago, Ill. Air flow regulating valve. 2,451,626, Oct. 19.

Marshall, William A., Jr., Chicago, and J. H. Leslie, II, Winnetka, assignors to Stewart-Warner Corporation, Chicago, Ill. Air pressure responsive control for internal-combustion heaters. 2,451,625, Oct. 19.

Martin, Charles H., Los Angeles, Calif. Doorstop. 2,451,848, Oct. 19.

Martin, Homer Z.: *See*—
Campbell, Donald L., Martin, Murphree, and Tyson.
Campbell, Donald L., Martin, and Tyson.

Mascuch, Joseph J., assignee: *See*—
Nardone, Romeo M.

Mason, James A.: *See*—
Mollins, Desmond W., Harvey, Mason, and Powell.

Massa, Frank, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Transducer. 2,451,966, Oct. 19.

Massa, Frank, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Vibrational energy transmitter or receiver. 2,451,967, Oct. 19.

Massimiano, Santo A., Merchantville, N. J. Dental accessory. 2,451,849, Oct. 19.

Mastrillo, Joseph, Trenton, N. J. Shaper for trousers. 2,451,503, Oct. 19.

Mathieson Chemical Corporation, assignee: *See*—
Haller, John F.
Woodward, Eric R.

Maurer, Gottfried, Zurich, assignor to A. Müller A.-G. Brugg, Brugg, Switzerland. Swaging apparatus. 2,451,759, Oct. 19.

Mayo, Marion S., Los Angeles, Calif. Method of and apparatus for spinning cotton and other textile fibers. 2,451,504, Oct. 19.

McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Photosensitive discharge device. 2,451,850, Oct. 19.

McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Internal-combustion aircraft-type heater. 2,451,627, Oct. 19.

McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Internal-combustion heater with air-heating tubes. 2,451,628, Oct. 19.

McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Sectional hot-air heater. 2,451,629, Oct. 19.

McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heater with combustion air control. 2,451,760, Oct. 19.

McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Internal-combustion heater for heating air. 2,451,851, Oct. 19.

McCollum, Thelma, executrix: *See*—
McCollum, Henry J. D.

McDaniel, Robert S.: *See*—
Hengstebeck, Robert J., and McDaniel.

McGee, Edward F., Wayland, Mass. Making sweet chocolate. 2,451,630, Oct. 19.

McGraw Electric Company, assignee: *See*—
Olving, Bror G.

McKinney, Julius V.: *See*—
Grove, Cornelius S., Sr., McKinney, and Pittman.

McKinnon, Columbus Chain Corporation, assignee: *See*—
Miller, William A., and Gerspacher.

McLamore, William M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Beta-allylamino propionitriles. 2,451,852, Oct. 19.

Mead, Thomas H., and M. V. Stack, London, and E. L. Smith, North Harrow, assignors to Therapeutic Research Corporation of Great Britain Limited, London, England. Manufacture of penicillin. 2,451,853, Oct. 19.

Megel, Guillaume E., and H. Mancia, assignors of one-half to Usines Tornos Fabrique de Machines Mountier S. A., Mountier, Switzerland. Toolholder for automatic lathes. 2,451,684, Oct. 19.

Mehler, Albert J., Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spinning apparatus. 2,451,854, Oct. 19.

Mercier, Pierre E., and R. Villers-Allerand, New York, N. Y., said Mercier assigner to said Villers-Allerand. Boat. 2,451,855, Oct. 19.

Mertz, Pierre: *See*—
Gould, King E., and Mertz.

Metropolitan-Vickers Electrical Company Limited, assignee: *See*—
Hall, Joseph S.

Middleton, Julius B., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mixing alkylation reactants. 2,452,017, Oct. 19.

Middleton, Julius B., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,452,018, Oct. 19.

Miller, Arthur J.: *See*—
Brophy, Gerald R., and Miller.

Miller, Edward E., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Mechanical device for determining the future position of aircraft. 2,451,856, Oct. 19.

Miller, William A., Buffalo, and R. E. Gerspacher, Kenmore, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Antiskid cross chain. 2,451,761, Oct. 19.

Millikan, Charles V., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Packing ring. 2,451,762, Oct. 19.

Mills, Irwin F., Associates, assignee: *See*—
Beder, Samuel L.

Miner, W. H., Inc., assignee: *See*—
Haseltine, Stacy B.
Lounsbury, Harvey J.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Borell, George L.
Kronmiller, Carl G.

Miskel, John J., Brooklyn, and B. A. Dombrow, New York, N. Y., assignors to Nopco Chemical Company. Separation of capryl alcohol from methyl hexyl ketone by alkali treatment and distillation. 2,451,857, Oct. 19.

Misko, Michael J., Inglewood, Calif. Folding table with sectional top. 2,451,763, Oct. 19.

Moellenbeck, Arthur J., Milwaukee, and H. G. Stauffer, Wauwatosa, Wis., assignors to The National Cash Register Company, Dayton, Ohio. Combined accounting machine and typewriter. 2,451,631, Oct. 19.

Mollanen, Edward S., Oakland, Calif. Boxing glove. 2,451,685, Oct. 19.

Molins, Desmond W., V. P. Harvey, J. A. Mason, and G. F. W. Powell, assignors to Molins Machine Company, Limited, Deptford, London, S. E. 8, England. Fuse setting apparatus. 2,451,764, Oct. 19.

Molins Machine Company Limited, assignee: *See*—
Molins, Desmond W., Harvey, Mason, and Powell.

Möller, Fredrik A., Haren, near Groningen, and J. Lolkema, Hoogezand, assignors to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Starch compositions capable of forming water-soluble derivatives. 2,451,686, Oct. 19.

Monsanto Chemical Company, assignee: *See*—
Wilson, William S.
Zienty, Ferdinand B., and Steahly.

Moore, Hilbert R., Pluckemin, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radiant energy measuring apparatus. 2,451,572, Oct. 19.

Morgan Construction Company, assignee: *See*—
Hawthorne, Charles W.

Mork, Raymond P., Schenectady, N. Y., assignor to General Electric Company. Controlled frequency oscillator. 2,451,858, Oct. 19.

Morris, Leycester W., Berkley, Mich. Collapsible chair. 2,451,687, Oct. 19.

Morton, John L., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Filler reinforcing means and guard for mechanical pencils. 2,451,765, Oct. 19.

Moylan, Francis J., Scranton, Pa. Dental appliance. 2,451,766, Oct. 19.

Mueller, Erich O., Irwin, and D. L. Gibson, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Insulating mounting for brushholders and the like. 2,451,969, Oct. 19.

Muller, A., A.-G. Brugg, assignee: *See*—
Maurer, Gottfried.

Mumma, Robert E.: *See*—
Desch, Joseph R., Gulden, and Mumma.

Mumma, Robert E., and F. X. Bucher, assignors to The National Cash Register Company, Dayton, Ohio. Electron tube variable impulse communication system. 2,451,859, Oct. 19.

Munno, Vincent, Hoboken, N. J. Razor honing device. 2,451,860, Oct. 19.

Murdoch, Alexander, Jr., Philadelphia, Pa., assignor to Radio Corporation of America. Magnetostrictive electroacoustic transducer. 2,451,968, Oct. 19.

Murphree, Eger V.: *See*—
Campbell, Donald L., Martin, Murphree, and Tyson.

Myers, Cecil H., and H. A., Chicago, Ill. Hydraulic clutch and variable-speed drive. 2,451,688, Oct. 19.

Myers, Hubert A.: *See*—
Myers, Cecil H. and H. A.

Myers, William A., and W. A. Hall, Springfield, assignors to The Atlantic Refining Company, Philadelphia, Pa. Fluid catalyst regenerator system. 2,451,573, Oct. 19.

Myskowski, Edwin T., and H. F. Taylor, Washington, D. C. Screen for casting risers. 2,451,505, Oct. 19.

Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, assignee: *See*—
Möller, Fredrik A., and Lolkema.

Nardone, Romeo M., Teaneck, assignor to J. J. Mascuch, Milburn, N. J. Combined starter and generator. 2,451,767, Oct. 19.

Nash, Cleve C., Jr., Tulsa, Okla., assignor to Standard Oil Development Company. Controlling phase relationships in an electronic circuit. 2,451,861, Oct. 19.

National Blank Book Company, assignee: *See*—
Schade, Frank S.

National Cash Register Company, The, assignee: *See*—
Desch, Joseph R., Gulden, and Mumma.
Moellenbeck, Arthur J., and Stauffer.
Mumma, Robert E., and Bucher.

National Cylinder Gas Company, assignee: *See*—
Candy, Albert M.

National Distillers Products Corporation, assignee: *See*—
Pattee, Ellis C.

Navy, the United States of America as represented by the Secretary of the, assignee: *See*—
Salisbury, Winfield W.

Nelson, Everett E., Litchfield, Minn. Valve assembly for hydraulic steering systems. 2,451,689, Oct. 19.

Nelson, Noble A., Chicago, Ill., assignor of one-fifth to H. Freevol, one-fifth to S. Smedberg, one-fifth to H. Brandon, and one-fifth to C. E. Anderson. Fishing reel support or frame. 2,451,862, Oct. 19.

Neumair, Joseph A.: *See*—
Johnson, Carl W., and Neumair.

Nevala, Lloyd A.: *See*—
Darby, Paul F., and Nevala.

Newell, Isaac L.: *See*—
Dissel, Theodore A., and Newell.

Nichols, James B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulose film manufacture. 2,451,768, Oct. 19.

Nopco Chemical Company, assignee: *See*—
Miskel, John J., and Dombrow.

Norton, Charles C., assignee, executor, co-trustee, et al.: *See*—
Lyon, Alfred L.

Norton, Lowell E., Princeton Junction, N. J., assignor to Radio Corporation of America. Electronic system for measuring microwave transmission through a waveguide. 2,451,769, Oct. 19.

Oakley, Henry D., Schenectady, N. Y., assignor to General Electric Company. Apparatus for balancing rotors. 2,451,863, Oct. 19.

O'Brien, Daniel P., Stamford, Conn. Explosives. 2,451,864, Oct. 19.

O'Brien, Joseph F., Lebanon, and E. S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Back connection feed unit. 2,451,506, Oct. 19.

O'Brien, Joseph F., Lebanon, and E. S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electrical outlet receptacle device. 2,451,507, Oct. 19.

O'Brien, William J., assignor to The Seamless Rubber Company, New Haven, Conn. Adhesive material. 2,451,865, Oct. 19.

Odor, Ralph K., Edmond, assignor to The Vornado Trust, Oklahoma City, Okla. Mounting for fan assemblies. 2,451,970, Oct. 19.

Oehler, William P., assignor to Deere & Company, Moline, Ill. Two-part sprocket. 2,451,690, Oct. 19.

Ohio Brass Company, The, assignee: *See*—
Smith, Edward P.

Ohio Crankshaft Company, The, assignee: *See*—
Strickland, Harold A., Jr.

Oleson, Wrisley B., trustee, et al.: *See*—
Kraybill, Henry R., and Beadle.

Oliver, Bernard M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control voltage means in pulse receiver. 2,451,632, Oct. 19.

Olsen, Leif C., Newcastle-on-Tyne, England. Synchronising device. 2,451,691, Oct. 19.

Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,451,508, Oct. 19.

Oman, Carl, Cedar Grove, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Impulse transmitter for metering systems. 2,451,971, Oct. 19.

Onsrud Machine Works, Inc., assignee: *See*—
Groen, Willem, and Onsrud.

Onsrud, Rudolph F.: *See*—
Groen, Willem, and Onsrud.

Ormond, Clyde, Rigby, Idaho. Collapsible boat. 2,451,866, Oct. 19.

Owsley, Ollie M., Alexandria, Va. Testing device for sound projector. 2,451,509, Oct. 19.

Oxley, Peter: *See*—
Short, Wallace F., and Oxley.

Pallenberg, Christian: *See*—
Telfor, Clarence F., and Pallenberg.

Pantex Manufacturing Corporation, assignee: *See*—
Lornitzo, Frank C.

Paramount Textile Machinery Co., assignee: *See*—
Richter, Henry.

Paraschuk, John, New York, N. Y. Chip guard. 2,451,574, Oct. 19.

Parke, Norman M., Jacksonville, Fla. Game of the ball and mallet type. 2,451,770, Oct. 19.

Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation. Mashing cereals. 2,451,510, Oct. 19.

Patterson, Franklin G.: *See*—
Alexanderson, Ernst F. W., and Patterson.

Paxton, Donald D., Burbank, Calif., assignor to Adel Precision Products Corp. Hydraulic selector valve. 2,451,575, Oct. 19.

Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Electrical control system. 2,451,576, Oct. 19.

Perfection Steel Body Company, The, assignee: *See*—
Seckel, Wallace H.

Perkins, James F., Oakland, Calif. Prerotation means for airplane landing wheels. 2,451,771, Oct. 19.

Perrigo, Albert E. B., assignor to H. Frost and Company Limited, Walsall, England. Slot closer for dynamo-electric machines. 2,451,633, Oct. 19.

Philco Corporation, assignee: *See*—
Bauman, John J.

Pierce, Jerry A.: *See*—
Richardson, Rober W., and Pierce.

Pierce, John B., Foundation, assignee: *See*—
O'Brien, Joseph F., and Boynon.

Pittman, Silas: *See*—
Grove, Cornelius S., Sr., McKinney, and Pittman.

Pitzl, Gilbert, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Melamine-formaldehyde resin dispersion in a nonbasic water-soluble alcohol medium. 2,451,867, Oct. 19.

Plungian, Mikhail B., assignor to Temple University, Philadelphia, Pa. Solubilization of rutin with methyl glucamine. 2,451,772, Oct. 19.

Polaroid Corporation, assignee: *See*—
Garrett, Elmer E.

Porocel Corporation, assignee: *See*—
Heinemann, Heinz.

Poster, Jacob, assignee: *See*—
Franklin, Albert W.

Poux, Noel J., Meadville, Pa. Terminal connection and making the same. 2,451,773, Oct. 19.

Powell, Gordon F. W.: *See*—
Molins, Desmond W., Harvey, Mason, and Powell.

Powers, Walter P., Spring Lake, assignors to Associated Patentees, Inc., Ampere, N. J. Optical indicator having cooperating grids. 2,451,972, Oct. 19.

Press Wireless, Inc., assignee: *See*—
Chapin, Reynold S.

Pugh, Merlin L., Minneapolis, Minn. Clothes drier. 2,451,692, Oct. 19.

Purdy, John F., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Making pneumatic tires. 2,451,973, Oct. 19.

Quackenbush, Edward C., Roselle, Ill., and H. Selvidge, Silver Spring, Md. Joint for high-frequency transmission lines. 2,451,868, Oct. 19.

Radio Corporation of America, assignee: *See*—
Evans, John.
Friend, Albert W.
Hershberger, William D.
Murdoch, Alexander, Jr.
Norton, Lowell E.
Stone, Fred B.
Thalner, Robert F.
Torsch, Charles E.

Radio Patents Corporation, assignee: *See*—
Guanella, Gustav.
Guanella, Gustav, and Guttinger.

Ranger, Arthur W., Brighton, England. Ink fountain for printing presses. 2,451,634, Oct. 19.

Rapean, John C., and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyzed oxidation processes. 2,451,869, Oct. 19.

Rau, Harry A., Baltimore, Md., assignor to Crown Cork Specialty Corporation, Decatur, Ill. Locking lever feeding means. 2,451,974, Oct. 19.

Rayburn, Vincent A., and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer. 2,451,975, Oct. 19.

Rayonier Incorporated, assignee: *See*—
Schlosser, Paul H., and Gray.

Raytheon Manufacturing Company, assignee: *See*—
Klemperer, Hans.
Smith, Charles G.

Reagan, Maurice E., Pittsburgh, and W. A. Derr, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,451,976, Oct. 19.

Reeves Hoffman Corporation, assignee: *See*—
Samuelson, Wallace H. E.

Remington Arms Company, Inc., assignee: *See*—
Darby, Paul F., and Nevala.
Flanagan, Robert M.
Goln, Floyd I.
Grebowiec, Michael J.
Loomis, Crawford C., and Lowe.

Renshaw, David E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,451,977, Oct. 19.

Republic Aviation Corporation, assignee: *See*—
Glover, John E., Jr., and Hanson.

Reynolds Metals Company, Inc., assignee: *See*—
Johnson, Arthur F.

Rice, Henry T. M., San Marino, Calif. Making wrench sockets and the like. 2,451,511, Oct. 19.

Rice, Henry T. M., San Marino, Calif. Press forging articles. 2,451,512, Oct. 19.

Richards, Kenneth D., Gardner, Mass. Signal device for fishing tackle. 2,451,693, Oct. 19.

Richardson, Roger W., and J. A. Pierce, Baton Rouge, La., assignors to Standard Oil Development Company. Chlorine manufacture. 2,451,870, Oct. 19.

Richter, Henry, assignor to Paramount Textile Machinery Co., Kankakee, Ill. Setting apparatus for textile fabrics. 2,451,978, Oct. 19.

Richter, Samuel J., New York, N. Y. Combined connecting plug and fuse. 2,451,774, Oct. 19.

Roberts, Wesley J., Hot Springs, Ark. Endless conveyer egg-candling device. 2,451,577, Oct. 19.

Robson, Duer C.: *See*—
Rayburn, Vincent A., and Robson.

Rochow, Eugene G., Schenectady, N. Y., assignor to General Electric Company. Dimethyl germanium dichloride. 2,451,871, Oct. 19.

Rodgers, Howard C., Birmingham, Ala., assignor to Tennessee Coal, Iron, and Railroad Company. Collector drum. 2,451,872, Oct. 19.

Roebuck, John R., Madison, Wis. Process and apparatus for heating by centrifugal compression. 2,451,873, Oct. 19.

Roher, Harrison, La Crescenta, Calif. Holder for individual stencils and the like. 2,451,775, Oct. 19.

Rosefield, John B., Piedmont, Calif. Ant feeder. 2,451,578, Oct. 19.

Rosenblum, Solomon, Princeton, N. J., assignor to Canadian Radium & Uranium Corporation, New York, N. Y. Indicating device. 2,451,979, Oct. 19.

Ross, William E.: *See*—
Rapean, John C., and Ross.

Rossier, John D.: *See*—
Brown, Davis, and Rossier.

Rothrock, Henry S.: *See*—
Cupery, Martin E., and Rothrock.

Routson, Willis G., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Corrosion inhibiting composition. 2,451,874, Oct. 19.

Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Clamp for electric fuses, etc. 2,452,019, Oct. 19.

Ruddy, E. L., Company, Limited, assignee: *See*—
Denning, Stephen.

Rush, Leo E., West Lafayette, Ind., assignor to Gasoteria Corporation, Buffalo, N. Y. Predetermined stop dispensing mechanism of coin and manual controlled type. 2,451,776, Oct. 19.

Ryder, Charles D., Covington, assignor to The Grote Manufacturing Company, Bellevue, Ky. Traffic signaling device. 2,451,875, Oct. 19.

Salas, Miguel, Chihuahua, Mexico. Combination jack and concrete form. 2,451,777, Oct. 19.

Salisbury, Leroy F.: *See*—
Coffman, Donald D., and Salisbury.

Salisbury, Winfield W., Arlington, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Radio-frequency joint. 2,451,876, Oct. 19.

Salomon, Francois M. M. B., Paris, France; vested in the Attorney General of the United States of America. Oscillation reducing device. 2,451,513, Oct. 19.

Sambur, William, Jamaica, N. Y. Thermotemporal responsive device. 2,451,778, Oct. 19.

Samons, Starlin B., Sr., River Rouge, Mich. Artificial limb. 2,451,980, Oct. 19.

Samuelson, Wallace H. E., Weehawken, N. J., assignor, by mesne assignments, to Reeves Hoffman Corporation, Carlisle, Pa. Manufacturing oscillator plates. 2,451,877, Oct. 19.

Savage, Leon E.: *See*—
Krajci, Samuel, and Savage.

Savercool, John D., Cranford, N. J. Sanding nozzle. 2,451,878, Oct. 19.

Schade, Frank Stanley, assignor to National Blank Book Company, Holyoke, Mass. Easel book construction for ring books or loose-leaf binders. 2,451,694, Oct. 19.

Scharmann, Walter G., Westfield, N. J., assignor to Standard Oil Development Company. Hydrocarbon synthesis. 2,451,879, Oct. 19.

Schermuly, Alfred J.: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Charles: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, England. Rocket and the like. 2,451,981, Oct. 19.

Schetty, Guido, assignor to J. R. Geigy A.-G., Basel, Switzerland. 4-halogenomethyl-1:8-naphthsultones and a process for their manufacture. 2,451,579, Oct. 19.

Schlosser, Paul H., and K. R. Gray, assignors to Rayonier Incorporated, Shelton, Wash. Chemically treated wood pulp and producing a cellulosic product. 2,451,558, Oct. 19.

Schlumberger Well Surveying Corporation, assignee: *See*—
Blanchard, André.

Schmerling, Louis: *See*—
Linn, Carl B., and Schmerling.

Schratt, Frank A., Cincinnati, Ohio. Apparatus for treating tubular bodies. 2,451,635, Oct. 19.

Schreiber, Richard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides of high birefringence and obtaining same. 2,451,695, Oct. 19.

Schwinger, Abram, Philadelphia, Pa. Combined fluorescent and filament lamp reflector unit. 2,451,580, Oct. 19.

Scott, Eben L., Mission, Kans. Electrical plug and socket. 2,451,982, Oct. 19.

Scovill Manufacturing Company, assignee: *See*—
Huelster, Otto J.

Seamless Rubber Company, The, assignee: *See*—
O'Brien, William J.

Seckel, Wallace H., assignor to The Perfection Steel Body Company, Galion, Ohio. Cargo carrying vehicle body. 2,451,880, Oct. 19.

Selvidge, Harner: *See*—
Quackenbush, Edward C., and Selvidge.

Seward, Edgar C., Arlington, Va., and Frank Walcutt, Queens Village, L. I., N. Y. Fluid actuated piston distributing valve with fluid actuated piston pilot valve for expansible chamber motors. 2,451,983, Oct. 19.

Shapiro, Samuel G., Philadelphia, Pa. Fur curling device. 2,451,984, Oct. 19.

Shaw, Elgin L.: *See*—
Donnell, Lloyd H., and Shaw.

Shaw and Slavsky, Inc., assignee: *See*—
Slavsky, Robert J. and J. R.

Shell Development Company, assignee: *See*—
Fetterly, Lloyd C.
Hearne, George W., and Adams.
McLamore, William M.
Rapean, John C., and Ross.
Routson, Willis G.
White, Ellis R., and Harman.

Sherman, H. B., Manufacturing Co., assignee: *See*—
Doerr, Raymond and K.

Shoe Form Co. Inc., assignee: *See*—
De Witt, William J., and Corbett.

Short, Wallace F., and P. Oxley, assignors to Boots Pure Drug Company, Limited, Nottingham, England. Manufacture of amidines. 2,451,779, Oct. 19.

Sides, Harold I., assignor of one-half to Raymond M. Sides, Chicago, Ill. Auxiliary shelf for carts. 2,451,985, Oct. 19.

Sides, Raymond M., assignee: *See*—
Sides, Harold I.

Sieg, James E., United States Coast Guard. Compensator for guns. 2,451,514, Oct. 19.

Siegel, Morris H., and F. Sonin, New York, N. Y. Apparatus for forming fur filled yarn. 2,451,881, Oct. 19.

Simon, Constance A., assignee: *See*—
Simon, Justin, and Temko.

Simon, Justin, Brooklyn, and R. S. Temko, New York, said Temko assignor to C. A. Simon, Woodmere, N. Y. Cigarette lighter. 2,451,515, Oct. 19.

Siska, John G.: *See*—
Kreisler, Leslie, and Siska.

Siska, John G., North Cresskill, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Flexible mesh bracelet and manufacture. 2,451,780, Oct. 19.

Skinner, Leslie A.: *See*—
Uhl, Edward G., and Skinner.

Skobel, Max, Eatontown, N. J., assignor to the United States of America, as represented by the Secretary of War. Seal terminal. 2,451,516, Oct. 19.

Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Thermoplastic extrusion method. 2,451,986, Oct. 19.

Slavsky, John R.: *See*—
Slavsky, Robert J. and J. R.

Slavsky, Robert J. and J. R., assignors to Shaw and Slavsky, Inc., Detroit, Mich. Price tag molding having a slide held tag and a transparent cover strip. 2,451,581, Oct. 19.

Sloan, David H., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic tube for ultra high frequencies. 2,451,987, Oct. 19.

Smart, David Lorimer, Stafford, assignor to The English Electric Company Limited, London, England. Electric discharge device. 2,451,988, Oct. 19.

Smedberg, Sam, assignee, et al.: *See*—
Nelson, Noble A.

Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. High-frequency electron discharge device of the triode type. 2,451,517, Oct. 19.

Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Motor reversing control system for valves. 2,451,989, Oct. 19.

Smith, Ernest L.: *See*—
Mead, Thomas H., Stack, and Smith.

Smith, Herbert C., Los Angeles, Calif., assignor to American Rock Wool Corp., Wabash, Ind. Apparatus for producing mineral wool. 2,451,582, Oct. 19.

Smith, Walter C. J., Regina, Saskatchewan, Canada. Liquid proportioning gauge or indicator. 2,451,882, Oct. 19.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Crowley, John A., Jr.
Gorin, Everett.
Middleton, Julius B.
Squires, Rodney M.
Stevens, Nelson P., and Squires.

Solomon, Theodore, New York, N. Y. Picture holder. 2,451,583, Oct. 19.

Sonin, Frances: *See*—
Siegel, Morris H., and Sonin.

Sopcak, Michael J., Midland, Mich. Screw holding screw driver. 2,451,696, Oct. 19.

Speicher, Merle, St. Louis, Mo. Undergarment. 2,451,697, Oct. 19.

Spiller, William R., Dayton, assignor to Harris-Seybold Company, Cleveland, Ohio. Cutting machine. 2,451,636, Oct. 19.

Sport Products, Inc., assignee: *See*—
Goldsmith, Hugo.

Sprecker, Alfred L.: *See*—
Watson, Thomas J., and Sprecker.

Springfield Wire and Tinsel Company, assignee: *See*—
Hennessy, Daniel E.

Squires, Rodney M.: *See*—
Stevens, Nelson P., and Squires.

Squires, Rodney M., Alice, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Geophysical prospecting. 2,451,883, Oct. 19.

Stack, Maurice V.: *See*—
Mead, Thomas H., Stack, and Smith.

Standard Oil Company, assignee: *See*—
Burk, Robert E., and Hughes.
Hengstebeck, Robert J., and McDaniel.
Watson, Roger W.

Standard Oil Development Company, assignee: *See*—
Campbell, Donald L., Martin, Murphree, and Tyson.
Campbell, Donald L., Martin, and Tyson.
Frosch, Alex.
Nash, Cleve C., Jr.
Richardson, Roger W., and Pierce.
Scharmann, Walter G.
Wilson, Glenn W., Jr.

Standard Register Company, The, assignee: *See*—
Bickel, Bruce T.

Stauffer, Howard G.: *See*—
Moellenbeck, Arthur J., and Stauffer.

Steadman, Albert: *See*—
Tidik, Stephen, and Steadman.

Steahly, George W.: *See*—
Zienty, Ferdinand B., and Steahly.

Steele, Doty M., Los Angeles, Calif. Power-driven surfboard. 2,451,781, Oct. 19.

Stelzer, Otto E., South Bend, Ind. Bar mounting fixture. 2,451,884, Oct. 19.

Stevens, Herbert C. M., assignor to Avimo Limited, Taunton, England. Camera film gate threading mechanism. 2,451,782, Oct. 19.

Stevens, Nelson P., Dallas, and R. M. Squires, Alice, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Geochemical prospecting. 2,451,885, Oct. 19.

Stewart-Warner Corporation, assignee: *See*—
Leslie, John H., II, and Crosby.
Marshall, William A., Jr.
Marshall, William A., Jr., and Leslie.
McCollum, Henry J. De N.
Williams, Lynn A., Jr.

Stimson, Allen G., Lynnfield, Mass., assignor to General Electric Company. Electrical measuring instrument. 2,451,886, Oct. 19.

Stodola, Edwin K.: *See*—
Lisman, Henry, and Stodola.

Stone, Fred B., Haddon Heights, N. J., assignor to Radio Corporation of America. Signal receiver tuning indicator. 2,451,584, Oct. 19.

Storm, Herbert F., and E. W. Hutton, Schenectady, N. Y., assignors to General Electric Company. Keying control system for oscillators. 2,451,887, Oct. 19.

Strain, William H., Rochester, N. Y., and J. Dec, Martinsville, N. J., assignors to Eastman Kodak Company, Rochester, N. Y. N (β-hydroxy ethyl)-tetraiodophthalimide. 2,451,637, Oct. 19.

Straits, Lloyd A.: *See*—
Craig, Edward C., and Straits.

Straw, Clayton, Henniker, assignor to Kingsbury & Davis Machine Company, Contoocook, N. H. Box stacker. 2,452,020, Oct. 19.

Streff, Joseph M., Topeka, Kans. Toy ferris wheel. 2,451,585, Oct. 19.

Strickland, Harold A., Jr., Grosse Pointe Park, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Multiple furnace control. 2,451,518, Oct. 19.

Strid, Carl J., La Canada, Calif., assignor to Adel Precision Products Corp. Valve. 2,451,586, Oct. 19.

Studebaker Corporation, The, assignee: *See*—
Greenlee, Harry R.

Studler, René R., Washington, D. C. Cartridge belt link. 2,451,519, Oct. 19.

Submarine Signal Company, assignee: *See*—
Anderson, Albert E.

Sun Oil Company, assignee: *See*—
Barnes, William E.

Sutherland, Carl H., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double electric motor driving means. 2,451,990, Oct. 19.

Suydam, Edward C., Los Angeles, Calif. Photographic plate and film holder. 2,451,638, Oct. 19.

Swanstrom, Klas A., Buckingham Township, Bucks County, Pa. Fastener. 2,451,991, Oct. 19.

Sweeney, Edward J., assignor to The Budd Company, Philadelphia, Pa. Making skin-and-frame assemblies. 2,451,783, Oct. 19.

Swinehart, Dean E., Ravenna, Ohio. Extension tongue. 2,451,698, Oct. 19.

Taylor, Edward H., Winnetka, assignor to Taylor Forge & Pipe Works, Cicero, Ill. Pipe end and joint. 2,451,587, Oct. 19.

Taylor Forge & Pipe Works, assignee: *See*—
Taylor, Edward H.

Taylor, Howard F.: *See*—
Myskowski, Edwin T., and Taylor.

Teclu, Theodore, Detroit, Mich. Grinding fixture. 2,451,588, Oct. 19.

Te Grotenhuis, Theodore A., Olmsted Falls, assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for curing pneumatic tires. 2,451,992, Oct 19.

Telfor, Clarence F., St. Clair Shores, and C. Pallenberg, Detroit, Mich. Holding device. 2,451,993, Oct. 19.

Tellander, Frederic, Jr., Sheldon, assignor to V. O. Lothman, Evanston, Ill. Calculator mechanism. 2,451,784, Oct. 19.

Tellier, Andre, New York, N. Y. Setting means for world clocks. 2,451,639, Oct. 19.

Temko, Richard S.: *See*—
Simon, Justin, and Temko.

Temple University, assignee: *See*—
Plungian, Mikhail B.

Tenaplas Limited, assignee: *See*—
Lemon, Cecil G.

Tennessee Coal, Iron and Railroad Company, assignee: *See*—
Rodgers, Howard C.

Teplitz, Abraham J., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Completing wells. 2,451,520, Oct. 19.

Terry, Donald M.: *See*—
Edson, James O., and Terry.

Thalner, Robert R., Princeton, N. J., assignor to Radio Corporation of America. Control system. 2,451,640, Oct. 19.

Thau, Marcus, New York, assignor to Lacquer & Chemical Corporation, Brooklyn, N. Y. Making a lacquer enamel. 2,451,785, Oct. 19.

Therapeutic Research Corporation of Great Britain, Limited, assignee: *See*—
Mead, Thomas H., Stack, and Smith.

Thomas, George E., Bogalusa, La. Lawn mowing machine. 2,451,589, Oct. 19.

Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Piston oil seal and wiper assembly. 2,451,888, Oct. 19.

Thomson, Alex, administrator: *See*—
White, Sidney Y.

Tidik, Stephen, Passaic, and A. Steadman, Upper Montclair, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Forming a luminescent screen. 2,451,590, Oct. 19.

Tinnerman, George A., and L. H. Flora, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,451,591, Oct. 19.
Tinnerman Products, Inc., assignee: *See*—
Tinnerman, George A., and Flora.
Toone, Ralph N., Wollaton Park, Nottingham, England. Thread tensioning device. 2,451,889, Oct. 19.
Torkelson, Torkel E.: *See*—
Weingart, Richard I. N., and Torkelson.
Torsch, Charles E., Lancaster Township, Lancaster County, Pa., assignor to Radio Corporation of America. Power conservation system. 2,451,641, Oct. 19.
Towmotor Corporation, assignee: *See*—
Weaver, Elverton W.
Towne, Edmund B.: *See*—
Dickey, Joseph B., and Towne.
Towns, John E., Milwaukee, Wis. Splinter remover. 2,451,994, Oct. 19.
Truesdale, Eddie P., Orangeburg, S. C. Lamp for hospital beds. 2,451,995, Oct. 19.
Trumbull Electric Manufacturing Company, The, assignee: *See*—
Rowe, Raymond N.
Tull, William A.: *See*—
Binash, Albert H., and Tull, and Gautney.
Twaroski, Stanley E., Los Angeles, Calif. Support. 2,451,699, Oct. 19.
Tyrer, Daniel, Stockton-on-Tees, England. Manufacture of phenols or salts thereof. 2,451,996, Oct. 19.
Tyson, Charles W.: *See*—
Campbell, Donald L., Martin, Murphree, and Tyson.
Campbell, Donald L., Martin, and Tyson.
Ufnowski, Waclaw, Warsaw, Poland. Collection of gases from artificial silk and the like. 2,451,890, Oct. 19.
Uglum, Alfred H., Waterville, Iowa. Magazine loader. 2,451,521, Oct. 19.
Uhl, Edward G., Elizabeth, N. J., and L. A. Skinner, Washington, D. C., assignors to the United States of America as represented by the Secretary of War. Rocket projector. 2,451,522, Oct. 19.
Undy, Gustav E., Detroit, assignor, by mesne assignments, to Weltronic Company, Oakland County, Mich. Electronic timing control system. 2,451,997, Oct. 19.
United Aircraft Corporation, assignee: *See*—
Dissel, Theodore A., and Newell.
Doman, Glidden S.
United-Carr Fastener Corporation, assignee: *See*—
Churchill, Wilmer H.
United Shoe Machinery Corporation, assignee: *See*—
Barker, William A., and Clarke.
Knowlton, Cutler D. and E.
Lyness, Horatio S.
United States Atomic Energy Commission, United States of America as represented by the, assignee: *See*—
Ingram, Curtis S.
United States Rubber Company, assignee: *See*—
Clarkson, Robert J.
Universal Oil Products Company, assignee: *See*—
Linn, Carl B.
Linn, Carl B., and Schmerling.
Usines Tornos Fabrique de Machines Moutier S. A., assignee: *See*—
Megel, Guillaume E., and Mancia.
Vagim, Edward J., Fresno, Calif. Control circuit for automatic weighing machines. 2,451,891, Oct. 19.
Van Brocklin, Charles S., Portsmouth, N. H. Tool. 2,451,892, Oct. 19.
Van der Willigen, Paul C.: *See*—
Bienfait, Henri, and van der Willigen.
Van Hartesveldt, Carroll H., Rosemont, assignor to The Atlantic Refining Company, Philadelphia, Pa. Determining the rust-preventing properties of lubricants. 2,451,592, Oct. 19.
Van Lanen, James M.: *See*—
Le Mense, Elmer H., and Van Lanen.
Van Ryan, Anthony: *See*—
Kyle, William D., Jr., and Van Ryan.
Van Trine, Leona T., assignee, et al.: *See*—
Van Trine, Ralph.
Van Trine, Ralph, assignor of thirty per cent to L. T. Van Trine and thirty per cent to M. V. Davis, Durham, N. C. Companion clutch and brake pedal for automobiles and the like. 2,451,700, Oct. 19.
Viall, George K.: *See*—
Hilkemeier, Louis G., and Viall.
Vibraseal Corporation, assignee: *See*—
Wiltse, Sumner.
Villers-Allerand, Raymond, assignee: *See*—
Mercier, Pierre E., and Villers-Allerand.
Villiger, Eugen, and E. Benninger, assignors to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Multitubular heat exchanger. 2,451,786, Oct. 19.
Vincent, John R., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of chloroprene. 2,451,787, Oct. 19.
Vornado Trust, The, assignee: *See*—
Odor, Ralph K.
Wagner, William, Brooklyn, N. Y. Terminal replacement for sealed refrigeration units. 2,451,701, Oct. 19.
Wahl, Albert G., Los Angeles, Calif. Garment hanger. 2,451,788, Oct. 19.
Wahlberg, Eric C., and R. C. Lampe, Stamford, Conn., assignors to Electrolux Corporation, New York, N. Y. Ball-bearing worm gear. 2,451,998, Oct. 19.
Walb, Thomas A., Philadelphia, Pa. Corrosion inhibitor. 2,451,523, Oct. 19.
Walcutt, Frank: *See*—
Seward, Edgar C., and Walcutt.
Walker, Brooks, Piedmont, Calif. Range adapter for mortars. 2,451,524, Oct. 19.
Walker, Kenneth E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydraulic fluids. 2,451,999, Oct. 19.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Vibratory armature electromagnetic motor. 2,451,789, Oct. 19.
Wallace & Tiernan Products, Inc., assignee: *See*—
Wallace, Charles F.
Wallerstein Company, Inc., assignee: *See*—
Wallerstein, James S., and Alba.
Wallerstein, James S., and R. T. Alba, assignors, by mesne assignments, to Wallerstein Company, Inc., New York, N. Y. Recovery of enzymes from aqueous solutions and product obtained thereby. 2,452,000, Oct. 19.
Wallman, Henry, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Stagger tuned amplifier. 2,451,893, Oct. 19.
Walls, Leslie P., Teddington, assignor to The Imperial Trust for the Encouragement of Scientific and Industrial Research, Westminster, England. Phenanthridinium compounds and making them. 2,452,001, Oct. 19.
Walper, Curry O., Kitchener, Ontario, Canada. Antisplash construction for footwear. 2,452,028, Oct. 19.
War, The United States of America as represented by the Secretary of, assignee: *See*—
Clark, James L.
Cooper, Eli G.
Guarrera, John J.
Haworth, Leland J.
Lisman, Henry, and Stodola.
Miller, Edward E.
Skobel, Max.
Uhl, Edward G., and Skinner.
Wallman, Henry.
Weiss, Paul A.
Ward, Altie C., Pacific Palisades, Calif. Portable electric cleaner and scraping tool. 2,452,002, Oct. 19.
Ward, Leonard, Electric Company, assignee: *See*—
Cohen, Arthur M.
Washington, George, Jr., Morristown, N. J. Suction gun. 2,451,593, Oct. 19.
Wasserman, David: *See*—
Keil, Harry, Dawson, and Wasserman.
Watrous, Ward W., Jr.: *See*—
Zambakian, Irving, and Watrous.
Watson, Glenn W., Detroit, Mich. Electronic steam generator. 2,451,594, Oct. 19.
Watson, Roger W., assignor to Standard Oil Company, Chicago, Ill. Viscous mineral oil compositions. 2,451,642, Oct. 19.
Watson, Thomas J., New Canaan, Conn., and A. L. Sprecker, Freeport, assignors to International Business Machines Corporation, New York, N. Y. Register-controlled time recorder. 2,451,790, Oct. 19.
Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,452,021, Oct. 19.
Weaver, Elverton W., Cleveland Heights, assignor to Towmotor Corporation, Cleveland, Ohio. Universal joint. 2,451,791, Oct. 19.
Webb, Christopher F., London, S. W. 1., England, assignor, by mesne assignments, to General Register Corporation, Long Island City, N. Y. Totalizator counter. 2,451,525, Oct. 19.
Weber, Arthur G., Wilmington, and C. H. Hamblet, Gordon Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of zinc propionate. 2,452,003, Oct. 19.
Weber, William: *See*—
Wolff, Robert L., and Weber.
Webster, Robert H.: *See*—
Egger, Charles J., and Webster.
Weddington, Harry F., Salisbury, N. C. Warp stop motion drop wire. 2,452,004, Oct. 19.
Weed, Hollis K., Blakeley Island, Ala. Steel reinforced tire. 2,451,894, Oct. 19.
Weigand, Frank G., Mount Carmel, Ill. Pipe clamp. 2,451,702, Oct. 19.
Weingart, Richard I. N., Glen Head, and T. E. Torkelson, Baldwin, assignors to General Register Corporation, Long Island City, N. Y. Ticket machine. 2,452,022, Oct. 19.
Weiss, Paul A., Chicago, Ill., assignor to the United States of America as represented by the Secretary of War. Resilient tantalum tubes and making same. 2,451,703, Oct. 19.
Weiss, Saul, Washington, D. C. Firing mechanism. 2,451,526, Oct. 19.
Weltman, William C., Wilkinsburg, Pa., and T. F. Dixon, Pasadena, Calif., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coating with synthetic resin containing an accelerator, and resin compositions. 2,452,005, Oct. 19.
Weltronic Company, assignee: *See*—
Undy, Gustav E.

Werner, Mack M., Brooklyn, N. Y. Ointment applicator. 2,452,006, Oct. 19.
Western Electric Company, Incorporated, assignee: *See*—
Rayburn, Vincent A., and Robson.
Westinghouse Electric Corporation, assignee: *See*—
Auburn, Basil J.
Bobe, Stanley A.
Bock, Ashley P.
Cook, Willard G.
Dickerson, Paul M.
Foster, Newton C.
Frisch, Erling.
Garbuny, Max, and Hull.
Geiselman, Ralph A., and Cuttino.
Harris, Walter R.
Hipple, John A., Jr.
Johns, Francis J.
Kenyon, Alonzo F., and Harding.
Kilgore, Lee A., and Lindbeck.
Lindstrom, Ture, and Baylis.
Madden, Harry D.
Mueller, Erich O., and Gibson.
Oman, Carl.
Reagan, Maurice E., and Derr.
Renshaw, David E.
Sloan, David H.
Sutherland, Carl H.
Weltman, William C., and Dixon.
Weybrew, Thelbert L.
Woodward, Foster R.
Zambakian, Irving, and Watrous.
Weybrew, Thelbert L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermostatic regulation for engine cooling. 2,452,007, Oct. 19.
Wheeler, Floyd, Huntington Beach, Calif. Carpenter's layout wheel. 2,451,595, Oct. 19.
Wheeler, Harold A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Unitary balanced-inductor system. 2,451,596, Oct. 19.
Wheeler, William R., Plainfield, N. J., assignor to Bakelite Corporation. Annealing of calendered thermoplastic material. 2,451,597, Oct. 19.
White, Ellis R., Berkeley, and D. Harman, Albany, assignors to Shell Development Company, San Francisco, Calif. Synthetic grease. 2,451,895, Oct. 19.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, Chicago, Ill.; A. Thomson, administrator of said V. S. Johnson, deceased. Variable inductance tuner. 2,451,643, Oct. 19.
Wickwire, Arthur M., Mountain Lakes, N. J., and H. J. Zimmermann, Canton, Ohio., assignors, by mesne assignments, to Automatic Steel Products, Inc. Mercury clutch. 2,452,008, Oct. 19.
Wico Electric Company, assignee: *See*—
Harmon, Kenneth A.
Wild, Rudolf F., assignor to The Brown Instrument Company, Philadelphia, Pa. Safe failure measuring and controlling apparatus. 2,452,023, Oct. 19.
Williams, Lynn A., Jr., Northfield, assignor to Stewart-Warner Corporation, Chicago, Ill. Combustion air flow responsive carbureting apparatus. 2,451,459, Oct. 19.
Wilson, Glenn W., Jr., Goose Creek, Tex., assignor to Standard Oil Development Company. Distillation of butane containing high boiling contaminants. 2,451,896, Oct. 19.
Wilson, William F., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Double engine transmission. 2,451,598, Oct. 19.
Wilson, William S., Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of aluminum sulfate. 2,452,024, Oct. 19.
Wiltse, Sumner, assignor to Vibraseal Corporation, Detroit, Mich. Closure assembly. 2,451,599, Oct. 19.
Wingfoot Corporation, assignee: *See*—
Braden, Vally N.
Donnell, Lloyd H., and Shaw.
Flory, Paul J.
Purdy, John F.
Winton, Lewis B., Greenwich, Conn., assignor to Jerguson Gage & Valve Company, Somerville, Mass. Manometer. 2,451,460, Oct. 19.
Wise, Herman J., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Vibratory circuit converter. 2,451,461, Oct. 19.
Wolff, Robert L., and W. Weber, assignors to Globe-Union Inc., Milwaukee, Wis. Multiple switch interlock. 2,451,602, Oct. 19.
Wood, Geoffrey H., Toronto, Ontario, Canada. Container. 2,451,644, Oct. 19.
Wood, Howard L., Oskaloosa, Iowa. Liquid level gauge. 2,451,704, Oct. 19.
Woodcock, Charles H., assignor to The Atlantic Refining Company, Philadelphia, Pa. Tube gauge. 2,451,600, Oct. 19.
Woodward, Eric R., New York, N. Y., assignor to Mathieson Chemical Corporation. Treating shrimp. 2,451,897, Oct. 19.
Woodward, Foster R., Pleasant Ridge, Mich., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding apparatus. 2,452,009, Oct. 19.
Woodward, Foster R., Pleasant Ridge, Mich., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding apparatus. 2,452,010, Oct. 19.
Woolley, Lee A., assignor to Kingston Products Corporation, Kokomo, Ind. Skate construction. 2,451,601, Oct. 19.
Worthington Pump and Machinery Corporation, assignee: *See*—
Burrus, Paul B., and Leinberger
Wyman, John H., Morristown, assignor to Electrical Industries, Inc., Newark, N. J. Electronic control system. 2,451,898, Oct. 19.
Yeomans, Lucien I., and D. Clausen, assignors to Lucien I. Yeomans, Inc., Chicago, Ill. Table drive mechanism. 2,451,899, Oct. 19.
Yeomans, Lucien I., Inc., assignee: *See*—
Yeomans, Lucien I., and Clausen.
Yglesias-Paz, Adolfo Raul, Guatemala City, Guatemala. Drying apparatus for coffee beans or the like, comprising a movable agitator and gas circulating means. 2,451,462, Oct. 19.
Young, Arthur E., and K. D. Bacon, assignors to The Dow Chemical Company, Midland, Mich. Hot-melt coating composition. 2,451,792, Oct. 19.
Zambakian, Irving, Bloomfield, and W. W. Watrous, Jr., Chatham, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical discharge device and base. 2,451,900, Oct. 19.
Zienty, Ferdinand B., and G. W. Steahly, assignors to Monsanto Chemical Company, St. Louis, Mo. Fungicidal and bactericidal compositions containing 1-(4'-isopropylbenzyl)-piperazine. 2,451,645, Oct. 19.
Zimmermann, Hans J.: *See*—
Wickwire, Arthur M., and Zimmermann.
Zimmermann, Waldemar E., Los Angeles, Calif. Tool for cutting insulation and stripping it from wires. 2,451,463, Oct. 19.
Zippel, Hyman M., Philadelphia, Pa. Hand weaving device. 2,452,011, Oct. 19.

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Aldehyde, Manufacture of an. H. Lindlar. 2,451,740, Oct. 19.
Aldehydes, Manufacture of. H. Lindlar. 2,451,742, Oct. 19.
Alkaline solution, Regenerating spent aqueous. L. C. Fetterly. 2,451,817, Oct. 19.
Alkylation process. J. B. Middleton. 2,452,018, Oct. 19.
Alkylation reactants, Mixing. J. B. Middleton. 2,452,017, Oct. 19.
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Bearing alloy.
Alloy. H. M. German. 2,451,547, Oct. 19.
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Alumina content of cryolite fusions in aluminum production, Enriching the. A. F. Johnson. 2,451,493, Oct. 19.
Alumina content of recirculated cryolite fusions in aluminum production, Enriching the. A. F. Johnson. 2,451,491, Oct. 19.
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Aluminum sulfate, Preparation of. W. S. Wilson. 2,452,024, Oct. 19.
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Bent-wire clothes hanger. L. Hayward. 2,451,552, Oct. 19.
Beta-allylamino propionitriles. W. M. McLamore. 2,451,852, Oct. 19.
Bicycle, Motor. E. A. Longenecker. 2,451,965, Oct. 19.
Blank advancing means. G. A. Anderson. 2,451,648, Oct. 19.
Block: *See*—
Building block.
Board: *See*—
Shampoo board.
Boat. P. E. Mercier and R. Villers-Allerand. 2,451,855, Oct. 19.
Boat, Collapsible. C. Ormond. 2,451,866, Oct. 19.
Bomb container for aircraft, Exterior. J. C. Darnall. 2,451,476, Oct. 19.
Bottleholder. R. A. Cox and L. D. Hartsfield. 2,451,923, Oct. 19.
Box stacker. C. Straw. 2,452,020, Oct. 19.
Bracelet and making same. L. Kreisler and J. G. Siska. 2,451,750, Oct. 19.
Bracelet and manufacture, Flexible mesh. J. G. Siska. 2,451,780, Oct. 19.
Bracelet or the like and making the same. L. Kreisler. 2,451,749, Oct. 19.
Bracing device for bombs on aircraft. R. M. Elder and J. J. Domoj. 2,451,481, Oct. 19.
Brake rotor, Cooled. W. H. Baselt. 2,451,709, Oct. 19.
Bridge structure for pH measurement device. E. D. Coleman. 2,451,663, Oct. 19.
Brush support. H. J. Dunn. 2,452,025, Oct. 19.
Brushing machine for leather, Continuous. C. D. Knowlton and D. Edgar. 2,451,561, Oct. 19.
Buffer, Railway car-end. H. J. Lounsbury. 2,451,569, Oct. 19.
Building block. J. N. Blackbourn. 2,451,657, Oct. 19.
Burner and control therefor, Multiple nozzle gun type oil. J. A. Logan. 2,451,964, Oct. 19.
Butane containing high boiling contaminants, Distillation of. G. W. Wilson, Jr. 2,451,896, Oct. 19.
Button sewing machine and sewing buttons. C. W. Johnson and J. A. Neumair. 2,451,495, Oct. 19.
Cabin pressure control means. G. L. Borell. 2,451,608, Oct. 19.
Calculator mechanism. F. Tellander, Jr. 2,451,784, Oct. 19.
Cam. P. B. Burrus and M. C. Leinberger. 2,451,802, Oct. 19.
Camera film gate threading mechanism. H. C. M. Stevens. 2,451,782, Oct. 19.
Capryl alcohol from methyl hexyl ketone by alkali treatment and distillation, Separation of. J. J. Miskel and B. A. Dombrow. 2,451,857, Oct. 19.
Carbonylic compounds, Production of unsaturated. G. W. Hearne and M. L. Adams. 2,451,485, Oct. 19.
Carbureting apparatus, Combustion air flow responsive. L. A. Williams, Jr. 2,451,459, Oct. 19.
Carburetor. N. G. La Guardia. 2,451,563, Oct. 19.
Carpenter's layout wheel. F. Wheeler. 2,451,595, Oct. 19.
Casing, Pistol grip motor. K. C. Atkin. 2,451,650, Oct. 19.
Cast polymerization. N. C. Foster. 2,451,935, Oct. 19.
Catalytic conversion process. R. J. Hengstebeck and R. S. McDaniel. 2,451,619, Oct. 19.
Catch. E. M. Borchers. 2,451,798, Oct. 19.
Cathode-ray signal utilizing means. K. E. Gould and P. Mertz. 2,451,484, Oct. 19.
Centering device. T. J. Davis. 2,451,720, Oct. 19.
Cereals, Mashing. E. C. Pattee. 2,451,510, Oct. 19.

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Bearing alloy. W. Betteridge and E. R. Gadd. 2,451,907, Oct. 19.
Bent-wire clothes hanger. L. Hayward. 2,451,552, Oct. 19.
Beta-allylamino propionitriles. W. M. McLamore. 2,451,852, Oct. 19.
Bicycle, Motor. E. A. Longenecker. 2,451,965, Oct. 19.
Blank advancing means. G. A. Anderson. 2,451,648, Oct. 19.
Block: *See*—
Building block.
Board: *See*—
Shampoo board.
Boat. P. E. Mercier and R. Villers-Allerand. 2,451,855, Oct. 19.
Boat, Collapsible. C. Ormond. 2,451,866, Oct. 19.
Bomb container for aircraft, Exterior. J. C. Darnall. 2,451,476, Oct. 19.
Bottleholder. R. A. Cox and L. D. Hartsfield. 2,451,923, Oct. 19.
Box stacker. C. Straw. 2,452,020, Oct. 19.
Bracelet and making same. L. Kreisler and J. G. Siska. 2,451,750, Oct. 19.
Bracelet and manufacture, Flexible mesh. J. G. Siska. 2,451,780, Oct. 19.
Bracelet or the like and making the same. L. Kreisler. 2,451,749, Oct. 19.
Bracing device for bombs on aircraft. R. M. Elder and J. J. Domoj. 2,451,481, Oct. 19.
Brake rotor, Cooled. W. H. Baselt. 2,451,709, Oct. 19.
Bridge structure for pH measurement device. E. D. Coleman. 2,451,663, Oct. 19.
Brush support. H. J. Dunn. 2,452,025, Oct. 19.
Brushing machine for leather, Continuous. C. D. Knowlton and D. Edgar. 2,451,561, Oct. 19.
Buffer, Railway car-end. H. J. Lounsbury. 2,451,569, Oct. 19.
Building block. J. N. Blackbourn. 2,451,657, Oct. 19.
Burner and control therefor, Multiple nozzle gun type oil. J. A. Logan. 2,451,964, Oct. 19.
Butane containing high boiling contaminants, Distillation of. G. W. Wilson, Jr. 2,451,896, Oct. 19.
Button sewing machine and sewing buttons. C. W. Johnson and J. A. Neumair. 2,451,495, Oct. 19.
Cabin pressure control means. G. L. Borell. 2,451,608, Oct. 19.
Calculator mechanism. F. Tellander, Jr. 2,451,784, Oct. 19.
Cam. P. B. Burrus and M. C. Leinberger. 2,451,802, Oct. 19.
Camera film gate threading mechanism. H. C. M. Stevens. 2,451,782, Oct. 19.
Capryl alcohol from methyl hexyl ketone by alkali treatment and distillation, Separation of. J. J. Miskel and B. A. Dombrow. 2,451,857, Oct. 19.
Carbonylic compounds, Production of unsaturated. G. W. Hearne and M. L. Adams. 2,451,485, Oct. 19.
Carbureting apparatus, Combustion air flow responsive. L. A. Williams, Jr. 2,451,459, Oct. 19.
Carburetor. N. G. La Guardia. 2,451,563, Oct. 19.
Carpenter's layout wheel. F. Wheeler. 2,451,595, Oct. 19.
Casing, Pistol grip motor. K. C. Atkin. 2,451,650, Oct. 19.
Cast polymerization. N. C. Foster. 2,451,935, Oct. 19.
Catalytic conversion process. R. J. Hengstebeck and R. S. McDaniel. 2,451,619, Oct. 19.
Catch. E. M. Borchers. 2,451,798, Oct. 19.
Cathode-ray signal utilizing means. K. E. Gould and P. Mertz. 2,451,484, Oct. 19.
Centering device. T. J. Davis. 2,451,720, Oct. 19.
Cereals, Mashing. E. C. Pattee. 2,451,510, Oct. 19.

Chain: *See*—
Antiskid cross chain.
Chair: *See*—
Collapsible chair. Infant's chair.
Charging, sealing and discharging mixers. L. G. Hilkemeier and G. K. Viall. 2,451,555, Oct. 19.
Children's vehicle. J. A. Di Bartolomeo. 2,451,665, Oct. 19.
Chiropractic machine. A. H. Binash, W. A. Tull, and R. T. Gautney. 2,451,607, Oct. 19.
Chlorine dioxide, Making. J. F. Haller. 2,451,826, Oct. 19.
Chlorine manufacture. R. W. Richardson and J. A. Pierce. 2,451,870, Oct. 19.
Chloroprene, Polymerization of. J. R. Vincent. 2,451,787, Oct. 19.
Chocolate, Making sweet. E. F. McGee. 2,451,630, Oct. 19.
Chuck adapter. M. Landow. 2,451,565, Oct. 19.
Cigar wrapper cutting and transfer mechanism. S. Clausen. 2,451,920, Oct. 19.
Circuit: *See*—
Gaseous discharge lamp circuit. Phase shifting circuit.
Meter protection circuit. Progressive selecting circuit.
Circuit breaker. T. Lindstrom and A. H. Baylis. 2,451,962, Oct. 19.
Circuit breaker, Gas blast. E. Eichenberger. 2,451,669, Oct. 19.
Circuit converter, Vibratory. H. J. Wise. 2,451,461, Oct. 19.
Circuits, Electrical discharge tube. A. P. Bock. 2,451,910, Oct. 19.
Clamp: *See*—
Pipe clamp.
Clamp for electric fuses, etc. R. N. Rowe. 2,452,019, Oct. 19.
Clip for electrical conductors, Terminal. S. N. Buchanan and O. J. Breen. 2,451,800, Oct. 19.
Closure assembly. S. Wiltse. 2,451,599, Oct. 19.
Clothes drier. E. Hade. 2,451,674, Oct. 19.
Clothes drier. M. L. Pugh. 2,451,692, Oct. 19.
Clutch: *See*—
Mercury clutch.
Clutch and brake pedal for automobiles and the like, Companion. R. V. Trine. 2,451,700, Oct. 19.
Clutch and variable-speed drive, Hydraulic. C. H. and H. A. Myers. 2,451,888, Oct. 19.
Coated welding rod. H. Beinfait and P. C. V. der Willigen. 2,451,655, Oct. 19.
Coating composition, Hot-melt. A. E. Young and K. D. Bacon. 2,451,792, Oct. 19.
Coiling and winding apparatus, Strand. D. E. Hennessy. 2,451,731, Oct. 19.
Collapsible chair. L. W. Morris. 2,451,687, Oct. 19.
Color cinematography on lenticular films. L. Bassani and G. Gagnepain. 2,451,902, Oct. 19.
Combined thermal and magnetic flasher switch. H. R. Gross. 2,451,618, Oct. 19.
Communication system, Electron tube variable impulse. R. E. Mumma and F. X. Bucher. 2,451,859, Oct. 19.
Commutators, Making. E. L. Le Greid. 2,451,500, Oct. 19.
Compensator for guns. J. E. Sieg. 2,451,514, Oct. 19.
Composition for poison ivy diagnosis. H. Keil and C. R. Dawson, and D. Wasserman. 2,451,955, Oct. 19.
Compounds, the manufacture of unsaturated. W. Huber. 2,451,741, Oct. 19.
Compressor and like machines, Axial flow. J. S. Hall. 2,451,944, Oct. 19.
Conductor, Electrical. C. G. Lemon. 2,451,839, Oct. 19.
Connection and seal, Flexible. J. E. Glover, Jr., and J. C. Hanson. 2,451,941, Oct. 19.
Connections, Transposing. W. D. Kyle, Jr., and A. V. Ryan. 2,451,622, Oct. 19.
Construction for footwear, Antisplash. C. O. Walper. 2,452,028, Oct. 19.
Container: *See*—
Liquid-hydrocarbon-resistant container.
Container. G. H. Wood. 2,451,644, Oct. 19.
Control circuit for automatic weighing machines. E. J. Vagim. 2,451,891, Oct. 19.
Control device for hydraulic steady-rest chucks. R. S. Adair. 2,451,705, Oct. 19.
Control for internal-combustion heaters, Air pressure responsive. W. A. Marshall, Jr., and J. H. Leslie, II. 2,451,625, Oct. 19.
Control, Multiple. H. F. Clark. 2,451,535, Oct. 19.
Control system. M. E. Reagan and W. A. Derr. 2,451,976, Oct. 19.
Control system. D. E. Renshaw. 2,451,977, Oct. 19.
Control system. R. B. Thalner. 2,451,640, Oct. 19.
Control system, Electrical. G. C. Pearce. 2,451,576, Oct. 19.
Control system, Electronic. J. H. Wyman. 2,451,898, Oct. 19.
Control system, Electronic timing. G. E. Undy. 2,451,997, Oct. 19.
Control system for electric motors. A. F. Kenyon and W. R. Harding. 2,451,957, Oct. 19.
Control system for oscillators, Keying. H. F. Storm and E. W. Hutton. 2,451,887, Oct. 19.
Control system for reel motors. B. J. Auburn. 2,451,901, Oct. 19.
Control system for synchronous machines. L. A. Kilgore and S. L. Lindbeck. 2,451,958, Oct. 19.
Control system for valves, Motor reversing. E. P. Smith. 2,451,989, Oct. 19.
Control system, Supercharger. W. E. Johnson. 2,451,835, Oct. 19.
Control unit, Power. W. G. Houston. 2,451,621, Oct. 19.
Control voltage means in pulse receiver. B. M. Oliver. 2,451,632, Oct. 19.
Conveyer. V. A. Rayburn and D. C. Robson. 2,451,975, Oct. 19.
Conveyer attachment for dump trucks, Power-driven. J. W. Birch. 2,451,656, Oct. 19.
Corrosion inhibitor. T. A. Walb. 2,451,523, Oct. 19.
Counter, Totalizator. C. F. Webb. 2,451,525, Oct. 19.
Coupling. B. W. Mantle. 2,451,683, Oct. 19.
Cup, Dental polishing. G. A. Chott. 2,451,918, Oct. 19.
Curling device, Fur. S. G. Shapiro. 2,451,984, Oct. 19.
Cushioned display container. P. A. Carson. 2,451,806, Oct. 19.
Cutting machine. W. R. Spiller. 2,451,636, Oct. 19.
Deicing composition for aircraft parts and surfaces. T. A. Dissel and I. L. Newell. 2,454,814, Oct. 19.
Dental accessory. S. A. Massimiano. 2,451,849, Oct. 19.
Dental appliance. F. J. Moylan. 2,451,766, Oct. 19.
Detecting changes in dimensions, Method and apparatus for. M. Blau. 2,451,908, Oct. 19.
Detector, Web break. G. B. Dunn. 2,451,816, Oct. 19.
Detent means. H. R. Greenlee. 2,451,730, Oct. 19.
Dewaxing of hydrocarbon oils. S. W. Ferris. 2,451,545, Oct. 19.
Diallyl diglycolate-styrene copolymer. M. E. Cupery and H. S. Rothrock. 2,451,536, Oct. 19.
Die for swedging bullets. F. T. Huntington. 2,451,488, Oct. 19.
Dimethyl germanium dichloride. E. G. Rochow. 2,451,871, Oct. 19.
Dimmer, Automatic headlight. R. A. Edell. 2,451,548, Oct. 19.
Direction finding system. G. Guanella. 2,451,823, Oct. 19.
Discharge device and base, Electrical. I. Zambakian and W. W. Watrous, Jr. 2,451,900, Oct. 19.
Discharge device, Electric. D. L. Smart. 2,451,988, Oct. 19.
Discharge device of the triode type, High-frequency electron. C. G. Smith. 2,451,517, Oct. 19.
Discharge device, Photosensitive. E. D. McArthur. 2,451,850, Oct. 19.
Distributor. K. A. Harmon. 2,451,675, Oct. 19.
Door fastener. G. E. Dath. 2,451,537, Oct. 19.
Doorstop. C. H. Martin. 2,451,848, Oct. 19.
Doweled structure. E. T. Kindt. 2,451,747, Oct. 19.
Drier: *See*—
Clothes drier.
Drill and chuck, Coal. A. J. Cox. 2,451,922, Oct. 19.
Drive control for air powered apparatus. F. M. Almes. 2,451,706, Oct. 19.
Drum, Collector. H. C. Rodgers. 2,451,872, Oct. 19.
Dry cell depolarizing and reconditioning device. D. R. Fry. 2,451,726, Oct. 19.
Drying apparatus for coffee beans or the like comprising a movable agitator and gas circulating means. A. R. Yglesias-Paz. 2,451,462, Oct. 19.
Dust collector. L. Lee. 2,451,755, Oct. 19.
Dye compounds containing a trifluoromethyl group, Aminoanthraquinone. J. B. Dickey and E. B. Towne. 2,451,478, Oct. 19.
Easel book construction for ring books or loose-leaf binders. F. S. Schade. 2,451,694, Oct. 19.
Egg-candling device, Endless conveyer. W. J. Roberts. 2,451,577, Oct. 19.
Egg-carrier mechanism for classifying eggs according to weight, Rotary counterbalanced. C. S. Jordan. 2,451,836, Oct. 19.
Electric air heater. M. R. Dallin. 2,451,926, Oct. 19.
Electrode structure for gaseous discharge devices. V. L. Holdaway. 2,451,556, Oct. 19.
Electromagnetic controller. A. M. Cohen. 2,451,810, Oct. 19.
Electron discharge device having an electron beam passage and aligning means therewith for the cathode. P. M. Dickerson. 2,451,813, Oct. 19.
Electronic steam generator. G. W. Watson. 2,451,594, Oct. 19.
Electronic system for measuring microwave transmission through a waveguide. L. E. Norton. 2,451,769, Oct. 19.
Electroplating machine. N. K. House. 2,451,676, Oct. 19.
Engine operated hot-air heater with engine demounting means. J. H. Leslie, II, and G. A. Crosby. 2,451,623, Oct. 19.
Engine transmission, Double. W. F. Wilson. 2,451,598, Oct. 19.
Enzymes from aqueous solutions and product obtained thereby, Recovery of. J. S. Wallerstein and R. T. Alba. 2,452,000, Oct. 19.
Explosives. D. P. O'Brien. 2,451,864, Oct. 19.
Extractor: *See*—
Weed extractor.
Extrusion method, Thermoplastic. C. E. Slaughter. 2,451,986, Oct. 19.
Fastener: *See*—
Door fastener.
Fastener. K. A. Swanstrom. 2,451,991, Oct. 19.

Fastener construction, Floating cowl. W. H. Churchill. 2,451,808, Oct. 19.
Fastener for plaster laths, Corner. J. L. Daily. 2,451,811, Oct. 19.
Fastening device. G. A. Tinnerman and L. H. Flora. 2,451,591, Oct. 19.
Feed unit, Back connection. J. F. O'Brien and E. S. Boynton. 2,451,506, Oct. 19.
Feeder: *See*—
Ant feeder.
Feeding device, Strip. B. T. Bickel. 2,451,467, Oct. 19.
Fence insulator, Electric. E. A. Beard. 2,451,530, Oct. 19.
Filler reinforcing means and guard for mechanical pencils. J. L. Morton. 2,451,765, Oct. 19.
Film manufacture, Regenerated cellulose. J. B. Nichols. 2,451,768, Oct. 19.
Filter: *See*—
Transversal filter.
Firing mechanism. S. Weiss. 2,451,526, Oct. 19.
Firing mechanism, Rearwardly striking. G. N. Albree. 2,451,527, Oct. 19.
Fishhook making machine. W. J. De Witt and H. A. Corbett. 2,451,477, Oct. 19.
Fixture, Bar mounting. O. E. Stelzer. 2,451,884, Oct. 19.
Flange facing tool. U. K. Gardner. 2,451,729, Oct. 19.
Flight of dirigible aerial torpedos, Method of and apparatus for controlling. C. Chilowsky. 2,451,917, Oct. 19.
Flower construction, Ornamental. M. Andreoli. 2,451,649, Oct. 19.
Fluids, Hydraulic. K. E. Walker. 2,451,999, Oct. 19.
Fluids, Treatment of drilling. T. B. Wayne. 2,452,021, Oct. 19.
Fluorescent and filament lamp reflector unit, Combined. A. Schwinger. 2,451,580, Oct. 19.
Fluoroalkanes, Manufacture of. C. B. Linn and L. Schmerling. 2,451,843, Oct. 19.
Fluorohydrocarbons, Preparation of unsaturated. D. D. Coffman and L. F. Salisbury. 2,451,612, Oct. 19.
Forging articles, Press. H. T. M. Rice. 2,451,512, Oct. 19.
Forming a powder from metals, Method and apparatus for. H. R. Forton. 2,451,546, Oct. 19.
4-alkyl-quinolines, Preparation of. K. N. Campbell. 2,451,610–11, Oct. 19.
4-halogenomethyl-1 : 8-naphthsultones and a process for their manufacture. G. Schetty. 2,451,579, Oct. 19.
Frame: *See*—
Sack holding frame.
Fungicidal and bactericidal compostions containing 1-(4'-isopropylbenzyl)-piperazine. F. B. Zienty and G. W. Steahly. 2,451,645, Oct. 19.
Furnace lining structure. S. A. Komorowski. 2,451,679, Oct. 19.
Fuse setting apparatus. D. W. Molins, V. P. Harvey, J. A. Mason, and G. F. W. Powell. 2,451,764, Oct. 19.
Game of the ball and mallet type. N. M. Parke. 2,451,770, Oct. 19.
Garment hanger. A. G. Wahl. 2,451,788, Oct. 19.
Garment, Infant's. D. Catizone. 2,451,807, Oct. 19.
Gaseous discharge lamp circuit. A. E. Feinberg. 2,452,026, Oct. 19.
Gases from artificial silk and the like, Collection of. W. Ufnowski. 2,451,890, Oct. 19.
Gauge: *See*—
Liquid level gauge. Tube gauge.
Gauge or indicator, Liquid proportioning. W. C. J. Smith. 2,451,882, Oct. 19.
Gear: *See*—
Ball-bearing worm gear. Railway draft gear.
Gear, Railway draft. S. B. Haseltine. 2,451,551, Oct. 19.
Gearing connecting oppositely rotating shafts. H. S. Eagle. 2,451,723, Oct. 19.
Gel catalyst, Preparation of co-precipitated. R. E. Burk and E. C. Hughes. 2,451,471, Oct. 19.
Generator: *See*—
Electronic steam generator. Subharmonic generator.
Geochemical prospecting. N. P. Stevens and R. M. Squires. 2,451,885, Oct. 19.
Geophysical prospecting. R. M. Squires. 2,451,883, Oct. 19.
Glazing machine, Doughnut. M. J. Gendusa. 2,451,940, Oct. 19.
Glove, Boxing. E. S. Moilanen. 2,451,685, Oct. 19.
Glove, Rubber. H. Malm. 2,451,758, Oct. 19.
Grease, Synthetic. E. R. White and D. Harman. 2,451,895, Oct. 19.
Grinding fixture. T. Teclu. 2,451,588, Oct. 19.
Grinding wheels, especially on grinding machines, Mounting of. E. Bugatti. 2,451,658, Oct. 19.
Guard, Chip. J. Paraschuck. 2,451,574, Oct. 19.
Gun, Suction. G. Washington, Jr. 2,451,593, Oct. 19.
Hand weaving device. H. M. Zippel. 2,452,011, Oct. 19.
Hanger: *See*—
Bent-wire clothes hanger. Garment hanger.
Hanging means, Picture. O. H. Hedstrom. 2,451,554, Oct. 19.
Heat exchanger, Multitubular. E. Villiger and E. Benninger. 2,451,786, Oct. 19.
Heat-sealing apparatus. A. A. Gardner and J. G. MacCormack. 2,451,728, Oct. 19.
Heater: *See*—
Electric air heater. Sectional hot-air heater.
Internal-combustion aircraft-type heater.
Heater for heating air, Internal-combustion. H. J. De N. McCollum. 2,451,851, Oct. 19.
Heater with air-heating tubes, Internal-combustion. H. J. De N. McCollum. 2,451,628, Oct. 19.
Heating by centrifugal compression, Process and apparatus for. J. R. Roebuck. 2,451,873, Oct. 19.
Helmets, Making protective. H. Goldsmith. 2,451,483, Oct. 19.
Holder: *See*—
Baby bottle holder. Picture holder.
Nursing bottle holder. Thread guide holder.
Photographic plate and film holder.
Holder. O. H. Haller. 2,451,550, Oct. 19.
Holder for individual stencils and the like. H. Rober. 2,451,775, Oct. 19.
Holding device. C. F. Telfor. 2,451,993, Oct. 19.
Holding device, Battery. F. E. Brown. 2,451,532, Oct. 19.
Hollow articles by dipping, Production of. L. Landau. 2,451,961, Oct. 19.
Hollow objects, Molding. C. A. Evans. 2,451,934, Oct. 19.
Honing device, Razor. V. Munno. 2,451,860, Oct. 19.
Hook device for grounded aircraft pilot trainers, Arresting. R. B. Buchanan. 2,451,609, Oct. 19.
Horn, Saddle. J. P. Baldwin. 2,451,651, Oct. 19.
Hydraulic selector valve. D. D. Paxton. 2,451,575, Oct. 19.
Hydrocarbon synthesis. W. G. Scharmann. 2,451,879, Oct. 19.
Hydrocarbons, Chlorination of paraffinic. E. Gorin. 2,451,821, Oct. 19.
Hydrocarbons, Treatment of. C. B. Linn. 2,451,568, Oct. 19.
Hydrocarbons with activated magnesium silicates, Treatment of. W. A. La Lande, Jr. 2,451,564, Oct. 19.
Indicating device. S. Rosenblum. 2,451,979, Oct. 19.
Indicating system, Distance and speed. G. Guanella. 2,451,822, Oct. 19.
Indicator: *See*—
Signal receiver tuning indicator.
Indicator having cooperating grids, Optical. W. P. Powers. 2,451,972, Oct. 19.
Inductor generator equipment, especially for induction heating. F. J. Johns. 2,451,954, Oct. 19.
Inertia rate of fire retarder. C. C. Loomis and K. J. Lowe. 2,451,624, Oct. 19.
Infant's chair. F. E. Ducey. 2,451,667, Oct. 19.
Inhaler. F. J. Dinyer. 2,451,540, Oct. 19.
Inhibiting composition, Corrosion. W. G. Routson. 2,451,874, Oct. 19.
Injector apparatus. W. E. Caldwell. 2,451,715, Oct. 19
Ink fountain for printing presses. A. W. Ranger. 2,451,634, Oct. 19.
Inner sole. A. L. Dorgin. 2,451,929, Oct. 19.
Instrument, Calculating. D. M. and G. Liebmann 2,451,842, Oct. 19.
Interlock, Multiple switch. R. L. Wolff and W. Weber. 2,451,602, Oct. 19.
Internal-combustion aircraft-type heater. H. J. De N. McCollum. 2,451,627, Oct. 19.
Isocyanates of hydrolyzed ethylene vinyl ester interpolymers. D. J. Loder. 2,451,963, Oct. 19.
Jack and concrete form, Combination. M. Salas. 2,451,777, Oct. 19.
Joint: *See*—
Radio-frequency joint. Universal joint.
Joint for high-frequency transmission lines. E. C. Quackenbush and H. Selvidge. 2,451,868, Oct. 19.
Knitting machine, Flat warp. F. Lambach. 2,451,495, Oct. 19.
Knitting machine, Warp. F. Lambach. 2,451,499, Oct. 19.
Lacquer enamel, Making. M. Thau. 2,451,785, Oct. 19.
Lamp for hospital beds. E. P. Truesdale. 2,451,995, Oct. 19.
Landing apparatus, Radio. E. F. W. Alexanderson and F. G. Patterson. 2,451,793, Oct. 19.
Launching device, Rocket. C. H. Jolly. 2,451,745, Oct. 19.
Lever feeding means, Locking. H. A. Rau. 2,451,974, Oct. 19.
Life preserver belt, Dual tube pneumatic. E. C. Craig. 2,451,474, Oct. 19.
Life preserver belt, Dual tube pneumatic. E. C. Craig and L. A. Straits. 2,451,475, Oct. 19.
Lighter, Cigarette. J. Simon and R. S. Temko. 2,451,515, Oct. 19.
Lighting equipment, Neon. S. Denning. 2,451,539, Oct. 19.
Limb, Artificial. S. B. Samons, Sr. 2,451,980, Oct. 19.
Liner evaporator, Refrigerator. B. C. Johnson. 2,451,744, Oct. 19.
Link, Cartridge belt. R. R. Studler. 2,451,519, Oct. 19.
Liquid-hydrocarbon-resistant container. V. N. Braden. 2,451,911, Oct. 19.
Liquid level gauge. H. L. Wood. 2,451,704, Oct. 19.
Loader, Magazine. A. H. Uglum. 2,451,521, Oct. 19.

Loading and unloading device for wire stranding, rope and cable making machines. A. and L. J. Larmuth. 2,451,734, Oct. 19.
Loading device for plastic molding machines. W. F. Bradley. 2,451,912, Oct. 19.
Locating tool. R. J. A. Beatty. 2,451,904, Oct. 19.
Lug rim, Attachable traction. C. C. Fulton. 2,451,937, Oct. 19.
Luminescent screen, Forming a. S. Tidik and A. Steadman. 2,451,590, Oct. 19.
Machine and method for forming fiber webs. F. M. Buresh. 2,451,915, Oct. 19.
Machine for folding sheets of thermoplastic and like material. M. M. and H. M. Balsam. 2,451,794, Oct. 19.
Machine for gauging and assorting cartridges according to height of primers. R. M. Flanagan. 2,451,615, Oct. 19.
Machine for weighing and packing mixed nuts or the like. S. Christensen. 2,451,534, Oct. 19.
Magnetometer, Induction. A. Frosch. 2,451,819, Oct. 19.
Manometer. L. B. Winton. 2,451,460, Oct. 19.
Measuring and controlling apparatus, Safe failure. R. F. Wild. 2,452,023, Oct. 19.
Measuring apparatus, Radiant energy. H. R. Moore. 2,451,572, Oct. 19.
Measuring instrument, Electrical. A. G. Stimson. 2,451,886, Oct. 19.
Mechanical device for determining the future position of aircraft. E. E. Miller. 2,451,856, Oct. 19.
Mechanism for stud welding guns and the like. A. M. Candy. 2,451,716, Oct. 19.
Melamine-formaldehyde resin dispersion in a nonbasic water-soluble alcohol medium. G. Pitzl. 2,451,867, Oct. 19.
Mercury clutch. A. M. Wickwire and H. J. Zimmermann. 2,452,008, Oct. 19.
Meter protection circuit. C. S. Ingram. 2,451,953, Oct. 19.
Method and apparatus for enriching the alumina content of cryolite fusions in aluminum production. A. F. Johnson. 2,451,492, Oct. 19.
Method for separating worm-damaged nuts from sound nuts by immersion in a gravity liquid. J. A. Armstrong. 2,451,528, Oct. 19.
Microwave-absorptive gas light valve. W. D. Hershberger. 2,451,732, Oct. 19.
Milling machine, Swarf. W. Groen and R. F. Onsrud. 2,451,548, Oct. 19.
Mineral oil compositions, Viscous. R. W. Watson. 2,451,642, Oct. 19.
Mitten, Sportsman's. G. J. La Londe and A. Jewer. 2,451,837, Oct. 19.
Motor: *See*—
Vibratory armature electromagnetic motor.
Motor control, Synchronized. L. A. Dunajeff. 2,451,930, Oct. 19.
Motor control system. W. R. Harris. 2,451,946, Oct. 19.
Motor driving means, Double electric. C. H. Sutherland. 2,451,990, Oct. 19.
Motor system, Series generator-fed. S. A. Bobe. 2,451,909, Oct. 19.
Mount: *See*—
Picture corner mount.
Mounting for brushholders and the like, Insulating. E. O. Mueller and D. L. Gibson. 2,451,969, Oct. 19.
Mounting for fan assemblies. R. K. Odor. 2,451,970, Oct. 19.
Mowing machine, Lawn. G. E. Thomas. 2,451,589, Oct. 19.
Multiple furnace control. H. A. Strickland, Jr. 2,451,518, Oct. 19.
N-alkyl diethanolamines, Preparation. W. F. Gresham. 2,451,942, Oct. 19.
N (β-hydroxy ethyl)-tetraiodophthalimide. W. H. Strain and J. Dec. 2,451,637, Oct. 19.
Network, Electrical. J. A. Hipple, Jr. 2,451,950, Oct. 19.
Nitriles. P. J. Flory. 2,452,012, Oct. 19.
Nozzle, Sanding. J. D. Savercool. 2,451,878, Oct. 19.
Nursing bottle holder. M. H. and P. T. Love. 2,451,846, Oct. 19
Oil burner apparatus, Dual firing rate. R. M. Cochrane. 2,451,661, Oct. 19.
Oil burner-delayed-action valve. J. A. Logan. 2,451,681, Oct. 19.
Ores, Treating intermediate manganese siliceous. J. R. Allen. 2,451,647, Oct. 19.
Organo-disiloxane and preparing it. W. H. Daudt. 2,451,664, Oct. 19.
Orientation system. P. F. Bechberger. 2,451,710, Oct. 19.
Ornamental article, Plastic. W. J. Brice. 2,451,913, Oct. 19.
Oscillator, Controlled frequency. R. P. Mork. 2,451,858, Oct. 19.
Oscillator plates, Manufacturing. W. H. E. Samuelson. 2,451,877, Oct. 19.
Oscillator tube with tunable coaxial resonator. ... J. Guarrera. 2,451,825, Oct. 19.
Oscillator, Ultra high frequency. H. Lisman and E. K. Stodola. 2,451,502, Oct. 19.
Oxidation inhibitor for fats and oils. H. R. Kraybill and B. W. Beadle. 2,451,748, Oct. 19.
Oxidation processes, Catalyzed. J. C. Rapean and W. E. Ross. 2,451,869, Oct. 19.
Package and making the same, Duplex. G. A. Kilin. 2,452,014, Oct. 19.
Packaging machine. M. J. Grebowiec. 2,451,617, Oct. 19.
Packing ring. C. V. Millikan. 2,451,762, Oct. 19.
Pad for firearms, Cheek. E. G. Cooper. 2,451,473, Oct. 19.
Pad for toilet tanks, Absorbent drip. R. C. Buffham. 2,451,714, Oct. 19.
Pail, Sand. S. L. Beder. 2,451,711, Oct. 19.
Painting bevels, Method of and apparatus for. S. Krajci and L. E. Savage. 2,451,960, Oct. 19.
Panel circuit for air reheat control, Automatic. T. J. Lehane and E. H. Burgess. 2,451,566, Oct. 19.
Penicillin, Manufacture of. T. H. Mead, M. V. Stack, and E. L. Smith. 2,451,853, Oct. 19.
Pentaenes, Manufacture of. O. Isler. 2,451,737–9, Oct. 19.
Phase relationships in an electronic circuit, Controlling. C. C. Nash, Jr. 2,451,861, Oct. 19.
Phase shifting circuit. S. Berkoff. 2,451,796, Oct. 19.
Phase shifting circuit. E. F. Kubler. 2,451,834, Oct. 19.
Phenanthridinium compounds and making them. L. P. Walls. 2,452,001, Oct. 19.
Phenols or salts thereof, Manufacture of. D. Tyrer. 2,451,996, Oct. 19.
Photographic plate and film holder. E. C. Suydam. 2,451,638, Oct. 19.
Picture corner mount. A. A. Ainsworth. 2,451,646, Oct. 19.
Picture holder. T. Solomon. 2,451,583, Oct. 19.
Pipe: *See*—
Smoker's pipe.
Pipe clamp. F. G. Weigand. 2,451,702, Oct. 19.
Pipe end and joint. E. H. Taylor. 2,451,587, Oct. 19.
Piston pin holder attachable to conventional vise jaws. C. R. Garland. 2,451,727, Oct. 19.
Plug and fuse, Combined connecting. S. J. Richter. 2,451,774, Oct. 19.
Plug and socket, Electrical. E. L. Scott. 2,451,982, Oct. 19.
Polyamides of high birefringence and obtaining same. R. S. Schreiber. 2,451,695, Oct. 19.
Polyenes and the manufacture thereof. O. Isler. 2,451,735–6, Oct. 19.
Polythene, Powdered. K. B. Jarrett. 2,451,743, Oct. 19.
Portable electric cleaner and scraping tool. A. C. Ward. 2,452,002, Oct. 19.
Potassium alcoholates, Preparation of. W. E. Hanford. 2,451,945, Oct. 19.
Power conservation system. C. E. Torsch. 2,451,641, Oct. 19.
Power-operated skip tabulating mechanism for typewriting machines. R. D. Dodge. 2,451,722, Oct. 19.
Power supply. A. W. Friend. 2,452,013, Oct 19.
Prerotation means for airplane landing wheels. J. F. Perkins. 2,451,771, Oct. 19.
Pressing machine and linkage mechanism for transmitting and transforming force for use therein. F. C. Lornitzo. 2,451,844, Oct. 19.
Pressing machine and multiple lever linkage mechanism for transmitting and transforming force for use therein. F. C. Lornitzo and H. G. Beede. 2,451,845, Oct. 19.
Price tag molding having a slide held tag and a transparent cover strip. R. J. and J. R. Slavsky. 2,451,581, Oct. 19.
Progressive selecting circuit. A. E. Joel, Jr. 2,451,489, Oct. 19.
Projecting and viewing device, Hand-carried motion-picture. L. A. Harvey. 2,451,947, Oct. 19.
Propulsion drive. E. Frisch. 2,451,936, Oct. 19.
Proteins from soybeans in presence of blanketing agents and enzyme inhibitors, Recovery of. F. E. Calvert. 2,451,659, Oct. 19.
Pump: *See*—
Rotary pump. Variable capacity pump.
Pump for oil wells and the like, Fluid operated. R. B. Knowles. 2,451,560, Oct. 19.
Pump valve construction. R. R. Curtis. 2,451,925, Oct. 19.
Punching machine, Record. C. D. Lake and F. E. Hamilton. 2,451,752, Oct. 19.
Radio-frequency joint. W. W. Salisbury. 2,451,876, Oct. 19.
Radio telegraph receiving system. R. S. Chapin. 2,451,916, Oct. 19.
Receptacle device, Electrical outlet. J. F. O'Brien and E. S. Boynton. 2,451,507, Oct. 19.
Reconditioning contaminated oil, Process and apparatus for. C. J. Egger and R. H. Webster. 2,451,668, Oct. 19.
Recorder. A. E. Anderson. 2,451,464, Oct. 19.
Recorder, Register-controlled time. T. J. Watson and A. L. Sprecker. 2,451,790, Oct. 19.
Recording apparatus, Motion. W. D. Macgeorge. 2,451,757, Oct. 19.
Reducing device, Oscillation. F. M. M. B. Salomon. 2,451,513, Oct. 19.
Reflectometer, Specular. W. Liben. 2,451,501, Oct. 19.
Refrigeration system using gas for defrosting. O. B. Lund. 2,451,682, Oct. 19.

Refrigerator having a heat dissipating device for the electric motor thereof. J. J. Bauman. 2,451,903, Oct. 19.
Regenerator system, Fluid catalyst. W. A. Myers and W. A. Hall. 2,451,573, Oct. 19.
Regulations for engine cooling, Thermostatic. T. L. Weybrew. 2,452,007, Oct. 19.
Remote indicating plant operating on the impulse compensation method. W. Beusch. 2,451,606, Oct. 19.
Resin containing an accelerator, and resin compositions, Coating with synthetic. W. C. Weitman and T. F. Dixon. 2,452,005, Oct. 19.
Ring: *See*—
Packing ring.
Rocket and the like. C. D., A. J., and C. Schermuly. 2,451,981, Oct. 19.
Rocket projector. E. G. Uhl and L. A. Skinner. 2,451,522, Oct. 19.
Rod: *See*—
Coated welding rod.
Roll assembly, Lumber. H. C. Holmes. 2,451,620, Oct. 19.
Roll feed. F. Koch. 2,451,833, Oct. 19.
Rope or wire tightener. E. A. England. 2,451,933, Oct. 19.
Rotary pump. V. D. Barker. 2,451,603, Oct 19.
Rotary refiner. E. P. Arpin, Jr. 2,451,708, Oct. 19.
Ruling machine, Consecutive. H. Edelmann. 2,451,931, Oct. 19.
Rust preventing properties of lubricants, Determining the. C. H. Van Hartesveldt. 2,451,592, Oct. 19.
Rutin with methyl glucamine, Solubilization of. M. B. Plungian. 2,451,772, Oct. 19.
Sack holding frame. R. L. Hightower. 2,451,829, Oct. 19.
Safety device for fluid brakes. D. R. Herriott. 2,451,828, Oct. 19.
Safety window seat. E. A. Favre. 2,451,670, Oct. 19.
Screen for casting risers. E. T. Myskowski and H. F. Taylor. 2,451,505, Oct. 19.
Screw driver, Screw holding. M. J. Sopcak. 2,451,696, Oct. 19.
Seal and wiper assembly, Piston oil. E. B. Thompson. 2,451,888, Oct. 19.
Seal terminal. M. Skobel. 2,451,516, Oct. 19.
Seat: *See*—
Safety window seat.
Sectional hot-air heater. H. J. D. McCollum. 2,451,629, Oct. 19.
Setting means for world clocks. A. Tellier. 2,451,639, Oct. 19.
Sewer pipe off-bearing and finishing machine. D. Brown and J. D. Rossier. 2,451,713, Oct. 19.
Shampoo board. J. L. Bazelon. 2,451,652–3, Oct. 19.
Shaper for trousers. J. Mastrillo. 2,451,503, Oct. 19.
Shaver, Dry. H. J. Horwood. 2,451,831, Oct. 19.
Shearing apparatus. C. W. Hawthorne. 2,451,948, Oct. 19.
Shelf for carts, Auxiliary. H. I. Sides. 2,451,985, Oct. 19.
Shield for orchard tractors, Protective. M. T. Hedquist and J. Haley. 2,451,553, Oct. 19.
Shifting mechanism for heel-attaching machines, Work. W. A. Barker and T. B. Clarke. 2,451,529, Oct. 19.
Shrimp, Treating. E. R. Woodward. 2,451,897, Oct. 19.
Signal device for fishing tackle. K. D. Richards. 2,451,693, Oct. 19.
Signal impulses, Producing time modulated. G. Guanella and P. Guttinger. 2,451,824, Oct. 19.
Signal receiver tuning indicator. F. B. Stone. 2,451,584, Oct. 19.
Signaling device, Traffic. C. D. Ryder. 2,451,875, Oct. 19.
Skate construction. L. A. Woolley. 2,451,601, Oct. 19.
Skin-and-frame assemblies, Making. E. J. Sweeney. 2,451,783, Oct. 19.
Slip-lasted shoes, Making. H. S. Lyness. 2,451,570, Oct. 19.
Slip-ring and brush connection, Electric. E. M. Knudsen. 2,451,959, Oct. 19.
Slot closer for dynamoelectric machines. A. E. B. Perrigo. 2,451,633, Oct. 19.
Smokehouse for fish and other foodstuff. A. L. Lyon. 2,452,016, Oct. 19.
Smoker's pipe. D. P. Lavietes. 2,451,838, Oct. 19.
Socket, Electric light. H. Lagin. 2,451,680, Oct. 19.
Socket for radio and like tubes, Tube. S. M. Del Camp. 2,451,538, Oct. 19.
Solids and gases, Contacting. D. L. Campbell, H. Z. Martin, and C. W. Tyson. 2,451,803, Oct. 19.
Solids and gases, Method of and apparatus for contacting. D. L. Campbell, H. Z. Martin, E. V. Murphree, and C. W. Tyson. 2,451,804, Oct. 19.
Sparking device. C. R. Flint. 2,451,482, Oct. 19.
Spindle reversing device for drill presses. P. M. Lloyd. 2,451,756, Oct. 19.
Spinning apparatus, Dry. A. J. Mehler, Jr. 2,451,854, Oct. 19.
Spinning cotton and other textile fibers, Method of and apparatus for. M. S. Mayo. 2,451,504, Oct. 19.
Splinter remover. J. E. Towns. 2,451,994, Oct. 19.
Sprocket, Two-part. W. P. Oehler. 2,451,690, Oct. 19.
Stabilizer, Airflow. W. S. Diehl. 2,451,479, Oct. 19.
Stabilizer for kites, Dive. A. Marshall. 2,451,571, Oct. 19.
Staple, Button. O. J. Huelster. 2,451,487, Oct. 19.
Starch compositions capable of forming water-soluble derivatives. F. A. Möller and J. Loikema. 2,451,686, Oct. 19.
Starch hydrolyzing enzyme with aspergillus, Preparing. E. H. Le Mense and J. M. V. Lanen. 2,451,567, Oct. 19.
Starter and generator, Combined. R. M. Nardone. 2,451,767, Oct. 19.
Starting system, Engine. R. M. Heintz. 2,452,027, Oct. 19.
Steels and structural embodiments thereof for use at low temperatures. G. R. Brophy and A. J. Miller. 2,451,469, Oct. 19.
Stop and lock for machines for gauging cartridges, Automatic. F. I. Goin. 2,451,616, Oct. 19.
Stop dispensing mechanism of coin and manual controlled type, Predetermined. L. E. Rush. 2,451,776, Oct. 19.
Stop for looms, Dagger. W. J. Budzyna. 2,451,914, Oct. 19.
Structural unit, Making a. A. W. Franklin. 2,451,725, Oct. 19.
Subharmonic generator. J. O. Edson and D. M. Terry. 2,451,480, Oct. 19.
Sulfonates, Production of metal. F. C. Gzemski. 2,451,549, Oct. 19.
Support: *See*—
Brush support.
Support. S. E. Twaroski. 2,451,699, Oct. 19.
Support and positioning means, Cathode-ray tube. D. B. Keim. 2,451,832, Oct. 19.
Support or frame, Fishing reel. N. A. Nelson. 2,451,862, Oct. 19.
Surfboard, Power driven. D. M. Steele. 2,451,781, Oct. 19.
Swaging apparatus. G. Maurer. 2,451,759, Oct. 19.
Switch: *See*—
Combined thermal and magnetic flasher switch.
Switch control, Reverse action. R. H. Bentley. 2,451,905, Oct. 19.
Switch device. C. G. Kronmiller. 2,451,751, Oct. 19.
Switching system, Automatic. R. A. Geiselman and W. H. Cuttino. 2,451,939, Oct. 19.
Synchronizing device. L. C. Olsen. 2,451,691, Oct. 19.
Table drive mechanism. L. I. Yeomans and D. Clausen. 2,451,899, Oct. 19.
Table with sectional top, Folding. M. J. Misko. 2,451,763, Oct. 19.
Tank for storing liquids at high or low temperatures, Vacuum. G. T. Horton. 2,451,486, Oct. 19.
Target, Adjustable perimeter. C. A. Ellis. 2,451,932, Oct. 19.
Tensioning device, Thread. R. N. Toone. 2,451,889, Oct. 19.
Terminal connection and making the same. N. J. Poux. 2,451,773, Oct. 19.
Terminal replacement for sealed refrigeration units. W. Wagner. 2,451,701, Oct. 19.
Testing device for sound projector. O. M. Owsley. 2,451,509, Oct. 19.
Testing machine, Electrical conductivity. P. F. Darby and L. A. Nevala. 2,451,613, Oct. 19.
Thermometer, Fever. K. M., E. H. and A. H. Keller. 2,451,746, Oct. 19.
Thermotemporal responsive device. W. Sambur. 2,451,778, Oct. 19.
Thread guide holder. J. H. Barnes. 2,451,795, Oct. 19.
Thread miller. F. J. Kratchman. 2,451,497, Oct. 19.
Ticket machine. R. I. N. Weingart and T. E. Torkelson. 2,452,022, Oct. 19.
Tire, Steel reinforced. H. K. Weed. 2,451,894, Oct. 19.
Tires, Making pneumatic. J. F. Purdy. 2,451,973, Oct. 19.
Toaster, Automatic electric. B. G. Olving. 2,451,508, Oct. 19.
Tongue, Extension. D. E. Swinehart. 2,451,698, Oct. 19.
Tool: *See*—
Flange facing tool. Portable electric cleaner and scraping tool.
Locating tool.
Tool. C. S. VanBrocklin. 2,451,892, Oct. 19.
Tool for cutting insulation and stripping it from wires. W. E. Zimmermann. 2,451,463, Oct. 19.
Toolholder for automatic lathes. G. E. Magel and H. Mancia. 2,451,684, Oct. 19.
Toy. A. Buchmann. 2,451,801, Oct. 19.
Toy. A. J. Dube. 2,451,542, Oct. 19.
Toy ferris wheel. J. M. Streff. 2,451,585, Oct. 19.
Transducer. F. Massa. 2,451,966, Oct. 19.
Transducer, Magnetostrictive electroacoustic. A. Murdoch, Jr. 2,451,968, Oct. 19.
Transmission and reproduction of optical and acoustical effects. E. Hopkins. 2,451,734, Oct. 19.
Transmitter, Electron tube variable impulse. J. R. Desch, E. V. Gulden, and R. E. Mumma. 2,451,812, Oct. 19.
Transmitter for metering systems, Impulse. C. Oman. 2,451,971, Oct. 19.
Transmitter or receiver, Vibrational energy. F. Massa. 2,451,967, Oct. 19.
Transmitting apparatus, Impulse. M. Lewandowski. 2,451,840, Oct. 19.
Transporting and dumping equipment. G. R. Dempster. 2,451,721, Oct. 19.
Transversal filter. H. L. Barney. 2,451,465, Oct. 19.
Truck, Industrial. A. W. Gunning. 2,451,943, Oct. 19.
Tube for high-frequency, Electron. G. T. Howes. 2,451,557, Oct. 19.

Tube for ultra high frequencies, Electronic. D. H. Sloan. 2,451,987, Oct. 19.
Tube gauge. C. H. Woodcock. 2,451,600, Oct. 19.
Tubes and making same, Resilient tantalum. P. A. Weiss. 2,451,703, Oct. 19.
Tuner, Variable inductance. S. Y. White. 2,451,643, Oct. 19.
Undergarment. M. Speicher. 2,451,697, Oct. 19.
Universal joint. E. W. Weaver. 2,451,791, Oct. 19.
Unwinding device. J. Cook. 2,451,662, Oct. 19.
Valve: *See*—
Air flow regulating valve. Oil burner-delayed-action valve.
Hydraulic selector valve.
Microwave-absorptive gas light valve.
Valve. C. J. Strid. 2,451,586, Oct. 19.
Valve arrangement. F. G. G. Armstrong. 2,451,707, Oct. 19.
Valve assembly for hydraulic steering systems. E. E. Nelson. 2,451,689, Oct. 19.
Valve for stopers, Throttle. A. Feucht. 2,451,671, Oct. 19.
Valve mechanism for handling liquefied gases and the like. R. J. Kirkby. 2,451,559, Oct. 19.
Valve stem, Ball-bearing. R. and K. Doerr. 2,451,928, Oct. 19.
Valve structure. W. R. Brown. 2,451,799, Oct. 19.
Valve structure, Multiple port. B. W. Johnson and A. D. Bullerjahn. 2,451,678, Oct. 19.
Valve with fluid actuated piston pilot valve for expansible chamber motors, Fluid actuated piston distributing. E. C. Seward and F. Walcutt. 2,451,983, Oct. 19.
Vapor electric device. M. Garbuny and R. E. Hull. 2,451,938, Oct. 19.
Variable capacity pump. W. H. De Lancey. 2,451,666, Oct. 19.
Variable inductance device. J. L. Clark. 2,451,809, Oct. 19.
Vehicle: *See*—
Children's vehicle.
Vehicle body, Cargo carrying. W. H. Seckel. 2,451,880, Oct. 19.
Vehicle coupler. A. B. and K. C. Clark. 2,451,660, Oct. 19.
Vehicle coupling and power steering device. J. H. Hyler. 2,451,677, Oct. 19.
Vehicle for children, Folding. I. B. Kemper. 2,451,956, Oct. 19.
Vibratory armature electromagnetic motor. C. F. Wallace. 2,451,789, Oct. 19.
Viewing device, Film. R. W. Farrell. 2,451,544, Oct. 19.
Vinylphenoxthines and preparing the same. R. G. and L. W. Flowers. 2,451,818, Oct. 19.
Wattmeter, Super high frequency. J. Evans. 2,451,724, Oct. 19.
Weed extractor. B. L. Hulsebus. 2,451,952, Oct. 19.
Welding apparatus. F. R. Woodward. 2,452,009–10, Oct. 19.
Welding system. H. Klemperer. 2,451,496, Oct. 19.
Wells, Cementing. N. D. Coggeshall. 2,451,472, Oct. 19.
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Wheel: *See*—
Carpenter's layout wheel. Toy ferris wheel.
Winding of yarn. G. L. Boyce. 2,451,468, Oct. 19.
Window structure. F. F. Bell. 2,451,654, Oct. 19.
Wire terminal, Electric. R. H. Bentley. 2,451,466, Oct. 19.
Wire tightener. B. J. Bradley. 2,451,531, Oct. 19.
Wire, Warp stop motion drop. H. F. Weddington. 2,452,004, Oct. 19.
Wood pulp and producing a cellulosic product, Chemically treated. P. H. Schlosser and K. R. Gray. 2,451,558, Oct. 19.
Work positioner. J. Hochwarder. 2,451,733, Oct. 19.
Wrench sockets and the like, Making. H. T. M. Rice. 2,451,511, Oct. 19.
Yarn, Making stretchable. R. J. Clarkson. 2,451,919, Oct. 19.
Yarn, Producing improved. P. H. Cannon. 2,451,533, Oct. 19.
Zinc propionate, Preparation of. A. G. Weber and C. H. Hamblet. 2,452,003, Oct. 19.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 19, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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CLASSIFICATION OF DESIGNS

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U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Appeals for the District of Columbia

INTERNATIONAL STANDARD ELECTRIC CORPORATION
v.
LAWRENCE C. KINGSLAND, COMMISSIONER OF PATENTS

Nos. 9630—9631—9632. Decided July 30, 1948

[— F.2d —; 78 USPQ 241]

1. SUIT UNDER 4915 R. S.—PROCEDURE AND PRACTICE—PROCEEDINGS DE NOVO.

Where in a suit under R. S. 4915 the district court dismissed the complaint because the applications were insufficient to comply with the statutory requirements as to the disclosure of the invention, but on appeal, the appellate court remanded the cases with instructions to hold them pending a decision from the Patent Office on the question whether or not the descriptions would enable an expert in the art of automatic telephony to construct and use the device, and where upon the remand, the Commissioner of Patents referred the application to the telephone division and the Examiner held the disclosure insufficient without giving the appellant an opportunity to be heard and without specifying the defect in the description or drawings this action being approved by the Board of Appeals, and when the district court granted the motion of the Commissioner to dismiss and denied appellant's motion to reopen the cases to consider the decisions of the Examiner and the Board of Appeals as well as to hear the evidence of an independent expert, *Held* that, since the district court was in error in refusing to hear applicant's proferred testimony of an independent expert, and since proceedings under R. S. 4915 are de novo, the judgments are reversed and the cases remanded for further action in accordance with this opinion.

2. R. S. 4903 AND PATENT OFFICE RULES 65 AND 66 CONSTRUED.

Held that it is not the responsibility of the applicant to request either the Primary Examiner or the Board of Appeals to state reasons for their opinion; both the law and the rules of the Patent Office require specifically that that be done.

APPEALS from the District Court of the United States for the District of Columbia. Appeals Nos. 9630—9631—9632.

REVERSED.

Mr. Paul Kolisch (*Mr. Ralph B. Stewart* of counsel) for International.

Mr. W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

Before CLARK, WILBUR K. MILLER, *Associate Justices*, and MCGUIRE, *District Judge*, sitting by designation

PER CURIAM:

This is the second time these cases have been before this court. The first appeals were from judgments of the district court dismissing complaints under R. S. 4915, 35 U. S. C. 63, to obtain patents.

The claimed inventions are for combinations of electrical circuits and alleged conventional electromechanical elements to perform calculating operations and consist primarily, appellant contended, in the devising of circuits which make possible the use of relays, switches and other elements "of types used widely in telephone exchange systems."

[1] The applications involved were rejected by the Patent Office, for the reason that they did not contain disclosures which would enable persons skilled in the art to which they related or with which they were most nearly connected, to construct operative machines.

The original ground of rejection was that the Examiner could not understand and did not approve of the description and drawings and that as a consequence they did not satisfy the requisites of R. S. 4888[1]—and the Board of Appeals of the Patent Office affirmed. The Examiner in question was an expert in the calculating machine art (Division 23) but not in that of automatic telephony (Division 16), and so the basic question as to whether or not the descriptions would enable an expert in the latter art to construct and use the device was left unanswered.

Upon suit in the district court under R. S. 4915, the Commissioner of Patents rested his case on the Patent Office record and contended that R. S. 4888 could be satisfied only by addressing the disclosure to one skilled in the calculating art, and while the appellant offered testimony of an expert that the claimed inventions were most closely related to automatic telephony as contrasted with mechanisms appertaining to the field of calculators, the learned trial justice concluded that "the applications were insufficient to comply with the statutory requirements as to the disclosure of the invention." The

[1] R. S. 4888, 35 U. S. C. § 33.

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first appeals followed. In disposing of them we held:[1]

"The present question of law comes to this. When a technique previously used for one purpose (the construction of automatic-telephone equipment) is applied to a second purpose (the construction of calculating equipment) must the innovator describe the technique so that it can be used by men who know nothing about it but are skilled in applying different techniques to the second purpose? Such a description may not be possible and, we think, is not required."

and we remanded the cases to the district court with instructions to hold them pending a decision from the Patent Office in accordance with the mandate of this court.

Upon the remand the Commissioner of Patents referred the applications to the telephone division (16) and the Examiner held that the disclosure was not sufficient for one skilled in that art to construct or operate a machine. The appellant was given no opportunity to be heard and the Examiner specified no defect in the descriptions or drawings and did not specifically find any facts. On appeal to the Board of Appeals this action was approved. Request for reconsideration was denied.

The Commissioner of Patents then moved the district court to dismiss the complaint, stating:

"It is the position of the defendant that proceedings herein are now closed and that all that now remains to be done is to issue a formal order to that effect. The court of appeals did not indicate that the cases should be reopened for further prosecution in this court. It remanded them for one purpose only namely to be held until the Patent Office decided them. This has now been done and there seems to be no reason for holding them any longer."

The appellant moved the court to reopen the cases to consider the decisions of the Examiner of Division 16 and of the Board of Appeals, as well as to hear the evidence of an *independent* expert so as to "place the district court in a position to find the facts which the court of appeals was seeking . . ."

The appellant's motion was denied, that of the Commissioner of Patents granted, and the complaints dismissed.

The appellant relies on three allegations of error. First, that the Patent Office tribunals, after the remand of the cases, failed to comply both with the statute[2] and the rules of the Office[3] by failing to state sufficient reasons for the conclusions reached. Secondly, that the district court should have accepted appellant's evidence as established that a skilled worker in the automatic telephone art could build an operative machine on the basis of the disclosures of the applications involved; and, thirdly, the lower court made no additional findings of fact as it was required to do under amended Rule 52(a), Federal Rules of Civil Procedure.

[2] First, it is not the responsibility of the applicant to request either the Primary Examiner or the Board of Appeals to state reasons for their opinions. Both the law and the rules of the Patent Office require specifically that that be done. With reference to the appellant's second alleged error, as we said in the first appeals, the district court was not obliged to accept the testimony of the proffered witness and we so held, and we hold here that the court was not compelled under Rule 52(a) to make any findings of fact for that rule specifically provides, in part, that:

". . . Findings of fact and conclusions of law are unnecessary on decisions of motions under Rules 12 or 56 or any other motion except as provided in Rule 41(b)",

which latter rule is not here applicable.

Since, however, it appears it would be merely a matter of repetitive futility to again remand the cases to the Patent Office for compliance both with the law and its rules, since apparently it is unable to advance any reasons upon which its rejection was predicated, and since in any event we think the district court was in error in refusing to hear applicant's proffered testimony of an *independent* expert in the field, and in denying its motion, made for that purpose, and for the further reason that proceedings under R. S. 4915 are de novo, the judgments are reversed and the cases remanded for further action in accordance with this opinion.

REVERSED.

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[1] 81 U. S. App. D. C. 215, 217.

[2] R. S. 4903, 35 USCA § 51.

"Whenever, on examination, any claim for a patent is rejected, the Commissioner shall notify the applicant thereof, giving him briefly *the reasons** for such rejection, together with such information and references as may be useful in judging of the propriety of renewing his application or of altering his specification; and if after receiving such notice, the applicant persists in his claim for a patent, with or without altering his specifications, the Commissioner shall order a reexamination of the case. . . ."

* Emphasis added throughout.

[3] Rules 65, 66, of the Rules of Practice in the United States Patent Office.

"65. Whenever, on examination, any claim of an application is rejected *for any reason whatever*, the applicant will be notified thereof. *The reasons for the rejection will be fully and precisely stated*, and such information and references will be given as may be useful in aiding the applicant to judge of the propriety of prosecuting his application, or of altering his specification, and if, after receiving this notice, he shall persist in his claim with or without altering his specification, the application will be reexamined. If upon reexamination the claim shall be again rejected, the reasons therefor will be fully and precisely stated.

66. Upon taking up an application for action on the merits the Examiner shall make a thorough investigation of the prior art with respect to the invention sought to be protected in the application. Upon the rejection of an application for want of novelty, the Examiner must cite the best references at his command. When the reference shows or describes inventions other than that claimed by the applicant, *the particular part relied on must be designated as nearly as practicable.* The pertinence of the reference, if not obvious, must be *clearly explained* and the anticipated claim specified . . ."

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,907,947, 1,907,953, A. G. Gage, Oil well pump, 1,907,951, same, Valve mechanism for fluid pressure operated well pumps; 2,081,223, C. J. Coberly, Fluid operated deep well pump, filed Sept. 14, 1948, D. C. Okla. (Tulsa), Doc. 2350, *Kobe, Inc.* v. *Dempsey Pump Co. et al.*

1,907,951. (See 1,907,947.) 1,907,953. (See 1,907,947.)

1,949,098, A. W. Becker, Windshield clearing device; 2,206,814, E. C. Horton, Windshield clearing system, filed Sept. 9, 1948, D. C., N. D. Ill., E. Div., Doc. 48c1298, *Trico Products Corp.* v. *E. Edelmann & Co.*, Doc. 48c1299, *Trico Products Corp.* v. *Linmar Products Corp.*

1,992,160, C. A. Thomas, Wetting, emulsifying, and washing agents, filed Sept. 14, 1948, D. C. Del., Doc. 1154, *Sharples Chemicals, Inc.* v. *Oronite Chemicals Co.*

2,051,063, F. M. Winkel, Hair waving unit; Re. 22,660, Evans & McDonough, Method of and means for waving hair, filed Sept. 16, 1948, D. C., N. D. Ohio (Cleveland), Doc. 25883, *Sales Affiliates, Inc.* v. *Cuyahoga Beauty Supply Co.*

2,081,223. (See 1,907,947.)

2,149,872, D. Schmidt, Bag and method of making same, filed Sept. 10, 1948, D. C., N. D. Ohio, E. Div., Doc. 25872, *The Dobeckmun Co.* v. *La Touraine Coffee Co.*

2,206,814. (See 1,949,098.)

2,241,115, W. A. Burke, Chair, filed Sept. 13, 1948, D. C., N. D. Ind. (South Bend), Doc. ——, *Kay Line Industries, Inc.*, v. *Arnolt Corp.*

2,293,303, C. E. Morley, Adjustable support; Des. 117,072, same, Combined rear view mirror and support therefor, D. C., E. D. Mich., S. Div., Doc. 6947, *Knight-Morely Corp. et al.* v. *G. C. Knight.* Stipulation and order of dismissal without prejudice Sept. 14, 1948.

2,320,624, J. A. Love, Disk harrow, filed Sept. 18, 1948, D. C., W. D. Mich. (Grand Rapids), Doc. 1205, *Love Tractor, Inc.* v. *Farm & Tractor Equipment Specialties Co.*

2,327,836, E. G. Willard, Glove, D. C., S. D. Ill., N. Div., Doc. P–917, *Hilts-Willard Glove Corp.* v. *C. M. Hill Co.* Dismissed on merits Apr. 27, 1948.

2,368,867, A. C. Olsen, Shingle fastening device; 2,404,245, same, Fastening device, D. C., S. D. N. Y., Doc. 37/644, *The Patent & Licensing Corp.* v. *A. C. Olsen.* Judgment; counterclaim dismissed Sept. 9, 1948.

2,402,723, R. N. Bean, Means and method of sealing and testing well head connections; 2,443,944, same, Means for sealing and testing well head connections, filed Sept. 17, 1948, D. C., S. D. Tex., Doc. 4496, *Shaffer Tool Works* v. *Cameron Iron Works.*

2,404,245. (See 2,368,867.) 2,443,944. (See 2,402,723.)

Re. 22,660. (See 2,051,063.)

Des. 117,072. (See 2,293,303.)

Des. 150,682, H. J. Duester, Extensible band for watch bracelets, filed Sept. 3, 1948, D. C., N. D. Ill., E. Div., Doc. 48c1278, *J. Major Co. et al.* v. *Steelcraft Co. et al.*

NOTICES

Classification Bulletins 103-128

Classification Bulletins containing the definitions of the following patent classes, complete as amended through Classification Order No. 31, are now available and may be obtained from the Commissioner of Patents at a cost of ten cents each:

Class	Title	Bulletin No.
44	Fuel and Igniting Devices	103
60	Power Plants	104
62	Refrigeration	105
80	Metal Rolling	106
88	Optics	107
90	Gear Cutting, Milling and Planing	108
104	Railways	109
105	Railway Rolling Stock	110
116	Signals and Indicators	111
150	Cloth, Leather, and Rubber Receptacles	112
178	Telegraphy	113
179	Telephony	114
180	Motor Vehicles	115
192	Clutches and Power-Stop Control	116
200	Electricity, Circuit Makers and Breakers	117
214	Material or Article Handling	118
215	Bottles and Jars	119
237	Heating Systems	120
246	Railway Switches and Signals	121
257	Heat Exchange	122
263	Heating	123
274	Sound Recording and Reproducing	124
279	Chucks or Sockets	125
285	Pipe Joints or Couplings	126
287	Rod Joints or Couplings	127
301	Land Vehicles, Wheels and Axles	128

Adjudicated Patents

(D. C. Ill.) Stewart and Lilja patent, No. 1,822,679, for a squirrel cage induction motor, claims 3 to 12 *Held* invalid. *Barber-Colman* v. *Sampsel Time Control*, 78 F. Supp. 770, 79 USPQ —.

(D. C. Mo.) Weaver patent, No. 2,304,043, for a dry shaver, claims 6, 7, 8, 10, 11, and 12 *Held* not infringed. *Harris* v. *Washington Shirt Co.*, 78 F. Supp. 667; 78 USPQ 281.

(D. C. Mo.) Harris patent, No. 2,332,379, for a dry shaver, claims 1, 2, 10, 11, 12, and 14 *Held* not infringed. *Id.*

Interference Notice

The Big Store Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Marlboro Shirt Company, Inc., Lombard and Paca Sts., Baltimore, Md., for registration of a trade-mark and registration No. 277,138, issued November 4, 1930, to The Big Store Company, southeast corner of Seventh and Race Sts., Cincinnati, Ohio, and the notice of such declaration sent by registered mail to the said The Big Store Company at the said address having been returned by the post office undeliverable, notice is hereby given that unless The Big Store Company, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order, the interference will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

Sept. 15, 1948.

Cancellation Notice

Willoughby Camera Stores, Inc., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of The Spencer Company, 711 West Lake St., Chicago, Ill., to effect the cancellation of trade-mark registration of Willoughby Camera Stores, Inc., No. 300,972, dated February 14, 1933. The assignment records of this Office show a transfer of title to this registration to Robert B. Wheelan, New York, N. Y., joined as a respondent to defend the registration concerned. The Office having been unable to secure service upon the registrant or said Wheelan, notice is hereby given that unless they, their assigns, legal representatives, or other person claiming an interest in the registration shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Sept. 13, 1948. *Assistant Commissioner of Patents.*

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,442,014. ELECTRICAL GAME BOARD. Patented May 25, 1948. Board is divided into two playing surfaces with a plurality of playing positions on each surface for movable playing men so that a circuit will be established through two playing men to sound a signal when the men are moved to certain positions. The playing positions are provided by embedding a plurality of spaced metallic members in each playing surface with their tops flush with top of board and their shanks below bottom of board. The metallic members in one surface are wired to the bottom of sockets. Plugs in the sockets are wired to the metallic members in the other playing surface. Playing men are wired to a source of electrical energy and a buzzer. The plugs may be pulled out and indiscriminately plugged in again to change the combination after each game. (Owner) David T. Myers, 201 Eaton Road, Charlotte, N. C. Groups 36—21; 39—41. Reg. No. 10,046.

Pat. 2,445,340. LONG-BASE STRAIN OR DISTANCE GAUGE. Patented July 20, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) A gauge for measuring small changes in linear distance between two spaced zones. Two support members are permanently fastened in the zones and a removable post attached to each support. A tapeline is attached to a rotatable collar on one of the posts and to a wheel on the other post, which tensions the line. A spirit level and scale are mounted for vertical swinging adjustment parallel to the wheel for measuring changes in the vertical angular position of the wheel. (Owner) H. R. Thomas, 27 Cleveland St., Kensington, Md. Group 35—65. Reg. No. 10,047.

The following 7 patents are owned by Earl H. Hurley, 162½ Maple Ave., Corry, Pa.

Pat. 2,241,859. PORTABLE CLIMBER. Patented May 13, 1941. Groups 25—99; 33—81. Reg. No. 10,048.

Pat. 2,330,288. PORTABLE CLIMBER. Patented Sept. 28, 1943. Groups 25—99; 33—81. Reg. No. 10,049.

The portable climber in each of these two patents consists of a sectional standard having a pair of longitudinal tracks in opposite sides with a pair of stirrups slidably mounted on the tracks. When a person climbs and descends standard, he alternately moves the stirrups step by step with his feet. In Pat. 2,330,288 each stirrup carries an eccentric roller which frictionally engages the face of a track to prevent accidental slipping of stirrups. A plunger inside stirrup near its inner side is connected to each eccentric. The eccentrics do not interfere with free sliding movement of stirrups in an upward direction on tracks, but they must be released before stirrups can be slid down. Exerting foot pressure on a plunger simultaneously releases eccentric and forces stirrup down until plunger is released. The sections of the standard (which includes a suitable base) are easily connected and disconnected.

Pat. 2,247,024. PORTABLE SUPPORT. Patented June 24, 1941. Group 33—59—81. Reg. No. 10,050.

Pat. 2,350,113. PORTABLE SUPPORT. Patented May 30, 1944. Group 33—59—81. Reg. No. 10,051.

Adjustable supports of these two patents for plumbing pipes, light fixtures, etc., may be easily installed between a pair of spaced joists or walls without the use of nails, bolts, or the like. Each support consists of a pair of separable telescoped sections of channel bar material with a piercing prong on the outer end of each section. The bottom inner ends of the sections are formed with integral interlocking means for holding the sections together when installed in various extended positions with prongs embedded in oppositely disposed supporting surfaces. In Pat. 2,350,113 the inner bottom end of outer section has an upwardly inclined tongue for interlocking engagement with any one of a row of openings in bottom of inner section. Bulging projections in the sides of outer section are adapted to snap into longitudinal grooves in the sides of inner section.

Pat. 2,394,913. SWING. Patented Feb. 12, 1946. Group 25—14. Reg. No. 10,052.

Pat. 2,413,232. SWING. Patented Dec. 24, 1946. Group 25—14. Reg. No. 10,053.

These two patents show swings having operating means including levers controlled by occupant seated in swing so that swinging movement will result when occupant exerts pull on levers. Because of ease of operation, the swing provides an exercising device with recreational and amusement qualities. It may be easily operated by a patient to aid in restoring injured muscles and nerves. The swing may embody an upper rigid section pivoted to an overhead support and a pivoted lower section. Lower section will shift under occupant's weight when pull is exerted on levers to cause swing to move. Several modified types of swing are shown.

Pat. 2,443,248. MOTION PICTURE FILM STRIP UNWINDING APPARATUS. Patented June 15, 1948. Apparatus unwinds film from the center of a roll, guides it through a moving picture machine, and winds it on a collapsible hub from which it is readily removed in roll form. The roll is then placed on a drum mounted on top of a turntable of the apparatus and re-exhibited. Concentric spring-pressed centering fingers mounted on turntable around drum engage outermost loop of film and move inwardly as roll is unwound. If film unwinds too fast, an antomatic clutch temporarily stops turntable until slack is taken up. Turntable and collapsible hub are normally geared for rotation together. If the apparatus is used with machines where it is necessary to operate turntable independently of hub, a disk having long depending fingers is utilized. The disk may be mounted above drum so that rollers on free ends of fingers will hold loops of film (being unwound) separated to prevent kinking or bending. Group 39—12. Reg. No. 10,054.

Pat. 2,245,508. SANITARY LAMINATED PAD. Patented June 10, 1941. A sanitary pad for cleansing after defecation, disintegrable in water after use. Comprises a layer of absorbent cotton over a layer of cellulosic material and covered with a backing layer of tough water-resistant paper. Has a flange at one end turned to overlap a portion of the absorbent cotton layer for gripping pad. (Owner) George B. Travis, 2150 Pennsylvania Ave., N. W., Washington 7, D. C. Group 39—16. Reg. No. 10,055.

Pat. 2,339,170. AUTOMOBILE DOOR LOCK CONTROL DEVICE. Patented Jan. 11, 1944. Electric door-locking device may be used with conventional automobile door locks without materially changing them, and will not interfere with manual operation of such locks. The only change necessary is to provide an extension on the lower end of the manual push-pull rod commonly associated with each lock. As soon as the device locks the doors, no current is expended to keep them locked. When ignition switch is turned on with device installed, a warning light on dash will light and remain lighted until all doors are locked, or ignition turned off. Pressing a single push-button switch on dash will automatically and simultaneously lock all properly closed doors and break a normally closed circuit on each door after it is locked. If any door is improperly closed, when button is pressed a buzzer will sound. The warning light will light if any of the locked doors is subsequently unlocked while ignition is on. Modifications are shown. (Owner) Gustave Berliner, 800 East Oaks Ave., Compton, Calif. Groups 36—19; 38—31. Reg. No. 10,056.

Pat. 2,446,287. VERNIER FOR MECHANICALLY MEASURING ANGLES. Patented Aug. 3, 1948. This protractor can be applied directly to a planer, boring mill, etc., to automatically measure and indicate the exact angle through which the machine part is moved. A pivot is held stationary to an axle about which the part to be adjusted turns. A vernier disk is non-rotatably secured to the outer end of the pivot. A vernier arm is rotatably mounted on the pivot and attached to the part to be adjusted. The arm is interconnected by a train of gears with the stationary vernier disk. A second vernier disk is rotatably mounted on the disk arm and connected with the other parts by a gear train in such a way that it will automatically indicate the angle through which the machine element has been moved. (Owner) Elmer W. Kelley, 2205 East Routt Ave., Pueblo, Colo. Group 35—43. Reg. No. 10,057.

Pat. 2,437,982. HYDRAULIC DRUM JACK AND CARRIER. Patented Mar. 16, 1948. A combination jack and truck carrier are adapted to handle heavy drums. Truck includes upper and lower semi-circular bands, with a chain attached to the free ends of upper band to encircle drum. Stationary caster wheels are attached to sides of lower band, and a rotary caster at front. Arms secured to the front of the bands are attached by an upright. The upper arms and band are raised by a hydraulic jack mounted on lower arms, the jack stem engaging a plate secured to lower edges of upper arms. The arms are connected by coil springs on opposite sides of the jack, which is operated by a handle in conventional manner, with the upper band engaging a rib on drum. Carrier has lift hooks for loading and unloading by a hoisting cable. (Co-owner) Oleva I. Tietsema, P. O. Box 578, Oviedo, Fla. Group 35—63. Reg. No. 10,058.

Pat. 2,416,600. COMBINATION LIP AND HANDLE ASSEMBLY FOR CONTAINERS. Patented Feb. 25, 1947. Detachable lip and handle assembly for top of paint cans prevents paint from dripping down outer sides of can when brush is wiped on lip. The device consists of a split band having a relatively wide flaring flange around its top to form the lip. One end of band terminates in a hand grip and the other end terminates in a tab. A wing nut and bolt are used to draw band together so that its unflanged portion will embrace top of can, with bead of can seating on an annular shoulder of band. Device may be made from a single piece of strip metal. (Owner) Morton Waddell, 9 Lawrence Place, Bay Shore, Long Island, N. Y. Groups 33—59—73; 34—41. Reg. No. 10,059.

Pat. 2,438,314. SIGNAL STAFF HOLDING FINGER. Patented Mar. 23, 1948. Finger is easily attached to doors of mail boxes for swinging movement therewith to releasably hold a pivoted signal staff down when door is closed. When door is opened, finger slides outwardly on and past end of staff to permit staff to swing to upright signaling position under influence of a spring. When door is closed and staff lowered, it contacts finger, swinging outwardly on and past end of finger and then inwardly beneath finger. Finger (made from a single strip of metal) has an inwardly struck bendable tab near one end and a hook on the other end to secure it to opposite edges of door. Modifications shown. (Owner) Joseph P. Dalton, Cedar Ave. and White Horse Pike, Berlin, N. J. Group 33—59—73. Reg. No. 10,060.

Pat. 2,446,266. JET PROPELLED HELICOPTER ROTOR. Patented Aug. 3, 1948. A blowback stop mechanism for jet-propelled helicopter rotors which seals off the air and closes the lead port in the jet motor housing from the combustion chamber until the tip speed of the rotor reaches 350 M. P. H. Thereafter, the motor operates by ram compression and the speed and power are controlled by mefering the fuel. The mechanism extends about the rear end of a fuel spray nozzle and includes a channeled stationary ring having a rotating ring within. A number of overlapping segments pivotally supported in channel of stationary ring engage slots in the rotating ring. Rotating ring is operated by a rack and pinion to open and close the segments to open the air inlet port when the motor is to be run on ram compression and to close the segments to seal off the air while the motor is starting on compressed air. (Owner) Thomas L. Cummings, Box 635, Ketchikan, Alaska. Group 37—22. Reg. No. 10,061.

Pat. 2,443,355. PIPE CLEANER. Patented June 15, 1948. Cleaner connects a pipe, cigar, or cigarette holder to a faucet to flush them out. It consists of a small cylindrical body having an integral, radial, flaring stud on its periphery, and two removable dome-shaped rubber plugs of different size. Large plug fits in one end of body and small plug fits in outer end of stud. A continuous fluid passage extends through plugs, stud, and body. Cleaner may be held in one hand with pipe bowl pressed against large plug and small plug pressed against faucet, leaving other hand free. (Owner) James A. Manning, 156 Willow St., Lawrence, Mass. Groups 39—81; 40. Reg. No. 10,062.

Pat. 2,443,381. AUTOMOBILE TRAY. Patented June 15, 1948. A pull-out tray for instrument panel of automobiles, having a closure member flush with panel, is slidably mounted on a pair of spaced parallel bars. The bars extend through openings in two pairs of aligned lugs in bottom of tray near its inner end. The front ends of the bars are secured to a transverse bar screwed to instrument panel. The free inner ends of the parallel bars diverge slightly to provide binding action between them and the lugs to hold tray against vibration when it is in retracted position. (Owner) Walter G. Farrar, Jr., 507 Libbie Ave., Richmond, Va. Groups 33—72; 38—31. Reg. No. 10,063.

Pat. 2,438,094. ELEVATOR SWITCH. Patented Mar. 16, 1948. A tamper-proof safety switch for elevator doors and the like. A pair of spaced contacts is supported in a sealed casing. An electrically conductive actuator guide member has an elongated bore which extends into casing.

Guide directs the actuator between the contacts into operative or inoperative position when the elevator door is closed or opened. The control circuit is completely disabled when an attempt is made to introduce an incorrect actuator. (Owner) Swift & Company, Union Stock Yards, Chicago, Ill. Groups 35—62; 36—19. Reg. No. 10,064.

Pat. 2,439,334. SURFACE CLEANING MACHINE. Patented Apr. 6, 1948. A machine for defeathering poultry or cleaning any irregularly shaped article having loosely adhering material on its surface. Machine has two cylindrical whipping members, driven in opposite directions, rotatably mounted in a frame. Each whipping member includes a number of spaced ridged disks of deformable material such as heavy canvas duck coated with gummy latex, with flaps between the disks. When a fowl is pressed between the cylindrical members, the disks bend to frictionally engage the carcass, and pin feathers, etc., are pulled from the surface. (Owner) Swift & Company, Union Stock Yards, Chicago, Ill. Groups 20—15; 35—51. Reg. No. 10,065.

Pat. 2,408,544. TWIST DRILL SHARPENER. Patented Oct. 1, 1946. A honing fixture for sharpening drills of sizes from 1 to 80. The body is formed with a transverse recess and a longitudinal hole open at opposite ends of the body. A clamping member is mounted in the recess, rotatable on the body to an extent of 180°, and has a hole in registration with the hole in the body for receiving and supporting a drill in sharpening position. The drill is locked in the clamp by a tightening screw, and then locked in the body by a tightening screw, so that during the honing operation the drill lips are always disposed at a proper angle. (Owner) Joseph Banner, 158 West 80th St., Los Angeles 3, Calif. Group 35—41. Reg. No. 10,066.

Pat. 2,446,086. COMBINED COMB AND BRUSH. Patented July 27, 1948. Comb is housed within the brush and may be withdrawn by grasping knob on outer end of comb, the brush forming a handle for the comb. The brush back is made of two parts interlocked at one end but otherwise spaced apart, forming a longitudinal slideway for the comb. A short pin forms a stop to limit the outward movement of comb. (Owner) James Hermans. Address correspondence to Lucke & Lucke, 12 East 41st St., New York 17, N. Y. Groups 30—32; 34—54; 39—22—81; 40. Reg. No. 10,067.

Pat. 2,443,705. VENTILATING DEVICE FOR WATER CLOSETS. Patented June 22, 1948. The purpose of this invention is to provide means for withdrawing foul air from the conventional toilet bowl during use. The invention consists of a ventilating tube and valve-controlled siphon arrangement extending upwardly from the upper end of the bowl into the flush tank. At the upper end of the tube coils are formed which terminate in a drain pipe leading from the bowl. The construction of the coil, siphon, method of operation, and the like are set forth in the patent. (Owner) Harold Fitzgerald, 17584 Northrop Ave., Detroit 19, Mich. Groups 32—61; 33—61. Reg. No. 10,068.

Pat. 2,407,841. GARMENT HANGER. Patented Sept. 17, 1946. Hanger clamps several garments in suspended position. Four bars are pivoted together at rear end for lateral horizontal swinging movement about a hinge pintle. The front ends of inner bars are provided with lateral bosses forming stop shoulders against which outer bars fit for proper spacing. Fastener pins on front ends of inner bars coact with slots so that garments may be clamped between the two inner bars and between each inner bar and an outer bar. A pair of oppositely turned hanger hooks are pivoted in slots at top of the two inner bars and swing upward to support the hanger on the usual rod. When not in use, the hooks are housed in the slots. (Co-owner) Frank Le Roy, 3930 30th St., San Diego, Calif. Groups 25—99; 33—49; 40. Reg. No. 10,069.

Pat. 2,442,479. KEY RETAINER. Patented June 1, 1948. This key case has a number of spaced separators forming compartments. The separators are pivotally attached at one end, and the free ends are held together by a key string threaded through apertures in ends of the separators to hold a key in each compartment. By pulling a key out of its place the string will flex out, and the key may be placed in a lock without disarranging the other keys. To return the key to its compartment the free end of the string is pulled. (Owner) Garland L. Adair, 4217 Alamo, Fort Worth, Tex. Groups 31—72; 40. Reg. No. 10,070.

Pat. 2,444,207. SURGICAL PROBING AND EXTRACTING PLIERS, ELECTRICALLY CONTROLLED. Patented June 29, 1948. Surgical probing and extracting pliers have automatically operated electric means for signaling when a metallic object sought (such as a bullet) has been located. Consists of a handle wherein an electric lamp and battery are provided which are normally out of circuit. The circuit is completed only when the metallic object probed for is firmly grasped by the instrument. The lamp provides a signal and illuminates operation of the extraction. When a metallic object is gripped by the jaw elements of instrument, current flows from upper jaw element through the metallic object to the lower jaw element, through the instrument to the handle, and through a bushing mounting a light bulb, and back to the battery, lighting the bulb. (Owner) Samuel B. Smith, North Hackensack, N. J. Groups 36—21; 39—16. Reg. No. 10,071.

Pat. 2,446,542. ELECTRICAL CABLE CONNECTOR. Patented Aug. 10, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928: 370 O. G. 757.) An electrical cable connector capable of transmitting high electrical loads uniformly while under high tensile load. The connection comprises two main sections, one of brass and one of aluminum, one threaded within the other. The conductor and the connector are welded together and the shank of the connector compressed around the conductor and screwed into the brass section. The electrical path through the connector utilizes the high conductivity of the fused mass of annealed aluminum in contact with every wire of the conductor, while the compressed mechanical connection provides the tensile strength. (Owner) Donald MacInnes, 124 East 91st St., New York 28, N. Y. Group 36—11—31. Reg. No. 10,072.

Notice

General Aniline & Film Corporation is offering licenses at reasonable royalty under more than 3,000 of its patents. The patents will be listed, in the near future, in the Register of Patents Available for License or Sale. Pending such publication, a booklet containing listing of these patents may be secured from the Corporation or from the U. S. Patent Office.

Further information may be secured through the Patent Department, General Aniline & Film Corporation, 247 Park Avenue, New York 17, N. Y.

Notice

E. I. du Pont de Nemours and Company has placed more than 4,000 of its patents on the Register of Patents as available for license only. Licenses will be granted on reasonable terms.

Pending publication of patent numbers and abstracts in the GAZETTE, listings may be inspected at the U. S. Patent Office.

These patents are contained in 10 schedules. Schedules will be published shortly and the listings of patents will follow by schedule number.

Communications concerning specific abstracts should be addressed to Patent Division, E. I. du Pont de Nemours and Company, Wilmington 98, Delaware.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 19, 1948

[VOL. 615. No. 3]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 525,268. THE WILCOX COMPANY, Moorhead, Minn. Filed June 30, 1947.

Who·o! Who·o!



The words "Be Wise and Buy" are disclaimed apart from the mark as shown.

FOR SEED POTATOES.

Claims use since Sept. 1, 1924.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 510,668. MAX FELDMAN, Miami Beach, Fla. Filed Oct. 11, 1946.

FEATHERSHAVE TRAVELIGHT

"Travelight" is disclaimed apart from the mark.

FOR TOILET CASES.

Claims use since Aug. 30, 1946.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 501,991. JOSEPH W. LAWLOR, doing business as Atlantic Cable Splicing Co., Montrose, Calif. Filed May 13, 1946.

SPIDER

FOR SPECIAL DEVICE COATED WITH DDT CRYSTALS FOR USE AS AN INSECTICIDE.

Claims use since Mar. 25, 1946.

Ser. No. 510,935. CARBIDE AND CARBON CHEMICALS CORPORATION, New York, N. Y. Filed Oct. 16, 1946.

PROPASOL

FOR CHEMICAL PREPARATION FOR USE AS A SOLVENT IN THE INDUSTRIAL ARTS AND ADAPTED FOR USE ALSO AS A FUMIGANT AND AN INSECTICIDE.

Claims use since 1935.

Ser. No. 512,391. CUTTER LABORATORIES, Berkeley, Calif. Filed Nov. 12, 1946.

I-T SAFTIFUGE

FOR SOLUTION OF SODIUM CITRATE, DEXTROSE, AND CITRIC ACID.

Claims use since August 1942.

Ser. No. 513,833. MICHIGAN CHEMICAL CORPORATION, St. Louis, Mich. Filed Dec. 6, 1946.

SOILMASTER

FOR COMPOUND CONTAINING CHLOROBROMOMETHANE FOR USE IN THE TREATMENT AND FUMIGATION OF SOIL FOR THE CONTROL OF NEMATODES.

Claims use since July 2, 1946.

Ser. No. 514,271. BLANCHE DUNLAP GLASS, doing business as Brown Palace Beauty Salon, Denver, Colo. Filed Dec. 14, 1946.

Blanche Dunlap

The mark is the facsimile of the signature of applicant prior to her present marriage.

FOR COSMETICS AND TOILET PREPARATIONS—NAMELY, FACE POWDER, CLEANSING CREAMS, EXTRA RICH NIGHT CREAMS, DRY SKIN MIXTURES, HAIR AND SCALP PREPARATIONS.

Claims use since Jan. 1, 1938.

Ser. No. 523,724. MORRIS D. ZALOWITZ, Ph. D., doing business as Chirothesy Enterprises, Los Angeles, Calif. Filed June 3, 1947.

Chi-ro'-the-sy

FOR COLD REMEDY.

Claims use since Dec. 25, 1946.

Ser. No. 524,134. RICHARD HUDNUT, New York, N. Y. Filed June 13, 1947.

AMERICAN BEAUTY

Applicant is the owner of Reg. No. 88,990 dated Oct. 29, 1912 (renewed).

FOR FACE POWDER, ROUGE AND LIPSTICK.

Claims use since June 5, 1947.

CLASS 7

CORDAGE

Ser. No. 515,633. THE PLASTIC WIRE & CABLE CORPORATION, Jewett City, Conn. Filed Jan. 11, 1947.

PLASTI-SASH CORD

No claim is made to the words "Sash Cord" for use on cords apart from the mark as shown.

FOR CORD.

Claims use since Dec. 24, 1946.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 518,753. CORRY-JAMESTOWN MANUFACTURING CORPORATION, Corry, Pa. Filed Mar. 10, 1947.

Steel Age

The word "Steel" is disclaimed apart from the mark.

FOR METAL WINDOW SASH, METAL WINDOW FRAMES, METAL WINDOW CASEMENTS, METAL STORM SASH, METAL STORM WINDOWS, METAL WINDOW SCREENS, AND PARTS THEREOF.

Claims use since Feb. 27, 1947.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 508,490. JOHN L. MOORE AND HARRY C. MOORE, Wichita Falls, Tex. Filed Sept. 4, 1946.

MOOREWAY

FOR VALVES FOR SUPPLYING AND DRAINING A WATER SYSTEM IN ONE UNIT.

Claims use since June 20, 1946.

Ser. No. 517,617. CINCINNATI IRON FENCE CO. INC., Cincinnati, Ohio. Filed Feb. 17, 1947.

Save a Sink

FOR KITCHEN APPLIANCE IN THE FORM OF A COMBINATION PORTABLE DRAINBOARD, TRAY, AND COVER FORMED OF METAL FOR USE ON SINKS, COUNTERS, AND LIKE AREAS WHERE FOOD AND BEVERAGES ARE PREPARED OR SERVED.

Claims use since Oct. 17, 1946.

Ser. No. 517,951. AMERICAN IRON & MACHINE WORKS COMPANY, Oklahoma City, Okla. Filed Feb. 24, 1947.



FOR CHECK-VALVES, FLOAT-VALVES, GATE-VALVES, RELIEF-VALVES, RELEASE-VALVES, HOSE-COUPLINGS, PACK-GLANDS, PIPE-SLIPS, WATER SOFTENING APPARATUS OF THE "TRAP" TYPE, PIPE-COUPLINGS, AND PIPE-FITTINGS—NAMELY, ELLS, BENDS, AND TEES.

Claims use since June 1, 1938.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 507,574. ALONZO E. DAVIS, Montgomery, Ala. Filed Aug. 17, 1946.



FOR FURNITURE POLISH.

Claims use since Mar. 1, 1923.

Ser. No. 511,485. W. J. LYNCH PAINT & VARNISH CO., INC., East Providence, R. I. Filed Oct. 25, 1946.

LYNCH

FOR PAINTS AND VARNISHES FOR HOUSE AND INDUSTRIAL USE.

Claims use since Aug. 15, 1946.

Ser. No. 511,615. HERBERT S. INGBER, doing business as The Transglo Company, Little Neck, New York, and Corona, New York, N. Y. Filed Oct. 28, 1946.

TRANSGLO

The drawing is lined to represent yellow color.

FOR SEMI-LIQUID WALLPAPER WAX TO BE USED AS A COATING TO KEEP WALLPAPER WATER-PROOF, STAIN-PROOF, AND WASHABLE.

Claims use since July 22, 1946.

Ser. No. 513,577. MORRIS PAINT & VARNISH CO., St. Louis, Mo. Filed Dec. 2, 1946.

ALKYTEX

FOR READY-MIXED PAINT FOR SASH AND TRIM.

Claims use since July 8, 1945.

Ser. No. 515,577. MICHIGAN CHROME & CHEMICAL COMPANY, Detroit, Mich. Filed Jan. 10, 1947.

MICCROPLASTIC

FOR PLASTIC PROTECTIVE COATINGS FOR ELECTROLYTIC PLATING TANKS AND RACKS.

Claims use since May 6, 1946.

Ser. No. 516,574. ROBERTS PAINT CORP., New York, N. Y. Filed Jan. 29, 1947.



The surname "Roberts" is disclaimed.

FOR READY MIXED PAINTS, PASTE PAINTS, WOOD STAINS, VARNISHES, VARNISH STAINS, PAINT ENAMELS, CHEMICAL PAINT AND VARNISH REMOVERS, FILLERS FOR USE BY PAINTERS, AND COLORS IN OIL.

Claims use since June 1, 1946.

Ser. No. 516,910. JAMES H. NADEN, doing business as J. H. Naden Sales Co., Denver, Colo. Filed Feb. 4, 1947.

Color-ado

The word "Color" is disclaimed apart from the mark as shown.

FOR CEMENT BASE PAINT FOR WATERPROOFING MASONRY.

Claims use since Mar. 1, 1939.

Ser. No. 520,847. WINSOR & NEWTON, LIMITED, Wealdstone, Harrow, Middlesex, England. Filed Apr. 16, 1947.



FOR COLORS, PAINT PIGMENTS (CAKE AND MOIST TUBE), AND COLOR LIQUIDS IN BOTTLES, ALL FOR ARTISTS' USE.

Claims use since Feb. 1, 1945.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 515,423. CHARLES E. HASTINGS, doing business as Hastings Instrument Company, Hampton, Va. Filed Jan. 8, 1947.

RAYDIST

FOR RADIO TRANSMITTERS AND RECEIVERS FOR USE IN NAVIGATION TO DETERMINE DISTANCES AND POSITION IN TERMS OF PHASE ANGLE RELATIONSHIPS.

Claims use since Oct. 13, 1946.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 501,468. MT. VERNON WATCH CO., INC., New York, N. Y. Filed May 4, 1946.

CRESTWOOD

FOR WATCHES.
Claims use since Dec. 3, 1935.

Ser. No. 517,720. GREYGOR WATCH CO., New York, N. Y. Filed Feb. 18, 1947.

SETTER

FOR WATCHES, CLOCKS, AND PARTS THEREOF; WATCH CASES, WATCH AND CLOCK DIALS.
Claims use since Feb. 1, 1947.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 525,683. ROSENTHAL & KAPLAN, New York, N. Y. Filed July 2, 1947.

Roka

FOR FINGER RINGS.
Claims use since Feb. 5, 1947.

CLASS 30

CROCKERY, EARTHENWARE, AND PORCELAIN

Ser. No. 516,501. PLYMOUTH WHOLESALE DRY GOODS CORPORATION, New York, N. Y. Filed Jan. 28, 1947. Under the act of February 20, 1905, as amended June 10, 1938.

Hearthstone

FOR ARTICLES MADE OF CHINA, SEMI-PORCELAIN AND POTTERY—NAMELY, DINNER AND BREAKFAST SETS, BOWLS, POTS, AND BAKING DISHES.
Claims use since Feb. 13, 1945.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 492,028. T. BAUMRITTER CO., INC., New York, N. Y. Filed Nov. 23, 1945.

EASYREST

FOR LIVING ROOM CHAIRS.
Claims use since Nov. 18, 1945.

Ser. No. 523,902. MASSACHUSETTS MATTRESS COMPANY, Boston, Mass. Filed June 10, 1947.

SHIELD CRIMSON

FOR BEDDING CONSISTING OF MATTRESSES, BOX SPRINGS, STUDIO COUCHES, AND SOFA BEDS.
Claims use since January 1918.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 474,480. CORNING GLASS WORKS, Corning, N. Y. Filed Sept. 22, 1944.



The trade-mark consists of the fanciful representation of a man in the act of blowing glass.

FOR COLLARS (SPACERS FOR THREADING ON TABLE OR FLOOR LAMP STANDARDS); COLOR SCREENS (COLORED GLASS TO BE PLACED ABOUT LIGHTING UNITS); COVER GLASSES (TO PROTECT LIGHTING WARE SURFACES); CYLINDER SECTIONS; PRESNELS; GLOBES, CHIMNEYS, AND ROUNDELS FOR LAMPS AND HEATERS; LAMP BASES; FOUNTS AND LAMP SUPPORTS; OVEN DOOR PANELS; PENDANTS (ORNAMENTAL GLASS SHAPES); SHADES; SKIRTS (FLARED GLASS USED IN LAMP ASSEMBLIES); BOWLS; FLAT GLASS (TO SURROUND LIGHT SOURCES); LENSES, REFLECTORS AND REFRACTORS ALL FOR CONTROLLING THE CHARACTER AND DISTRIBUTION OF ARTIFICIAL LIGHT.
Claims use since 1880.

Ser. No. 516,029. MUTUAL LIQUID GAS AND EQUIPMENT CO. INC., Inglewood, Calif. Filed Jan. 20, 1947.

Mutual's Mighty Midget

No claim is made to the words "Mighty Midget" apart from the mark.
FOR GAS BURNING FLOOR AND WALL FURNACES.
Claims use since July 1, 1945.

Ser. No. 520,850. IRVING H. YARIN, doing business as Red Wing Oil Burner Company, Chelsea, Mass. Filed Apr. 16, 1947.

RED WING

The lining shown in the drawing represents the color red.
FOR OIL BURNERS AND PARTS THEREOF FOR DOMESTIC AND INDUSTRIAL HEATING.
Claims use since September 1937.

Ser. No. 523,785. LANGTOT INC., New York, N. Y. Filed June 7, 1947.

windo-aire

Applicant disclaims the word "aire" apart from the mark as shown.
FOR WINDOW VENTILATORS HAVING POWER DRIVEN FANS.
Claims use since Oct. 10, 1946.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 516,247. ANGLOPHONE RECORDINGS, INC., New York, N. Y. Filed Jan. 24, 1947.

ANGLOPHONE RECORDINGS·INC.

No claim is made to the words "Recordings" and "Inc." and to the representation of the goods apart from the mark.
FOR NON-ELECTRICAL PHONOGRAPHS, AND MECHANICALLY GROOVED PHONOGRAPH RECORDS OF THE WIRE, DISC, OR TAPE TYPE.
Claims use since Nov. 20, 1946.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 512,679. GEORGE W. LEISTNER, doing business as The Bookmark, Stockton, Calif. Filed Nov. 15, 1946.

BOOKMARKS FOR COOKS

The use of the words "For Cooks" is disclaimed apart from the mark.
FOR BOOKLET PUBLISHED RECURRENTLY.
Claims use since Oct. 15, 1946.

CLASS 39

CLOTHING

Ser. No. 494,229. MISS COQUETTE, INC., New York, N. Y. Filed Jan. 3, 1946.

Miss Coquette

FOR LADIES' SLIPS, NIGHTGOWNS, PAJAMAS, PANTIES, BED JACKETS, AND PETTICOATS.
Claims use since Dec. 5, 1944.

Ser. No. 498,705. HARRY E. LISBERG CO., Chicago, Ill. Filed Mar. 21, 1946.

CLUB HOUSE

FOR LADIES' AND MISSES' BLOUSES.
Claims use since Sept. 15, 1943.

Ser. No. 500,994. MIAMI SPORTSWEAR CO., Miami, Fla. Filed Apr. 26, 1946.

Leeb OF MIAMI

The words "Of Miami" are disclaimed apart from the mark as shown.
FOR MEN'S, BOYS', WOMEN'S, GIRLS', MISSES', AND CHILDREN'S SWIM SUITS, SWIM SHORTS, SWIM AND PLAY SHORTS, OUTER SHORTS, UNDER SHORTS, PLAY SUITS, SUN SUITS, SUITS, SLACKS, SLACK SUITS, SLACK SETS; UNDERSHIRTS, PANTIES; PANTS, PAJAMAS, JACKETS, SPORT JACKETS, LEATHER JACKETS; DRESSES, HALTERS, BRASSIÈRES, SLIPS, HOSIERY, BLOUSES, GIRDLES, SKIRTS, BEACH SHIRTS, ROBES, COATS, HATS, CAPS, HELMETS, BONNETS, SCARFS, SWEATERS, NECKTIES, RAINCOATS, BELTS FOR OUTER WEAR, SHOES MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF, AND SHIRTS.
Claims use since Apr. 2, 1946.

Ser. No. 500,995. MIAMI SPORTSWEAR CO., Miami, Fla. Filed Apr. 26, 1946.

SUCCE OF MIAMI

The words "Of Miami" are disclaimed apart from the mark as shown on the drawing.

FOR MEN'S, BOYS', WOMEN'S, GIRLS', MISSES', AND CHILDREN'S SWIM SUITS, SWIM SHORTS, SWIM AND PLAY SHORTS, OUTER SHORTS, PLAY SUITS, SUN SUITS, SUITS, SLACKS, SLACK SUITS, SLACK SETS; PANTS, PAJAMAS, JACKETS, SPORT JACKETS, LEATHER JACKETS; DRESSES, HOSIERY, BLOUSES, SKIRTS, BEACH SHIRTS, ROBES, COATS, HATS, CAPS, HELMETS, BONNETS, SCARFS, SWEATERS, NECKTIES, RAINCOATS, BELTS FOR OUTER WEAR, SHOES MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF, AND SHIRTS.

Claims use since Apr. 2, 1946.

Ser. No. 510,136. U. S. FIBER & PLASTICS CORP., Stirling, N. J. Filed Oct. 2, 1946.

MILLION AIR

FOR KITCHEN APRONS MADE OF PLASTIC SHEETING.

Claims use since Sept. 18, 1946.

Ser. No. 510,343. THE QUALITY STORE, INC., Wilmington, Del. Filed Oct. 5, 1946.

KENTSHIRE

FOR SUITS, TOPCOATS, AND SPORTCOATS FOR MEN AND BOYS.

Claims use since Sept. 7, 1946.

Ser. No. 525,793. COLUMBIA TRADE MARK CO. INC., New York, N. Y. Filed July 3, 1947. Under 10-year proviso.

Columbia

FOR MEN'S OUTER AND UNDER SHIRTS, PAJAMAS, SHORTS.

Claims use since 1874.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 503,435. THE DE LONG HOOK AND EYE COMPANY, Philadelphia, Pa. Filed June 7, 1946.



The drawing is lined to indicate the colors blue, red, and yellow.

FOR HOOK AND EYE TAPE.

Claims use since May 1, 1946.

Ser. No. 517,927. SEELY SHOULDER PAD CORPORATION, New York, N. Y. Filed Feb. 21, 1947.

Fe-metics

FOR FORMS FOR COMBINATION WITH GARMENTS TO MOLD AND SHAPE THE FIGURES WEARING THE GARMENT, SHOULDER PADS FOR WEARING APPAREL, DRESS SHIELDS AND BUST FORMS FOR WEARING APPAREL.

Claims use since Dec. 11, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

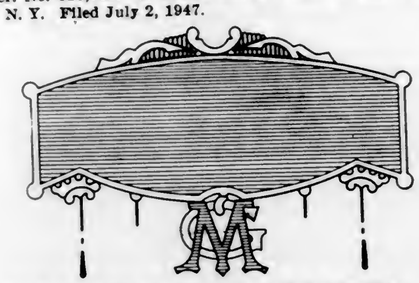
Ser. No. 492,365. DURELLE FABRICS CORP., New York, N. Y. Filed Nov. 29, 1945.

DURLON

FOR PRINTED PYROXYLIN COATED COTTON CLOTH USED FOR MAKING MATTRESS COVERS, PAD COVERS, BEACH COVERS, BIBS, AND APRONS.

Claims use since Aug. 14, 1945.

Ser. No. 525,701. J. P. STEVENS & CO., INC., New York, N. Y. Filed July 2, 1947.



FOR WOOLEN AND WORSTED PIECE GOODS.

Claims use since 1907.

CLASS 43

THREAD AND YARN

Ser. No. 518,223. HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y. Filed Feb. 27, 1947.

Hiawatha

BEAD TWIST

The words "Bead Twist" are disclaimed apart from the mark.

FOR THREAD, TO BE USED FOR CROCHETING AND KNITTING BEADED BAGS AND FOR ALL TYPES OF BEAD EMBROIDERY.

Claims use since Dec. 1, 1946.

Ser. No. 518,655. CENTURY THREAD CORP., New York, N. Y. Filed Mar. 7, 1947.

SWANEE

FOR SEWING THREAD OF COTTON, SILK, NYLON, AND PROTEIN FIBERS.

Claims use since Dec. 26, 1946.

Ser. No. 518,656. CENTURY THREAD CORP., New York, N. Y. Filed Mar. 7, 1947.

SWANEE

FOR SEWING THREAD OF COTTON, SILK, NYLON, AND PROTEIN FIBERS.

Claims use since Dec. 26, 1946.

615 O. G.—36

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 442,196. THE KERR ICE CREAM COMPANY, Cincinnati, Ohio. Filed Apr. 2, 1941.

Sweetheart

FOR ICE CREAM.

Claims use since Mar. 1, 1940.

Ser. No. 517,700. ANTHONY CASTELLO, doing business as Castello Packing Company, Brooklyn, N. Y. Filed Feb. 18, 1947.

BELLEZZA

FOR EDIBLE SALAD AND COOKING OIL, I. E., A BLEND OF CORN OIL, PEANUT OIL, AND OLIVE OIL.

Claims use since Apr. 19, 1944.

Ser. No. 517,928. C. F. SIMONIN'S SONS, INC., Philadelphia, Pa. Filed Feb. 21, 1947.

Seazo

FOR EDIBLE VEGETABLE OIL WHICH CAN BE USED AS POPCORN SEASONING BUT WHICH CAN ALSO HAVE OTHER USES.

Claims use since Jan. 28, 1947.

Ser. No. 520,413. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Apr. 9, 1947.

PROMAFAT

Applicant is the owner of Reg. No. 339,954.

FOR EDIBLE VEGETABLE FATS.

Claims use since September 1939.

Ser. No. 521,786. VICTOR BEAM, doing business as Pope's Grill, Tulsa, Okla. Filed May 3, 1947.

Your Dressing

The word "Dressing" is disclaimed apart from the mark.
FOR SALAD DRESSINGS.
Claims use since Jan. 1, 1947.

Ser. No. 524,802. KRIM-KO CORPORATION, Chicago, Ill. Filed June 25, 1947.

KRIM-KO

FOR CHOCOLATE FLAVOR SYRUPS USED IN FOODS.
Claims use since Sept. 19, 1944.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 534,275. GUTMANN AND COMPANY, Chicago, Ill. Filed Sept. 12, 1947.

"Shubuck"

Applicant claims ownership of registration No. 199,239.
FOR LEATHER.
Claims use since Dec. 11, 1923.

Ser. No. 536,953. RED JACKET COAL SALES COMPANY, Columbus, Ohio. Filed Oct. 6, 1947.

SIXEME COAL

No exclusive use to the word "Coal" is claimed apart from the mark as shown.
FOR COAL.
Claims use since Mar. 1, 1947.

CLASS 2

RECEPTACLES

Ser. No. 509,374. BARBARA A. SAGER, doing business as Sager Enterprises, West McHenry, Ill. Filed Aug. 28, 1947.

Fastidios

FOR SANITARY NAPKIN DISPOSAL POUCHES MADE OF PAPER OR THE LIKE.
Claims use since Sept. 12, 1946.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 519,238. UP-KIT COMPANY, San Francisco, Calif. Filed Nov. 13, 1947.

UP-KIT

The word "Kit" is disclaimed apart from the mark.
FOR LADIES' TRAVELLING BAGS.
Claims use since Nov. 20, 1946.

Ser. No. 533,758. MARKAY BAGS, INC., New York, N. Y. Filed Sept. 8, 1947. Under section 2f of the act of 1946.

MB MARKAY Bags INC

The word "Bags" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 411,924.
FOR HANDBAGS.
Claims use since Feb. 9, 1935.

Ser. No. 538,130. HALLCRAFT COMPANY, Scarsdale, N. Y. Filed Oct. 17, 1947.

Ty-To-Ta

No claim is made to the exclusive use of the word or syllable "Ty" apart from the mark.
FOR PORTABLE TRAVEL CASES OR HOLDERS IN THE NATURE OF BAGGAGE, WITH OUTER COVERING OF LEATHER OR LIKE SHEET MATERIAL, AND PROVIDED WITH MEANS ADAPTED TO RECEIVE AND HOLD NECKTIES, CRAVATS, SCARVES, AND LIKE ARTICLES OF APPAREL.
Claims use since July 15, 1947.

Ser. No. 543,091. BUXTON, INCORPORATED, Springfield, Mass. Filed Dec. 3, 1947.

Card-Tainer

The word "Card" is disclaimed apart from the mark.
Applicant claims ownership of registrations Nos. 153,132, 214,165, 214,189, 218,545, and 500,898.
FOR BILLFOLDS COMBINED WITH MULTIPLE PASS CASES, AND MULTIPLE PASS CASES.
Claims use since Nov. 5, 1947.

Ser. No. 544,002. STEIN BROS. MFG. CO., Chicago, Ill. Filed Dec. 10, 1947.



The fictional name "Gulliver" refers to the main character in "Gulliver's Travels" by Jonathan Swift. The picture of the man is fanciful, and the representation of the bandbag is disclaimed apart from the mark.
FOR TWO-SUITERS AND COMPANION BAGS; AND LADIES' LUGGAGE—NAMELY, OVERNIGHT CASES, WARDROBE CASES, PULLMAN CASES, HAT AND SHOE BOXES, AND VANITY OR TRAIN CASES.
Claims use since October 1947.

Ser. No. 545,242. CROUCH & FITZGERALD CORPORATION, New York, N. Y. Filed Dec. 23, 1947.



The letters "N. Y." are disclaimed apart from the mark as shown. Applicant claims ownership of registration No. 254,970.
FOR SUIT CASES, TRAVELING BAGS, PORTFOLIOS, WARDROBES, OVERNIGHT BAGS, AND TRUNKS.
Claims use since 1839.

Ser. No. 547,823. BROSSEAU & COMPANY, INC., New York, N. Y. Filed Jan. 23, 1948. Under section 2f of the act of 1946.

BROSSEAU

FOR HANDBAGS AND POCKETBOOKS.
Claims use since 1931.

Ser. No. 548,045. ABRAHAM BORETZ, doing business as Boretz Manufacturing Company, New York, N. Y. Filed Jan. 27, 1948.

PAK-VUE

FOR TRUNKS, TRAVELING BAGS, POCKETBOOKS, OVERNIGHT BAGS, HAT BOXES OF LEATHER OR THE LIKE USED FOR TRAVELING PURPOSES, VALISES, GLADSTONE BAGS, AND BRIEF CASES.
Claims use since Jan. 23, 1948.

Ser. No. 549,921. GLADSTONE CASE MFG. CO., INC., Chicago, Ill. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

BROWNLEE

Applicant claims ownership of registration No. 413,509.
FOR HAND LUGGAGE: OVERNIGHT CASES, WARDROBE CASES, TRAIN OR MAKE-UP BOXES, HAT AND SHOE BOXES, AND PULLMAN CASES.
Claims use since April 1940.

Ser. No. 549,922. GLADSTONE CASE MFG. CO., INC., Chicago, Ill. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

SAVOIA

Applicant claims ownership of registration No. 413,510.
FOR HAND LUGGAGE: OVERNIGHT CASES, WARDROBE CASES, TRAIN OR MAKE-UP BOXES, HAT AND SHOE BOXES, AND PULLMAN CASES.
Claims use since April 1940.

Ser. No. 549,932. INDESTRUCTO TRUNK & LUGGAGE CO., Mishawaka, Ind. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

INDESTRUCTO

Applicant claims ownership of registration No. 126,323.
FOR TRUNKS—WARDROBE, TAXI, STEAMER, AND DRESS; HAND LUGGAGE—OVERNIGHTS, PULLMANS, HAT AND SHOE CASES, TRAY CASES, WARDROBES, AND OVERSEAS CASES.
Claims use since 1906 on trunks; since 1929 on hand luggage; and since August 1947 on overseas cases.

Ser. No. 549,940. NATIONAL BRIEF CASE MFG. CO., INC., Chicago, Ill. Filed Feb. 17, 1948.

KARYALL

Applicant claims ownership of registration No. 277,786.
FOR LEATHER TRAVELING BAGS AND BRIEF CASES.
Claims use since June 1, 1928.

Ser. No. 549,954. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

FLY WEIGHT

Applicant claims ownership of registration No. 316,903.
FOR TRUNKS—WARDROBE, DRESS, STEAMER, AND TAXI; HAND LUGGAGE—OVERNIGHTS, WARDROBES, PULLMANS, HAT AND SHOE BOXES, TAXI WARDROBES, OVERSEAS, TRAIN AND MAKE-UP BOXES, ZIPPER BAGS, CLUB BAGS, AND CRUSH BAGS.
Claims use since January 1948 on trunks; and since July 1, 1933, on hand luggage.

Ser. No. 549,955. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948.

The Chief

Applicant claims ownership of registration No. 347,830.
FOR TRUNKS—WARDROBE, STEAMER, DRESS, AND TAXI; HAND LUGGAGE—OVERNIGHTS, PULLMANS, WARDROBES, HAT AND SHOE CASES, DUFFLE BAGS, ZIPPER BAGS, LAUNDRY CASES, AND OVERSEAS CASES.
Claims use since Jan. 26, 1937, on trunks and hand luggage (except overseas cases); and since August 1947 on overseas cases.

Ser. No. 549,958. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

MINNETONKA

Applicant claims ownership of registration No. 414,266.
FOR TRUNKS—WARDROBE, TAXI, STEAMER, AND DRESS; HAND LUGGAGE—OVERNIGHTS, PULLMANS, HAT AND SHOE CASES, TRAY CASES, WARDROBES, AND OVERSEAS CASES.
Claims use since October 1939 on trunks and hand luggage; and since August 1947 on overseas cases.

Ser. No. 549,959. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948. Under section 2f of the act of 1946.

WINNEBAGO

Applicant claims ownership of registration No. 414,267.
FOR TRUNKS—WARDROBE, TAXI, STEAMER, AND DRESS; HAND LUGGAGE—OVERNIGHTS, PULLMANS, HAT AND SHOE CASES, TRAY CASES, WARDROBES, AND OVERSEAS CASES.
Claims use since October 1939 on trunks and hand luggage; and since August 1947 on overseas cases.

Ser. No. 549,960. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948.

Black Hawk

FOR TRUNKS—WARDROBE, TAXI, STEAMER, AND DRESS; HAND LUGGAGE—OVERNIGHTS, PULLMANS, HAT AND SHOE CASES, TRAY CASES, WARDROBES, AND OVERSEAS CASES.
Claims use since December 1946 on trunks and hand luggage; and since August 1947 on overseas cases.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 511,799. DETERGENTS, INC., Columbus, Ohio. Filed Feb. 20, 1948.

all

FOR DETERGENTS FOR USE AS A LAUNDRY POWDER.
Claims use since Sept. 30, 1946.

Ser. No. 526,677. BABSON BROS. CO., Chicago, Ill. Filed July 5, 1947.

Surge

Applicant claims ownership of registrations Nos. 201,871, 387,233, 387,726, 388,024, 389,572, 390,651, 393,323, 409,666, and 411,716.
FOR DETERGENT WASHING POWDER WITH A WETTING AGENT ADDED, IN TABLET AND POWDER FORM, PARTICULARLY FOR CLEANING DAIRY UTENSILS.
Claims use since June 20, 1947.

Ser. No. 552,297. THE M. WERK COMPANY, St. Bernard, Ohio. Filed Mar. 18, 1948.

WERK'S HYTEXAL

The color lining appearing on the drawing is for shading purposes only. The word "Werk's" is disclaimed apart from the mark. Applicant claims ownership of registration No. 318,098.
FOR CLEANING COMPOUNDS FOR GENERAL LAUNDRY PURPOSES.
Claims use since Feb. 20, 1928.

Ser. No. 552,298. THE M. WERK COMPANY, St. Bernard, Ohio. Filed Mar. 18, 1948.

WERK'S LT 60

The color lining appearing on the drawing is for shading purposes only. The word "Werk's" is disclaimed apart from the mark. Applicant claims ownership of registration No. 320,415.
FOR CLEANING COMPOUNDS FOR GENERAL LAUNDRY, TEXTILE, AND SIMILAR INDUSTRIAL USES.
Claims use since July 19, 1934.

Ser. No. 559,182. RONUK, LIMITED, Portslade, England. Filed June 14, 1948.

PANDA

Applicant claims ownership of Great Britain registration No. 611,425, dated Apr. 12, 1940.
FOR STEELWOOL AND STEEL SHAVINGS FOR CLEANING PURPOSES.

Ser. No. 559,447. HILLYARD CHEMICAL COMPANY, St. Joseph, Mo. Filed May 5, 1948. Under section 2f of the act of 1946.

BRITEN-ZIT

Applicant claims ownership of registration No. 250,718.
FOR LIQUID CLEANER FOR FLOORS AND WOODWORK.
Claims use since Oct. 17, 1927.

CLASS 5

ADHESIVES

Ser. No. 514,940. CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Sept. 15, 1947.

FOR CHEMICAL PRODUCTS DERIVED FROM CORN—NAMELY, MODIFIED WHOLE PROTEIN FROM CORN GLUTEN AND ZEIN—FOR ADHESIVE PURPOSES.
Claims use since May 30, 1944, on whole corn gluten; and since Sept. 6, 1946, on extract from corn gluten.

Ser. No. 534,529. THE GUMMED PRODUCTS COMPANY, Troy, Ohio. Filed Sept. 15, 1947.

GP

FOR FIBROUS SHEET AND WEB MATERIAL BACKED WITH ADHESIVE—NAMELY, GUMMED TAPE, CLOTH TAPE, SISAL TAPE, LINER BOARD TAPE, KRAFT TAPE, PAPER TAPE, BOX TAPE, LOCKER TAPE, CORD REINFORCED TAPE, WATERPROOFED GUMMED TAPE, VENEER TAPE, DUPLEX TAPE, FLAT GUMMED SHEETS AND TAPE, COATED AND LAMINATED SHEETS OF PAPER, CLOTH AND OTHER LAMINAE.
Claims use since July 7, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 510,824. CARL J. BARTON, doing business as Barton Products Co., Chicago, Ill. Filed Mar. 9, 1948. Under section 2f of the act of 1946.

Barton

FOR VARIOUS COMPOSITIONS CONTAINING CHEMICAL INGREDIENTS FOR SEALING ENGINE BLOCKS; SEALING LEAKS IN AUTOMOBILE RADIATORS; CLEANING AUTOMOBILE RADIATORS; RESTORING LOST POWER IN AUTOMOBILE ENGINES BY DISSOLVING GUM AND SLUDGE, FREEING STICKY VALVES AND PREVENTING CARBON FROM FORMING IN THE CYLINDERS; ELIMINATING AND PREVENTING RUST IN THE COOLING SYSTEM OF AN AUTOMOBILE; SEALING AUTOMOBILE IGNITION WIRES TO PREVENT ABSORPTION OF MOISTURE AND WATER; A CONDITIONER FOR GASOLINE AND FUEL OIL, I. E. ABSORBS MOISTURE, REDUCES CARBON FORMATION, PREVENTS CLOGGING OF BURNER; BRAKE FLUID.
Claims use since Oct. 5, 1935.

Ser. No. 513,286. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio. Filed Nov. 28, 1947.

SOFTRESS

FOR SOAPLESS SHAMPOO.
Claims use since Oct. 28, 1946.

Ser. No. 519,816. JULIUS GOLDNER, doing business as Regal Chemical Co., Brooklyn, N. Y. Filed Nov. 4, 1947.

Regal

FOR HYDRAULIC BRAKE FLUID.
Claims use since 1939.

Ser. No. 520,500. ESTON CHEMICALS, INC., Los Angeles, Calif. Filed July 5, 1947.

BROMOFUME

FOR SOIL AND GRAIN FUMIGANTS.
Claims use since Mar. 11, 1943.

Ser. No. 520,761. MORTON MANUFACTURING CORPORATION, doing business as Snow White Products Company, Lynchburg, Va. Filed Dec. 18, 1947.

Snow White

Applicant claims ownership of registrations Nos. 301,546, and 420,852.
FOR LEMON CREAM FOR USE AS A COSMETIC SKIN CREAM.
Claims use since Nov. 11, 1946.

Ser. No. 524,818. ANATOLE ROBBINS, INC., Los Angeles, Calif. Filed Mar. 8, 1948.

Pin-up

FOR LIQUID MAKE-UP PREPARATION, ALSO USED AS A POWDER BASE.
Claims use since Dec. 1, 1943.

Ser. No. 527,935. NATIONAL ALUMINATE CORPORATION, Chicago, Ill. Filed July 5, 1947.

NALCITE

FOR ION EXCHANGE COMPOSITIONS USED IN THE SOFTENING AND PURIFYING OF WATER AND IN THE PURIFYING OF LIQUID MEDIUMS, OTHER THAN WATER.
Claims use since Feb. 18, 1938.

Ser. No. 528,908. W. H. BULL MEDICINE COMPANY, St. Louis, Mo. Filed July 19, 1947.

BULCO

FOR INSECTICIDES—TO WIT, INSECT SPRAY, INSECTICIDAL CONCENTRATES, AND INSECT POWDER.
Claims use since Aug. 31, 1938.

Ser. No. 529,136. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y. Filed July 22, 1947.

'CARMACIN'

FOR MEDICINAL PREPARATION CONTAINING ANTACIDS, USED IN THE TREATMENT OF GASTRIC HYPERACIDITY.
Claims use since June 1933.

Ser. No. 529,138. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y. Filed July 22, 1947.

'DIGINUTIN'

FOR PRODUCT CONTAINING THE ACTIVE PRINCIPALS OF DIGITALIS FREED FROM INERT MATERIAL, FOR ADMINISTRATION BY MOUTH IN THE TREATMENT OF VARIOUS CARDIAC CONDITIONS.
Claims use since June 1930.

Ser. No. 532,914. DAVIDSON MANUFACTURING CORPORATION, Chicago, Ill. Filed Aug. 30, 1947. Under section 2f of the act of 1946.

Davidson

FOR GUM ARABIC SOLUTION USED TO PROTECT LITHOGRAPHIC PLATES WHEN NOT IN USE, COUNTER-ETCH USED IN REMOVING OXIDES AND FOREIGN MATTER FROM THE GRAINED SURFACES OF LITHOGRAPHIC PLATES, SOLUTION USED FOR MAKING A LITHOGRAPHIC PLATE PHOTOSENSITIVE, SOLUTION USED TO CLEAN BLANKETS AND ROLLERS USED IN PRINTING MACHINES, PREPARATION USED TO PRESERVE LITHOGRAPHIC PLATES WHEN THEY ARE TO BE STORED FOR LONG PERIODS OF TIME, FOUNTAIN ETCHES EMPLOYED IN THE LITHOGRAPHIC PROCESS, AND POWDER USED IN THE PRINTING INDUSTRY TO PRESERVE BLANKETS AND TO ABSORB GREASES AND OILS WHICH MAY HAVE PENETRATED INTO THE BLANKETS.
Claims use since Nov. 20, 1940.

Ser. No. 533,409. SERVICE INDUSTRIES, Philadelphia, Pa. Filed Sept. 4, 1947.

SLUG

FOR CHEMICAL COMPOUND FOR USE AS A DRAIN CLEANER.
Claims use since July 21, 1947.

Ser. No. 534,190. JOHN E. RESPONDEK, doing business as Noxruma Products Co., Detroit, Mich. Filed Sept. 11, 1947. Under section 2f of the act of 1946.

"INDIA"

The drawing is lined to indicate shading. Applicant claims ownership of registration No. 412,869.
FOR HERB TEA TO BE USED AS A LAXATIVE.
Claims use since Nov. 11, 1938.

Ser. No. 536,313. TENNESSEE COPPER COMPANY, Copperhill, Tenn. Filed Sept. 30, 1947. Under section 2f of the act of 1946.

"TRI-BASIC"

Applicant claims ownership of registration No. 414,085.
FOR COPPER FUNGICIDES.
Claims use since Aug. 20, 1937.

Ser. No. 537,026. ELMO, INC., Philadelphia, Pa. Filed Oct. 7, 1947.

FOUNDATION MIST

No claim is made to the word "Foundation" apart from the mark. Applicant claims ownership of registrations Nos. 198,810, 378,524, and 362,283.
FOR FACIAL CREAMS.
Claims use since Apr. 12, 1938.

Ser. No. 537,027. ELMO, INC., Philadelphia, Pa. Filed Oct. 7, 1947.

MARGO MASQUE

No claim is made to the word "Masque" apart from the mark. Applicant claims ownership of registration No. 143,326.
FOR FACE PACKS.
Claims use since December 1927.

Ser. No. 537,059. HELEN MCHENRY, Toledo, Ohio. Filed Oct. 7, 1947.

Mountain Maid

FOR TOILET CREAMS, HAIR OIL, AND DEODORANT.
Claims use since May 12, 1947.

Ser. No. 537,263. ANDREW WILSON, INC., Springfield, N. J. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

SLUG-O

FOR PREPARATION FOR KILLING SLUGS, SNAILS, AND OTHER PESTS.
Claims use since Dec. 31, 1940.

Ser. No. 537,266. ANDREW WILSON, INC., Springfield, N. J. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

CHINCH-O

Applicant claims ownership of registration No. 384,037.
FOR INSECTICIDES.
Claims use since June 1933.

Ser. No. 538,172. PLOUGH, INC., Memphis, Tenn. Filed Oct. 17, 1947. Under section 2f of the act of 1946.

MEXICAN
Wm L. Dewoody

The signature is that of Wm. L. Dewoody, deceased. Applicant claims ownership of registration No. 182,511.
FOR POWDER FOR PRICKLY HEAT, NETTLE RASH, AND CHAFED SKIN; FOR EXTERNAL USE ONLY.
Claims use since January 1894.

Ser. No. 538,596. SAMUEL BONAT & BRO., INC., New York, N. Y. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

Bonat

Applicant claims ownership of registrations Nos. 298,298, 402,853, and 415,146.
FOR HAIR SHAMPOOS, HAIR WAVING SOLUTIONS, HAIR RINSES, HAIR TONICS, AND HAIR DRESSING.
Claims use since 1912.

Ser. No. 545,806. ROBERT E. WILSON, doing business under the name Duncan-Wilson, Princeton, N. J. Filed Dec. 30, 1947.

nitecap

FOR PREPARATION TO ALLEVIATE UNPLEASANT AFTER-EFFECTS FROM OVERINDULGENCE.
Claims use since Nov. 21, 1947.

Ser. No. 547,415. AMES COMPANY, INC., Elkhart, Ind. Filed Jan. 19, 1948.

DiSulfa-VESS

No claim is made to the word "Disulfa" apart from the mark. Applicant claims ownership of registrations Nos. 384,081 and 413,585.
FOR SULFATHIAZOLE-SULFADIAZINE BUFFERED WITH SODIUM CITRATE.
Claims use since Dec. 22, 1947.

Ser. No. 547,479. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Jan. 19, 1948.

SULFAPROMIN

FOR CHEMOTHERAPEUTIC AGENT FOR USE IN THE TREATMENT OF MYCO-BACTERIAL DISEASES.
Claims use since Dec. 9, 1947.

Ser. No. 547,647. R. J. MORAN CO., Boston, Mass. Filed Jan. 21, 1948.

PEROPHYL

FOR ANTISEPTIC CREAM OINTMENT FOR HEALING.
Claims use since September 1947.

Ser. No. 547,753. R. J. MORAN CO., Boston, Mass. Filed Jan. 22, 1948.

PAPRANIN

FOR MEDICINAL PREPARATION—NAMELY, A LIQUID DIGESTANT TO AID DIGESTION.
Claims use since June 1936.

Ser. No. 547,895. CHURCH & DWIGHT CO. INC., New York, N. Y. Filed Jan. 24, 1948.

ARM & HAMMER BRAND

No claim is made to the word "Brand" apart from the mark. Applicant claims ownership of registration No. 106,215.
FOR BICARBONATE OF SODA (BAKING SODA).
Claims use since 1874.

Ser. No. 548,763. LOUIS W. SCHATZ, doing business as General Plastics Manufacturing Company, Tacoma, Wash. Filed Feb. 4, 1948.

DURA-NETT

No claim is made to the syllable "nett" apart from the entire mark as shown.
FOR PRESERVATIVE TREATING CHEMICALS FOR FISHNETS.
Claims use since May 15, 1946.

Ser. No. 548,818. RICHARD HUDNUT, New York, N. Y. Filed Feb. 5, 1948.

SOPHISTI-CREME

The word "Creme" is disclaimed apart from the mark as shown.
FOR CAKE MAKEUP.
Claims use since Oct. 20, 1947.

Ser. No. 549,009. RUDOLPH L. SCHWARTZ, doing business as Watertecter Company, Buffalo, N. Y. Filed Feb. 6, 1948.

WATERTECTER

FOR COMPOSITION OF MATTER INCLUDING AN INGREDIENT WHICH CHANGES COLOR UPON CONTACT WITH WATER, AND WHICH IS USEFUL TO DETERMINE THE PRESENCE OF WATER COLLECTING IN A TANK OR OTHER CONTAINER FOR GASOLINE AND OTHER MINERAL OIL PRODUCTS.
Claims use since Nov. 17, 1938.

Ser. No. 550,067. PENOLA INC., Chicago, Ill. Filed Feb. 18, 1948.

ε

FOR INSECTICIDES.
Claims use since May 26, 1947.

Ser. No. 550,086. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Feb. 18, 1948.

Maid of Honor

FOR INSECTICIDES AND MOTH PREVENTIVES.
Claims use since Jan. 15, 1946.

Ser. No. 550,920. THE GROVE LABORATORIES, INC., Wilmington, Del., and St. Louis, Mo. Filed Mar. 1, 1948.

GCT

FOR TABLETS FOR THE RELIEF OF COLDS.
Claims use since Feb. 20, 1948.

Ser. No. 551,573. MORTON MANUFACTURING CORPORATION, doing business as Chap Stick Co., Lynchburg, Va. Filed Mar. 9, 1948.

Chap-ans

The word "Chap" is disclaimed apart from the mark. Applicant claims ownership of registrations Nos. 86,819, 375,567, 273,217, 253,632, and 405,187.
FOR HAND AND SKIN BALM.
Claims use since Feb. 25, 1948.

Ser. No. 552,742. BURROUGHS WELLCOME & CO., U. S. A. INC., New York, N. Y. Filed Mar. 23, 1948.

'ALUPHEL'

FOR ANTACID PREPARATION.
Claims use since Mar. 5, 1948.

Ser. No. 553,438. WALLACE & TIERNAN PRODUCTS, INC., Belleville, N. J. Filed Mar. 30, 1948.

GLAMYLOL

FOR ANTISEPTICS CONTAINING AS AN ACTIVE INGREDIENT A QUATERNARY AMMONIUM COMPOUND.
Claims use since Feb. 27, 1948.

Ser. No. 553,735. PARFUMS WIEL PARIS CO., New York, N. Y. Filed Apr. 2, 1948.

Evettes

FOR PERFUMES, COLOGNES, AND TOILET WATERS.
Claims use since Mar. 18, 1948.

Ser. No. 558,064. PHYSICIANS' DRUG & SUPPLY CO., Philadelphia, Pa. Filed May 28, 1948.

ME FUR ONE

FOR DRUG TO BE USED IN THE TREATMENT OF CARDIAC CONDITIONS AND ASTHMA.
Claims use since May 6, 1948.

Ser. No. 558,065. PHYSICIANS' DRUG & SUPPLY CO., Philadelphia, Pa. Filed May 28, 1948.

THIMECIL

FOR DRUG TO BE USED IN THE TREATMENT OF THYROID DISEASES.
Claims use since May 6, 1948.

Ser. No. 558,265. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed June 2, 1948.

DARVISUL

FOR SULFONAMIDE PREPARATION.
Claims use since May 17, 1948.

Ser. No. 558,266. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed June 2, 1948.

MEGASUL

FOR SULFONAMIDE PREPARATION FOR VETERINARY USE.
Claims use since May 17, 1948.

CLASS 7

CORDAGE

Ser. No. 527,140. SAUERMAN BROS., INC., Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

SPECIAL EXCAVATOR

Applicant claims ownership of registration No. 191,911.
FOR WIRE CABLE FOR USE IN CONNECTION WITH EXCAVATING MACHINERY, SLACKLINE CABLEWAY, POWER DRAG SCRAPERS, AND THE LIKE.
Claims use since February 1921.

Ser. No. 532,933. THE HOOVEN & ALLISON COMPANY, Xenia, Ohio. Filed Aug. 30, 1947.

H&A Cordage

The word "Cordage" and the representation of the cord are disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 354,632 and 358,393.

FOR ROPE; BINDER TWINE; JUTE, HEMP, OAKUM AND SISAL TWINES; TARRED TWINES; CLOTHES LINES; AND TWINE AND ROPE TO BE USED FOR PACKINGS.

Claims use since 1922.

Ser. No. 534,037. THE LINEN THREAD CO., INC., New York, N. Y. Filed Sept. 10, 1947.

DUNBARTON

FOR TWINE.

Claims use since 1937.

Ser. No. 544,191. PLYMOUTH CORDAGE COMPANY, Plymouth and North Plymouth, Mass. Filed Dec. 12, 1947. Under section 2f of the act of 1946.

STRONG-TIE

Applicant claims ownership of registration No. 198,391.

FOR FIBROUS AND TEXTILE CABLES, ROPES, AND TWINES.

Claims use since July 21, 1922.

Ser. No. 550,814. MACWHYTE COMPANY, Kenosha, Wis. Filed Feb. 28, 1948.

HI-LASTIC

FOR WIRE ROPE.

Claims use since Mar. 1, 1935.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 540,175. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Nov. 5, 1947. Under section 2f of the act of 1946.

Silk Gauze

FOR TYPEWRITER RIBBONS AND CARBON PAPER.

Claims use since January 1906.

Ser. No. 547,874. ROYAL TYPEWRITER COMPANY, INC., New York, N. Y. Filed Jan. 23, 1948.

Park Lane

Applicant claims ownership of registration No. 392,421.

FOR CARBON PAPER.

Claims use since Nov. 28, 1947.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 539,996. TRUSCON STEEL COMPANY, Youngstown, Ohio. Filed Nov. 3, 1947.

TRUSGUARD

FOR HIGHWAY ROAD GUARDS AND PARTS THEREOF.

Claims use since Oct. 16, 1947.

Ser. No. 546,717. GEO. S. MEPHAM CORPORATION, East St. Louis, Ill., assignor to C. K. Williams & Co., East St. Louis, Ill., a corporation of Delaware. Filed Jan. 10, 1948.

STAR

FOR COLORS FOR MASONRY MATERIALS INCLUDING MORTAR, CEMENT, PLASTER, AND STUCCO.

Claims use since Apr. 2, 1922.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 526,676. CONRAD J. PATT, Chicago, Ill. Filed July 5, 1947.

HANGMASTER

FOR BRACKET TYPE SUPPORTS FOR CLOTHES HANGERS.

Claims use since Apr. 2, 1947.

Ser. No. 527,255. RICHARDS-WILCOX MANUFACTURING COMPANY, Aurora, Ill. Filed July 5, 1947.

DOR-WAY

FOR HARDWARE FOR GARAGE DOORS OF THE VERTICAL TURN-OVER TYPE—NAMELY, HORIZONTAL METAL TRACKS, METAL ROLLERS, PIVOTED GUIDE ARMS, AND UPPER AND LOWER WEATHER STRIPS.

Claims use since December 1939.

Ser. No. 527,937. RICHARDS-WILCOX MANUFACTURING COMPANY, Aurora, Ill. Filed July 5, 1947.

EARWAY

FOR METALLIC SLIDING DOOR TRACK.

Claims use since June 1928.

Ser. No. 528,573. EDWARD E. JOHNSON, INC., St. Paul, Minn. Filed July 14, 1947. Under section 2f of the act of 1946.

JOHNSON

FOR WELL SCREENS USED IN CONJUNCTION WITH DEEP WELLS FOR PUMPING LIQUIDS SUCH AS WATER AND OIL.

Claims use since December 1908.

Ser. No. 532,035. KOKOMO SANITARY POTTERY CORPORATION, Kokomo, Ind., and Chicago, Ill. Filed Aug. 21, 1947.



"Paul Revere" refers to the historical character in Revolutionary history, now deceased.

FOR VITREOUS CHINA WATER CLOSETS, TANKS, AND BOWLS.

Claims use since 1932.

Ser. No. 532,036. KOKOMO SANITARY POTTERY CORPORATION, Kokomo, Ind., and Chicago, Ill. Filed Aug. 21, 1947.



FOR VITREOUS CHINA WATER CLOSETS, TANKS, AND BOWLS.

Claims use since 1932.

Ser. No. 533,868. THE FAIRBANKS COMPANY, New York, N. Y. Filed Sept. 9, 1947.

SPHERO

Applicant claims ownership of registration No. 77,630.

FOR STEAM AND WATER VALVES.

Claims use since Oct. 1, 1909.

Ser. No. 533,870. THE FAIRBANKS COMPANY, New York, N. Y. Filed Sept. 9, 1947.

FAIRCOSEAL

Applicant claims ownership of registration No. 401,038.

FOR PLUMBING AND STEAM-FITTING VALVES.

Claims use since Sept. 3, 1942.

CLASS 15

OILS AND GREASES

Ser. No. 536,280. PENNSYLVANIA REFINING COMPANY, Butler, Pa. Filed Sept. 30, 1947.

CRUISER

FOR MOTOR LUBRICATING OILS.
Claims use since January 1933.

Ser. No. 558,864. THE CLEVELAND DENTAL MANUFACTURING COMPANY, Cleveland, Ohio. Filed June 10, 1948.

Solubri

Applicant claims ownership of registration No. 191,635.
FOR DENTAL HANDPIECE LUBRICATING OIL.
Claims use since Feb. 9, 1929.

Ser. No. 563,751. THE PURE OIL COMPANY, Chicago, Ill. Filed Aug. 19, 1948.

AIRLIGHT

FOR STOVE AND LAMP NAPHTHAS AND GASOLINE.
Claims use since 1917.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 496,454. MINWAX COMPANY, INC., New York, N. Y. Filed July 26, 1947. Under section 2f of the act of 1946.

DRI-GLOSS

FOR WAX FINISH FOR TILE, MARBLE, TERRAZZO, AND FLOOR SURFACES.
Claims use since February 1937.

Ser. No. 508,048. LACQUER & CHEMICAL CORPORATION, Brooklyn, N. Y. Filed Apr. 12, 1948. Under section 2f of the act of 1946.

ALAKA

Applicant claims ownership of registration No. 212,432.
FOR VARNISH AND PYROXYLIN LACQUERS, PAINT ENAMELS, PAINT AND VARNISH THINNING LIQUIDS, PAINT AND VARNISH SOLVENTS, READY-MIXED PAINTS, ASPHALT PAINTS, PAINT PRIMERS, PASTE PAINTS, AND RUBBER BASED PAINTS.
Claims use since Jan. 1, 1923.

Ser. No. 517,060. INDUSTRIAL METAL PROTECTIVES, INC., Wilmington, Del., and Dayton, Ohio. Filed Aug. 8, 1947.



FOR METAL DUST-CONTAINING COMPOSITIONS IN THE NATURE OF A PAINT FOR COATING METALS—NAMELY, RESIN-METAL DUST COATING COMPOSITIONS AND ALKALI SILICATE-METAL DUST COATING COMPOSITIONS AND INGREDIENTS THEREFOR.
Claims use since Jan. 18, 1947.

Ser. No. 517,281. THE O'BRIEN CORPORATION, South Bend, Ind., by change of name from O'Brien Varnish Corporation. Filed Oct. 4, 1947.



Applicant claims ownership of registration No. 153,812.
FOR PAINT ENAMELS; PAINT ENAMEL UNDERCOATS; READY MIXED INTERIOR PAINTS; READY MIXED EXTERIOR PAINTS; PAINT OILS; LIQUID PAINT AND VARNISH REMOVER; VARNISHES; LIQUID FINISHES FOR WOOD FLOORS IN THE NATURE OF PAINTS, ENAMELS, VARNISHES AND LACQUERS; LIQUID FILLERS AND SURFACERS FOR WOOD FLOORS—NAMELY, VARNISHES, FILLERS, OIL STAINS, SYNTHETIC CLEAR COATINGS AND PIGMENTED FLOOR ENAMELS; WOOD STAINS; OIL PAINTS; VARNISH STAINS; SIGN PAINTER PAINTS; ASPHALTUM PAINT; BRONZING LIQUID; PAINT DRYERS; LACQUERS; PAINT PRIMERS; AND GLAZING LIQUIDS.
Claims use since 1910.

Ser. No. 518,446. THE LOWE BROTHERS COMPANY, Dayton, Ohio. Filed Oct. 29, 1947.

PLAX

FOR PAINT ENAMELS AND VARNISHES.
Claims use since Sept. 6, 1938.

Ser. No. 526,602. THE A. BURDSAL COMPANY, Indianapolis, Ind. Filed July 5, 1947. Under section 2f of the act of 1946.

Encaustic

Applicant claims ownership of registration No. 72,852.
FOR FLOOR ENAMEL AND PORCH PAINT.
Claims use since Dec. 23, 1936.

Ser. No. 526,704. NATIONAL CHEMICAL & MANUFACTURING COMPANY, Chicago, Ill. Filed July 5, 1947.

Ultra LUMINALL

Applicant claims ownership of registration No. 304,519.
FOR PASTE PAINTS.
Claims use since 1939.

Ser. No. 529,679. NATIONAL GYPSUM COMPANY, Buffalo, N. Y. Filed July 26, 1947.

KALSI-KOTER

Applicant disclaims the term "Koter" apart from the mark.
FOR FLAT OIL PAINT EITHER IN PASTE OR LIQUID FORM.
Claims use since July 2, 1942.

Ser. No. 531,382. JAMES B. SIPE AND COMPANY, Pittsburgh, Pa. Filed Aug. 14, 1947. Under section 2f of the act of 1946.

FIRSEAL

FOR VARNISH AND CLEAR VARNISH SEALER.
Claims use since Nov. 6, 1939.

Ser. No. 531,383. JAMES B. SIPE AND COMPANY, Pittsburgh, Pa. Filed Aug. 14, 1947. Under section 2f of the act of 1946.

KILRUST

FOR MIXTURE OF PAINT OILS FOR INHIBITING OXIDATION OF METALS.
Claims use since June 1, 1935.

Ser. No. 531,780. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Aug. 19, 1947. Under section 2f of the act of 1946.

DIVERSEY

Applicant claims ownership of registrations Nos. 388,267, 394,386 and 393,502.
FOR WOOD FLOOR SEAL AND FINISH IN THE NATURE OF A VARNISH, WOOD FLOOR SEAL, WATER EMULSION FLOOR WAX, AND CHEMICAL PREPARATION IN POWDERED FORM FOR REMOVING PAINT AND FINISHES.
Claims use since July 19, 1944, on wood floor seal and finish; since July 11, 1944, on wood floor seal and water emulsion floor wax; and since Jan. 10, 1927, on paint and paint finish remover.

Ser. No. 531,827. PATEK BROTHERS, INC., Milwaukee, Wis. Filed Aug. 19, 1947.

ASDURA

Applicant claims ownership of registration No. 336,389.
FOR PAINT SOLD IN LIQUID FORM.
Claims use since Oct. 7, 1935.

Ser. No. 531,828. PATEK BROTHERS, INC., Milwaukee, Wis. Filed Aug. 19, 1947.

P.D.Q.

Applicant claims ownership of registration No. 252,346.
FOR PAINT ENAMEL.
Claims use since Sept. 13, 1928.

Ser. No. 532,867. PATEK BROTHERS, INC., Milwaukee, Wis. Filed Aug. 29, 1947.

FLOSSCOTE

FOR PAINT SOLD IN PASTE FORM.
Claims use since Jan. 15, 1937.

Ser. No. 534,243. CLOVER LEAF PAINT & VARNISH CORPORATION, Long Island City, N. Y. Filed Sept. 12, 1947.

Clover Leaf

Applicant claims ownership of registration No. 399,217.
FOR VARNISHES, JAPANS, READY-MIXED PAINTS, PAINT ENAMELS, BRONZING LIQUIDS, OIL STAINS, VARNISH STAINS AND WOOD PENETRATING STAINS, LIQUID AND PASTE DRYERS FOR PAINT AND VARNISH, LIQUID AND PASTE FILLERS FOR WOOD, COLORS IN OIL LACQUERS, PREPARED SHELLAC, SHELLAC SUBSTITUTES, AND OIL FINISH VARNISH.
Claims use since Feb. 7, 1891.

Ser. No. 535,295. THE BISSELL VARNISH COMPANY, Bridgeport, Conn. Filed Sept. 23, 1947.



Applicant claims ownership of registrations Nos. 47,915 and 28,385.
FOR VARNISHES.
Claims use since 1870.

Ser. No. 536,432. PATEK BROTHERS, INC., Milwaukee, Wis. Filed Oct. 1, 1947.

FARMCOTE

FOR PAINT SOLD IN PASTE FORM.
Claims use since August 1938.

Ser. No. 538,157. J. W. MOYER, doing business as J. W. Moyer & Sons, Lincoln, Nebr. Filed Oct. 17, 1947.

Gingham Girl

FOR SELF-POLISHING WAX FOR FLOORS AND LINOLEUM AND FOR FURNITURE POLISH HAVING INCIDENTAL CLEANING PROPERTIES.
Claims use since September 1941 on floor and linoleum wax; and since February 1946 on furniture polish.

Ser. No. 538,362. CHICAGO PAINTS, INC., Chicago, Ill. Filed Oct. 20, 1947.

COLLURE

FOR PAINT ENAMEL.
Claims use since May 20, 1947.

Ser. No. 539,069. M. J. MERKIN PAINT CO., INC., New York, N. Y. Filed Oct. 25, 1947.

Mercolite

Applicant claims ownership of registration No. 195,069.
FOR WHITE PAINT ENAMEL FOR EXTERIOR OR INTERIOR USE.
Claims use since 1922.

Ser. No. 539,276. CONTINENTAL PAINT & VARNISH CO., Chicago, Ill. Filed Oct. 28, 1947.

BLUE BELL

Applicant disclaims the word "Blue" apart from the mark.
FOR PAINT IN PASTE AND LIQUID FORM.
Claims use since 1922.

Ser. No. 540,369. BLUE RIBBON PAINT COMPANY, Wheeling, W. Va. Filed Nov. 7, 1947.

Bee-Ar

FOR VARNISHES.
Claims use since Feb. 1, 1940.

Ser. No. 540,624. ARMSTRONG PAINT & VARNISH WORKS, Chicago, Ill. Filed Nov. 10, 1947.

ARMOLITH

FOR PASTE PAINT.
Claims use since 1923.

CLASS 19

VEHICLES

Ser. No. 545,202. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Dec. 22, 1947. Under section 2f of the act of 1946.

PRAMETTE

Applicant claims ownership of registration No. 375,960.
FOR BABY COACHES.
Claims use since July 5, 1932.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 490,107. DORMEYER CORPORATION, Chicago, Ill. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

Dormeyer

Applicant claims ownership of registration No. 265,585.
FOR ELECTRIC FOOD MIXERS, JUICERS, AND CHOPPERS.
Claims use since 1929.

Ser. No. 510,900. SOLAR MANUFACTURING CORPORATION, New York, N. Y. Filed Mar. 19, 1948. Under section 2f of the act of 1946.

SEALDTITE

FOR PAPER TUBULAR CAPACITORS.
Claims use since June 1934.

Ser. No. 512,843. THE LONDON GRAMOPHONE CORPORATION, New York, N. Y. Filed Mar. 24, 1948.

LONDON

FOR ELECTRIC PHONOGRAPHS.
Claims use since Oct. 25, 1946.

Ser. No. 512,844. THE LONDON GRAMOPHONE CORPORATION, New York, N. Y. Filed Apr. 10, 1948.



FOR ELECTRIC PHONOGRAPHS.
Claims use since Oct. 25, 1946.

Ser. No. 513,646. ALLIED RADIO CORPORATION, Chicago, Ill. Filed Aug. 5, 1947.

Knight

FOR RADIO RECEIVERS OF CONSOLE, TABLE AND PORTABLE TYPES, PHONO-RADIO COMBINATIONS, RADIO KITS COMPRISING DISASSEMBLED RADIO RECEIVING SETS, ELECTRIC PUBLIC ADDRESS AND SOUND SYSTEMS, AMPLIFIERS, SPEAKERS, WIND-DRIVEN GENERATORS, RESISTORS, TRANSFORMERS, CHOKE COILS, CONDENSERS, AND RECEIVING ANTENNA UNITS.
Claims use since September 1928.

Ser. No. 517,633. GILFILLAN BROS. INCORPORATED, Los Angeles, Calif. Filed Sept. 6, 1947. Under section 2f of the act of 1946.

Gilfillan

FOR RADIO AND TELEVISION RECEIVERS.
Claims use since Apr. 15, 1923.

Ser. No. 520,053. THE OHIO BRASS COMPANY, Mansfield, Ohio. Filed July 9, 1947.



FOR SINGLE POLE SWITCH CIRCUIT BREAKERS AND DOUBLE POLE JUNCTION BOXES AND SAFETY FEEDER SWITCHES, FOR OPENING AND CLOSING ELECTRIC CIRCUITS, MOTOR CONTROLLERS FOR STARTING, STOPPING AND REVERSING ELECTRIC MOTORS, AND DISTRIBUTION BOXES FOR ELECTRIC CIRCUITS.
Claims use since Feb. 1, 1907.

Ser. No. 520,358. SOLAR MANUFACTURING CORPORATION, North Bergen, N. J. Filed Mar. 5, 1948.

SOLITE

FOR ELECTRICAL CAPACITORS.
Claims use since November 1946.

Ser. No. 520,359. SOLAR MANUFACTURING CORPORATION. North Bergen, N. J. Filed Mar. 5, 1948.

SEALDTEMP

FOR ELECTRICAL CAPACITORS.
Claims use since November 1946.

Ser. No. 521,068. GENERAL MOTORS CORPORATION, Detroit, Mich. Filed Jan. 28, 1948. Under section 2f of the act of 1946.

Guide-Ray

FOR ELECTRICAL LAMPS FOR AUTOMOBILES.
Claims use since Mar. 1, 1925.

Ser. No. 527,559. ZEON, Chicago, Ill. Filed July 5, 1947. COLLECTIVE MARK.

ZEON

Applicant claims ownership of registrations Nos. 303,998 and 386,400.

FOR ELECTRIC LIGHTING FIXTURES, ELECTRIC LAMPS, GASEOUS CONDUCTION LAMPS, TUBULAR LAMPS, ELECTRIC SIGNS, AND PARTS THEREOF, AND ASSOCIATED ELECTRICAL EQUIPMENT—NAMELY, ELECTRICAL CONDUCTORS, TRANSFORMERS, SWITCHES, FUSES, INSULATORS, ELECTRODES, CONNECTERS, RECEPTACLES, BUSHINGS, RESISTORS, REACTORS, CONDENSERS, AND CHOKES.

Claims use since Dec. 28, 1932.

Ser. No. 528,325. WESTINGHOUSE ELECTRIC CORPORATION, East Pittsburgh, Pa. Filed July 10, 1947.

FARMSTARTER

FOR MAGNETIC MOTOR CONTROLS FOR STARTING AND STOPPING ELECTRIC MOTORS.

Claims use since Jan. 20, 1947.

Ser. No. 532,752. PENN-PLASTICS CORPORATION, Glenside, Pa. Filed Aug. 28, 1947.

PPC

FOR MOLDED INDUSTRIAL PLASTIC ELECTRIC SWITCH PLATES.

Claims use since July 30, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 514,260. THE FIBRE-METAL PRODUCTS COMPANY, Chester, Pa. Filed July 5, 1947.

WELD-PROBER

The word "Weld" is disclaimed apart from the mark as shown.

FOR MACHINE FOR CUTTING SPECIMENS FROM WELDED JOINTS.

Claims use since Nov. 14, 1939.

Ser. No. 517,824. THE BRADFORD MACHINE TOOL CO., Cincinnati, Ohio. Filed Mar. 20, 1948.

ADMIRAL

FOR BUFFERS, GRINDERS, AND POLISHERS.

Claims use since Apr. 4, 1946.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 535,025. GENERAL ANILINE & FILM CORPORATION, New York, N. Y. Filed Sept. 19, 1947.

CYKORAN

Applicant claims ownership of registrations Nos. 221,160, 221,161, 221,162, 255,860, 370,728, and 370,729.

FOR SENSITIZED PHOTOGRAPHIC PAPER.

Claims use since Aug. 4, 1947.

Ser. No. 537,383. THE WHITE-HAINES OPTICAL COMPANY, Columbus, Ohio. Filed Oct. 9, 1947.



Applicant hereby disclaims use of the phrases "Better Vision" and "Rx Service" as used apart from the mark as shown on the drawing. Applicant claims ownership of registration No. 210,412.

FOR OPHTHALMIC LENSES, FRAMES, MOUNTINGS, SPECTACLES AND EYE GLASSES COMPLETE, AND PARTS THEREOF.

Claims use since June 1, 1925.

Ser. No. 541,786. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill. Filed July 31, 1947.



No claim is made to the words "Mfg. Co." apart from the mark as shown. Applicant claims ownership of registration No. 284,329.

FOR WEIGHING SCALES.

Claims use since Jan. 1, 1930.

Ser. No. 542,622. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn. Filed Nov. 28, 1947.

mH

FOR CONTROL APPARATUS FOR TEMPERATURE AND HUMIDITY REGULATING SYSTEMS.

Claims use since Nov. 22, 1937.

Ser. No. 542,626. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn. Filed Nov. 28, 1947.

VACUUMSTAT

FOR PRESSURE RESPONSIVE CONTROL APPARATUS FOR HEATING OR OTHER AIR CONDITION CHANGING SYSTEMS.

Claims use since Aug. 11, 1933.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 508,710. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed Nov. 19, 1947. Uunder section 2f of the act of 1946.

EXCELLENCY

Applicant claims ownership of registrations Nos. 369,777, 375,847, 431,492, and 431,493.

FOR WATCHES—NAMELY, WRIST AND STRAP WATCHES.

Claims use since Feb. 1, 1938.

Ser. No. 526,178. ZENO TRADING CORPORATION, New York, N. Y. Filed Dec. 31, 1947.

ZENO

FOR WATCHES AND CLOCKS.

Claims use since June 10, 1947.

Ser. No. 531,465. JEAN R. GRAEF, INC., New York, N. Y. Filed Aug. 15, 1947.

SEA HAWK

FOR WATCH MOVEMENTS AND WRIST AND POCKET WATCHES.

Claims use since 1940.

Ser. No. 541,300. JAEGER WATCH COMPANY, INC., New York, N. Y. Filed Nov. 15, 1947. Under section 2f of the act of 1946.



The words "Quality Commands Attention" are disclaimed apart from the mark. Applicant claims ownership of registration No. 264,129.

FOR WATCHES AND CLOCKS.

Claims use since June 13, 1929.

Ser. No. 541,303. JAEGER WATCH COMPANY, INC., New York, N. Y. Filed Nov. 15, 1947. Under section 2f of the act of 1946.

JAEGER

Applicant claims ownership of registrations Nos. 264,129 and 308,027.

FOR WATCHES AND CLOCKS.

Claims use since June 1926.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

528,705. DOLAN & BULLOCK CO., Providence, R. I. Filed July 16, 1947.

TYRITE

FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, COLLAR PINS, COLLAR HOLDERS, COLLAR BUTTONS, BELT CHAINS, BELT BUCKLES, CUFF BUTTONS, SHIRT STUDS, TIE CLASPS, SCARF PINS, KEY CHAINS, TIE CHAINS, AND MONEY CLIPS MADE IN WHOLE OR IN PART OF PRECIOUS METALS.

Claims use since June 1, 1927.

Ser. No. 534,099. J. FIDDELMAN & SON, INC., New York, N. Y. Filed Sept. 11, 1947.

JF

FOR FINGER RINGS.

Claims use since Feb. 1, 1940.

Ser. No. 540,244. W. & S. BLACKINTON CO., INC., Meriden, Conn. Filed Nov. 6, 1947.



FOR HOLLOW WARE INCLUDING TRAYS, DISHES, SALVERS, PLATTERS, GRAVY SETS, CANDLESTICKS, AND VACUUM ICE TUBS, MADE IN WHOLE OF OR IN PART OF PRECIOUS METAL.
Claims use since July 1, 1946.

Ser. No. 541,543. J. H. HOBSON CO., North Attleboro, Mass. Filed Nov. 18, 1947. Under section 2f of the act of 1946.

HOBSON

Applicant claims ownership of registration No. 412,897.
FOR TIE HOLDERS AND RELIGIOUS GOODS—NAMELY, ROSARIES AND CROSSES, MADE WHOLLY OR PARTLY OF PRECIOUS METALS, AND FOR JEWELRY FOR PERSONAL ADORNMENT, NOT INCLUDING WATCHES—NAMELY, LOCKETS, CHAINS TO ENCIRCLE THE NECK, BROOCHES, WATCH ATTACHMENTS, COSTUME JEWELRY, EARRINGS, VEST CHAINS, WALDEMAR CHAINS, AND CUFF LINKS.
Claims use since Apr. 1939.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 536,710. O'HEARN MANUFACTURING COMPANY, Gardner, Mass. Filed Oct. 3, 1947.

REST-ALL

FOR LIVING ROOM, BEDROOM, AND OTHER TYPES OF HOUSEHOLD CHAIRS.
Claims use since May 31, 1947.

Ser. No. 536,772. THE DICKEY MANUFACTURING COMPANY, Toledo, Ohio. Filed Oct. 4, 1947.

"Veneta"

FOR VENETIAN BLINDS.
Claims use since Sept. 25, 1946.

CLASS 33

GLASSWARE

Ser. No. 528,735. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio. Filed July 16, 1947. Under section 2f of the act of 1946.

OWENS OVALS

No claim is made to the word "Ovals" apart from the mark. Applicant claims ownership of registrations Nos. 144,220 and 166,961.
FOR BOTTLES MADE OF GLASS.
Claims use since Jan. 1, 1919.

Ser. No. 529,231. CHINA & GLASS DISTRIBUTORS, INC., New York, N. Y. Filed July 23, 1947.



FOR GLASS DINNER TABLEWARE AND SETS THEREOF.
Claims use since Feb. 6, 1947.

Ser. No. 535,384. CLUB ALUMINUM PRODUCTS COMPANY, Chicago, Ill. Filed Sept. 23, 1947.



The words "Top-Stove Cookware," "Glass" and "A Club Aluminum Product" are disclaimed apart from the mark. Applicant claims ownership of registration No. 397,884.
FOR TOP-OF-STOVE HEAT RESISTANT GLASS SAUCE PANS, DOUBLE BOILERS, TEA POTS, TEA KETTLES, DRIP COFFEE MAKERS, PERCOLATORS, VACUUM COFFEE MAKERS.
Claims use since Aug. 22, 1941.

Ser. No. 535,387. CLUB ALUMINUM PRODUCTS COMPANY, Chicago, Ill. Filed Sept. 23, 1947.

HOUSEHOLD INSTITUTE

The word "Household" is disclaimed apart from the mark.
FOR GLASS COOKINGWARE—NAMELY, VACUUM COFFEE MAKERS.
Claims use since Feb. 28, 1928.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 504,801. SUBMERGED COMBUSTION COMPANY OF AMERICA, INC., Hammond, Ind. Filed Dec. 31, 1947.

SUBCOMCO

FOR BURNERS FOR DIRECT COMBUSTION OF FUEL BENEATH A LIQUID LEVEL AND CONTROL APPARATUS FOR OPERATING SAID BURNERS.
Claims use since December 1945.

Ser. No. 507,579. THE FOUNDRY EQUIPMENT COMPANY, Cleveland, Ohio. Filed Dec. 26, 1947.



FOR GAS AND OIL FIRED INDUSTRIAL FURNACES, OVENS AND AIR HEATERS FOR USE IN FORGING, HEAT TREATING, DRAWING, ANNEALING, AND NORMALIZING.
Claims use since July 25, 1940.

Ser. No. 527,436. LIBERTY FOUNDRY COMPANY, St. Louis Mo. Filed July 5, 1947.

FRONT RANK

Applicant claims ownership of registration No. 107,067.
FOR WARM-AIR HEATING EQUIPMENT FOR ALL FUELS—NAMELY, GRAVITY-FLOW WARM-AIR FURNACES, FORCED WARM-AIR FURNACES, FURNACE BLOWER FILTER UNITS, STOKERS, OIL BURNERS, AND GAS BURNERS.
Claims use since Jan. 1, 1888.

Ser. No. 528,628. HOLLAND FURNACE COMPANY, Holland, Mich. Filed July 15, 1947. Under section 2f of the act of 1946.

AIRE-U-WELL

FOR FURNACE FAN.
Claims use since 1927.

Ser. No. 532,839. LONERGAN MANUFACTURING COMPANY, Albion, Mich. Filed Aug. 29, 1947.

COUNSELOR

FOR SPACE HEATERS.
Claims use since September 1939.

Ser. No. 534,093. CORY CORPORATION, Chicago, Ill. Filed Sept. 11, 1947. Under section 2f of the act of 1946.

CORY

Applicant claims ownership of registration No. 331,919.
FOR GAS STOVES.
Claims use since February 1936.

Ser. No. 540,318. REZNOR MANUFACTURING COMPANY, Mercer, Pa. Filed Nov. 6, 1947. Under section 2f of the act of 1946.

REZNOR

FOR HEATING FURNACES AND STOVES, CONSOLE HEATERS, FIREPLACE HEATERS, UNIT HEATERS, CIRCULATING HEATERS, FLUE EXHAUSTERS, AUXILIARY GAS BURNERS, GAS HEATING STOVES, OIL HEATING STOVES, AND GAS CONVERSION BURNERS.
Claims use since 1891.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 541,980. THERMOID COMPANY, Trenton, N. J. Filed Nov. 21, 1947.

PLY-TEX

No claim is made to the word "Ply" apart from the mark.
FOR TRANSMISSION BELTING.
Claims use since 1936.

CLASS 37

PAPER AND STATIONERY

Ser. No. 514,928. THE ANCHOR PAPER COMPANY, Cincinnati, Ohio. Filed Nov. 4, 1947. Under section 2f of the act of 1946.

WALNUT

FOR WRAPPING PAPER.
Claims use since 1936.

Ser. No. 533,876. GENERAL BINDING CORPORATION, Chicago, Ill. Filed Sept. 9, 1947.

G. B. C.

FOR RING-TYPE BINDING ELEMENTS MADE OF PLASTIC OR METAL, USED IN BINDING PAPER, CATALOGS, BOOKS AND THE LIKE.
Claims use since November 1942.

Ser. No. 537,174. THE GLASSINE & GREASEPROOF MANUFACTURERS ASSOCIATION, New York, N. Y. Filed Oct. 8, 1947. CERTIFICATION MARK.

BAGLASS

FOR SEMI-GREASEPROOF GLASSINE PAPER OF MEDIUM TRANSPARENCY.
Claims use since June 23, 1938.

Ser. No. 537,175. THE GLASSINE & GREASEPROOF MANUFACTURERS ASSOCIATION, New York, N. Y. Filed Oct. 8, 1947. CERTIFICATION MARK.

SULGLASS

FOR NON-GREASEPROOF GLASSINE PAPER OF LOW TRANSPARENCY.
Claims use since Nov. 13, 1935.

Ser. No. 537,676. FALLS PAPER & POWER CO., Oconto Falls, Wis. Filed Oct. 13, 1947.

Teal

FOR PAPER TOWELS, PAPER NAPKINS, AND TOILET TISSUE.
Claims use since Sept. 27, 1946.

Ser. No. 537,729. POWERS PAPER CO., Springfield, Mass. Filed Oct. 13, 1947.

SHETLAND

Applicant claims ownership of registration No. 142,894.
FOR BOXED WRITING PAPER, WRITING TABLETS, ENVELOPES, AND POUND PAPERS.
Claims use since December 1911.

Ser. No. 540,063. FIELDSTON BALL PEN CO., INC., New York, N. Y. Filed Nov. 4, 1947.

MERMAID

FOR SELF-FEEDING PENS AND REFILLS THEREFOR.
Claims use since June 1, 1947.

Ser. No. 540,364. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Nov. 7, 1947.

AIMCEE

FOR FACIAL TISSUES.
Claims use since May 1941.

Ser. No. 540,840. MAINCO TRADING CO., Kennebunk, Maine. Filed Nov. 12, 1947.



FOR PAPER TOWELS AND TISSUE PAPER FOR VARIOUS USES.
Claims use since Sept. 2, 1947.

Ser. No. 541,067. NORRIS ANDREWS, Los Angeles, Calif. Filed Nov. 14, 1947.

VACUPAC

FOR BOX-LINER FOR PACKING GRAPES IN LUGS AND KEEPING THEM INTACT IN COLD STORAGE.
Claims use since Sept. 12, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 502,489. CHICAGO FEDERATION OF LABOR, Chicago, Ill. Filed Dec. 2, 1947.

The Voice of Labor

No claim is made to the word "Labor" apart from the mark.
FOR PERIODICALLY AND INTERMITTENTLY APPEARING PRINTED PROGRAMS, MAGAZINES, AND LABOR UNION DIRECTORIES.
Claims use since April 1926.

Ser. No. 515,379. THE KIPLINGER WASHINGTON AGENCY, INC., Washington, D. C. Filed Sept. 23, 1947.

THE CHANGING TIMES

FOR MAGAZINE.
Claims use since Dec. 26, 1946.

Ser. No. 516,010. ELAINE EXTON, Washington, D. C. Filed Mar. 3, 1948.

Word from Washington

The word "Washington" is disclaimed except in connection with the mark as set forth.
FOR COLUMN OR SECTION APPEARING IN A PERIODICAL OR NEWSPAPER.
Claims use since November 1946.

Ser. No. 516,180. FRED FEAR & CO., Brooklyn, N. Y. Filed Mar. 27, 1948.



The representation of the Christmas seal is disclaimed apart from the mark.
FOR CHRISTMAS SEALS, PRINTED TAGS AND CARDS, AND PRINTED TAPES AND STICKERS.
Claims use since Jan. 14, 1947.

Ser. No. 529,951. ARMSTRONG CORK COMPANY, Lancaster, Pa. Filed July 30, 1947. Under section 2f of the act of 1946.

Tile Talk

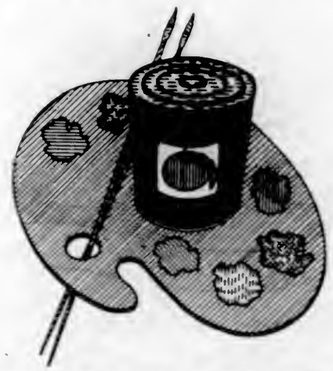
FOR HOUSE ORGANS PUBLISHED PERIODICALLY.
Claims use since July 1933.

Ser. No. 533,728. GENERAL TELEPHONE DIRECTORY COMPANY, Long Beach, Calif. Filed Sept. 8, 1947.



The words "Telephone Industry" are disclaimed apart from the mark.
FOR TELEPHONE DIRECTORIES.
Claims use since May 1, 1946.

Ser. No. 537,046. MUIRSON LABEL CO., INC., San Jose, Calif. Filed Oct. 7, 1947.



Applicant makes no claim to the words "Solid Pack Tomatoes" nor to the representation of the label. The drawing is lined for the colors red, brown, black, silver, purple, green, yellow, and orange.
FOR FOOD LABELS.
Claims use since May 1947.

Ser. No. 542,880. THE PONTIAC DAILY PRESS, Pontiac, Mich. Filed Dec. 1, 1947. Under section 2f of the act of 1946.

THE PONTIAC DAILY PRESS

Applicant claims ownership of registration No. 358,052.
FOR NEWSPAPER.
Claims use since July 1, 1919.

Ser. No. 543,021. PUBLIC WORKS JOURNAL CORPORATION, New York, N. Y. Filed Sept. 12, 1947. Under section 2f of the act of 1946.

Public Works

Applicant claims ownership of registration No. 432,795.
FOR PERIODICALS PUBLISHED FROM TIME TO TIME.
Claims use since Jan. 1, 1920.

Ser. No. 548,093. MIRACLE ADHESIVES CORPORATION, Newark, N. J., and New York, N. Y. Filed Jan. 27, 1948.

MIRA-DATA SHEET

The words "Data Sheet" are disclaimed apart therefrom.
FOR PRINTS AND PUBLICATIONS CONSISTING OF SHEETS OF DRAWINGS AND SPECIFICATIONS EMBRACING MATTER DESCRIPTIVE OF THE APPLICATION AND USE OF ADHESIVES IN THE CONSTRUCTION INDUSTRY PUBLISHED FROM TIME TO TIME.
Claims use since Apr. 7, 1947.

Ser. No. 548,348. DOROTHY DRAPER, New York, N. Y. Filed Jan. 30, 1948.

COLOR IN YOUR LIFE

The word "Color" is disclaimed apart from the mark as shown.
FOR NEWSPAPER COLUMN.
Claims use since Sept. 14, 1947.

Ser. No. 548,843. THE REGISTER AND TRIBUNE COMPANY, Des Moines, Iowa. Filed Feb. 5, 1948.



The drawing is cross-hatched in black and white. The words "Iowa Best State in the Land" are disclaimed apart from the mark.
FOR NEWSPAPER.
Claims use since Apr. 1, 1942.

Ser. No. 549,662. PRINTER'S INK PUBLISHERS CO. INC., New York, N. Y. Filed Feb. 13, 1948.

Printers' Ink

FOR PERIODICAL PUBLICATION PUBLISHED WEEKLY.
Claims use since July 15, 1888.

Ser. No. 556,717. HERCULES POWDER COMPANY, Wilmington, Del. Filed Jan. 19, 1948. Under section 2f of the act of 1946.

THE EXPLOSIVES ENGINEER

FOR MAGAZINE (PERIODICAL).
Claims use since March 1923.

Ser. No. 556,718. HERCULES POWDER COMPANY, Wilmington, Del. Filed Jan. 19, 1948. Under section 2f of the act of 1946.

HERCULES CHEMIST

FOR MAGAZINE (PERIODICAL).
Claims use since October 1936.

CLASS 39

CLOTHING

Ser. No. 529,737. THE WILLOW SHIRT AND UNDERWEAR CORPORATION, New Haven, Conn., now by change of name The Willow Shirt Corporation, a corporation of Connecticut. Filed July 26, 1947. Under section 2f of the act of 1946.

De Haven

Applicant claims ownership of registration No. 391,336.
FOR MEN'S OUTER SHIRTS AND PAJAMAS.
Claims use since Apr. 30, 1939.

Ser. No. 531,467. P. H. HANES KNITTING COMPANY, Winston-Salem, N. C. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

HANES
Suede Knit

The conventional lining indicates the color yellow, no claim being made to the notation "Suede-Knit" herein except as shown.
FOR SPORTSWEAR—NAMELY, SHIRTS AND KNIT AND WOVEN UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, AND CHILDREN'S SLEEPERS.
Claims use since Sept. 10, 1946.

Ser. No. 531,469. P. H. HANES KNITTING COMPANY, Winston-Salem, N. C. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

HANES

FOR UNDERWEAR—NAMELY, ONE AND TWO PIECE UNDERGARMENTS OF KNITTED, WOVEN, AND KNITTED AND WOVEN MATERIAL, FOR MEN, WOMEN, AND CHILDREN, AND CHILDREN'S SLEEPERS.
Claims use since Nov. 28, 1914.

Ser. No. 531,471. P. H. HANES KNITTING COMPANY, Winston-Salem, N. C. Filed Aug. 15, 1947. Under section 2f of the act of 1946.

Twyn-Rib

FOR KNIT AND WOVEN UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, AND CHILDREN'S SLEEPERS.
Claims use since Dec. 15, 1926.

Ser. No. 531,789. LOUIS GOLDSMITH INC., Philadelphia, Pa. Filed Aug. 19, 1947.

Land O'

Applicant claims ownership of registration No. 405,974.
FOR MEN'S AND BOYS' SUITS, COATS, VESTS, TROUSERS, OVERCOATS, AND DRESS SUITS.
Claims use since Oct. 15, 1941.

Ser. No. 534,229. ARNOFF SHOE COMPANY, INC., New York, N. Y. Filed Sept. 12, 1947.

ASCO SPORTS

The word "Sports" is disclaimed apart from the mark.
FOR SHOES MADE OF LEATHER.
Claims use since October 1935.

Ser. No. 534,983. BERNARD GREENBERG, New York, N. Y. Filed Sept. 19, 1947.

Marbern

FOR BOW TIES.
Claims use since Aug. 4, 1947.

Ser. No. 535,166. LE ROI HOSIERY CO. INC., New York, N. Y. Filed Sept. 20, 1947. Under section 2f of the act of 1946.

SUPER-KNIT

The word "Knit" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 344,771.
FOR HOSIERY.
Claims use since Sept. 2, 1936.

Ser. No. 535,167. LE ROI HOSIERY CO. INC., New York, N. Y. Filed Sept. 20, 1947.

LeRoi

Applicant claims ownership of registrations Nos. 148,109, 362,181, and 421,802.
FOR MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY.
Claims use since Feb. 1, 1921.

Ser. No. 535,168. LE ROI HOSIERY CO. INC., New York, N. Y. Filed Sept. 20, 1947. Under section 2f of the act of 1946.

HUGTOP

Applicant claims ownership of registration No. 282,795.
FOR HOSIERY.
Claims use since Nov. 28, 1930.

Ser. No. 535,435. TERRY-ANN SPORTSWEAR CO., New York, N. Y. Filed Sept. 23, 1947.

TERRY ANN

FOR LADIES' AND MISSES' LOUNGING ROBES, BATH ROBES, SLACKS, SKIRTS, DRESSES, JACKETS, OUTER SHORTS, BLOUSES, HALTERS, CULOTTES, PINAFORES, AND CHILDREN'S DRESSES, SUN SUITS, OVERALLS, LEGGING SETS, AND SNOW SUITS.
Claims use since Jan. 2, 1941.

Ser. No. 535,883. SCHLOSS BROS. & CO. INC., Baltimore, Md. Filed Sept. 26, 1947.

WESTCLIFFE

FOR MEN'S AND YOUNG MEN'S TOPCOATS.
Claims use since 1937.

Ser. No. 537,329. M. A. PACKARD COMPANY, Brockton, Mass., assignor to John S. Kent, Hanover Center, Mass. Filed Oct. 9, 1947.

SKOKIES

FOR SHOES WITH RUBBER SOLES AND CREPE SOLES.
Claims use since Mar 1, 1934.

Ser. No. 538,408. THE HAWK & BUCK CO., Fort Worth, Tex. Filed Oct. 20, 1947.



The mark is shown in red which is an essential feature thereof. Applicant claims ownership of registration No. 218,184.
FOR GARMENTS—NAMELY, COVERALLS, OVERALLS, PANTS, OUTER SHIRTS, PLAY-SUITS, AND AUTOSUITS.
Claims use since Sept. 18, 1947.

Ser. No. 541,059. LANG-KOHN, INC., St. Louis, Mo. Filed July 31, 1947. Under section 2f of the act of 1946.

Ellen Kaye ORIGINAL

The word "Original" is disclaimed apart from the mark. "Ellen Kaye" is a fanciful name. Applicant claims ownership of registration No. 214,635.
FOR GIRLS' AND WOMEN'S DRESSES, COATS, JACKETS, AND BLOUSES.
Claims use since May 1, 1922.

Ser. No. 543,921. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Dec. 10, 1947. Under section 2f of the act of 1946.

KNAPP-FELT

Applicant disclaims the word "Felt" apart from the mark shown. Applicant claims ownership of registrations Nos. 66,857, 176,268, 220,944, 294,328, 299,547, and 327,680.
FOR CAPS AND HATS FOR MEN.
Claims use since Feb. 1, 1906.

Ser. No. 544,235. WESTERN GARMENT COMPANY, St. Louis, Mo. Filed Dec. 12, 1947.

MSR

FOR WOMEN'S OUTER COATS AND SUITS.
Claims use since Nov. 4, 1947.

Ser. No. 544,467. MIKE SCHULMAN, INC., New York, N. Y. Filed Dec. 16, 1947.

QUEEN OF THE UNDIEWORLD

Applicant disclaims the descriptive term "Undie" separately from the mark as shown.
FOR UNDERWEAR FOR INFANTS, CHILDREN, AND WOMEN.
Claims use since Nov. 12, 1946.

Ser. No. 546,751. BEAUTIME FORMALS, INC., New York, N. Y. Filed Jan. 12, 1948.



FOR WOMEN'S AND MISSES' DRESSES AND EVENING GOWNS.
Claims use since Oct. 31, 1945.

Ser. No. 546,865. WILLIAM NETSKY, doing business as Susquehanna Waist Company, Upland, Pa. Filed Jan. 13, 1948.

SHIP 'N' SHORE

Applicant claims ownership of registration No. 371,501.
FOR LADIES', MISSES', AND CHILDREN'S SPORTSWEAR OUTER GARMENTS—NAMELY, SHORTS, SLACKS, SKIRTS, SHIRTS, AND BLOUSES.
Claims use since Apr. 20, 1939.

Ser. No. 555,401. FORSTMANN WOOLEN COMPANY, Passaic, N. J. Filed Apr. 23, 1948. CERTIFICATION MARK. Under section 2f of the act of 1946.

FORSTMANN

FOR MEN'S, WOMEN'S AND CHILDREN'S OUTER GARMENTS—NAMELY, SUITS, COATS, JACKETS, DRESSES, TROUSERS, SLACKS, SHIRTS, WAISTS, AND SKIRTS; LADIES' AND MISSES' ENSEMBLES—NAMELY, COATS, DRESSES, HATS AND HAND BAGS SOLD AS UNIT ASSEMBLIES; MILLINERY—NAMELY, BONNETS, CAPS, HATS AND SCARFS; AND MEN'S, WOMEN'S, AND CHILDREN'S SHORTS.
Claims use since 1926.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 531,233. NEW YORK MERCHANDISE CO., INC., New York, N. Y. Filed Aug. 13, 1947.

Lady Gay

FOR SAFETY PINS AND ORDINARY PINS.
Claims use since July 17, 1947.

Ser. No. 537,735. S. & G. RUBBER COMPANY, INC., New York, N. Y. Filed Oct. 13, 1947.

185

FOR COMBS.
Claims use since 1921.

Ser. No. 546,492. THE GOVERNOR FASTENER COMPANY, New York, N. Y. Filed Jan. 8, 1948.

"Vernalloy"

FOR FASTENERS, SUPPORTERS, AND/OR COUPLING DEVICES FOR UNDERGARMENTS.
Claims use since Dec. 8, 1947.

Ser. No. 549,033. E. J. WILKINS COMPANY, Gloversville, N. Y. Filed Feb. 6, 1948.

Valet Kit

The word "Kit" is disclaimed apart from the mark shown.
FOR COMB AND A FINGER NAIL FILE SOLD TOGETHER IN A LEATHER CASE.
Claims use since Dec. 1, 1947.

Ser No. 550,555. ROYAL SOCIETY, INC., New York, N. Y. Filed Feb. 25, 1948.

Royal Society

Applicant claims ownership of registrations Nos. 76,191 and 76,192.
FOR KNITTING PINS, CROCHET HOOKS, AFGHAN HOOKS, SOCK NEEDLES, TATTING SHUTTLES, STITCH HOLDERS.
Claims use since Oct. 24, 1947.

Ser. No. 550,556. ROYAL SOCIETY, INC., New York, N. Y. Filed Feb. 25, 1948.

ROYAL SOCIETY

Applicant claims ownership of registrations Nos. 76,191 and 76,192.
FOR KNITTING PINS, CROCHET HOOKS, AFGHAN HOOKS, SOCK NEEDLES, TATTING SHUTTLES, STITCH HOLDERS.
Claims use since June 12, 1942.

Ser. No. 550,596. HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y. Filed Feb. 26, 1948.

HEIRLOOM

Applicant claims ownership of registrations Nos. 412,383 and 414,007.
FOR STAMPED GOODS FOR EMBROIDERY AND SEWING NEEDLES, CROCHETING NEEDLES, EMBROIDERY NEEDLES, KNITTING NEEDLES, AND TAPESTRY NEEDLES, ALL FOR HAND USE.
Claims use since 1934.

Ser. No. 550,597. HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y. Filed Feb. 26, 1948.

HIAWATHA

Applicant claims ownership of registration No. 350,705.
FOR PARTLY FINISHED NEEDLEPOINT TAPESTRY AND STAMPED GOODS FOR EMBROIDERY AND BEADS.
Claims use since August 1932.

Ser. No. 551,705. THE WARREN FEATHERBONE COMPANY, Three Oaks, Mich. Filed Mar. 11, 1948.

SCOOPINS

FOR SAFETY PINS.
Claims use since Jan. 13, 1948.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 535,847. INTERCHEMICAL CORPORATION, New York, N. Y. Filed Sept. 26, 1947.

VICON

FOR WINDOW CURTAINS AND TABLE COVERINGS OF COATED TEXTILE FABRICS OR OF THIN PLASTIC FILM.
Claims use since Aug. 22, 1947.

Ser. No. 537,944. ERNST SEIDELMANN CORPORATION, New York, N. Y. Filed Oct. 15, 1947.

"ERES"



Since 1900

FOR DRESS GOODS IN THE PIECE COMPOSED OF RAYON, NYLON, COTTON, WOOL, AND SILK.
Claims use since 1935.

Ser. No. 540,963. COMPREHENSIVE FABRICS INC., New York, N. Y. Filed Nov. 13, 1947.

EMPERON

FOR COATED OR IMPREGNATED PIECE GOODS OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS; AND PLASTIC FILM SOLD IN THE PIECE, FOR USE IN UPHOLSTERING AND FOR MAKING SHOWER CURTAINS, APRONS, TABLE COVERS, RAINWEAR, AND THE LIKE.
Claims use since Apr. 17, 1945.

Ser. No. 541,847. MYRON B. LEVY CO., INC., New York, N. Y. Filed Nov. 20, 1947.

RESILINE

Applicant claims ownership of registration No. 173,689.
FOR NECKWEAR TIE INTERLININGS SOLD IN THE PIECE, YARD, ROLL, OR BOLT.
Claims use since Mar. 15, 1922.

Ser. No. 541,887. ABE SANDHAUS, New York, N. Y. Filed Nov. 20, 1947.



No claim is made to the representation of the goods except as shown.
FOR WOVEN FABRICS IN THE PIECE, OF RAYON YARNS.
Claims use since Aug. 26, 1943.

Ser. No. 543,100. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

AIR SCOOP

Applicant claims ownership of registration No. 405,914.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Jan. 14, 1941.

Ser. No. 543,101. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

JUNIOR PATROL

Applicant claims ownership of registration No. 409,698.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Dec. 1, 1943.

Ser. No. 543,102. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

SQUADRON ACE

Applicant claims ownership of registration No. 409,699.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Feb. 3, 1944.

Ser. No. 543,110. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

COOLONG

Applicant claims ownership of registration No. 364,847.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Sept. 14, 1938.

Ser. No. 543,121. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

SPORTIGAN

Applicant claims ownership of registration No. 363,924.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Aug. 24, 1938.

Ser. No. 543,125. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

AIR LEADER

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Feb. 28, 1947.

Ser. No. 543,131. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

HOLLOW ROY

Applicant claims ownership of registration No. 393,791.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Sept. 10, 1941.

Ser. No. 543,135. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

THICKSETTA

Applicant claims ownership of registration No. 399,004.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since June 8, 1942.

Ser. No. 543,138. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

TOP FLIGHT

Applicant claims ownership of registration No. 388,298.
FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Jan. 10, 1941.

Ser. No. 543,140. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

BURWANI

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.
Claims use since Dec. 27, 1946.

Ser. No. 544,234. WELLINGTON SEARS COMPANY, New York, N. Y. Filed Dec. 12, 1947.

Kasonga

FOR PIECE GOODS OF COTTON, WOOL, SILK, SYNTHETIC FIBERS, AND MIXTURES THEREOF.
Claims use since Oct. 14, 1947.

Ser. No. 544,238. OTTO WISE, Los Angeles, Calif. Filed Dec. 12, 1947.

SHANTEREAU

FOR RAYON FABRICS IN THE PIECE.
Claims use since Oct. 10, 1947.

Ser. No. 544,240. OTTO WISE, Los Angeles, Calif. Filed Dec. 12, 1947.

SIBONEY

FOR RAYON FABRICS IN THE PIECE.
Claims use since Oct. 10, 1947.

Ser. No. 549,852. THE STANLEY MANUFACTURING CO., INC., Denver, Colo. Filed Feb. 16, 1948.

PERMA-TECTOR

FOR COVERING FOR BED PADS, MATTRESSES, AND BEDDING, MADE OF FABRIC.
Claims use since Dec. 10, 1947.

Ser. No. 550,666. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Feb. 27, 1948.

SCOREBOARD

FOR PIECE GOODS MADE OF CELLULOSE ACETATE TYPE YARNS ALONE AND IN ADMIXTURE WITH COTTON, WOOL, SILK, OR RAYON.
Claims use since Jan. 10, 1941.

Ser. No. 551,846. ARKWRIGHT MERCHANDISING CORPORATION, New York, N. Y. Filed Mar. 13, 1948.

ARKWRIGHT

FOR SHEETS AND PILLOW CASES.
Claims use since May 15, 1925.

Ser. No. 553,725. LOWE, DONALD AND COMPANY, LIMITED, Peebles, Scotland. Filed Apr. 2, 1948.

SAXIMERE

Applicant claims ownership of British registration No. 495,914.
FOR CLOTHS AND STUFFS OF WOOL, WORSTED, OR HAIR.

Ser. No. 553,910. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Apr. 5, 1948.

BLACK BROOK

Applicant claims ownership of registration No. 150,560.
FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.
Claims use since Jan. 4, 1921.

Ser. No. 553,912. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Apr. 5, 1948.

COUNTRY CLUB

Applicant claims ownership of registration No. 118,337.
FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.
Claims use since Oct. 3, 1916.

Ser. No. 553,913. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Apr. 5, 1948.

DARBROOK

Applicant claims ownership of registration No. 173,359.
FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.
Claims use since Apr. 12, 1923.

Ser. No. 553,914. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Apr. 5, 1948.

FAIRWEATHER

Applicant claims ownership of registrations Nos. 155,523 and 401,136.
FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.
Claims use since Apr. 19, 1921.

Ser. No. 553,915. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Apr. 5, 1948.

MERVA

FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.
Claims use since October 1929.

Ser. No. 553,917. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Apr. 5, 1948.

SENOUSSI

Applicant claims ownership of registration No. 277,965.
FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.
Claims use since June 14, 1927.

Ser. No. 554,265. SOPIC CORPORATION, New York, N. Y. Filed Apr. 9, 1948.

Soptra Fabrics

No claim is made to the word "Fabrics" apart from the mark.
FOR COTTON, RAYON, AND WOOLEN PIECE GOODS.
Claims use since 1941.

Ser. No. 554,505. MOORESVILLE MILLS, Mooresville, N. C. Filed Apr. 13, 1948.

ARISTOMOOR

Applicant claims ownership of registration No. 250,287.
FOR RAYON PIECE GOODS.
Claims use since May 21, 1947.

Ser. No. 554,544. BERNHARD ALTMANN, New York, N. Y. Filed Apr. 14, 1948.

Gabarking

FOR GABARDINE PIECE GOODS.
Claims use since Feb. 1, 1948.

Ser. No. 554,558. FOLKARD & LAWRENCE, INC., New York, N. Y. Filed Apr. 14, 1948.

West Riding

Applicant claims ownership of registration No. 340,067.
FOR WOOLEN PIECE GOODS.
Claims use since Aug. 19, 1935.

Ser. No. 554,621. THE SPRINGS COTTON MILLS, Lancaster, S. C. Filed Apr. 14, 1948.

NOFRET

FOR SHEETS, PILLOW CASES, AND COTTON AND RAYON TEXTILE FABRICS BY THE YARD AND IN THE BOLT.
Claims use since Mar. 5, 1948.

Ser. No. 554,623. THE SPRINGS COTTON MILLS, Lancaster, S. C. Filed Apr. 14, 1948.

SOMNOLA

FOR SHEETS, PILLOW CASES, AND COTTON AND RAYON TEXTILE FABRICS BY THE YARD AND IN THE BOLT.
Claims use since Mar. 5, 1948.

Ser. No. 554,624. THE SPRINGS COTTON MILLS, Lancaster, S. C. Filed Apr. 14, 1948.

SWATE

FOR SHEETS, PILLOW CASES, AND COTTON AND RAYON TEXTILE FABRICS BY THE YARD AND IN THE BOLT.
Claims use since Mar. 5, 1948.

CLASS 43

THREAD AND YARN

Ser. No. 528,124. STANDARD-COOSA-THATCHER COMPANY, Chattanooga, Tenn. Filed July 8, 1947. Under section 2f of the act of 1946.

ARDMORE

FOR THREAD.
Claims use since Nov. 8, 1934.

Ser. No. 528,137. STANDARD-COOSA-THATCHER COMPANY, Chattanooga, Tenn. Filed July 8, 1947. Under section 2f of the act of 1946.

NEOSPUN

FOR THREAD.
Claims use since Mar. 29, 1932.

Ser. No. 534,028. THE LINEN THREAD CO., INC., New York, N. Y. Filed Sept. 10, 1947.

COLUMBIA

Applicant claims ownership of registration No. 171,898.
FOR THREAD.
Claims use since Apr. 23, 1898.

Ser. No. 541,811. JULIUS COHEN & SONS, INC., New York, N. Y. Filed Nov. 20, 1947.

CONANSON

FOR COTTON, SILK, AND MERCERIZED, LINEN, AND RAYON THREAD, AND COTTON YARN.
Claims use since 1903.

Ser. No. 546,361. BURLINGTON MILLS CORPORATION, Greensboro, N. C. Filed Jan. 7, 1948.

BUR-MIL QUALITY

No claim is made to the word "Quality" apart from the mark.
FOR COTTON YARNS.
Claims use since Aug. 20, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 540,829. THE KENDALL COMPANY, Boston, Mass. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

PRIME

FOR ATHLETIC SUPPORTERS.
Claims use since 1928.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 517,653. NAPA ROCK MINERAL WATER COMPANY, Oakland, Calif. Filed Dec. 2, 1947.

NAPA ROCK

The word "Napa" is disclaimed apart from the mark as shown.

FOR SPARKLING WATER AND NON-ALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS.

Claims use since 1922.

Ser. No. 518,528. FRED M. HALEY, doing business as Nello Company, Chattanooga, Tenn. Filed Nov. 3, 1947.

Nello

FOR NONALCOHOLIC MALTLESS CARBONATED FRUIT PUNCH BEVERAGE.

Claims use since Sept. 1, 1946.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 495,503. PURITY CHEESE COMPANY, Mayville, Wis. Filed Mar. 6, 1948.

Shepherd Girl

The word "Shepherd" as a surname is disclaimed.

FOR CHEESE.

Claims use since Sept. 25, 1945.

Ser. No. 503,952. GUS STRAND, doing business as Strand Fisheries, Aberdeen, Wash. Filed Aug. 27, 1947. Under section 2f of the act of 1946.

STRAND

FOR CANNED CLAMS, CANNED CRABMEAT, CANNED SALMON, AND CANNED TUNA.

Claims use since Mar. 8, 1922.

Ser. No. 511,635. PAN-AM FREEZERS, INC., Brownsville, Tex., now by change of name Pan-Am Foods, Inc., a corporation of Texas. Filed Mar. 12, 1948.

Ebony Valley

FOR FROZEN FRUITS AND FROZEN VEGETABLES—NAMELY, FROZEN PINEAPPLE AND FROZEN LIMA BEANS, FROZEN BROCCOLI, FROZEN SPINACH, AND FROZEN GREEN BEANS.

Claims use since Mar. 11, 1946.

Ser. No. 516,616. MEAD JOHNSON & COMPANY, Evansville, Ind. Filed July 5, 1947.

DEXTRO MALTO

Applicant disclaims "Dextro" except in association with the rest of the mark as shown. Applicant claims ownership of registration No. 173,340.

FOR SPECIALLY PREPARED FOOD, FOR INFANTS—NAMELY, A REFINED PRODUCT OF ENZYMIC HYDROLYSIS OF STARCH.

Claims use since 1910.

Ser. No. 518,272. ROBERT L. BERNER COMPANY, Chicago, Ill. Filed July 29, 1947.

Waxnips

FOR WAX COVERED FRESH PARSNIPS.

Claims use since Oct. 21, 1946.

Ser. No. 518,359. MARTY SHERMAN COMPANY, El Centro, Calif., assignee of National Growers & Shippers. Filed Apr. 5, 1948.

BRISK

FOR FRESH VEGETABLES.

Claims use since Jan. 5, 1947.

Ser. No. 519,352. STANDARD MILLING COMPANY, Chicago, Ill. Filed Oct. 1, 1947.

The drawing is lined for the purpose of shading to indicate that the lined portions are darker than the rest of the mark. Applicant claims ownership of registrations Nos. 45,340, 47,197, 47,205, 153,811, and 385,553.

FOR FLOUR MIXES—NAMELY, PIE CRUST MIX, DOUGHNUT MIX, AND SWEET DOUGH MIX.

Claims use since Feb. 19, 1947.

Ser. No. 519,751. HACHMEISTER INCORPORATED, Pittsburgh, Pa. Filed Nov. 5, 1947.

HAKO SHORT

No claim is made to the word "Short" apart from its association with the word "Hako."

FOR EMULSIFIER OF SHORTENING AND WATER FOR ENHANCING AND RETAINING THE QUALITY OF FINISHED BREAD.

Claims use since March 1933.

Ser. No. 519,939. J. T. GIBBONS, INC., New Orleans, La. Filed Sept. 3, 1947.

Red Bird

FOR CORN CHOPS, CORN MEAL, AND OATS FOR CATTLE, POULTRY, AND HORSES.

Claims use since 1926.

Ser. No. 520,360. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill. Filed May 27, 1948.

Sta-Sol

FOR LECITHIN CONCENTRATE.

Claims use since Mar. 27, 1947.

Ser. No. 523,002. ORANGE BELT FRUIT DISTRIBUTORS, Pomona, Calif. Filed Nov. 22, 1947. Under section 2f of the act of 1946.

ATTRACTIVE

FOR FRESH LEMONS.

Claims use since 1940.

Ser. No. 523,232. AMBOY MILK PRODUCTS COMPANY, Amboy, Ill. Filed Sept. 3, 1947.

Melody

Applicant claims ownership of registration No. 194,029.

FOR EVAPORATED MILK, FRESH CREAM, AND FRESH MILK.

Claims use since Jan. 13, 1925, on evaporated milk; and since Apr. 30, 1947, on cream and milk.

Ser. No. 526,752. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

JOHN DWIGHT & CO'S

No claim is made to the expression "& Co.'s" apart from the mark. Applicant claims ownership of registrations Nos. 369,752, 369,753, 369,754, 369,829, 434,455, 437,703, and 438,538.

FOR BAKING SODA, (BICARBONATE OF SODA), FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS.

Claims use since 1876.

Ser. No. 529,606. THE DAN-DEE PRETZEL AND POTATO CHIP COMPANY, Cleveland, Ohio. Filed July 26, 1947.

Dan Dee

Applicant claims ownership of registrations Nos. 261,450, 301,078, 379,931, 384,412, and 384,297.

FOR PRETZELS, POTATO CHIPS, POP CORN FLAVORED WITH CHEESE, NOODLES, AND FRENCH FRIED POP CORN.

Claims use since August 1927.

Ser. No. 529,653. K. & P. INDUSTRIES, INC., Kennewick, Wash. Filed July 26, 1947.

ATOMA

FOR CANNED VEGETABLES.

Claims use since Aug. 15, 1946.

Ser. No. 530,547. MONTANA FLOUR MILLS COMPANY, doing business as Judith Basin Mills, Inc., Great Falls, Mont. Filed Aug. 5, 1947.

KING GRIZZLY

Applicant claims ownership of registration No. 219,947.

FOR WHEAT FLOUR.

Claims use since Oct. 26, 1926.

Ser. No. 531,050. STANLEY FRUIT COMPANY, Phoenix, Ariz. Filed Aug. 11, 1947.

SKY-TOP

Applicant claims ownership of registration No. 343,817.

FOR FRESH LETTUCE, FRESH CARROTS, AND FRESH CANTALOUPES.

Claims use since 1936.

Ser. No. 531,247. ROSS PACKING CO., Selah, Wash. Filed Aug. 13, 1947. Under section 2f of the act of 1946.

SELAH

Applicant claims ownership of registration No. 329,891.

FOR DRIED FRUITS.

Claims use since September 1925.

Ser. No. 532,512. THE J. M. SMUCKER CO., Orrville, Ohio. Filed Aug. 26, 1947. Under section 2f of the act of 1946.

SMUCKER'S

Applicant claims ownership of registration No. 208,367.

FOR FRUIT PRESERVES, JELLIES, JAM, MARMALADE, AND APPLE BUTTER.

Claims use since 1900.

Ser. No. 532,530. WACONIA SORGHUM COMPANY, Cedar Rapids, Iowa. Filed Aug. 26, 1947. Under section 2f of the act of 1946.

Waconia

Applicant claims ownership of registration No. 183,256.

FOR SORGHUM SIRUP.

Claims use since Jan. 1, 1912.

Ser. No. 534,619. THE FARM BUREAU COOPERATIVE ASSOCIATION, INC., Columbus, Ohio. Filed Sept. 16, 1947. Under section 2f of the act of 1946.

PORK MAKER

Applicant claims ownership of registration No. 296,389.

FOR HOG FEEDS.

Claims use since Apr. 27, 1928.

Ser. No. 535,013. FAZIO BROS., Fresno, Calif. Filed Sept. 19, 1947.

TRI-BORO'S MENDOTA Pride

No claim is made to the word "Mendota" apart from the mark as shown.

FOR FRESH CANTALOUPES.

Claims use since July 13, 1947.

Ser. No. 535,020. FRUITLAND CANNING ASSOCIATION, INC., Fruitland, Idaho. Filed Sept. 19, 1947.

BLACK CANYON

FOR CANNED VEGETABLES.

Claims use since 1937.

Ser. No. 535,209. WYETH INCORPORATED, Philadelphia, Pa. Filed Sept. 20, 1947.

Cerol

Applicant claims ownership of registration No. 266,559.

FOR PRE-COOKED CEREAL WITH PAPAYA.

Claims use since July 2, 1929.

Ser. No. 535,528. HILL PACKING COMPANY, Topeka, Kans. Filed Sept. 24, 1947.

8 UP

FOR DOG FOOD.

Claims use since Mar. 19, 1941.

Ser. No. 535,626. RIVAL FOODS, INC., Cambridge, Mass. Filed Sept. 24, 1947.

RIVAL

Applicant claims ownership of registrations Nos. 241,844, 122,641, and 40,738.

FOR CANNED FRUIT, CANNED VEGETABLES, CANNED FRUIT JUICES, CANNED EVAPORATED MILK, DRIED FRUITS, FRUIT PRESERVES, JAMS AND JELLY, CHOPPED CLAMS, CANNED FISH, ALIMENTARY PASTE PRODUCTS, CANNED SOUP, CANNED BERRIES, CANNED CRANBERRIES, CANNED VEGETABLE JUICE, CANNED BAKED BEANS, CANNED CITRON, MAYONNAISE, MUSTARD, SANDWICH SPREAD, CHILI SAUCE, PEANUT BUTTER, WHITE AND CIDER VINEGAR, TOMATO CATSUP, OLIVES, RICE, SALT, MINCE MEAT, TOMATO PICCALILLI, SWEET RELISH, WATERMELON PICKLES, MUSTARD PICKLES, CANNED MUSHROOMS.

Claims use since 1875 as to the mark "Rival"; and since 1939 in its present form.

Ser. No. 535,693. ELMORE & STAHL, Pharr, Tex. Filed Sept. 25, 1947.

BLACK-TAN

FOR FRESH VEGETABLES.

Claims use since January 1939.

Ser. No. 536,298. SEEMAN BROTHERS, INC., New York, N. Y. Filed Sept. 30, 1947.

LUCILLE

FOR CANNED SALMON.

Claims use since 1917.

Ser. No. 536,661. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Oct. 3, 1947.

Candytuft

FOR ASSORTED CANDIES.

Claims use since Apr. 9, 1947.

Ser. No. 537,021. MAHLON M. DISLER, doing business as The Disler Products Co., Canton, Ohio. Filed Oct. 7, 1947.

Dislo

FOR PREPARATION FOR AIDING IN WHIPPING CREAM.

Claims use since July 1936.

Ser. No. 537,341. MULKEY SALT COMPANY, Detroit, Mich., assignor to Morton Salt Company, Chicago, Ill., a corporation of Illinois. Filed Oct. 9, 1947. Under section 2f of the act of 1946.

Mulkey's

FOR SALT.
Claims use since Jan. 1, 1924.

Ser. No. 541,184. ROTHWELL-GATBELL FRUIT CO. INC., Martinsburg, W. Va. Filed Nov. 14, 1947.

GOLD MEDAL

Applicant claims ownership of registration No. 195,948.
FOR FRESH APPLES.
Claims use since 1907.

Ser. No. 541,296. HAAS, BARUCH & CO., Los Angeles, Calif. Filed Nov. 15, 1947. Under section 2f of the act of 1946.

BAGDAD

Applicant claims ownership of registration No. 218,980.
FOR COFFEE.
Claims use since Aug. 8, 1925.

Ser. No. 541,616. G. L. WEBSTER COMPANY, INC., Cheriton, Va. Filed Nov. 18, 1947. Under section 2f of the act of 1946.

Webster's

FOR TOMATO JUICE COCKTAIL, TOMATO JUICE, AND PRESERVES—NAMELY, PEACH, STRAWBERRY, CHERRY, GRAPE, BLACK RASPBERRY, RED RASPBERRY, SEEDLESS BLACK RASPBERRY, BLACKBERRY, APRICOT, PINEAPPLE, AND PLUM.
Claims use since 1911.

Ser. No. 541,805. BROTMAN ASSOCIATES, INC., San Francisco, Calif. Filed Nov. 20, 1947.

BROT

FOR CANNED CHOCOLATE MILK.
Claims use since Oct. 14, 1947.

Ser. No. 542,642. OJAI ORANGE ASSOCIATION, Ojai, Calif. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

FELICITY

FOR FRESH CITRUS FRUITS.
Claims use since 1920.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 530,134. WALLERSTEIN COMPANY, INC., New York, N. Y. Filed July 31, 1947. Under section 2f of the act of 1946.

CREAMALT

FOR MALT AND GRAIN CONCENTRATE FOR THE MANUFACTURE OF MALT BEVERAGES—NAMELY, BEER AND ALE.
Claims use since Dec. 1, 1932.

Ser. No. 536,943. MILLER BREWING COMPANY, Milwaukee, Wis. Filed Oct. 6, 1947. Under section 2f of the act of 1946.

Miller

Applicant claims ownership of registrations Nos. 305,855 and 362,399.
FOR BEER.
Claims use since Apr. 27, 1887; and since Aug. 13, 1900, in the style shown.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 520,292. PADRE VINEYARD COMPANY, Los Angeles and Cucamonga, Calif. Filed Nov. 17, 1947. Under section 2f of the act of 1946.

CALIFORNIA MASTER VINTNERS. Vai Bros.

Applicant claims ownership of registrations Nos. 313,667, 328,928, and 418,182.
FOR BRANDY.
Claims use since 1940.

Ser. No. 522,039. W. P. SQUIBB DISTILLING CO., INC., Vincennes, Ind. Filed Mar. 9, 1948. Under section 2f of the act of 1946.

SQUIBB

FOR WHISKEY.
Claims use since 1848.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 497,538. GENERAL BOX COMPANY, Chicago, Ill. Filed Apr. 30, 1948.

GENERALIFT

FOR PALLETS AND SKIDS.
Claims use since Sept. 28, 1945.

Ser. No. 501,424. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 20, 1947.

ROYALENE

Applicant claims ownership of registration No. 291,241.
FOR PLIANT SYNTHETIC PLASTIC SHEETING RESEMBLING ARTIFICIAL LEATHER.
Claims use since Mar. 23, 1946.

Ser. No. 535,274. TRIM SALES COMPANY, Grand Rapids, Mich. Filed Sept. 22, 1947.

trim

FOR GARMENT PROTECTERS IN THE NATURE OF TRANSPARENT FLEXIBLE PROTECTING COVERS TO BE DRAPED OVER GARMENTS WHICH ARE SUPPORTED ON HANGERS.
Claims use since Aug. 19, 1947.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

441,013. WRAPPING PAPER, TOILET PAPER, PAPER TOWELS, PAPER NAPKINS, AND CLEANSING TISSUES. C. WILSON WOOD, doing business as L. K. Mallinckrodt, Baltimore, Md., assignor to L. K. Mallinckrodt, Inc., Baltimore, Md., a corporation of Maryland.
Filed February 21, 1944. Serial No. 467,631. PUBLISHED JULY 13, 1948. Class 37.

441,014. WATCHES, WATCH MOVEMENTS, WATCH CASINGS, AND ALL PARTS OF WATCHES. MONTRES HENEX S. A., Tavannes, Switzerland.
Filed March 26, 1945. Serial No. 481,334. PUBLISHED JULY 6, 1948. Class 27.

441,015. REFRACTORY MAGNESIAN CLINKER, RAMMING AND PATCHING MATERIALS SUITABLE FOR CEMENTITIOUS AND MOLDING USES IN FURNACE LINING AND REPAIRING. BASIC REFRACTORIES, INC., Cleveland, Ohio.
Filed May 21, 1945. Serial No. 483,603. PUBLISHED JUNE 29, 1948. Class 12.

441,016. WATCHES AND CLOCKS. HARRY ELKINS, Chicago, Ill.
Filed October 5, 1945. Serial No. 489,455. PUBLISHED JULY 20, 1948. Class 27.

441,017. ELECTRIC CLOCKS. CASCO PRODUCTS CORPORATION, Bridgeport, Conn.
Filed October 15, 1945. Serial No. 489,941. PUBLISHED JULY 6, 1948. Class 27.

441,018. PERFUMES, COLOGNES, AND DUSTING POWDER. CHARLES OF THE RITZ, INC., New York, N. Y.
Filed October 30, 1945. Serial No. 490,744. PUBLISHED MARCH 5, 1946. Class 6.

441,019. STERLING SILVER OR SILVER PLATED TABLEWARE, ETC. AKTIEBOLAGET GUSTAF ERIKSSONS METALLFABRIK, Eskilstuna, Sweden.
Filed December 12, 1945. Serial No. 493,095. PUBLISHED JUNE 29, 1948. Class 28.

441,020. WATCHES, WATCH CASINGS, AND PARTS OF WATCHES. MIDO SOCIETE ANONYME, Bienne, Switzerland.
Filed December 14, 1945. Serial No. 493,273. PUBLISHED JULY 13, 1948. Class 27.

441,021. PROTEIN HYDROLACY PRODUCT USED AS A DIETARY SUPPLEMENT FOR AMINO ACID DEFICIENCIES. WM. T. THOMPSON, doing business as Wm. T. Thompson Company, Los Angeles, Calif.
Filed December 17, 1945. Serial No. 493,465. PUBLISHED JULY 8, 1947. Class 6.

441,022. MOTOR FUEL MADE FROM AN ALCOHOL BASE WITH PURE MEDICINAL CASTOR OIL ADDED. CHRISTOPHER BROTHERS, Detroit, Mich.
Filed December 29, 1945. Serial No. 494,028. PUBLISHED JULY 13, 1948. Class 15.

441,023. LUBRICATING OILS AND GREASES. THE BROOKS OIL COMPANY, Cleveland, Ohio.
Filed January 4, 1946. Serial No. 494,256. PUBLISHED JULY 13, 1948. Class 15.

441,024. ELECTRICAL CONDENSERS AND MICROPHONE STANDS. SPECIAL PRODUCTS COMPANY, Silver Spring, Md.
Filed January 8, 1946. Serial No. 494,465. PUBLISHED JULY 23, 1946. Class 21.

441,025. MOTOR LUBRICATING OIL. ARTHUR GEORGE MEIER, doing business as Inland Products Co., Roanoke, Va.
Filed March 1, 1946. Serial No. 497,488. PUBLISHED JULY 6, 1948. Class 15.

441,026. FINISHED, CUT, RETICULATED, FORAMINOUS OR PERFORATED STENCILS FOR USE IN THE INDUSTRIAL ARTS. OSCAR A. TURNER, doing business as Fabritecture Studio, Chicago, Ill.
Filed March 15, 1946. Serial No. 498,328. PUBLISHED JULY 27, 1948. Class 37.

441,027. GARMENT HANGERS FOR SKIRTS AND TROUSERS. JOHN PEARL, Detroit, Mich.
Filed April 3, 1946. Serial No. 499,569. PUBLISHED AUGUST 5, 1947. Class 50.

441,028. KEY RING ORNAMENTED WITH PRECIOUS METAL PROVIDED WITH A BELL. CLARENCE FALK, doing business as Tel-A-Key Company, Washington, D. C., assignor to Tel-A-Key Trading Corporation, Washington, D. C., a corporation of Delaware.
Filed May 13, 1946. Serial No. 501,965. PUBLISHED JULY 6, 1948. Class 28.

441,029. WOMEN'S AND MISSES' SHOES MADE OF LEATHER, FABRIC OR RUBBER, OR COMBINATIONS OF THE SAME. HOLMES, STICKNEY & WALKER, INC., Portland, Maine, now by change of name Holmes, Stickney, Inc., a corporation of Maine.
Filed May 23, 1946. Serial No. 502,639. PUBLISHED JUNE 1, 1948. Class 39.

441,030. MEDICINAL OINTMENT PREPARATION FOR THE SCALP. HARRY D. PASACHOFF, New York, N. Y.
Filed June 18, 1946. Serial No. 504,128. PUBLISHED JULY 15, 1947. Class 6.

441,031. PRINTED TICKETS, SOLD AS SUCH, PRINTED BOOKLETS, AND PRINTED CARDS, SOLD AS SUCH. ANGEL ALVAREZ NUÑEZ, Madrid, Spain.
Filed June 28, 1946. Serial No. 504,819. PUBLISHED JUNE 15, 1948. Class 38.

441,032. MAGAZINE. HIGHLIGHTS FOR CHILDREN, INC., Columbus, Ohio.
Filed July 13, 1946. Serial No. 505,583. PUBLISHED JULY 6, 1948. Class 38.

441,033. MEDICINAL SALINE PREPARATION FOR INTERNAL HUMAN USE AS A LAXATIVE OR FOR A SIMILAR PURPOSE. J. C. ENO, INC., Bloomfield, N. J.
Filed July 16, 1946. Serial No. 505,688. PUBLISHED JULY 20, 1948. Class 6.

441,034. PERFUMES AND EAU DE COLOGNE. AKTS. M. AARSLEFF & Co., Copenhagen, Denmark.
Filed July 18, 1946. Serial No. 505,790. PUBLISHED JULY 13, 1948. Class 6.

441,035. MAGAZINE ISSUED QUARTERLY. CLOSE-UP, INC., New York, N. Y., and St. Louis, Mo.
Filed July 23, 1946. Serial No. 506,095. PUBLISHED JUNE 15, 1948. Class 38.

441,036. COMPOSITIONS OF STRONG MINERAL ACIDS, IN CONCENTRATE OR AQUEOUS SOLUTION FORM, FOR INDUSTRIAL USE. THE PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.
Filed August 7, 1946. Serial No. 507,018. PUBLISHED JULY 13, 1948. Class 6.

441,037. FUNGICIDES—NAMELY, DUSTING SULPHUR. SWIFT & COMPANY, Chicago, Ill.
Filed August 8, 1946. Serial No. 507,084. PUBLISHED JULY 20, 1948. Class 6.

441,038. REFLECTIVE GLASS BEADS FOR USE ON MUNICIPAL, HIGHWAY, AND AIRPORT CENTER LINES, SAFETY ZONES, RUNWAY NUMERALS, AND BOUNDARY LINES. B. & R. MANUFACTURING COMPANY, St. Louis, Mo., assignor to Flex-O-Lite Manufacturing Corporation, St. Louis, Mo., a corporation of Missouri.
Filed August 9, 1946. Serial No. 507,103. PUBLISHED DECEMBER 30, 1947. Class 50.

441,039. ROSARIES MADE OF PRECIOUS METAL. LOUIS STERN COMPANY, Providence, R. I.
Filed August 15, 1946. Serial No. 507,495. PUBLISHED JULY 6, 1948. Class 28.

441,040. PERFUMES AND TOILET WATERS. D'ORSAY SALES COMPANY, New York, N. Y.
Filed August 16, 1946. Serial No. 507,521. PUBLISHED JULY 13, 1948. Class 6.

441,041. MEDICINAL PREPARATIONS — NAMELY, FOR TABLETS FOR THE RELIEF OF STOMACH DISORDERS. WILLIAM L. THREADGILL, Rockford, Ill.
Filed August 16, 1946. Serial No. 507,551. PUBLISHED JULY 20, 1948. Class 6.

441,042. DEODORANT COMPOSITIONS FOR DEODORIZING STRUCTURES, INDUSTRIAL ESTABLISHMENTS AND SO FORTH. CHARLES V. SPARHAWK, doing business as Sparhawk Company, Sparkill, N. Y.
Filed August 19, 1946. Serial No. 507,662. PUBLISHED JULY 13, 1948. Class 6.

441,043. MACHINERY LUBRICATING OIL HAVING ADHESIVE CHARACTERISTICS. SUN OIL COMPANY, Philadelphia, Pa.
Filed September 6, 1946. Serial No. 508,623. PUBLISHED JUNE 22, 1948. Class 15.

441,044. METALLIC WARM AIR CIRCULATING FIREPLACES USING COAL OR WOOD AS FUEL. DARCY L. CAGE, Los Angeles, Calif.
Filed September 13, 1946. Serial No. 508,976. PUBLISHED JULY 20, 1948. Class 34.

441,045. THERAPEUTIC AND IMMUNIZING AGENTS FOR THE TREATMENT OF WHOOPING COUGH BY INOCULATION. CUTTER LABORATORIES, Berkeley, Calif.
Filed September 24, 1946. Serial No. 509,638. PUBLISHED DECEMBER 9, 1947. Class 6.

441,046. COATED PLATE GLASS AND/OR COATED WINDOW GLASS, ETC. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.
Filed October 3, 1946. Serial No. 510,195. PUBLISHED JULY 13, 1948. Class 33.

441,047. THERMOSTATIC SWITCH WITH ATTENDANT WIRING SUITABLE FOR MOUNTING IN LOCATIONS WHERE FIRES ARE APT TO BREAK OUT SUCH AS NEAR CHIMNEYS, FURNACES, ETC., AND FOR CONNECTION TO AN ELECTRIC SIGNAL SUCH AS A DOOR BELL, BUZZER, ETC., TO CONSTITUTE AN ELECTRIC FIRE ALARM. HERBERT E. WHITE, doing business as White Engineering Company, Windsor, Ohio, assignor to Therm-O-Larm Corporation, Cleveland Heights, Ohio.
Filed October 3, 1946. Serial No. 510,219. PUBLISHED JULY 13, 1948. Class 21.

441,048. CIGARETTE LIGHTER FUEL. AMERICAN CHEMICAL COMPANY, Birmingham, Ala.
Filed October 7, 1946. Serial No. 510,372. PUBLISHED JULY 20, 1948. Class 6.

441,049. PERSONAL LEATHER GOODS—NAMELY, BILLFOLDS, WALLETS, CARD CASES, KEY CASES, EMPTY COMB AND FILE CASES, AND POCKET SECRETARIES, EMPTY LEATHER TOILET KITS, AND LEATHER ZIPPER ENVELOPES. CHARLES BERKELEY, doing business as Superior Leather Goods Co., Boston, Mass.
Filed October 9, 1946. Serial No. 510,476. PUBLISHED JUNE 22, 1948. Class 3.

441,050. NUTRITIVE TONIC CONTAINING MALT. GALACTINA & BIOMALZ A. G., Belp, Switzerland.
Filed October 9, 1946. Serial No. 510,503. PUBLISHED JULY 13, 1948. Class 6.

441,051. WATCHES. WALTHAM WATCH COMPANY, Waltham, Mass.
Filed October 9, 1946. Serial No. 510,555. PUBLISHED JULY 6, 1948. Class 27.

441,052. WATCHES. WALTHAM WATCH COMPANY, Waltham, Mass.
Filed October 9, 1946. Serial No. 510,556. PUBLISHED JULY 6, 1948. Class 27.

441,053. JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES), ETC. JACQUES KREISLER MANUFACTURING CORPORATION, North Bergen, N. J.
Filed October 11, 1946. Serial No. 510,693. PUBLISHED JUNE 22, 1948. Class 28.

441,054. METALLIC WATCH BANDS NOT INCLUDING WATCHES. JACQUES KREISLER MANUFACTURING CORPORATION, North Bergen, N. J.
Filed October 11, 1946. Serial No. 510,696. PUBLISHED JULY 6, 1948. Class 28.

441,055. FOUNTAIN PENS. MAX M. NEUHOFF, New York, N. Y.
Filed October 11, 1946. Serial No. 510,716. PUBLISHED JULY 27, 1948. Class 37.

441,056. UNIT HEATERS—NAMELY, STEAM, HOT WATER, OR ELECTRIC UNIT HEATERS, ETC. AMERICAN THERMAL INDUSTRIES, INC., Detroit, Mich.
Filed October 16, 1946. Serial No. 510,925. PUBLISHED JULY 6, 1948. Class 34.

441,057. MECHANICAL PENCILS. CHARLES BERGONZO, Moutier, Switzerland.
Filed October 19, 1946. Serial No. 511,134. PUBLISHED JULY 27, 1948. Class 37.

441,058. ULTRA-VIOLET RAY LAMPS AND FIXTURES THEREFOR FOR THE DESTRUCTION OF BACTERIA. O & S PRODUCTS, INC., Chicago, Ill.
Filed October 19, 1946. Serial No. 511,181. PUBLISHED JUNE 29, 1948. Class 21.

441,059. COAL. RODEN COAL COMPANY, Marvel, Ala.
Filed October 25, 1946. Serial No. 511,503. PUBLISHED JULY 13, 1948. Class 1.

441,060. WIRE PARTICULARLY ADAPTED FOR THE MANUFACTURE OF THERMIONIC GRID ELEMENTS SUCH AS PLATINUM CLAD-MOLYBDENUM WIRE AND TANTALUM CLAD-MOLYBDENUM WIRE AND PLATINUM CLAD-TANTALUM CLAD-MOLYBDENUM WIRE. FANSTEEL METALLURGICAL CORPORATION, North Chicago, Ill.
Filed November 1, 1946. Serial No. 511,868. PUBLISHED JULY 6, 1948. Class 21.

441,061. KITS FOR MAKING BEADED BAGS CONTAINING THE FOLLOWING: BEADED BAG DESIGN, FABRIC MATERIAL FOR BODY OF BAG, BAG LINING WITH A ZIPPER CLOSURE, BEADS, THREAD, AND NEEDLES. HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y.
Filed November 5, 1946. Serial No. 512,063. PUBLISHED JUNE 15, 1948. Class 40.

441,062. PERFUMES. DR RIAZ, Neuilly-sur-Seine, France.
Filed November 8, 1946. Serial No. 512,245. PUBLISHED JULY 20, 1948. Class 6.

441,063. FOUNTAIN PENS. THE CHARMORE COMPANY, Paterson, N. J., and New York, N. Y.
Filed November 12, 1946. Serial No. 512,379. PUBLISHED JULY 6, 1948. Class 37.

441,064. CANNED FISH. HIGH SEAS TUNA PACKING COMPANY, INC., Point Loma, San Diego, Calif.
Filed November 13, 1946. Serial No. 512,503. PUBLISHED NOVEMBER 11, 1947. Class 46.

441,065. FIXTURES FOR THE COUNTER DISPLAY OF MERCHANDISE, SUCH FIXTURES BEING IN THE FORM OF STANDS, RACKS, BOXES, TRAYS, CASES, CABINETS, SHELF UNITS, AND TABLES. LUSTRA-CITE INDUSTRIES, INC., New York, N. Y.
Filed November 13, 1946. Serial No. 512,515. PUBLISHED JUNE 29, 1948. Class 32.

441,066. JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES)—NAMELY, NECKLACES, PENDANTS, FINGER RINGS, ETC. E. GÜBELIN, INC., New York, N. Y., assignor to Gubelin International Corporation, New York, N. Y., a corporation of New York.
Filed November 15, 1946. Serial No. 512,666. PUBLISHED JULY 6, 1948. Class 28.

441,067. TABLE AND WALL OILCLOTH. INTERCHEMICAL CORPORATION, New York, N. Y.
Filed November 21, 1946. Serial No. 512,972. PUBLISHED JULY 20, 1948. Class 20.

441,068. PNEUMATIC TIRES FOR VEHICLE WHEELS, SMALL, PORTABLE, POCKET SIZE REPAIR OUTFITS FOR TIRES, PIECES OF SHEET RUBBER FOR REPAIRING TIRES. INDIA TYRE & RUBBER COMPANY LIMITED, Inchinnan, Scotland.
Filed November 26, 1946. Serial No. 513,249. PUBLISHED JULY 20, 1948. Class 35.

441,069. BRICK USED IN THE CONSTRUCTION OF BUILDINGS AND TILE USED IN THE CONSTRUCTION OF WALKS, WALLS, FLOORS, ROOFING, ETC. JAMES TOWNE COLLONY POTTERY, Williamsburg, Va.
Filed November 29, 1946. Serial No. 513,426. PUBLISHED JUNE 29, 1948. Class 12.

441,070. FACSIMILE DUPLICATING APPARATUS OF THE TYPE USING A PHOTOELECTRIC SCANNER AND AN ELECTRO-CHEMICAL REPRODUCER. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed November 29, 1946. Serial No. 513,461. PUBLISHED JUNE 29, 1948. Class 21.

441,071. RADIATOR STOP LEAK, COOLING SYSTEM CLEANER, RUBBER SOLVENT, AND HYDRAULIC BRAKE FLUID. DUNLOP TIRE AND RUBBER CORPORATION, Buffalo, N. Y.
Filed December 3, 1946. Serial No. 513,612. PUBLISHED JULY 20, 1948. Class 6.

441,072. CANNED FRUITS—NAMELY, PEACHES, APRICOTS, GRAPEFRUIT SECTIONS AND FRUIT COCKTAIL; CANNED VEGETABLES—NAMELY, PEAS, ETC. G. M. C. FOOD CO., New York, N. Y.
Filed December 11, 1946. Serial No. 514,024. PUBLISHED APRIL 6, 1948. Class 46.

441,073. NECKLACES, BRACELETS, FINGER RINGS, EARRINGS, JEWELRY CLIPS, BROOCHES, LOCKETS, ETC. CORO, INC., New York, N. Y.
Filed December 12, 1946. Serial No. 514,103. PUBLISHED JULY 6, 1948. Class 28.

441,074. MOTOR LUBRICATING OIL. ARTHUR GEORGE MEIER, doing business as Inland Products Co., Roanoke, Va.
Filed December 12, 1946. Serial No. 514,124. PUBLISHED JULY 13, 1948. Class 15.

441,075. FACE POWDER, LIPSTICK, ROUGE, LIQUID COSMETIC PREPARATION FOR THE LIPS, PERFUME, FACIAL CREAM, HAND CREAM, NAIL POLISH, HAIR DRESSING, AND HAIR TONIC. DAVID J. MAXIN, Chicago, Ill.
Filed December 18, 1946. Serial No. 514,484. PUBLISHED SEPTEMBER 2, 1947. Class 6.

441,076. VITAMINS; HERB CONCENTRATES—NAMELY, HERBAL LAXATIVES, CONCENTRATED VEGETABLE TABLETS; AND MEDICINES—NAMELY, LINIMENTS, HYGIENIC POWDERS, AND BALMS. THE OLD FASHIONED HERB COMPANY, Pasadena, Calif.
Filed December 20, 1946. Serial No. 514,620. PUBLISHED JULY 20, 1948. Class 6.

441,077. WOMEN'S COSTUME JEWELRY. LEO GLASS & COMPANY, INC., New York, N. Y.
Filed December 21, 1946. Serial No. 514,652. PUBLISHED SEPTEMBER 9, 1947. Class 28.

441,078. COLORED GLASS VASES. DAVID G. RICHMOND, East Lynn, Mass.
Filed December 23, 1946. Serial No. 514,721. PUBLISHED JULY 6, 1948. Class 33.

441,079. WRAPPING PAPER. THE ANCHOR PAPER COMPANY, Cincinnati, Ohio.
Filed December 28, 1946. Serial No. 514,927. PUBLISHED JULY 6, 1848. Class 37.

441,080. NEWS MAGAZINE PUBLISHED QUARTERLY. THE OMICRON DELTA KAPPA SOCIETY, Cincinnati, Ohio.
Filed January 15, 1947. Serial No. 515,776. PUBLISHED JULY 6, 1948. Class 38.

441,081. JUVENILE FURNITURE—NAMELY, BABY CHAIRS, BABY TOIDIES (IN CHAIR FORM), AND BABY CRIBS. NORTHWEST JUVENILE MANUFACTURING COMPANY, St. Paul, Minn.
Filed January 17, 1947. Serial No. 515,896. PUBLISHED JUNE 29, 1948. Class 32.

441,082. LUGGAGE AND CARRYING CASES—NAMELY, BRIEF CASES, CATALOGUE CASES, OVERNIGHT CASES, TRAVELING BAGS, GLADSTONE BAGS, ETC. SCHELL LEATHER GOODS CO., INC., Cincinnati, Ohio.
Filed January 23, 1947. Serial No. 516,223. PUBLISHED JUNE 15, 1948. Class 3.

441,083. TOBACCO AND TOBACCO PRODUCTS—NAMELY, SMOKING TOBACCO, CHEWING TOBACCO, CIGARS, CIGARETTES, AND SNUFF. LARUS & BROTHER COMPANY, INC., Richmond, Va.
Filed January 29, 1947. Serial No. 516,552. PUBLISHED JULY 27, 1948. Class 17.

441,084. YARNS. ELLSON KNIT WEAR, INC., Los Angeles, Calif.
Filed January 30, 1947. Serial No. 516,606. PUBLISHED JUNE 8, 1948. Class 43.

441,085. SET COMPRISING CARDBOARD WORK SHEETS, ETC. PLANITECT COMPANY, New Orleans, La.
Filed January 31, 1947. Serial No. 516,719. PUBLISHED JULY 6, 1948. Class 38.

441,086. HAND BAGS, TRAVELING BAGS, SUIT CASES, KEY CASES, ETC. FRAN-STEF MFG. CO., New York, N. Y.
Filed February 1, 1947. Serial No. 516,764. PUBLISHED JUNE 8, 1948. Class 3.

441,087. PRINTED CHARTS OF STATISTICAL TABLES FOR CALCULATING PERFORMANCE OF FARM MACHINERY BY WORK HOURS AND ACREAGE. STANLEY J. KOUNTS, Grand Forks, N. Dak.
Filed February 14, 1947. Serial No. 517,489. PUBLISHED JULY 13, 1948. Class 38.

441,088. CREDENTIAL CARDS. WILLIAM L. MINICK, Waynesboro, Pa.
Filed February 14, 1947. Serial No. 517,506. PUBLISHED JUNE 29, 1948. Class 37.

441,089. TANK TYPE APPARATUS FOR TREATING WATER AND AQUEOUS SOLUTIONS WITH ION EXCHANGE MATERIALS. ILLINOIS WATER TREATMENT CO., Rockford, Ill.
Filed February 21, 1947. Serial No. 517,911. PUBLISHED JULY 20, 1948. Class 31.

441,090. CHOCOLATE FLAVORED CONFECTION IN THE FORM OF SMALL PIECES OR CHIPS AND COMPOSED OF SUGARS, VEGETABLE OILS, COCOA, SALT AND VANILLIN AND USED IN THE MAKING OF COOKIES, ETC. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio.
Filed February 24, 1947. Serial No. 517,970. PUBLISHED JUNE 8, 1948. Class 46.

441,091. TANK TYPE APPARATUS FOR TREATING WATER AND AQUEOUS SOLUTIONS WITH ION EXCHANGE MATERIALS. ILLINOIS WATER TREATMENT CO., Rockford, Ill.
Filed February 24, 1947. Serial No. 518,001. PUBLISHED JULY 20, 1948. Class 31.

441,092. COLUMN IN A PERIODICAL PUBLISHED AT INTERVALS. STREET & SMITH PUBLICATIONS, INC., New York, N. Y.
Filed March 5, 1947. Serial No. 518,568. PUBLISHED JUNE 15, 1948. Class 38.

441,093. MONTHLY PUBLICATION. S. BLICKMAN, INC., Weehawken, N. J.
Filed March 6, 1947. Serial No. 518,586. PUBLISHED JULY 6, 1948. Class 38.

441,094. TECHNICAL DATA PUBLICATIONS. TUNG-SOL LAMP WORKS, INC., Newark, N. J.
Filed March 7, 1947. Serial No. 518,706. PUBLISHED JULY 13, 1948. Class 38.

441,095. BOOKKEEPING RECORD FORMS. S & A BOOKKEEPING SYSTEMS, INC., St. Louis, Mo.
Filed March 10, 1947. Serial No. 518,781. PUBLISHED JULY 27, 1948. Class 37.

441,096. STEAM AND HOT WATER BOILERS AND COAL STOKERS FOR USE WITH HEATING, VENTILATING, AND/OR AIR CONDITIONING APPARATUS. THE AMERICAN SHIP BUILDING COMPANY, Cleveland, Ohio.
Filed March 18, 1947. Serial No. 519,158. PUBLISHED JULY 20, 1948. Class 34.

441,097. CHEMICAL TOXICANTS FOR USE IN THE MANUFACTURE OR FORMULATION OF AGRICULTURAL INSECTICIDES, FUNGICIDES, AND HERBICIDES. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed March 24, 1947. Serial No. 519,484. PUBLISHED OCTOBER 14, 1947. Class 6.

441,098. CIGARS. SALVADOR RODRIGUEZ, INC., Tampa, Fla.
Filed March 25, 1947. Serial No. 519,542. PUBLISHED JULY 27, 1948. Class 17.

441,099. WRITING PAPER, MAILING ENVELOPES, PRINTING PAPER, AND CORRESPONDENCE CARDS. ALLIED STORES CORPORATION, New York, N. Y., doing business as The Bon Marche, Seattle, Wash.; Dey Brothers & Company, Syracuse, N. Y.; and Quackenbush Company, Paterson, N. J.
Filed April 1, 1947. Serial No. 519,915. PUBLISHED JUNE 29, 1948. Class 37.

441,100. CLEANSER IN GRANULAR FORM FOR GENERAL WASHING PURPOSES. WHISK CO. OF NEW YORK, INC., New York, N. Y.
Filed April 17, 1947. Serial No. 520,915. PUBLISHED SEPTEMBER 2, 1947. Class 4.

441,101. GAS CONVERSION BURNERS, GAS BOILERS, GAS FIRED WATER HEATERS, OIL BURNERS, GAS AND OIL-FIRED FURNACES FOR DOMESTIC USE, VENTILATOR FANS, STOKERS, GAS RANGES, AND GAS SPACE HEATERS. CRANE CO., Chicago, Ill.
Filed April 24, 1947. Serial No. 521,244. PUBLISHED JULY 6, 1948. Class 34.

441,102. PICKLES. WEST COLORADO PICKLE CO., Grand Junction, Colo.
Filed April 29, 1947. Serial No. 521,548. PUBLISHED JULY 20, 1948. Class 46.

441,103. BRINE PUTTY, COMPOSED OF ASPHALTUM AND MIXED CORK, ETC. MUNDET CORK CORPORATION, Brooklyn and New York, N. Y.
Filed April 30, 1947. Serial No. 521,592. PUBLISHED JUNE 29, 1948. Class 12.

441,104. GUN BLUING SOLUTION WHICH IS A CHEMICAL COMPOSITION, APPLIED AS A FILM TO AN OBJECTIVE SURFACE. WRIGHT G. SCROXTON, doing business as New Method Mfg. Co., Bradford, Pa.
Filed April 30, 1947. Serial No. 521,615. PUBLISHED JULY 20, 1948. Class 6.

441,105. CHEMICAL PLASTIC COATING COMPOUNDS FOR APPLICATION TO METAL TO BE CONVERTED BY HEAT TO PROTECT SAME AGAINST WEAR CORROSION AND CHEMICAL FUMES AND TO PROVIDE ELECTRICAL INSULATION THEREFOR. INDUSTRIAL LINING ENGINEERS, INC., Edgeworth, Sewickley, Pa.
Filed May 5, 1947. Serial No. 521,890. PUBLISHED JULY 13, 1948. Class 6.

441,106. KITCHEN WALL CABINETS. MORTON MANUFACTURING COMPANY, Chicago, Ill.
Filed May 6, 1947. Serial No. 521,973. PUBLISHED JULY 13, 1948. Class 32.

441,107. SILICONE TREATED POLISHING TISSUES TO BE USED IN THE POLISHING OF GLASS AND OTHER VITREOUS SURFACES. DOW CORNING CORPORATION, Midland, Mich.
Filed May 7, 1947. Serial No. 522,011. PUBLISHED JULY 20, 1948. Class 4.

441,108. ELECTRICAL EQUIPMENT—NAMELY, RADIO AND TELEVISION RECEIVING SETS. TRADIO, INC., Deal, N. J.
Filed May 13, 1947. Serial No. 522,339. PUBLISHED JULY 13, 1948. Class 21.

441,109. EXTERIOR PAINTS IN BOTH PASTE AND LIQUID FORMS. THE PERMA PRODUCTS COMPANY, Cleveland, Ohio.
Filed May 20, 1947. Serial No. 522,740. PUBLISHED APRIL 13, 1948. Class 16.

441,110. MOTOR FUEL OIL AND AN OIL FOR LUBRICATING PURPOSES. MCBRIDE REFINING COMPANY, INC., Edinburg, Tex.
Filed May 21, 1947. Serial No. 522,753. PUBLISHED JULY 6, 1948. Class 15.

441,111. MEDICINAL PREPARATION FOR THE TREATMENT OF AMINO ACID DEFICIENCIES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed May 27, 1947. Serial No. 523,125. PUBLISHED JULY 13, 1948. Class 6.

441,112. MEDICINAL PREPARATION FOR THE TREATMENT OF AMINO ACID DEFICIENCIES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed May 27, 1947. Serial No. 523,126. PUBLISHED JULY 13, 1948. Class 6.

441,113. MEDICINAL PREPARATION FOR THE TREATMENT OF AMINO ACID DEFICIENCIES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed May 27, 1947. Serial No. 523,127. PUBLISHED JULY 13, 1948. Class 6.

441,114. SALVE TYPE PREPARATION FOR APPLICATION TO THE HAIR. JOHN I. CALICCHIO, Jersey City, N. J.
Filed May 29, 1947. Serial No. 523,239. PUBLISHED JULY 20, 1948. Class 6.

441,115. SERIES OF BOOKLETS OR LEAFLETS, MAILED PERIODICALLY. KEEP AMERICA AMERICAN, INC., Wellesley, Mass.
Filed May 31, 1947. Serial No. 523,317. PUBLISHED JULY 6, 1948. Class 38.

441,116. MEN'S LEATHER WORK SHOES WITH LEATHER OR RUBBER HEELS. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.
Filed June 4, 1947. Serial No. 523,524. PUBLISHED JULY 6, 1948. Class 39.

441,117. WATCHES, MORE ESPECIALLY WRIST OR STRAP WATCHES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed June 7, 1947. Serial No. 523,753. PUBLISHED JULY 6, 1948. Class 27.

441,118. WATCHES, PARTS OF WATCHES AND WATCH-CASES. CHARLES VIRCHAUX, doing business as Charles Virchaux Successeur de Francois Huguenin, La Chaux-de-Fonds, Switzerland.
Filed June 7, 1947. Serial No. 523,812. PUBLISHED JULY 6, 1948. Class 27.

441,119. PUBLIC ADDRESS EQUIPMENT AND COMPONENT PARTS THEREOF, COMPRISING A MICROPHONE, AN AMPLIFIER, BATTERIES, A SPEAKER, AND A CARRYING CASE THEREFOR. RALPH SILVERMAN, doing business as Siltronic Company, Pittsburgh, Pa.
Filed June 10, 1947. Serial No. 523,928. PUBLISHED JUNE 29, 1948. Class 21.

441,120. ARTIFICIAL FIBERS, SUCH AS CELLULOSE FIBER, PROTEIN FIBER (E. G. MILK WOOL), CUT ARTIFICIAL SILK, RAYON STAPLE FIBER, NYLON FIBER, ARTIFICIAL STRAW AND ARTIFICIAL HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,031. PUBLISHED JULY 13, 1948. Class 1.

441,121. ARTIFICIAL FIBERS, SUCH AS CELLULOSE FIBER, PROTEIN FIBER (E. G. MILK WOOL), CUT ARTIFICIAL SILK, RAYON STAPLE FIBER, NYLON FIBER, ARTIFICIAL STRAW AND ARTIFICIAL HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,032. PUBLISHED JULY 13, 1948. Class 1.

441,122. ARTIFICIAL FIBERS, SUCH AS CELLULOSE FIBER, PROTEIN FIBER (E. G. MILK WOOL), CUT ARTIFICIAL SILK, RAYON STAPLE FIBER, NYLON FIBER, ARTIFICIAL STRAW AND ARTIFICIAL HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,033. PUBLISHED JULY 13, 1948. Class 1.

441,123. ARTIFICIAL FIBERS, SUCH AS CELLULOSE FIBER, PROTEIN FIBER (E. G. MILK WOOL), CUT ARTIFICIAL SILK, RAYON STAPLE FIBER, NYLON FIBER, ARTIFICIAL STRAW AND ARTIFICIAL HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,034. PUBLISHED JULY 13, 1948. Class 1.

441,124. ARTIFICIAL FIBERS SUCH AS CELLULOSE FIBER, PROTEIN FIBER (E. G. MILK WOOL), CUT ARTIFICIAL SILK, RAYON STAPLE FIBER, NYLON FIBER, ARTIFICIAL STRAW AND ARTIFICIAL HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,035. PUBLISHED JULY 13, 1948. Class 1.

441,125. CELLOPHANE AND CELLULOSE ACETATE WRAPPING AND PACKAGING MATERIALS IN SHEET FORM AND IN THE FORM OF TUBING. CELLO-MASTERS, INCORPORATED, New York, N. Y.
Filed June 16, 1947. Serial No. 524,234. PUBLISHED JULY 27, 1948. Class 37.

441,126. ELECTRICAL APPARATUS—NAMELY, AUTOMATIC AND NON-AUTOMATIC IRONS, HEATERS, HEATING PADS FOR GENERAL USE, TOASTERS; AUTOMATIC AND NON-AUTOMATIC CURLING IRONS, WAFFLE IRONS, SANDWICH TOASTERS, AND HOT PLATES. SON-CHIEF ELECTRICS, INCORPORATED, Winsted, Conn.
Filed June 20, 1947. Serial No. 524,574. PUBLISHED JULY 13, 1948. Class 21.

441,127. ELECTRICAL HEATING PADS FOR GENERAL USE. SON-CHIEF ELECTRICS, INCORPORATED, Winsted, Conn.
Filed June 20, 1947. Serial No. 524,575. PUBLISHED JULY 6, 1948. Class 21.

441,128. ELECTRICAL INSULATING VARNISH. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio.
Filed June 24, 1947. Serial No. 524,734. PUBLISHED JULY 20, 1948. Class 21.

441,129. SOLUTIONS AND OTHER PREPARATIONS FOR USE IN WAVING THE HAIR, LOTIONS FOR SETTING HAIR, AND HAIR CREAM. ALFRED SMITH, London, England.
Filed June 25, 1947. Serial No. 524,826. PUBLISHED JULY 20, 1948. Class 6.

441,130. PRINTING PAPERS. ST. REGIS PAPER COMPANY, New York, N. Y.
Filed June 28, 1947. Serial No. 525,157. PUBLISHED JULY 20, 1948. Class 37.

441,131. HEAT EXCHANGERS. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed July 1, 1947. Serial No. 525,373. PUBLISHED JULY 20, 1948. Class 34.

441,132. HARNESS SWEAT PADS. OAKES & COMPANY, Chicago, Ill.
Filed July 1, 1947. Serial No. 525,379. PUBLISHED NOVEMBER 18, 1947. Class 3.

441,133. WATCHES. PIERRE WAHL, Geneva, Switzerland.
Filed July 3, 1947. Serial No. 525,989. PUBLISHED JULY 6, 1948. Class 27.

ACT OF 1920

These registrations are not subject to opposition.

441,134. (CLASS 27. HOROLOGICAL INSTRUMENTS.) MIDO SOCIETE ANONYME, Bienne, Switzerland. Filed Mar. 9, 1946. Serial No. 497,952.

MULTISERVICE

FOR WATCHES, WATCH CASINGS AND PARTS OF WATCHES.
Claims use since December 1940.

441,135. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MADAM C. J. WALKER MFG. CO., Indianapolis, Ind. Filed Aug. 14, 1946. Serial No. 507,443.

Madam C. J. Walker's WONDERFUL HAIR & SCALP PREPARATION

FOR SCALP OINTMENT.
Claims use since January 1942.

441,136. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) O. E. ZINN, doing business as Zinn Paint Company, Washington, D. C., and Henry, Va. Filed Apr. 3, 1947. Serial No. 520,138.

ZINN'S

FOR PAINTS IN DRY, PASTE AND READY MIXED FORMS, AND PAINTERS' MATERIALS—NAMELY, VARNISHES, PAINT DRIERS, PAINT ENAMELS, LACQUERS AND PUTTY, FOR PAINTERS' USE.
Claims use since Mar. 1, 1943.

ACT OF 1946, PRINCIPAL REGISTER

502,978. RUBBER PLASTICIZER IN THE NATURE OF A PETROLEUM OIL. THE ATLANTIC REFINING COMPANY, Philadelphia, Pa.
Filed September 29, 1947. Serial No. 491,958. PUBLISHED JULY 13, 1948. Class 6.

502,979. GAS HEATED, ELECTRICALLY OPERATED FOOD FRYER. THE HILLIARD CORPORATION, Elmira, N. Y.
Filed September 20, 1947. Serial No. 496,078. PUBLISHED JUNE 22, 1948. Class 34.

502,980. TWINES AND CORDS. BIBB MANUFACTURING COMPANY, Macon, Ga.
Filed August 25, 1947. Serial No. 499,816. PUBLISHED JUNE 15, 1948. Class 7.

502,981. YARNS, MADE OF COTTON, RAYON, BLENDS OF WOOL AND COTTON, AND BLENDS OF RAYON AND COTTON. BIBB MANUFACTURING COMPANY, Macon, Ga.
Filed August 25, 1947. Serial No. 499,818. PUBLISHED JUNE 15, 1948. Class 43.

502,982. PORTABLE ELECTRIC ENGRAVING AND CUTTING IMPLEMENT. BURGESS BATTERY COMPANY, Chicago and Freeport, Ill.
Filed September 18, 1947. Serial No. 501,044. PUBLISHED JULY 20, 1948. Class 21.

502,983. HAIR TONIC. ELWOOD JOSEPH GOODIER, doing business as Goodier Company, Dallas, Tex.
Filed October 22, 1947. Serial No. 502,133. PUBLISHED JUNE 29, 1948. Class 6.

502,984. GASKET MATERIAL AND MECHANICAL PACKING CONSISTING OR COMPOSED OF VEGETABLE FIBRE SHEET MATERIAL. MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn.
Filed August 13, 1947. Serial No. 502,589. PUBLISHED JULY 20, 1948. Class 35.

502,985. ROPE OF SISAL AND OTHER VEGETABLE HARD FIBRE. PLYMOUTH CORDAGE COMPANY, Plymouth, Mass.
Filed November 8, 1947. Serial No. 502,999. PUBLISHED JUNE 15, 1948. Class 7.

502,986. HANDBAGS, BILLFOLDS, SHOE AND HAT BAGS, SUIT CASES, UMBRELLA CASES, OVERNIGHT BAGS, WEEK-END BAGS, AND GLADSTONE BAGS. DELMAN, INC., New York, N. Y.
Filed November 8, 1947. Serial No. 503,433. PUBLISHED JUNE 22, 1948. Class 3.

502,987. HANDBAGS, BILLFOLDS, SHOE AND HAT BAGS, SUIT CASES, UMBRELLA CASES, OVERNIGHT BAGS, WEEK-END BAGS, AND GLADSTONE BAGS. DELMAN, INC., New York, N. Y.
Filed November 8, 1947. Serial No. 503,434. PUBLISHED JUNE 22, 1948. Class 3.

502,988. DOOR BOLTS, LOCKS, DOOR FASTENERS AND CATCHES. ADAMS RITE MANUFACTURING COMPANY, Glendale, Calif., assignee of Arthur R. Adams.
Filed July 5, 1947. Serial No. 504,873. PUBLISHED JULY 20, 1948. Class 25.

502,989. LIQUID LAUNDRY BLUE. PATEK AND CO., San Francisco, Calif.
Filed November 24, 1947. Serial No. 505,920. PUBLISHED JULY 20, 1948. Class 6.

502,990. LUBRICATING GREASES. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif.
Filed July 21, 1947. Serial No. 506,906. PUBLISHED JUNE 29, 1948. Class 15.

502,991. LIQUID AND OINTMENT PREPARATIONS FOR THE HAIR, SCALP AND TEMPLES, PRESSING OILS, SHAMPOO PREPARATIONS, BRILLIANTINE, CROQUIGNOLE OIL, COLD CREAM, VANISHING CREAM, DEODORANT, TALCUM POWDER, FACE POWDER, LIP STICK, AND ROUGE. PORO COLLEGE PRODUCTS COMPANY, INC., doing business as Poro College, Chicago, Ill.
Filed July 5, 1947. Serial No. 507,538. PUBLISHED JULY 13, 1948. Class 6.

502,992. SYNTHETIC RESINOUS MATERIALS IN SOLID FORM, ETC. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa., assignor to Rohm & Haas Company, Philadelphia, Pa., a corporation of Delaware.
Filed July 29, 1947. Serial No. 507,848. PUBLISHED JULY 20, 1948. Class 1.

502,993. NEWSPAPER SECTION OR DEPARTMENT. EDWARD L. A. WAGNER, New York, N. Y.
Filed July 8, 1947. Serial No. 509,112. PUBLISHED JUNE 15, 1948. Class 38.

502,994. GLASS BOTTLES AND JARS. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio.
Filed July 31, 1947. Serial No. 510,446. PUBLISHED JUNE 29, 1948. Class 33.

502,995. PRINTED MAGAZINE PUBLISHED PERIODICALLY. MONTANA FOOD DISTRIBUTORS ASSOCIATION, Helena, Mont.
Filed August 20, 1947. Serial No. 511,951. PUBLISHED JULY 13, 1948. Class 33.

502,996. VAPORIZING AND RUBBING SALVE OR OINTMENT FOR THE TREATMENT OF COLDS AND MINOR CHEST ACHES AND PAINS. JOHN E. RESPONDEK, doing business as Romo Drug Co., Detroit, Mich.
Filed November 12, 1947. Serial No. 514,496. PUBLISHED JULY 20, 1948. Class 6.

502,997. LADIES' AND MISSES' FITTED (OVERNIGHT) CASES. S. DRESNER & SON, INC., Chicago, Ill.
Filed November 14, 1947. Serial No. 514,942. PUBLISHED JULY 27, 1948. Class 3.

502,998. FOUNTAIN PENS. KIMBERLY CORPORATION, Los Angeles, Calif.
Filed October 25, 1947. Serial No. 516,617. PUBLISHED JULY 13, 1948. Class 37.

502,999. PHARMACEUTICAL PREPARATION SPECIALLY DESIGNED FOR USE IN HIGH-PROTEIN LOW-FAT DIETS. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 5, 1947. Serial No. 517,076. PUBLISHED JULY 20, 1948. Class 6.

503,000. GRATES AND COMPONENTS THEREOF, INCLUDING BRACKETS, LEVERS, AND SIDE FRAME SUPPORTS. GEORGE A. KOHOUT, doing business as Shear-Klean Grate Engineers, Chicago, Ill., and Evansville, Ind.
Filed October 15, 1947. Serial No. 517,140. PUBLISHED JUNE 15, 1948. Class 34.

503,001. COLLOIDAL METAL PREPARATIONS—NAMELY, COLLOIDAL SILVER PREPARATIONS, ETC. HEYDEN CHEMICAL CORPORATION, New York, N. Y.
Filed August 14, 1947. Serial No. 517,576. PUBLISHED JULY 6, 1948. Class 6.

503,002. JEWELRY FOR PERSONAL WEAR NOT INCLUDING WATCHES—NAMELY, EARRINGS, BROOCHES, LAPEL PINS, PENDANTS, HAT ORNAMENTS AND RING MOUNTINGS. JULE-THADE CREATIONS, San Francisco, Calif.
Filed August 27, 1947. Serial No. 519,587. PUBLISHED JULY 6, 1948. Class 28.

503,003. SYNTHETIC DETERGENT AND WETTING AGENT PARTICULARLY ADAPTED FOR USE IN WASHING AND CLEANSING COMPOSITIONS. STEPAN CHEMICAL COMPANY, Chicago, Ill.
Filed August 21, 1947. Serial No. 521,698. PUBLISHED JULY 13, 1948. Class 4.

503,004. COMPOUNDED, SYNTHETIC DETERGENT AND WETTING AGENT PARTICULARLY ADAPTED FOR USE IN WASHING AND CLEANSING COMPOSITIONS. STEPAN CHEMICAL COMPANY, Chicago, Ill.
Filed August 21, 1947. Serial No. 521,699. PUBLISHED JULY 13, 1948. Class 4.

503,005. TRUNKS, DRESS SUITCASES, HANDBAGS, SAMPLE CASES, PORTFOLIOS, ANIMAL CARRIERS, BILLFOLDS, WALLETS, AND TOILET KITS. HENRY L. KOTKINS, doing business as Skyway Luggage Company, Seattle, Wash.
Filed November 15, 1947. Serial No. 521,813. PUBLISHED JULY 20, 1948. Class 3.

503,006. OIL BURNING FURNACES. CONSOLIDATED INDUSTRIES, INC., Lafayette, Ind.
Filed November 7, 1947. Serial No. 521,959. PUBLISHED JULY 20, 1948. Class 34.

503,007. JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES) MADE WHOLLY OR PARTLY OF PRECIOUS METAL—NAMELY, ALL TYPES OF BRACELETS. MARVEL JEWELRY MFG. COMPANY, Providence, R. I.
Filed May 7, 1947. Serial No. 522,016. PUBLISHED JULY 20, 1948. Class 28.

503,008. BIAS TAPE, SEAM BINDING, SHOE LACES, AND FABRIC DRESS SHIELDS. C. J. FARLEY & COMPANY, Grand Rapids, Mich.
Filed November 25, 1947. Serial No. 522,306. PUBLISHED JULY 20, 1948. Class 40.

503,009. LIP STICKS. CHEBRA, INC., New York, N. Y.
Filed July 5, 1947. Serial No. 522,421. PUBLISHED JULY 20, 1948. Class 6.

503,010. ART NEEDLEWORK YARNS MADE OF WOOL. FLEISHER YARNS, INC., New York, N. Y.
Filed October 21, 1947. Serial No. 522,977. PUBLISHED JULY 20, 1948. Class 43.

503,011. COMBINATION CHAIR AND TABLE SETS FOR INFANTS. BABY HAVEN MANUFACTURING COMPANY, Brackenridge, Pa., assignee of Athey & Athey.
Filed November 13, 1947. Serial No. 523,234. PUBLISHED JULY 20, 1948. Class 32.

503,012. TEXTILE TAPE, BRAID, NARROW ELASTIC, AND NARROW WEBBING. THE ANSONIA O & C COMPANY, Ansonia, Conn.
Filed July 5, 1947. Serial No. 526,515. PUBLISHED JUNE 8, 1948. Class 40.

503,013. CARRIER TYPE RADIO TRANSMITTER AND CARRIER TYPE RADIO RECEIVERS DESIGNED FOR TRANSMISSION AND REPRODUCTION OF SOUND OVER A BUILDING OR PLANT POWER LINE. GEORGE EDWIN SMITH, Coral Gables, Fla.
Filed July 5, 1947. Serial No. 526,525. PUBLISHED JULY 6, 1948. Class 21.

503,014. BRUSHING PLASTER, A POWDER TO BE MIXED WITH WATER FOR WALL AND CEILING FINISH. HAROLD VERNON ROOT, Colorado Springs, Colo.
Filed July 5, 1947. Serial No. 526,558. PUBLISHED JUNE 29, 1948. Class 12.

503,015. NON-ELECTRIC HAIR CURLERS. CALCUTT & STEINER, Chicago, Ill.
Filed July 5, 1947. Serial No. 526,591. PUBLISHED JUNE 29, 1948. Class 40.

503,016. PAPER TOWELS AND TOILET TISSUE. STRAUBEL PAPER COMPANY, Green Bay, Wis.
Filed July 5, 1947. Serial No. 526,619. PUBLISHED JULY 20, 1948. Class 37.

503,017. FOLDING CHAIRS AND TABLES IN THE NATURE OF FURNITURE. STAKMORE CO., INC., Owego, N. Y.
Filed July 5, 1947. Serial No. 526,894. PUBLISHED JUNE 29, 1948. Class 32.

503,018. ACETYL TRIBUTYL CITRATE, ACETYL TRIETHYL CITRATE, ETC. CHAS. PFIZER & CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,922. PUBLISHED JULY 20, 1948. Class 6.

503,019. MATTRESSES, CUSHIONS, AND BOX-SPRINGS AND HANDLES THEREFOR. BECHIK PRODUCTS INC., doing business as Bechik Products, St. Paul, Minn.
Filed July 5, 1947. Serial No. 527,016. PUBLISHED JULY 20, 1948. Class 32.

503,020. LUBRICATING OILS AND HYDRAULIC OIL FOR RAMS, LIFTS, HYDRAULIC ACTUATING MECHANISMS, AND HYDRAULIC MACHINE TOOLS. THE PURE OIL COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,286. PUBLISHED JULY 20, 1948. Class 15.

503,021. COATED FABRIC TYPE WALL COVERING SIMILAR TO OILCLOTH. INTERCHEMICAL CORPORATION, New York, N. Y.
Filed July 5, 1947. Serial No. 527,463. PUBLISHED JUNE 1, 1948. Class 20.

503,022. COFFEE. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,465. PUBLISHED JUNE 8, 1948. Class 46.

503,023. VITAMIN E. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,537. PUBLISHED JULY 6, 1948. Class 6.

503,024. REPLACEMENT POCKETS. CREED & STEWART, LTD., Aurora, Ill.
Filed July 5, 1947. Serial No. 527,544. PUBLISHED JUNE 29, 1948. Class 40.

503,025. RESTAURANT FIXTURES—NAMELY, STOOL BASES AND TABLE BASES FOR PEDESTAL TYPE STOOLS AND TABLES. MADSEN IRON WORKS, Huntington Park, Calif., assignor to Madsen Iron Works, Inc., Huntington Park, Calif., a corporation of California.
Filed July 5, 1947. Serial No. 527,904. PUBLISHED JULY 13, 1948. Class 32.

503,026. POULTRY AND PIG CONDITIONERS AND MEDICINAL PREPARATIONS FOR POULTRY AND PIGS. BOB MARTIN (EXPORT) LIMITED, Lancashire, England.
Filed July 12, 1947. Serial No. 528,424. PUBLISHED JULY 20, 1948. Class 6.

503,027. DISPLAY STANDS FOR SUPPORTING STORE MERCHANDISE. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed July 12, 1947. Serial No. 528,458. PUBLISHED JULY 13, 1948. Class 32.

503,028. WAX PAPER. THE GREAT AMERICAN TEA COMPANY, New York, N. Y.
Filed July 12, 1947. Serial No. 528,465. PUBLISHED FEBRUARY 3, 1948. Class 37.

503,029. AMMONIUM SULPHATE. JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa.
Filed July 12, 1947. Serial No. 528,488. PUBLISHED JULY 6, 1948. Class 6.

503,030. PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, AND FACE CREAMS. LES PARFUMS NORANTE, SOCIETE A RESPONSABILITE LIMITEE, Melun, France.
Filed July 12, 1947. Serial No. 528,496. PUBLISHED JULY 6, 1948. Class 6.

503,031. ANTI-FREEZE SOLUTION, RADIATOR FLUSH, RADIATOR STOP LEAK, RUST INHIBITOR, LIQUID RADIATOR SOLDER, FIRE EXTINGUISHER FLUID, AND HYDRAULIC BRAKE FLUID. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed July 15, 1947. Serial No. 528,623. PUBLISHED JULY 6, 1948. Class 6.

503,032. POCKETBOOKS. E. J. WILKINS COMPANY, Gloversville, N. Y.
Filed July 15, 1947. Serial No. 528,666. PUBLISHED JUNE 8, 1948. Class 3.

503,033. CIRCULATING SPACE HEATERS, STOVES, WOOD AND COAL RANGES, OIL-BURNING RANGES AND CIRCULATING SPACE HEATERS. THE WASHINGTON STOVE WORKS, Everett, Wash.
Filed July 16, 1947. Serial No. 528,751. PUBLISHED JULY 6, 1948. Class 34.

503,034. NEWSPAPER ARTICLES AND COLUMNS. TRIANGLE PUBLICATIONS, INC., Philadelphia, Pa.
Filed July 17, 1947. Serial No. 528,832. PUBLISHED JULY 6, 1948. Class 38.

503,035. ELECTRIC LAMP BULBS. GENERAL ELECTRIC COMPANY, Schenectady, N. Y.
Filed July 18, 1947. Serial No. 528,857. PUBLISHED JULY 13, 1948. Class 21.

503,036. HEATING FURNACES OF THE DOMESTIC OR RESIDENTIAL TYPE—COAL, GAS AND OIL-FIRED—PARTS THEREOF AND BURNERS AND CONTROLS THEREFOR, STOKERS, WATER HEATERS AND INCINERATORS. HOLLAND FURNACE COMPANY, Holland, Mich.
Filed July 21, 1947. Serial No. 529,056. PUBLISHED JULY 6, 1948. Class 34.

503,037. CHEMICALLY TREATED STARCH, PRINCIPALLY IN POWDERED FORM, FOR USE IN THE PAPER INDUSTRY AND ALSO FOR STIFFENING OF CARPETS. HOWARD D. MEINCKE, Chicago, Ill.
Filed July 21, 1947. Serial No. 529,077. PUBLISHED JULY 20, 1948. Class 6.

503,038. METAL BALLS FOR USE IN FOUNTAIN PENS. S K F INDUSTRIES, INC., Philadelphia, Pa., and elsewhere.
Filed July 21, 1947. Serial No. 529,100. PUBLISHED JULY 13, 1948. Class 37.

503,039. METAL BALLS FOR USE IN FOUNTAIN PENS. S K F INDUSTRIES, INC., Philadelphia, Pa., and elsewhere.
Filed July 21, 1947. Serial No. 529,101. PUBLISHED JULY 13, 1948. Class 37.

503,040. ELECTRICALLY POWERED MACHINES FOR WASHING DISHES AND METAL ARTICLES. G. S. BLAKESLEE & CO., Chicago, Ill.
Filed July 22, 1947. Serial No. 529,133. PUBLISHED JUNE 29, 1948. Class 21.

503,041. PREPARATION OF ASTRINGENT SOLUTIONS FOR USE IN THE TREATMENT OF EYE CONDITIONS AND OF CERTAIN GENITO-URINARY INFECTIONS. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,137. PUBLISHED JULY 20, 1948. Class 6.

503,042. ORAL PREPARATION USEFUL AS AN ANALGESIC AND ANTIPYRETIC IN THE TREATMENT OF BODILY PAINS, COLDS, AND SIMILAR AILMENTS. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,142. PUBLISHED JULY 20, 1948. Class 6.

503,043. LUBRICATING OILS AND GREASES. FISKE BROTHERS REFINING CO., Newark, N. J.
Filed July 23, 1947. Serial No. 529,255. PUBLISHED JULY 6, 1948. Class 15.

503,044. LUBRICATING OILS AND GREASES. FISKE BROTHERS REFINING CO., Newark, N. J.
Filed July 23, 1947. Serial No. 529,256. PUBLISHED JULY 13, 1948. Class 15.

503,045. PREPARATIONS FOR ANTI-OFFSET INK, INK SOFTENER, AND INK DRYER. INDIANA CHEMICAL AND MANUFACTURING COMPANY, Indianapolis, Ind.
Filed July 23, 1947. Serial No. 529,263. PUBLISHED JULY 20, 1948. Class 11.

503,046. PTEROYL GAMMA GLUTAMIC ACID, WHICH IS A SYNTHETIC ORGANIC ACID FOR THE TREATMENT OF ANEMIAS AND METABOLIC DISEASES. AMERICAN CYANAMID COMPANY, New York, N. Y.
Filed July 24, 1947. Serial No. 529,333. PUBLISHED JULY 20, 1948. Class 6.

503,047. COMMON PINS, SNAP FASTENERS, SAFETY PINS, BOB PINS, GLASS HEADED PINS, AND KNITTING NEEDLES FOR HAND USE. WILLIAM PRYM, INC., Dayville, Killingly, Conn.
Filed July 24, 1947. Serial No. 529,407. PUBLISHED JUNE 29, 1948. Class 40.

503,048. CLOSURES FOR CANTAINERS. THE ABIDOR COMPANY, Chicago, Ill.
Filed July 25, 1947. Serial No. 529,429. PUBLISHED JULY 20, 1948. Class 50.

503,049. MOISTURE ABSORBING RECEPTACLE CONTAINING A CHEMICAL COMPOUND FOR USE WITH A CANNISTER OR OTHER CLOSED CONTAINER IN WHICH CRACKERS, POTATO CHIPS, GINGER SNAPS, PRETZELS, POP CORN AND THE LIKE ARE KEPT FOR HOUSEHOLD USE. R. H. DICKSON & COMPANY, INC., Indianapolis, Ind.
Filed July 25, 1947. Serial No. 529,443. PUBLISHED JULY 13, 1948. Class 6.

503,050. GERMICIDE PARTICULARLY ADAPTED FOR SANITIZING WALLS, FLOORS, UTENSILS AND OTHER DAIRY EQUIPMENT. E. F. DREW & CO., INC., New York, N. Y.
Filed July 25, 1947. Serial No. 529,444. PUBLISHED JULY 6, 1948. Class 6.

503,051. STORE, HOSPITAL, LABORATORY, OFFICE, LIBRARY, BANK FURNITURE, ETC. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio.
Filed July 25, 1947. Serial No. 529,456. PUBLISHED JULY 13, 1948. Class 32.

503,052. MEDICINAL LOTION FOR THE SKIN. A. C. HYND CORP., Tipp City, Ohio.
Filed July 26, 1947. Serial No. 529,651. PUBLISHED JULY 20, 1948. Class 6.

503,053. CANNED FOODS, PARTICULARLY CANNED TOMATOES AND CANNED TOMATO PUREE. THE STANDARD BEEF COMPANY, New Haven, Conn.
Filed July 26, 1947. Serial No. 529,721. PUBLISHED JULY 20, 1948. Class 46.

503,054. PREPARATION FOR REMOVING AND PREVENTING RADIATOR RUST. MAC'S SUPER GLOSS CO., Los Angeles, Calif.
Filed July 28, 1947. Serial No. 529,790. PUBLISHED JULY 13, 1948. Class 6.

503,055. CHEMICAL PREPARATIONS FOR EXTERMINATING WEEDS. AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.
Filed July 29, 1947. Serial No. 529,849. PUBLISHED JULY 20, 1948. Class 6.

503,056. DOOR BOLTS, WINDOW BOLTS, DOOR LATCHES, SASH LOCKS, WINDOW VENTILATING LOCKS, AND CUPBOARD TURNS. THE H. B. IVES COMPANY, New Haven, Conn.
Filed July 30, 1947. Serial No. 530,005. PUBLISHED JUNE 8, 1948. Class 25.

503,057. DESK CALENDARS AND DESK CALENDAR PADS. DEFIANCE SALES CORPORATION, New York, N. Y.
Filed August 2, 1947. Serial No. 530,296. PUBLISHED JUNE 29, 1948. Class 37.

503,058. ARTIFICIAL PEARLS. STEIN & ELLBOGEN COMPANY, Chicago, Ill.
Filed August 2, 1947. Serial No. 530,348. PUBLISHED JULY 6, 1948. Class 28.

503,059. SALT FOR MEAT CURING. MYLES SALT COMPANY, INC., New Orleans, La.
Filed August 5, 1947. Serial No. 530,550. PUBLISHED JULY 20, 1948. Class 6.

503,060. SILVER-PLATED HOLLOW-WARE. THE INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed August 8, 1947. Serial No. 530,824. PUBLISHED JULY 6, 1948. Class 28.

503,061. SILVER-PLATED HOLLOW-WARE. THE INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed August 8, 1947. Serial No. 530,825. PUBLISHED JULY 6, 1948. Class 28.

503,062. SILVERPLATED FLAT TABLEWARE. ONEIDA LTD., Sherrill and Oneida, N. Y.
Filed August 8, 1947. Serial No. 530,837. PUBLISHED JUNE 22, 1948. Class 28.

503,063. SAFES AND STRONG BOXES. VAN-BARRY MANUFACTURING COMPANY, Culver City, Calif.
Filed August 8, 1947. Serial No. 530,874. PUBLISHED JUNE 8, 1948. Class 25.

503,064. PUBLICATIONS COVERING REPORTS OF STUDIES, SURVEYS, AND ANALYSES RELATING TO ADVERTISING AND NEWSPAPER READING. THE ADVERTISING RESEARCH FOUNDATION INC., New York, N. Y.
Filed August 9, 1947. Serial No. 530,893. PUBLISHED June 22, 1948. Class 38.

503,065. HARD RUBBER COMBS FOR DRESSING, ORNAMENTING AND CLEANING HAIR. AMERICAN HARD RUBBER COMPANY, New York, N. Y.
Filed August 9, 1947. Serial No. 530,903. PUBLISHED JUNE 22, 1948. Class 40.

503,066. LEATHER BELTING. CHAS. A. SCHIEREN COMPANY, New York, N. Y.
Filed August 9, 1947. Serial No. 530,968. PUBLISHED JULY 20, 1948. Class 35.

503,067. DETACHABLE AUTOMOBILE CLOTHES-HANGER. HAR-TAL CAR CLOTHES HANGER, Burbank, Calif.
Filed August 11, 1947. Serial No. 531,031. PUBLISHED JULY 6, 1948. Class 50.

503,068. TIRE TREADS. PAUL E. HAWKINSON COMPANY, Minneapolis, Minn.
Filed August 11, 1947. Serial No. 531,035. PUBLISHED JULY 20, 1948. Class 35.

503,069. AUTOMOBILES. THE STUDEBAKER CORPORATION, South Bend, Ind.
Filed August 12, 1947. Serial No. 531,158. PUBLISHED JULY 6, 1948. Class 19.

503,070. SULPHA COMPOUNDS COMPRISING COMBINATIONS OF SULPHADIAZINE, ETC. BALDWIN PHARMACAL COMPANY, Newark, N. J.
Filed August 13, 1947. Serial No. 531,188. PUBLISHED JULY 13, 1948. Class 6.

503,071. SOAP FLAKES; CREAM METAL POLISH; POWDERED CLEANSER FOR CLEANING AND SCOURING KITCHEN UTENSILS, STONE STEPS, MARBLE FLOORS, BATH TUBS AND SINKS. CHICAGO SANITARY PRODUCTS CO., also doing business as Kleenwell Products Co., Chicago, Ill.
Filed August 13, 1947. Serial No. 531,196. PUBLISHED JULY 13, 1948. Class 4.

503,072. AQUEOUS AND NONAQUEOUS WAX EMULSIONS WHICH MAKE ABSORBATIVE FIBROUS AND NONFIBROUS MATERIALS WATERPROOF AND WATER REPELLENT—NAMELY, FABRICS AND PAPER. S. C. JOHNSON & SON, INC., Racine, Wis.
Filed August 13, 1947. Serial No. 531,214. PUBLISHED JULY 20, 1948. Class 6.

503,073. SHEET MATERIAL LAMINATED FROM WATER-RESISTING PAPER AND TEXTILE FABRIC, ETC. ANGIER CORPORATION, Framingham, Mass.
Filed August 14, 1947. Serial No. 531,287. PUBLISHED JUNE 29, 1948. Class 12.

503,074. DEVICE FOR CONNECTING THE BACK STRAPS OF BRASSIÈRES. THE GOVERNOR FASTENER CO., New York, N. Y.
Filed August 14, 1947. Serial No. 531,326. PUBLISHED JUNE 15, 1948. Class 40.

503,075. HAND WROUGHT JEWELRY. STUART N. NYE, Asheville, N. C.
Filed August 16, 1947. Serial No. 531,626. PUBLISHED JULY 6, 1948. Class 28.

503,076. ELECTROTYPES OF ALL KINDS READY FOR USE. ROYAL ELECTROTYPE COMPANY, Philadelphia, Pa.
Filed August 18, 1947. Serial No. 531,723. PUBLISHED JULY 13, 1948. Class 50.

503,077. INDUSTRIAL ABSORBENT TISSUES MADE OF PAPER, UNTREATED. KIMBERLY-CLARK CORPORATION, Neenah, Wis.
Filed August 19, 1947. Serial No. 531,806. PUBLISHED JULY 20, 1948. Class 37.

503,078. FERTILIZERS. N. S. KOOS & SON COMPANY, Kenosha, Wis.
Filed August 18, 1947. Serial No. 531,684. PUBLISHED JULY 13, 1948. Class 10.

503,079. BUTTONS AND BUCKLES, NOT MADE OF PRECIOUS METAL. B. BLUMENTHAL & CO. INC., New York, N. Y.
Filed August 20, 1947. Serial No. 531,885. PUBLISHED JUNE 1, 1948. Class 40.

503,080. LIPSTICKS. PARK & TILFORD, New York, N. Y.
Filed August 20, 1947. Serial No. 531,941. PUBLISHED JULY 20, 1948. Class 6.

503,081. PLAIN, LITHOGRAPHED, AND PARTIALLY PRINTED PAPER STRIPS, FOR USE IN MANIFOLDING REGISTERS, IN TYPEWRITERS, AND IN OTHER MACHINES. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J.
Filed August 22, 1947. Serial No. 532,099. PUBLISHED JULY 20, 1948. Class 37.

503,082. PLAIN, LITHOGRAPHED, AND PARTIALLY PRINTED PAPER STRIPS, LEAVES, AND SHEETS FOR USE IN MANIFOLDING REGISTERS, IN TYPEWRITERS, AND IN OTHER MACHINES. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J.
Filed August 22, 1947. Serial No. 532,103. PUBLISHED JULY 20, 1948. Class 37.

503,083. PLAIN, LITHOGRAPHED, AND PARTIALLY PRINTED PAPER STRIPS, LEAVES, AND SHEETS FOR USE IN MANIFOLDING REGISTERS, IN TYPEWRITERS, AND IN OTHER MACHINES. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J.
Filed August 22, 1947. Serial No. 532,104. PUBLISHED JULY 20, 1948. Class 37.

503,084. CHEMICAL COMPOSITION IN POWDERED FORM FOR KILLING SNAILS AND CUTWORMS. DESTRUXOL CORPORATION, LTD., Pasadena, Calif.
Filed August 22, 1947. Serial No. 532,125. PUBLISHED JULY 20, 1948. Class 6.

503,085. SYNTHETIC PROTEIN FIBER. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va.
Filed August 22, 1947. Serial No. 532,181. PUBLISHED MAY 18, 1948. Class 1.

503,086. GAS-HEATED HOT-WATER STORAGE SYSTEMS AND APPLIANCES. GENERAL WATER HEATER CORPORATION, Los Angeles, Calif.
Filed August 23, 1947. Serial No. 532,216. PUBLISHED APRIL 20, 1948. Class 34.

503,087. EAU DE COLOGNE. COUNTESS MARA INCORPORATED, New York, N. Y., assignor to Countess Mara Cosmetics, Inc., New York, N. Y., a corporation of New York.
Filed August 25, 1947. Serial No. 532,313. PUBLISHED JULY 20, 1948. Class 6.

503,088. HANDBAGS. MUTUAL BUYING SYNDICATE, INC., New York, N. Y.
Filed August 25, 1947. Serial No. 532,327. PUBLISHED JUNE 29, 1948. Class 3.

503,089. JEWELRY—NAMELY, EARRINGS, BROOCHES, BRACELETS, NECKLACES, ORNAMENTAL PINS, TIE PINS, FINGER RINGS, CHATELAINES, JEWELED BELT AND SHOE BUCKLES, JEWELED HAIR COMBS, JEWELED BARRETTES AND JEWELED HAT PINS. ARTHUR E. NEUMANN, Chicago, Ill.
Filed August 25, 1947. Serial No. 532,332. PUBLISHED JULY 6, 1948. Class 28.

503,090. WRITING PAPER, ENVELOPES, PENCILS, PENS, AND BLANK GUMMED LABELS. ARTHUR E. NEUMANN, Chicago, Ill.
Filed August 25, 1947. Serial No. 532,335. PUBLISHED JULY 27, 1948. Class 37.

503,091. ELBOWS, STOVEPIPE; GAS, COAL, WOOD, AND OIL STOVES; PORTABLE OVENS. SHAPLEIGH HARDWARE COMPANY, St. Louis, Mo.
Filed August 25, 1947. Serial No. 532,345. PUBLISHED JULY 20, 1948. Class 34.

503,092. PETROLEUM WAX HAVING A GENERAL USE IN INDUSTRY. INDUSTRIAL RAW MATERIALS CORP., New York, N. Y.
Filed August 26, 1947. Serial No. 532,455. PUBLISHED JUNE 29, 1948. Class 15.

503,093. PETROLEUM WAX HAVING A GENERAL USE IN INDUSTRY. INDUSTRIAL RAW MATERIALS CORP., New York, N. Y.
Filed August 26, 1947. Serial No. 532,456. PUBLISHED JUNE 29, 1948. Class 15.

503,094. PETROLEUM WAX HAVING A GENERAL USE IN INDUSTRY. INDUSTRIAL RAW MATERIALS CORP., New York, N. Y.
Filed August 26, 1947. Serial No. 532,457. PUBLISHED JUNE 29, 1948. Class 15.

503,095. PERIODICAL PUBLICATION. FENTON KELSEY CO., Madison, Wis.
Filed August 26, 1947. Serial No. 532,464. PUBLISHED JUNE 29, 1948. Class 38.

503,096. BRACELETS, ORNAMENTAL PINS, EARRINGS, BROOCHES, AND FINGER RINGS. D. ORNSTEIN & SONS CORPORATION, New York, N. Y.
Filed August 26, 1947. Serial No. 532,484. PUBLISHED JULY 6, 1948. Class 28.

503,097. MONTHLY PUBLICATION. RAYORAM CORPORATION, New York, N. Y.
Filed August 26, 1947. Serial No. 532,497. PUBLISHED JULY 13, 1948. Class 38.

503,098. PHARMACEUTICAL PREPARATION FOR TREATMENT OF RHEUMATISM AND GOUTY DIATHESIS. REED & CARNRICK, Jersey City, N. J.
Filed August 26, 1947. Serial No. 532,499. PUBLISHED JULY 13, 1948. Class 6.

503,099. HAND KNITTING YARNS. CHESTERFIELD YARN CO., New York, N. Y.
Filed August 27, 1947. Serial No. 532,561. PUBLISHED JUNE 22, 1948. Class 43.

503,100. FOR BOWL COVERS, ELECTRIC TOASTER COVERS, ETC. SEYMOUR WALLAS & COMPANY, St. Louis, Mo.
Filed August 27, 1947. Serial No. 532,647. PUBLISHED JULY 13, 1948. Class 50.

503,101. LUGGAGE—NAMELY, OVERNIGHT CASES AND BUS CASES. AMERICAN HARDWARE COMPANY, INC., Petersburg, Va.
Filed August 28, 1947. Serial No. 532,674. PUBLISHED JUNE 22, 1948. Class 3.

503,102. SCAFFOLDS. AUTOMATIC DEVICES, INC., St. Louis, Mo.
Filed August 28, 1947. Serial No. 532,676. PUBLISHED JULY 13, 1948. Class 50.

503,103. BOXES FORMED OF BASE METAL FOR HOLDING BONDS, STOCK CERTIFICATES, AND OTHER DESIRED ITEMS. THE MERRIAM MANUFACTURING COMPANY, Durham, Conn.
Filed August 28, 1947. Serial No. 532,743. PUBLISHED JUNE 15, 1948. Class 25.

503,104. WATER OR STEAM HEATERS. KEWANEE BOILER CORPORATION, Kewanee, Ill.
Filed August 30, 1947. Serial No. 532,936. PUBLISHED JULY 20, 1948. Class 34.

503,105. SNAP FASTENERS: SNAP FASTENER TAPE; SAFESEALS, WHICH TERM IS USED IN THE TRADE TO INDICATE SPECIAL DEVICES OF THE SNAP FASTENER TYPE IN WHICH THE TWO MEMBERS ARE SECURELY LOCKED AFTER THEY HAVE BEEN PRESSED TOGETHER, ETC. WALDES KOHINOOR, INC., Long Island City, N. Y.
Filed August 30, 1947. Serial No. 532,941. PUBLISHED JULY 13, 1948. Class 40.

503,106. ELECTRIC MOTORS, AND VARIOUS TYPES OF PORTABLE ELECTRICALLY-DRIVEN TOOLS—NAMELY, DRILLS, GRINDERS, HACK SAWS, AND SCREW DRIVERS. LOUISVILLE ELECTRIC MANUFACTURING COMPANY, Louisville, Ky.
Filed August 30, 1947. Serial No. 532,944. PUBLISHED JULY 20, 1948. Class 21.

503,107. LIPSTICK, ROUGE, AND NAIL POLISH. ELIZABETH ARDEN SALES CORPORATION, New York, N. Y.
Filed September 2, 1947. Serial No. 532,991. PUBLISHED JULY 20, 1948. Class 6.

503,108. FRESH PEARS. CALIFORNIA FRUIT EXCHANGE, Sacramento, Calif.
Filed September 2, 1947. Serial No. 533,001. PUBLISHED JULY 20, 1948. Class 46.

503,109. JAR CAPS AND LIDS MADE OF METAL. KERR GLASS MANUFACTURING CORPORATION, Sand Springs, Okla.
Filed September 3, 1947. Serial No. 533,171. PUBLISHED JULY 13, 1948. Class 50.

503,110. GLASS JARS. KERR GLASS MANUFACTURING CORPORATION, Sand Springs, Okla.
Filed September 3, 1947. Serial No. 533,174. PUBLISHED JULY 13, 1948. Class 33.

503,111. VITAMIN PREPARATIONS, ETC. ERNST BISCHOFF COMPANY, INCORPORATED, Ivoryton, Conn.
Filed September 4, 1947. Serial No. 533,264. PUBLISHED JULY 13, 1948. Class 6.

503,112. VITAMIN PREPARATIONS, SPECIFIC STIMULANT TO THE RESPIRATORY CENTER, VACCINES FOR INTRADERMAL INJECTION AND INTRAMUSCULAR OR SUBCUTANEOUS USE FOR THE TREATMENT OF RINGWORM OF THE SKIN, ETC. ERNST BISCHOFF COMPANY, INCORPORATED, Ivoryton, Conn.
Filed September 4, 1947. Serial No. 533,265. PUBLISHED JULY 20, 1948. Class 6.

503,113. STAMP PADS AND RUBBER STAMP INK. FULTON SPECIALTY CO., Elizabeth, N. J.
Filed September 4, 1947. Serial No. 533,293. PUBLISHED JULY 20, 1948. Class 11.

503,114. WATER OR STEAM BOILERS. KEWANEE BOILER CORPORATION, Kewanee, Ill.
Filed September 4, 1947. Serial No. 533,314. PUBLISHED JULY 13, 1948. Class 34.

503,115. BOILERS, GARBAGE BURNERS, HEATERS, AND HOT WATER TANKS. KEWANEE BOILER CORPORATION, Kewanee, Ill.
Filed September 4, 1947. Serial No. 533,321. PUBLISHED JULY 13, 1948. Class 34.

503,116. LEATHER HANDBAGS FOR PHYSICIANS. G. KRUSE & COMPANY, Newark, N. J.
Filed September 4, 1947. Serial No. 533,322. PUBLISHED JUNE 29, 1948. CLASS 3.

503,117. BELTING AND HOSE COMPOSED OF RUBBER AND FABRIC. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed September 4, 1947. Serial No. 533,380. PUBLISHED JULY 20, 1948. CLASS 35.

503,118. PRINTING AND WRITING PAPER. PARSONS PAPER COMPANY, Holyoke, Mass.
Filed July 28, 1947. Serial No. 533,469. PUBLISHED JULY 6, 1948. Class 37.

503,119. LEDGER PAPER. PARSONS PAPER COMPANY, Holyoke, Mass.
Filed July 28, 1947. Serial No. 533,470. PUBLISHED JULY 6, 1948. Class 37.

503,120. GLASS MIRRORS. THE NURRE COMPANIES, INC., Bloomington, Ind.
Filed September 5, 1947. Serial No. 533,602. PUBLISHED JULY 20, 1948. Class 32.

503,121. RADIO SCRIPTS SOLD OR DISTRIBUTED AS PUBLICATIONS IN TRADE. MARTHA N. HULL, Minneapolis, Minn.
Filed September 8, 1947. Serial No. 533,744. PUBLISHED JUNE 22, 1948. Class 38.

503,122. SYNTHETIC PREPARATION FOR INDUSTRIAL USE AS A DETERGENT AND WETTING AGENT IN ADMIXTURE WITH OTHER CHEMICALS. ROSENTHAL-BERCOW CO., INC., New York, N. Y.
Filed September 8, 1947. Serial No. 533,784. PUBLISHED JUNE 1, 1948. Class 4.

503,123. POT WARP AND OTHER ROPES AND LINES OF VEGETABLE FIBRE TREATED TO RESIST BIOLOGICAL AGENTS OF DESTRUCTION. PLYMOUTH CORDAGE COMPANY, North Plymouth, Mass.
Filed September 10, 1947. Serial No. 534,050. PUBLISHED JUNE 22, 1948. Class 7.

503,124. COATED AND EMBOSSED, IMPREGNATED PAPERS, HAVING THE APPEARANCE OF SHEEPSKIN OR KID LEATHER, USED FOR SOCK LININGS AND OTHER PARTS OF FOOTWEAR. ACME BACKING CORPORATION, Brooklyn, N. Y.
Filed September 11, 1947. Serial No. 534,074. PUBLISHED JULY 6, 1948. Class 50.

503,125. COOKING AND HEATING STOVES AND FURNACES. GRAY & DUDLEY COMPANY, Nashville, Tenn.
Filed September 11, 1947. Serial No. 534,111. PUBLISHED JULY 13, 1948. Class 34.

503,126. PREPARATION, IN CAPSULE FORM, FOR THE TREATMENT OF COUGHS AND COLDS. JOHN E. RESPONDEK, Detroit, Mich.
Filed September 11, 1947. Serial No. 534,192. PUBLISHED JULY 20, 1948. Class 6.

503,127. PREPARATION FOR THE TREATMENT OF COUGHS AND COLDS. JOHN E. RESPONDEK, doing business as Health Research Laboratories, Detroit, Mich.
Filed September 11, 1947. Serial No. 534,193. PUBLISHED JULY 20, 1948. Class 6.

503,128. PHOTO PRINTS DEVELOPED FROM NEGATIVES. GIANT SNAPSHOTS, INC., Green Bay, Wis.
Filed September 12, 1947. Serial No. 534,270. PUBLISHED JULY 13, 1948. Class 38.

503,129. TROLLEY FROGS. THE OHIO BRASS COMPANY, Mansfield, Ohio.
Filed September 12, 1947. Serial No. 534,330. PUBLISHED JULY 20, 1948. Class 21.

503,130. SNAP FASTENERS, HOOKS AND EYES, AND SAFETY PINS. DRY GOODS ALLIANCE INC., New York, N. Y.
Filed September 13, 1947. Serial No. 534,422. PUBLISHED JUNE 29, 1948. Class 40.

503,131. PREPARATION FOR USE IN THE TREATMENT OF MUSCULAR ACHES AND PAINS. D. C. NALE, doing business as Rheuma-Non Co., Detroit, Mich.
Filed September 13, 1947. Serial No. 534,457. PUBLISHED JULY 20, 1948. Class 6.

503,132. GENERAL TONIC AND CONDITIONER FOR HOGS, HORSES, COWS, MULES, DOGS, AND POULTRY. DAVID HENRY ALLEN, doing business as National Hog Medicine Company, Raleigh, N. C.
Filed September 16, 1947. Serial No. 534,587. PUBLISHED JULY 20, 1948. Class 6.

503,133. OINTMENT CONTAINING 1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE. COMMERCIAL SOLVENTS CORPORATION, New York, N. Y.
Filed September 17, 1947. Serial No. 534,752. PUBLISHED MAY 4, 1948. Class 6.

503,134. STERLING SILVER FLAT-WARE AND HOLLOW-WARE. THE INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed September 17, 1947. Serial No. 534,786. PUBLISHED JUNE 29, 1948. Class 28.

503,135. CHILDREN'S PLAY PENS. TRIMBLE NURSERY-LAND FURNITURE, INC., Rochester, N. Y.
Filed September 17, 1947. Serial No. 534,840. PUBLISHED JULY 20, 1948. Class 32.

503,136. GUMMED TAPE. MCLAURIN-JONES CO., Brookfield, Mass.
Filed September 18, 1947. Serial No. 534,907. PUBLISHED JULY 20, 1948. Class 5.

503,137. MEAT SALT. THE CAREY SALT COMPANY, Hutchinson, Kans.
Filed September 20, 1947. Serial No. 535,131. PUBLISHED JULY 20, 1948. Class 6.

503,138. VENETIAN BLINDS AND STRUCTURAL PARTS THEREOF. CLOPAY CORPORATION, Cincinnati, Ohio.
Filed September 20, 1947. Serial No. 535,133. PUBLISHED JUNE 29, 1948. Class 32.

503,139. MATERIALS FOR HEATING AND HEAT TREATING METALS—NAMELY, SALTS FOR CARBURIZING, ETC. THE A. F. HOLDEN COMPANY, West Haven, Conn.
Filed September 20, 1947. Serial No. 535,154. PUBLISHED JULY 20, 1948. Class 6.

503,140. PREPARATION OF AMINO ACIDS AND POLYPEPTIDES. WYETH INCORPORATED, Philadelphia, Pa.
Filed September 20, 1947. Serial No. 535,208. PUBLISHED JUNE 29, 1948. Class 6.

503,141. SILVER-PLATED FLATWARE. CLUB ALUMINUM PRODUCTS COMPANY, Chicago, Ill.
Filed September 23, 1947. Serial No. 535,385. PUBLISHED JULY 6, 1948. Class 28.

503,142. SILVER PLATED FLATWARE AND HOLLOW-WARE. CLUB ALUMINUM PRODUCTS COMPANY, Chicago, Ill.
Filed September 23, 1947. Serial No. 535,389. PUBLISHED JUNE 29, 1948. Class 28.

503,143. FOAMING, WETTING, AND DISPERSING AGENT, ETC. MACANDREWS & FORBES COMPANY, Camden, N. J.
Filed September 23, 1947. Serial No. 535,419. PUBLISHED JUNE 22, 1948. Class 6.

503,144. LICORICE MASS FOR THE PHARMACEUTICAL TRADE. MACANDREWS & FORBES COMPANY, Camden, N. J.
Filed September 23, 1947. Serial No. 535,422. PUBLISHED JULY 20, 1948. Class 6.

503,145. COMPOUND TO BE USED AS A COUGH SYRUP AND AN HERB AND VITAMIN COMPOUND FOR USE AS A TONIC. JOHN E. RESPONDEK, doing business as St. Lawrence Company, Detroit, Mich.
Filed September 23, 1947. Serial No. 535,428. PUBLISHED JULY 20, 1948. Class 6.

503,146. JEWELRY FOR PERSONAL WEAR—NAMELY, BRACELETS, NECKLACES, EARRINGS, PINS, RINGS, AND LAVALIERS. ALBERT WEISS & CO., New York, N. Y.
Filed September 23, 1947. Serial No. 535,440. PUBLISHED JULY 6, 1948. Class 28.

503,147. JEWELRY FOR PERSONAL WEAR—NAMELY, BRACELETS, NECKLACES, EARRINGS, PINS, RINGS, AND LAVALIERS. ALBERT WEISS & CO., New York, N. Y.
Filed September 23, 1947. Serial No. 535,441. PUBLISHED JULY 6, 1948. Class 28.

503,148. CHEESE. BLUE MOON FOODS, INC., Thorp, Wis.
Filed September 24, 1947. Serial No. 535,467. PUBLISHED JULY 6, 1948. Class 46.

503,149. PREPARED OR READY-MIXED LIQUID PAINT ENAMELS AND UNDERCOATS FOR PAINT ENAMELS. J. F. KURFEES PAINT COMPANY, Louisville, Ky.
Filed September 24, 1947. Serial No. 535,555. PUBLISHED JULY 6, 1948. Class 16.

503,150. WALLETS OR BILLFOLDS. SWANK, INC., Attleboro, Mass.
Filed September 25, 1947. Serial No. 535,757. PUBLISHED JUNE 22, 1948. Class 3.

503,151. WALLETS OR BILLFOLDS. SWANK, INC., Attleboro, Mass.
Filed September 25, 1947. Serial No. 535,766. PUBLISHED JUNE 22, 1948. Class 3.

503,152. PERFUME EXTRACT, FACE POWDER, EAU DE TOILETTE, AND EAU DE COLOGNE. HOUBIGANT, INC., New York, N. Y.
Filed September 26, 1947. Serial No. 535,845. PUBLISHED JULY 6, 1948. Class 6.

503,153. CERTAIN LEATHER MANUFACTURES—NAMELY, SADDLES, HARNESSES, HORSE COLLARS, WHIPS, HORSE BLANKETS, AND COLLAR PADS. TEX TAN OF YOAKUM, Yoakum, Tex.
Filed September 26, 1947. Serial No. 535,895. PUBLISHED JUNE 8, 1948. Class 3.

503,154. FLASH LIGHTS, ELECTRIC-VAPOR AND/OR EXPLOSIVE-PROOF EXTENSION LIGHTS, STATIC ELIMINATORS, AND ELECTRIC FLASHER BEACONS. STEWART R. BROWNE MFG. CO., INC., New York, N. Y.
Filed September 27, 1947. Serial No. 535,929. PUBLISHED JULY 13, 1948. Class 21.

503,155. FLASHLIGHT CASES, EXTENSION LIGHTS, PLUGS, AND SOCKETS. STEWART R. BROWNE MFG. CO., INC., New York, N. Y.
Filed September 27, 1947. Serial No. 535,931. PUBLISHED JUNE 29, 1948. Class 21.

503,156. TIME-KEEPING INSTRUMENTS. THE WILLIAM L. GILBERT CLOCK CORPORATION, Winsted, Conn.
Filed September 27, 1947. Serial No. 535,950. PUBLISHED JUNE 22, 1948. Class 27.

503,157. EARRINGS AND EARRING BACKS. JUDITH MCCANN, doing business as Wingback Company, New York, N. Y.
Filed September 27, 1947. Serial No. 535,982. PUBLISHED JULY 6, 1948. Class 28.

503,158. SALVE FOR RELIEF OF HEAD AND CHEST COLDS, HEADACHES, BRUISES, CHAFING, TIRED FEET, INSECT BITES, AND MUSCULAR SORENESS. ALTONE CHEMICAL COMPANY, INC., New Orleans, La.
Filed September 29, 1947. Serial No. 536,029. PUBLISHED JUNE 29, 1948. Class 6.

503,159. FRESH TOMATOES. BARFIELD FARMS, Perrine, Fla.
Filed September 30, 1947. Serial No. 536,220. PUBLISHED JULY 6, 1948. Class 46.

503,160. WHITE MINERAL OILS. PENNSYLVANIA REFINING COMPANY, Butler, Pa.
Filed September 30, 1947. Serial No. 536,283. PUBLISHED JULY 20, 1948. Class 6.

503,161. FINGER RINGS—NAMELY, DIAMOND ENGAGEMENT RINGS AND WEDDING BANDS. S. AND N. KATZ, INC., Baltimore, Md.
Filed September 30, 1947. Serial No. 536,296. PUBLISHED JULY 20, 1948. Class 28.

503,162. SKIN LOTION, CLEANSING CREAM, FOUNDATION CREAM, COLD CREAM, DRY SKIN CREAM, HAND CREAM, DEODORIZING PENCIL, FACE POWDER, ROUGE, LIP STICK, AND LIQUID POWDER BASE. WRIGHT & LAWRENCE LABORATORIES, INC., Chicago, Ill.
Filed September 30, 1947. Serial No. 536,329. PUBLISHED JUNE 22, 1948. Class 6.

503,163. ADHESIVE CEMENT. TIP-TOP PRODUCTS COMPANY, Omaha, Nebr.
Filed October 1, 1947. Serial No. 536,464. PUBLISHED JULY 20, 1948. Class 5.

503,164. ELECTRONIC CONTROL APPARATUS FOR REGULATING VOLTAGE, SPEED AND FREQUENCY OF ELECTRICAL GENERATORS AND MOTORS. RAYTHEON MANUFACTURING COMPANY, Newton, Mass.
Filed October 2, 1947. Serial No. 536,549. PUBLISHED JUNE 29, 1948. Class 21.

503,165. TOILET CREAM. UNIQUE COSMETICS, INC., Binghamton, N. Y.
Filed October 2, 1947. Serial No. 536,565. PUBLISHED JULY 20, 1948. Class 6.

503,166. PROTEIN HYDROLYSATE COMPOUND FOR THERAPEUTIC USE. WYETH INCORPORATED, Philadelphia, Pa.
Filed October 2, 1947. Serial No. 536,573. PUBLISHED JULY 20, 1948. Class 6.

503,167. ELECTRIC STOVES AND RANGES. CROWN STOVE WORKS, Chicago, Ill.
Filed October 3, 1947. Serial No. 536,674. PUBLISHED JUNE 29, 1948. Class 21.

503,168. CHEWING GUM. BOWMAN GUM, INC., Philadelphia, Pa.
Filed October 4, 1947. Serial No. 536,754. PUBLISHED JULY 20, 1948. Class 46.

503,169. TELEVISION RECEIVERS. SIGHTMASTER CORP, New York, N. Y.
Filed October 4, 1947. Serial No. 536,843. PUBLISHED JULY 13, 1948. Class 21.

503,170. GLASS HEADED PINS. WILLIAM PRYM, INC., Dayville and Killingly, Conn.
Filed October 4, 1947. Serial No. 536,858. PUBLISHED APRIL 27, 1948. Class 40.

503,171. LEATHER. B. D. EISENDRATH TANNING CO., Chicago, Ill.
Filed October 7, 1947. Serial No. 537,024. PUBLISHED JULY 13, 1948. Class 1.

503,172. COAL. PAYNE COAL COMPANY, INC., Wilkes-Barre, Pa.
Filed October 7, 1947. Serial No. 537,077. PUBLISHED JULY 13, 1948. Class 1.

503,173. CORDING SEALS MADE OF BASE METAL. E. J. BROOKS COMPANY, Newark, N. J.
Filed October 8, 1947. Serial No. 537,137. PUBLISHED JULY 13, 1948. Class 25.

503,174. MEDICINAL PREPARATION TO BE USED IN THE TREATMENT OF ANEMIC CONDITIONS. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed October 9, 1947. Serial No. 537,289. PUBLISHED JULY 20, 1948. Class 6.

503,175. STORAGE BATTERIES. KEENAN AUTO PARTS COMPANY, Albany, Ga.
Filed October 9, 1947. Serial No. 537,322. PUBLISHED JUNE 29, 1948. Class 21.

503,176. ELECTRICAL INSULATED WIRE. THE PLASTIC WIRE & CABLE CORPORATION, Jewett City, Conn.
Filed October 9, 1947. Serial No. 537,354. PUBLISHED JUNE 29, 1948. Class 21.

503,177. MOTH-PROOFER AND AN INSECTICIDE. RENUZIT HOME PRODUCTS CO., also doing business as Renuzit Home Products Company, Philadelphia, Pa.
Filed October 9, 1947. Serial No. 537,363. PUBLISHED JULY 20, 1948. Class 6.

503,178. ELECTRIC WELDING MACHINES. NATIONAL ELECTRIC WELDING MACHINES CO., Bay City, Mich.
Filed October 10, 1947. Serial No. 537,475. PUBLISHED JULY 6, 1948. Class 21.

503,179. ELECTRIC FOOD AND DRINK MIXERS. JOHN OSTER MANUFACTURING CO., Racine, Wis.
Filed October 10, 1947. Serial No. 537,497. PUBLISHED JUNE 29, 1948. Class 21.

503,180. INSECTICIDES. ESTON CHEMICALS, INC., Los Angeles, Calif.
Filed October 13, 1947. Serial No. 537,673. PUBLISHED JULY 6, 1948. Class 6.

503,181. DENTAL PLATE POWDER. S. PFEIFFER MFG. CO., St. Louis, Mo.
Filed October 13, 1947. Serial No. 537,731. PUBLISHED JULY 6, 1948. Class 6.

503,182. BATTERY CHARGERS. LORAIN PRODUCTS CORPORATION, Lorain, Ohio.
Filed October 15, 1947. Serial No. 537,906. PUBLISHED JULY 6, 1948. Class 21.

503,183. BATTERY CHARGERS. LORAIN PRODUCTS CORPORATION, Lorain, Ohio.
Filed October 15, 1947. Serial No. 537,907. PUBLISHED JUNE 29, 1948. Class 21.

503,184. BATTERY CHARGERS. LORAIN PRODUCTS CORPORATION, Lorain, Ohio.
Filed October 15, 1947. Serial No. 537,908. PUBLISHED JUNE 29, 1948. Class 21.

503,185. FILLED COMPACTS. COTY, INC., New York, N. Y.
Filed October 17, 1947. Serial No. 538,103. PUBLISHED JUNE 22, 1948. Class 6.

503,186. FIREBOX LININGS FOR STOVES. MAJESTIC MANUFACTURING COMPANY, St. Louis, Mo.
Filed October 18, 1947. Serial No. 538,308. PUBLISHED JULY 20, 1948. Class 34.

503,187. DRYING OIL USED IN THE MANUFACTURE OF PAINT, VARNISHES AND PRINTING INKS. BROWN OIL & CHEMICAL CORP., New York and Staten Island, N. Y.
Filed October 21, 1947. Serial No. 538,492. PUBLISHED JULY 20, 1948. Class 6.

503,188. ELECTRIC MOTORS. GRIFFITH TOOL & MANUFACTURING CO., Paterson, N. J.
Filed October 21, 1947. Serial No. 538,552. PUBLISHED JULY 6, 1948. Class 21.

503,189. SODIUM LIGNOSULFONATE USED FOR BOILER WATER TREATMENT. MARATHON CORPORATION, Rothschild, Wis.
Filed October 22, 1947. Serial No. 538,648. PUBLISHED JUNE 22, 1948. Class 6.

503,190. BASIC CALCIUM LIGNOSULFONATE USED AS ADDITIVE FOR CEMENTS AND CERAMICS. MARATHON CORPORATION, Rothschild, Wis.
Filed October 22, 1947. Serial No. 538,649. PUBLISHED JUNE 29, 1948. Class 6.

503,191. PARTIALLY DESULFONATED SODIUM LIGNOSULFONATE COMPOUNDS USED AS DISPERSING AGENTS. MARATHON CORPORATION, Rothschild, Wis.
Filed October 22, 1947. Serial No. 538,650. PUBLISHED JUNE 22, 1948. Class 6.

503,192. COUGH AND CROUP REMEDY. THE GLESSNER COMPANY, Findlay, Ohio.
Filed October 23, 1947. Serial No. 538,751. PUBLISHED JULY 6, 1948. Class 6.

503,193. BUSINESS PUBLICATION WHICH IS ISSUED AT INTERVALS. LEWYT CORPORATION, New York, N. Y.
Filed October 23, 1947. Serial No. 538,794. PUBLISHED JULY 6, 1948. Class 38.

503,194. PERFUME AND TOILET WATER, FACE POWDER, TALCUM POWDER, DUSTING POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIPSTICKS, PERFUME SACHET IN POWDER FORM, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS. HOUBIGANT, INC., New York, N. Y.
Filed October 24, 1947. Serial No. 538,931. PUBLISHED JULY 6, 1948. Class 6.

503,195. VITAMIN PREPARATIONS IN TABLET, CAPSULE, WAFER, AND LIQUID FORMS AND DRIED YEAST CONTAINING VITAMIN B COMPLEX. THE DE PREE COMPANY, Holland, Mich.
Filed October 25, 1947. Serial No. 539,034. PUBLISHED JULY 13, 1948. Class 6.

503,196. SUNBURN PREVENTIVE LOTION. DOYLE LABORATORIES, INC., Santa Monica, Calif.
Filed October 27, 1947. Serial No. 539,138. PUBLISHED JULY 6, 1948. Class 6.

503,197. WELDING TRANSFORMERS, PORTABLE ELECTRIC SPOT WELDING GUNS, AND RESISTANCE WELDING APPARATUS. MARTIN ELECTRIC CORPORATION, doing business as Martin Electric Company, Detroit, Mich.
Filed October 27, 1947. Serial No. 539,190. PUBLISHED JULY 13, 1948. Class 21.

503,198. REAGENT CHEMICALS. GENERAL CHEMICAL COMPANY, New York, N. Y., now by merger Allied Chemical & Dye Corporation, a corporation of New York.
Filed October 28, 1947. Serial No. 539,304. PUBLISHED JULY 20, 1948. Class 6.

503,199. PROTEINIC PREPARATION USEFUL IN THE TREATMENT AND PREVENTION OF METABOLIC AND NUTRITIONAL DEFICIENCIES AND RUNDOWN CONDITIONS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed October 28, 1947. Serial No. 539,355. PUBLISHED JULY 20, 1948. Class 6.

503,200. ANTI-FREEZE COMPOUND. FLEET OIL COMPANY, La Follette, Tenn.
Filed October 30, 1947. Serial No. 539,509. PUBLISHED JULY 6, 1948. Class 6.

503,201. ARTIFICIAL BRICK SIDING. DANT & RUSSELL, INC., Portland, Oreg.
Filed October 31, 1947. Serial No. 539,670. PUBLISHED JUNE 29, 1948. Class 12.

503,202. TOILET WATER RECOMMENDED FOR REFRESHING AND SCENTING THE SKIN; FOR MASSAGING THE BODY, ETC. LANMAN & KEMP-BARCLAY & CO., INCORPORATED, New York, N. Y.
Filed October 31, 1947. Serial No. 539,719. PUBLISHED JULY 20, 1948. Class 6.

503,203. SUITCASES, HAND LUGGAGE CASES EQUIPPED WITH GARMENT CARRYING FIXTURES, AND WARDROBE SUITCASES. HARTMANN COMPANY, Racine, Wis.
Filed November 1, 1947. Serial No. 539,876. PUBLISHED JUNE 15, 1948. Class 3.

503,204. CEMENTS FOR USE IN JOINING AND THE REPAIR OF CHINA, GLASS, WOOD, CELLULOID, METAL, TILE, AND RUBBER. BOYLE-MIDWAY INC., Jersey City, N. J.
Filed November 3, 1947. Serial No. 539,934. PUBLISHED JULY 20, 1948. Class 5.

503,205. PERFUME, TOILET WATERS, LIPSTICKS, FACE POWDERS, TOILET CREAMS, AND ROUGE. LES PARFUMS DE DANA, INC., New York, N. Y.
Filed November 3, 1947. Serial No. 539,965. PUBLISHED JULY 6, 1948. Class 6.

503,206. SOAP. ARMOUR AND COMPANY, Chicago, Ill.
Filed November 4, 1947. Serial No. 540,021. PUBLISHED JULY 20, 1948. Class 4.

503,207. CHEMICAL COMPOUNDS IN LIQUID FORM FOR USE AS RUST PREVENTIVES, CORROSION SOLVENTS, AND PROTECTIVE FINISH COATINGS FOR METAL. INTERNATIONAL RUSTPROOF CORPORATION, Cleveland, Ohio.
Filed November 4, 1947. Serial No. 540,073. PUBLISHED JULY 20, 1948. Class 6.

503,208. GLUE. PERKINS GLUE COMPANY, Lansdale, Pa.
Filed November 5, 1947. Serial No. 540,199. PUBLISHED JULY 20, 1948. Class 5.

503,209. STERLING SILVER FLATWARE AND HOLLOW WARE. THE EASTERLING COMPANY, Chicago, Ill.
Filed November 6, 1947. Serial No. 540,265. PUBLISHED JUNE 22, 1948. Class 28.

503,210. COMIC STRIP. GENERAL FEATURES CORPORATION, New York, N. Y.
Filed November 6, 1947. Serial No. 540,272. PUBLISHED JUNE 15, 1948. Class 38.

503,211. PERFUMES. HELENA RUBINSTEIN, INC., New York, N. Y.
Filed November 7, 1947. Serial No. 540,458. PUBLISHED JULY 20, 1948. Class 6.

503,212. FABRIC CEMENT. JOHN C. TRUEMPER, doing business as American Tent & Awning Co., Indianapolis, Ind.
Filed November 7, 1947. Serial No. 540,484. PUBLISHED JULY 20, 1948. Class 5.

503,213. TWINE, ROPE, AND CORD. A. W. ARCHER CO. INC., New York, N. Y.
Filed November 12, 1947. Serial No. 540,761. PUBLISHED JUNE 15, 1948. Class 7.

503,214. SODIUM CYANIDE USED PRINCIPALLY IN THE MANUFACTURE OF OTHER CHEMICALS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed November 12, 1947. Serial No. 540,797. PUBLISHED JULY 6, 1948. Class 6.

503,215. CREAM FOR TREATMENT, OR RELIEF, OF DIAPER RASH. J. STANLEY JOHNSON, Hagerstown, Md., assignor to Didex Corporation, New York, N. Y., a corporation of New York.
Filed November 12, 1947. Serial No. 540,820. PUBLISHED JULY 20, 1948. Class 6.

503,216. FRICTION TAPE, A FABRIC IMPREGNATED WITH AN ADHESIVE RUBBER COMPOUND. PLYMOUTH RUBBER COMPANY, INC., Canton, Mass.
Filed November 12, 1947. Serial No. 540,868. PUBLISHED JULY 20, 1948. Class 5.

503,217. FRICTION TAPE, A FABRIC IMPREGNATED WITH AN ADHESIVE RUBBER COMPOUND. PLYMOUTH RUBBER COMPANY, INC., Canton, Mass.
Filed November 12, 1947. Serial No. 540,869. PUBLISHED JULY 20, 1948. Class 5.

503,218. FATTY ACID ESTER-AMIDES. ARMOUR AND COMPANY, Chicago, Ill.
Filed November 13, 1947. Serial No. 540,964. PUBLISHED JULY 20, 1948. Class 6.

503,219. PLAIN PETROLEUM JELLY, PERFUMED PETROLEUM JELLIES AND MEDICATED PETROLEUM JELLIES, ETC. CHESEBROUGH MANUFACTURING COMPANY CONSOLIDATED, New York, N. Y.
Filed November 13, 1947. Serial No. 540,981. PUBLISHED JULY 20, 1948. Class 6.

503,220. LADIES' AND MISSES' HANDBAGS OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. GAYBRAND BAGS, INC., New York, N. Y.
Filed November 14, 1947. Serial No. 541,127. PUBLISHED JUNE 15, 1948. Class 3.

503,221. COTTON ROPE, MANILA ROPE, HEMP TWINE, COTTON TWINE, AND SEINE TWINE. FRANK W. WINNE & SON, INC., Philadelphia, Pa.
Filed November 14, 1947. Serial No. 541,241. PUBLISHED JUNE 15, 1948. Class 7.

503,222. SASH CORD, CLOTHESLINES, AND COTTON TWINE. FRANK W. WINNE & SON, INC., Philadelphia, Pa.
Filed November 14, 1947. Serial No. 541,242. PUBLISHED JUNE 15, 1948. Class 7.

503,223. CLOTHESLINES AND COTTON TWINE. FRANK W. WINNE & SON, INC., Philadelphia, Pa.
Filed November 14, 1947. Serial No. 541,243. PUBLISHED JUNE 15, 1948. Class 7.

503,224. MAKE-UP POWDER, FACE CREAMS, FACE LOTIONS, FACE POWDER, LIPSTICKS, ROUGE, MASCARA, EYE SHADOW, DEODORANTS, HAND CREAMS AND HAND LOTIONS. ELMO SALES CORPORATION, Philadelphia, Pa.
Filed November 15, 1947. Serial No. 541,271. PUBLISHED JULY 6, 1948. Class 6.

503,225. MEDICINAL PREPARATION OF BENZYL BENZOATE COMPOUND, TOPICAL, FOR USE IN THE TREATMENT OF SCABIES AND PEDICULOSIS. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed November 15, 1947. Serial No. 541,308. PUBLISHED JULY 13, 1948. Class 6.

503,226. OIL SHAMPOO TINT FOR THE HAIR. MAPEIL, INC., New York, N. Y.
Filed November 17, 1947. Serial No. 541,434. PUBLISHED JULY 20, 1948. Class 6.

503,227. CAMPHOR USED FOR MEDICINAL PURPOSES. SHEEKA CHEMICAL COMPANY, INC., Bloomfield, N. J.
Filed November 18, 1947. Serial No. 541,590. PUBLISHED JULY 20, 1948. Class 6.

503,228. BRACELETS, WRIST WATCH BRACELETS, NOT INCLUDING WATCHES. BRUNER-RITTER, INC., New York, N. Y.
Filed November 19, 1947. Serial No. 541,641. PUBLISHED JULY 20, 1948. Class 28.

503,229. HOSE. QUAKER RUBBER CORPORATION, Philadelphia, Pa.
Filed November 19, 1947. Serial No. 541,705. PUBLISHED JULY 20, 1948. Class 35.

503,230. REFINED, SEMI-REFINED AND UNREFINED OILS AND GREASES MADE FROM PETROLEUM, ETC. SINCLAIR REFINING COMPANY, New York, N. Y.
Filed December 31, 1947. Serial No. 541,751. PUBLISHED JULY 20, 1948. Class 15.

503,231. FISH LIVER OILS CONTAINING VITAMINS A AND D, ETC. MEAD JOHNSON & COMPANY, Evansville, Ind.
Filed July 22, 1947. Serial No. 541,756. PUBLISHED JULY 20, 1948. Class 6.

503,232. LUGGAGE—NAMELY, COSMETIC CASES, VICTORIA CASES, JEWEL CASES, BRIEF CASES, PULLMAN CASES, ETC. DANIEL H. MENDELSON, doing business as Vogue Luggage Co., Chicago, Ill.
Filed November 20, 1947. Serial No. 541,856. PUBLISHED JUNE 15, 1948. Class 3.

503,233. THREAD. THE AMERICAN THREAD COMPANY, New York, N. Y.
Filed November 21, 1947. Serial No. 541,908. PUBLISHED JUNE 8, 1948. Class 43.

503,234. TRANSMISSION BELTING. THERMOID COMPANY, Trenton, N. J.
Filed November 21, 1947. Serial No. 541,983. PUBLISHED JULY 20, 1948. Class 35.

503,235. STRONGBOXES. BEMIS & CALL COMPANY, Springfield, Mass.
Filed November 22, 1947. Serial No. 541,996. PUBLISHED JUNE 8, 1948. Class 25.

503,236. FACE POWDERS, HAIR OIL, HAIR TONIC, HAIR POMADE, ETC. DANIEL W. BROWN, doing business as Besar Products Company, Los Angeles, Calif.
Filed November 24, 1947. Serial No. 542,074. PUBLISHED JULY 20, 1948. Class 6.

503,237. CIGARS. GRADIAZ, ANNIS & CO., INC., Tampa, Fla.
Filed November 24, 1947. Serial No. 542,122. PUBLISHED JULY 27, 1948. Class 17.

503,238. YARNS WHOLLY OR MAINLY OF WOOL, WORSTED, OR HAIR. GEORGE LEE & SONS LIMITED, Westgate, Wakefield, England.
Filed November 24, 1947. Serial No. 542,143. PUBLISHED JUNE 22, 1948. Class 43.

503,239. GOLD PLATING SOLUTIONS. BENJAMIN ROBINSON, doing business as A. Robinson & Son, New York, N. Y.
Filed November 24, 1947. Serial No. 542,172. PUBLISHED JULY 20, 1948. Class 6.

503,240. LIQUID PREPARATIONS USEFUL AS AN ANTACID AND ADSORBENT IN THE TREATMENT OF SYMPTOMATIC GASTRIC HYPERACIDITY. MCNEIL LABORATORIES, INCORPORATED, Philadelphia, Pa.
Filed November 26, 1947. Serial No. 542,476. PUBLISHED JULY 13, 1948. Class 6.

503,241. MECHANO-ELECTRIC ENERGY TRANSDUCERS—NAMELY, PHONOGRAPH PICK-UPS AND PARTS AND ACCESSORIES THEREFOR. SONOTONE CORPORATION, Elmsford, N. Y.
Filed November 28, 1947. Serial No. 542,672. PUBLISHED JULY 20, 1948. Class 21.

503,242. STOMACH POWDERS. DAVID A. MOLINARI, doing business as The Gasnil Co., San Francisco, Calif.
Filed December 2, 1947. Serial No. 542,960. PUBLISHED JULY 20, 1948. Class 6.

503,243. BOTTLE CLOSURES (OTHER THAN THE SPECIFIC TYPE CONVENTIONALLY TERMED "CROWN CAPS")—NAMELY, SCREW CAPS, LUG CAPS, AND FRICTION CAPS. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md.
Filed August 28, 1947. Serial No. 542,999. PUBLISHED JULY 20, 1948. Class 50.

503,244. HYDROGENATED LANOLIN USED FOR COSMETICS. GIVAUDAN-DELAWANNA, INC., New York, N. Y.
Filed September 30, 1947. Serial No. 543,039. PUBLISHED JULY 20, 1948. Class 6.

503,245. JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES. J. J. WHITE MANUFACTURING CO., Providence, R. I.
Filed September 30, 1947. Serial No. 543,040. PUBLISHED JUNE 29, 1948. Class 28.

503,246. PERIODICAL PUBLISHED AT INTERVALS. PROSPERITY INSTITUTE, INC., New York, N. Y.
Filed December 2, 1947. Serial No. 543,046. PUBLISHED JULY 13, 1948. Class 38.

503,247. ANTIBIOTIC IN INJECTIBLE DOSAGE FORM. WYETH INCORPORATED, Philadelphia, Pa.
Filed December 3, 1947. Serial No. 543,248. PUBLISHED JULY 20, 1948. Class 6.

503,248. CLOCKS, CLOCK-MOVEMENTS AND PARTS THEREOF. THE SESSIONS CLOCK COMPANY, Forestville, Conn.
Filed December 4, 1947. Serial No. 543,329. PUBLISHED JULY 13, 1948. Class 27.

503,249. ELECTROLYTIC CONDENSERS, MICA CONDENSERS, TUBULAR CONDENSERS, OIL CONDENSERS, WAX CONDENSERS, AND RESISTORS. AEROVOX CORPORATION, New Bedford, Mass.
Filed October 11, 1947. Serial No. 543,368. PUBLISHED JULY 20, 1948. Class 21.

503,250. MAGAZINE DEVOTED TO RODEOS, RANCHING, ETC. HOOFS AND HORNS PUBLISHING CO., INC., Tucson, Ariz.
Filed December 5, 1947. Serial No. 543,452. PUBLISHED JUNE 22, 1948. Class 38.

503,251. PREPARATIONS FOR COLDS AND RESPIRATORY ILLS OF POULTRY AND BIRDS. WILLIAM W. LEE & CO., INC., Watervliet, N. Y.
Filed December 5, 1947. Serial No. 543,476. PUBLISHED JULY 6, 1948. Class 6.

503,252. HAIR TONIC AND SHAMPOO. R. B. SEMLER, INC., New Canaan, Conn.
Filed December 5, 1947. Serial No. 543,533. PUBLISHED JULY 20, 1948. Class 6.

503,253. COLLOIDAL SOLUTION COMPRISING AN OXIDE OF SILICON IN WATER, ETC. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed December 6, 1947. Serial No. 543,577. PUBLISHED JULY 20, 1948. Class 6.

503,254. FERROUS GLUCONATE PRODUCT FOR THE TREATMENT OF IRON DEFICIENCY ANEMIAS. NION CORPORATION, Los Angeles, Calif.
Filed December 6, 1947. Serial No. 543,649. PUBLISHED JULY 20, 1948. Class 6.

503,255. SUITCASES. ABEL & BACH, INC., Milwaukee, Wis.
Filed December 8, 1947. Serial No. 543,676. PUBLISHED JULY 6, 1948. Class 3.

503,256. SUITCASES, HAND LUGGAGE CASES EQUIPPED WITH GARMENT CARRYING FIXTURES, AND WARDROBE SUITCASES. HARTMANN COMPANY, Racine, Wis.
Filed December 8, 1947. Serial No. 543,712. PUBLISHED JULY 6, 1948. Class 3.

503,257. MEDICINAL PREPARATION FOR USE AS AN ANTIHISTAMINIC. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed December 9, 1947. Serial No. 543,851. PUBLISHED JULY 20, 1948. Class 6.

503,258. MEDICINAL PREPARATION FOR THE TREATMENT OF VITAMIN AND NUTRITIONAL DEFICIENCIES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed December 9, 1947. Serial No. 543,852. PUBLISHED JULY 20, 1948. Class 6.

503,259. HAIR TONIC, HAIR SHAMPOO, HAIR LACQUER, HAIR RINSE, FACIAL CLEANSING CREAM, FACIAL TEXTURE CREAM, HAND LOTION, OIL POLISH REMOVER, ORAL ANTISEPTIC, FORMALDEHYDE. HARF, INC., Hilltown, Pa.
Filed December 10, 1947. Serial No. 543,920. PUBLISHED JULY 20, 1948. Class 6.

503,260. VEHICLE CONSISTING OF PROPYLENE GLYCOL, ETC. MCNEIL LABORATORIES, INCORPORATED, Philadelphia, Pa.
Filed December 11, 1947. Serial No. 544,097. PUBLISHED JULY 20, 1948. Class 6.

503,261. PREPARATION FOR THE TREATMENT OF HAIR AND SCALP DISORDERS. HARRY D. BAKER, doing business as Four Daisies, Lewistown, Mont.
Filed December 18, 1947. Serial No. 544,691. PUBLISHED JULY 20, 1948. Class 6.

503,262. PALATABLE, BALANCED COMBINATION OF PROTEIN HYDROLYSATES WITH ADDED VITAMIN B1, ETC. REED & CARNRICK, Jersey City, N. J.
Filed December 18, 1947. Serial No. 544,766. PUBLISHED JULY 20, 1948. Class 6.

503,263. VOLATILE MOTHPROOFING CHEMICAL IN CAKELIKE FORM. IRWIN-WILLERT COMPANY, East St. Louis, Ill.
Filed December 19, 1947. Serial No. 544,868. PUBLISHED JULY 20, 1948. Class 6.

503,264. KEY CASES. FUTURE PRODUCTS, INC., Chicago, Ill.
Filed December 22, 1947. Serial No. 545,125. PUBLISHED JULY 6, 1948. Class 3.

503,265. PERIODICAL. HART SCHAFFNER & MARX, Chicago, Ill.
Filed December 22, 1947. Serial No. 545,171. PUBLISHED JULY 20, 1948. Class 38.

503,266. WALLETS, BILLFOLDS, PURSES, POCKETBOOKS, AND COMBINATION PURSES AND BILLFOLDS. ARISTOCRAT LEATHER PRODUCTS, INC., New York, N. Y.
Filed December 23, 1947. Serial No. 545,214. PUBLISHED JULY 27, 1948. Class 3.

503,267. SUIT CASES, TRAVELING BAGS, PORTFOLIOS, WARDROBES, OVERNIGHT BAGS, AND TRUNKS. LIKLY LUGGAGE CO., INC., New York, N. Y.
Filed December 23, 1947. Serial No. 545,268. PUBLISHED JULY 27, 1948. Class 3.

503,268. TABLETS FOR THE TREATMENT OF THE LIVER. FELLOWS MEDICAL MANUFACTURING COMPANY, INC., New York, N. Y.
Filed December 30, 1947. Serial No. 545,732. PUBLISHED JULY 6, 1948. Class 6.

503,269. DISINFECTANT AND PINE OIL DISINFECTANT. THE GREAT AMERICAN TEA COMPANY, New York, N. Y.
Filed December 31, 1947. Serial No. 545,845. PUBLISHED JULY 6, 1948. Class 6.

503,270. MEDICATED SKIN LOTION. HENRY E. FREEMAN, New York, N. Y.
Filed January 2, 1948. Serial No. 545,978. PUBLISHED JULY 6, 1948. Class 6.

503,271. VITAMIN TABLETS WITH MINERAL CONTENT INCLUDED. JAN-WIL, INC., Barrington, Ill.
Filed January 7, 1948. Serial No. 546,395. PUBLISHED JULY 6, 1948. Class 6.

503,272. PREPARATION USED IN THE TREATMENT OF CANCER, TUBERCULOSIS, DIABETES, TOXIC GOITER, AND INFANTILE PARALYSIS. WILLIAM FREDERICK KOCH, doing business as Koch Laboratories, Detroit, Mich.
Filed January 14, 1948. Serial No. 547,001. PUBLISHED JULY 6, 1948. Class 6.

503,273. PREPARATION USED IN THE TREATMENT OF CANCER, TUBERCULOSIS, DIABETES, TOXIC GOITER, AND INFANTILE PARALYSIS. WILLIAM FREDERICK KOCH, doing business as Koch Laboratories, Detroit, Mich.
Filed January 14, 1948. Serial No. 547,002. PUBLISHED JULY 6, 1948. Class 6.

503,274. PREPARATION FOR ALLERGY-NEOPLASIA INFECTIONS. WILLIAM FREDERICK KOCH, doing business as Koch Laboratories, Detroit, Mich.
Filed January 14, 1948. Serial No. 547,003. PUBLISHED JULY 6, 1948. Class 6.

503,275. PREPARATION USED IN THE TREATMENT OF CANCER, TUBERCULOSIS, DIABETES, TOXIC GOITER, AND INFANTILE PARALYSIS. WILLIAM FREDERICK KOCH, doing business as Koch Laboratories, Detroit, Mich.
Filed January 14, 1948. Serial No. 547,004. PUBLISHED JULY 6, 1948. Class 6.

503,276. PENICILLIN PREPARATION FOR USE AS ANTI-BIOTIC. WILLIAM R. WARNER & CO., INC., New York, N. Y.
Filed January 14, 1948. Serial No. 547,078. PUBLISHED JULY 20, 1948. Class 6.

503,277. PERIODICAL PUBLICATION OF THE COMIC BOOK TYPE. AMERICAN BOYS' COMICS, INC., New York, N. Y.
Filed January 26, 1948. Serial No. 547,958. PUBLISHED JULY 6, 1948. Class 38.

503,278. PERIODICAL PUBLICATIONS PUBLISHED AND DISTRIBUTED FROM TIME TO TIME. AMERICAN BITUMULS COMPANY, Wilmington, Del., and San Francisco, Calif.
Filed January 27, 1948. Serial No. 548,042. PUBLISHED JULY 6, 1948. Class 38.

503,279. PREPARATION USEFUL IN THE TREATMENT OF VETERINARY UTERINE AND VAGINAL AILMENTS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed January 27, 1948. Serial No. 548,108. PUBLISHED JULY 20, 1948. Class 6.

503,280. PRINTED LABELS FOR PACKAGED FOODS. THE UNITED STATES PRINTING & LITHOGRAPH COMPANY, Norwood, Ohio.
Filed January 30, 1948. Serial No. 548,431. PUBLISHED JULY 6, 1948. Class 38.

503,281. SOAP. ARMOUR AND COMPANY, Chicago, Ill.
Filed January 31, 1948. Serial No. 548,466. PUBLISHED JULY 13, 1948. Class 4.

503,282. MONTHLY MAGAZINE. THE CONDE NAST PUBLICATIONS, INC., New York, N. Y.
Filed January 31, 1948. Serial No. 548,482. PUBLISHED JULY 6, 1948. Class 38.

503,283. PERIODICAL. AMERICAN TRADE JOURNALS, INC., Los Angeles, Calif.
Filed February 2, 1948. Serial No. 548,558. PUBLISHED JULY 6, 1948. Class 38.

503,284. PERIODICAL. AMERICAN TRADE JOURNALS, INC., Los Angeles, Calif.
Filed February 2, 1948. Serial No. 548,559. PUBLISHED JULY 6, 1948. Class 38.

503,285. MAGAZINE OR PERIODICAL PUBLISHED MONTHLY. THE BILLBOARD PUBLISHING CO., Cincinnati, Ohio, and New York, N. Y.
Filed February 6, 1948. Serial No. 548,909. PUBLISHED JULY 6, 1948. Class 38.

503,286. CLEANING PREPARATION FOR DISHES, POTS, PANS, AND GLASSWARE. WEST DISINFECTING COMPANY, Long Island City, N. Y.
Filed February 6, 1948. Serial No. 549,032. PUBLISHED JULY 20, 1948. Class 4.

503,287. MEDICATED THROAT TROCHES, OR LOZENGES. WHITE LABORATORIES, INC., Newark, N. J.
Filed February 25, 1948. Serial No. 550,571. PUBLISHED JULY 13, 1948. Class 6.

503,288. PERFUMES, EAU DE COLOGNE, BATH SALTS, ETC. WOLFF FRERES, INC., New York, N. Y.
Filed March 4, 1948. Serial No. 551,176. PUBLISHED JULY 20, 1948. Class 6.

503,289. LIQUID CHEMICAL FOR USE IN REMOVING WALLPAPER. LAWRENCE E. STRAUB, doing business as Superior Products Company, Columbus, Ohio.
Filed March 8, 1948. Serial No. 551,492. PUBLISHED JULY 13, 1948. Class 6.

503,290. INTERLEAVING PAPER. S. D. WARREN COMPANY, Boston, Mass.
Filed December 12, 1947. Serial No. 552,831. PUBLISHED JULY 13, 1948. Class 37.

Certification Marks

503,291. LIVING ROOM FURNITURE—NAMELY, CHAIRS, SOFAS, LOVE SEATS, OPEN ARM CHAIRS, ETC. GORDON OBRIG ASSOCIATES, INC., New York, N. Y.
Filed August 19, 1947. Serial No. 531,821. PUBLISHED JULY 13, 1948. Class 32.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

503,292. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN LUCAS & COMPANY, INCORPORATED, Philadelphia, Pa. Filed July 21, 1947. Serial No. 497,032.

KILWEDE

FOR HERBICIDES AND FUNGICIDES.
Claims use since Oct. 9, 1945.

503,293. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) NIELSEN EMBROIDERY WORKS, New York, N. Y. Filed Mar. 17, 1948. Serial No. 497,035.

"SEW EASY"

FOR TRIMMINGS—NAMELY, COLORED EMBROIDERY BANDS USED FOR DECORATIVE PURPOSES ON CLOTHING.
Claims use since Jan. 18, 1946.

503,294. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) JOSEPH S. YARROW, New York, N. Y. Filed Mar. 9, 1948. Serial No. 498,742.

Linger-Lite

FOR ELECTRIC LIGHTS WHICH MAY SELECTIVELY BE IMMEDIATELY EXTINGUISHED OR SET TO GLOW FOR A PREDETERMINED PERIOD AND AUTOMATICALLY THEN BECOME EXTINGUISHED.
Claims use since Mar. 9, 1946.

503,295. (CLASS 38. PRINTS AND PUBLICATIONS.) TRANSPORTATION PUBLISHING AND RESEARCH CORPORATION, Jackson Heights, N. Y. Filed Feb. 19, 1948. Serial No. 500,332.

BUSINESS TRAVELER

FOR PUBLICATION ISSUED PERIODICALLY CONTAINING TRANSPORTATION SCHEDULES AND TRAVEL INFORMATION.
Claims use since Feb. 4, 1946.

503,296. (CLASS 32. FURNITURE AND UPHOLSTERY.) LOUIS H. FARBER, Chicago, Ill. Filed Mar. 11, 1948. Serial No. 502,205.

HANG-A-FILE

FOR FILING DEVICES CONSISTING OF CABINETS AND PERMANENT FILING FOLDERS THEREFOR.
Claims use since Oct. 15, 1945.

503,297. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) BREUER ELECTRIC MFG. COMPANY, Chicago, Ill. Filed Nov. 8, 1947. Serial No. 502,422.

DUSTITE

FOR PORTABLE ELECTRIC BLOWERS FOR CLEANING MOTORS, MACHINERY AND OTHER INTRICATE EQUIPMENT.
Claims use since Feb. 27, 1946.

503,298. (CLASS 15. OILS AND GREASES.) MIRACLE LUBRICATING CORPORATION, Detroit, Mich., assignee of Miracle Lubricating Company. Filed Feb. 6, 1948. Serial No. 502,709.

PUTS THE "PURR" IN PERFORMANCE

FOR LUBRICATING OILS CONTAINING COLLOIDAL GRAPHITE IN SUSPENSION.
Claims use since Apr. 1, 1946.

503,299. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) CLARENCE G. MUEHLFELD, Saginaw, Mich. Filed July 23, 1948. Serial No. 504,060.

AUTOMATIC EGG MAID HEN'S NESTS

FOR HEN'S NESTS.
Claims use since Feb. 28, 1946.

503,300. (CLASS 43. THREAD AND YARN.) HEIRLOOM NEEDLEWORK GUILD, INC., New York, N. Y. Filed Dec. 23, 1947. Serial No. 504,671.

SUPER-GLO

FOR PLASTIC AND RAYON CORDE.
Claims use since Apr. 26, 1946.

503,301. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) GENERAL OZONE CORPORATION, Chicago, Ill. Filed May 5, 1948. Serial No. 506,030.

Air Clear

FOR ELECTRICAL OZONE GENERATING MACHINES.
Claims use since June 7, 1946.

503,302. (CLASS 38. PRINTS AND PUBLICATIONS.) T. A. ROGERS, doing business as Rogers Publishing Company, Detroit, Mich. Filed Mar. 25, 1948. Serial No. 506,475.

DESIGN NEWS

FOR MONTHLY PUBLICATION.
Claims use since Mar. 2, 1946.

503,303. (CLASS 38. PRINTS AND PUBLICATIONS.) MARKING DEVICES PUBLISHING CO., Chicago, Ill. Filed Apr. 5, 1948. Serial No. 506,822.

MARKING INDUSTRY

Applicant claims ownership of registration No. 393,018.
FOR A MONTHLY MAGAZINE.
Claims use since June 1, 1946.

503,304. (CLASS 43. THREAD AND YARN.) PLYMOUTH WHOLESALE DRY GOODS CORPORATION, New York, N. Y. Filed Feb. 19, 1948. Serial No. 509,457.

Carroll HOUSE

FOR KNITTING YARNS OF WOOL AND WORSTED.
Claims use since Aug. 23, 1946.

503,305. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WILLIAM E. WRIGHT & SONS COMPANY, West Warren, Mass. Filed Mar. 11, 1948. Serial No. 509,903.

PRINTRIM

FOR TAPES USED FOR DRESS TRIMMINGS.
Claims use since Sept. 5, 1946.

503,306. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) CLIFFORD M. LARSON, doing business as Larcliff, New Rochelle, N. Y. Filed Feb. 6, 1948. Serial No. 509,945.

LARCLIFF
Knit-N-Rule

FOR KNITTING NEEDLES FOR HAND USE.
Claims use since Aug. 30, 1946.

503,307. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ST. LOUIS MUSIC SUPPLY CO., St. Louis, Mo. Filed Nov. 10, 1947. Serial No. 511,768.

Delmar

FOR ELECTRIC SOUND EQUIPMENT—NAMELY, RADIO-RECEIVING SETS, RADIO-PHONOGRAPH COMBINATIONS, AND PARTS THEREFOR.
Claims use since Oct. 25, 1946.

503,308. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HOMER L. PHILLIPS, Charleston, W. Va. Filed Nov. 12, 1947. Serial No. 513,201.

PHILLIPS

FOR AN INSTRUMENT INSERTED IN ARC LAMPS HAVING AS ITS PURPOSE A SAVING AND FURTHER UTILIZATION OF THE CARBON JAWS OF THE ARC LAMP.
Claims use since Sept. 15, 1946.

503,309. (CLASS 38. PRINTS AND PUBLICATIONS.) HAIRE PUBLISHING COMPANY, New York, N. Y. Filed Sept. 17, 1947. Serial No. 513,244.

HOME FASHIONS REPORTER

Applicant claims ownership of registration No. 424,113.
FOR SECTION IN A TRADE PUBLICATION.
Claims use since Sept. 1, 1946.

503,310. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RUBEN Q. MARTINEZ, doing business as Mor-Dye Products, San Antonio, Tex. Filed Jan. 12, 1948. Serial No. 515,319.

MOR-DYE

FOR DYE STUFF FOR FABRICS.
Claims use since Sept. 24, 1946.

503,311. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JOSEPH THAMM, New York, N. Y. Filed Nov. 8, 1947. Serial No. 515,729.

STA WITE

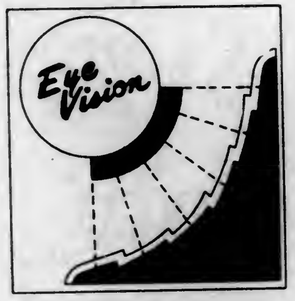
FOR POLISHING COMPOUND FOR WHITE, HARD, ENAMELED SURFACES.
Claims use since November 1941.

503,312. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) TOLEDO HEATER COMPANY, Toledo, Ohio. Filed Nov. 17, 1947. Serial No. 518,491.

Toledo

FOR OIL FIRED HEATING EQUIPMENT—NAMELY, OIL FIRED WATER HEATERS, OIL FIRED HOT AIR FURNACES, OIL FIRED UNIT SPACE HEATERS, AND OIL FIRED UNIT HEATERS.
Claims use since Sept. 20, 1946.

503,313. (CLASS 32. FURNITURE AND UPHOLSTERY.) HALL BROTHERS, INCORPORATED, Kansas City, Mo. Filed Mar. 20, 1948. Serial No. 518,758.



FOR DISPLAY FIXTURES FOR GREETING CARDS.
Claims use since Feb. 3, 1947.

503,314. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MOLINE PAINT MFG. CO., Moline, Ill. Filed Jan. 12, 1948. Serial No. 521,270.

ReNew

FOR CHEMICAL FOR CLEANING SANDPAPER, SANDING BELTS AND DISCS, AND FOR DISSOLVING PITCH FROM PLANING ROLLS, STEEL SAW BLADES AND FILES.
Claims use since April 1946.

503,315. (CLASS 31. FILTERS AND REFRIGERATORS.) CHRYSLER CORPORATION, Highland Park, Mich. Filed Feb. 13, 1948. Serial No. 522,593.



Applicant claims ownership of registration No. 378,662.
FOR REFRIGERATING APPARATUS AND PARTS THEREOF—NAMELY, A REFRIGERANT CONDENSING UNIT COMPRISED OF A REFRIGERANT COMPRESSOR, REFRIGERANT COMPRESSOR DRIVING MEANS, REFRIGERANT CONDENSER, EXPANSION VALVE, AND FILTER.
Claims use since Nov. 11, 1946.

503,316. (CLASS 31. FILTERS AND REFRIGERATORS.) CHRYSLER CORPORATION, Highland Park, Mich. Filed Feb. 13, 1948. Serial No. 522,597.

CHRYSLER
AIRTEMP

Applicant claims ownership of registration No. 378,662.
FOR REFRIGERATING APPARATUS AND PARTS THEREOF—NAMELY, A REFRIGERANT CONDENSING UNIT COMPRISED OF A REFRIGERANT COMPRESSOR DRIVING MEANS, REFRIGERANT CONDENSER, EXPANSION VALVE, AND FILTER.
Claims use since Nov. 11, 1946.

503,317. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THOMPSON HORTICULTURAL CHEMICALS CORP., Los Angeles, Calif. Filed Jan. 24, 1948. Serial No. 525,710.

NO SPROUT

FOR SPROUT INHIBITOR FOR POTATOES AND OTHER ROOT CROPS.
Claims use since September 1946.

503,318. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE SCHOLL MFG. CO., INC., Chicago, Ill. Filed July 9, 1948. Serial No. 528,742.

SKIN-PATCH

Applicant claims ownership of registration No. 319,899.
FOR FINGER BANDAGES, CORN, CALLOUS AND BUNION PADS.
Claims use since May 31, 1947.

503,319. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RANCHO MONTECITO, North Hollywood, Calif. Filed May 24, 1948. Serial No. 529,804.

Rancho Montecito

FOR ASSORTED DRIED FRUITS AND SHELLED NUTS AND GIFT PACKAGES CONTAINING FRESH CITRUS FRUITS, FRESH DECIDUOUS FRUITS AND FRESH AVOCADOS.
Claims use since May 5, 1947.

503,320. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE EMBALMERS' SUPPLY CO., Westport, Conn. Filed July 2, 1948. Serial No. 532,576.

NOFUME

Applicant claims ownership of registration No. 394,423.
FOR EMBALMING FLUID.
Claims use since Dec. 1939.

503,321. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BUSCARLET GLOVE COMPANY, INC., New York, N. Y. Filed July 13, 1948. Serial No. 532,801.

WASHFINE

FOR PREPARATION FOR WASHING AND CLEANING THE HAIR AND FOR GENERAL HOUSEHOLD AND LAUNDRY WASHING AND CLEANING PURPOSES.
Claims use since Apr. 3, 1947.

503,322. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) M. SLIPKA & SONS, INC., New York, N. Y. Filed Apr. 5, 1948. Serial No. 532,880.

SPARKLER

FOR DOG COLLARS, HARNESSES, AND LEASHES.
Claims use since March 1947.

503,323. (CLASS 38. PRINTS AND PUBLICATIONS.) ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947. Serial No. 534,350.

ROCKWELL

Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,699.
FOR PERIODICAL PUBLICATIONS, PRINTS, AND PLANS WITH INFORMATION FOR CONSTRUCTION OF VARIOUS ARTICLES OF WOOD, METAL, OR BOTH.
Claims use since Dec. 13, 1945.

503,324. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) SAM FARKAS, doing business as Farkas Shoulder Pads, Dunkirk, N. Y. Filed June 16, 1948. Serial No. 539,683.

Shoulder PADS by FARKAS

FOR SHOULDER PADS FOR USE IN WOMEN'S CLOTHING.
Claims use since June 15, 1945.

503,325. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) BUXTON, INCORPORATED, Springfield, Mass. Filed July 14, 1948. Serial No. 543,419.

THINGS IN LEATHER THAT GO TO GETHER

Applicant claims ownership of registration No. 237,638.
FOR KEY CASES, PURSES, BILLFOLDS, POCKETBOOKS, AND POCKET CASES.
Claims use since May 18, 1926.

503,326. (CLASS 27. HOROLOGICAL INSTRUMENTS.) SEMCA CO., New York, N. Y. Filed Dec. 31, 1947. Serial No. 545,899.

DENVER

Applicant claims ownership of registration No. 176,766.
FOR CLOCKS.
Claims use since Jan. 1, 1922.

503,327. (CLASS 27. HOROLOGICAL INSTRUMENTS.) SEMCA CO., New York, N. Y. Filed Dec. 31, 1947. Serial No. 545,900.

DETROIT

Applicant claims ownership of registration No. 176,767.
FOR CLOCKS.
Claims use since Jan. 1, 1922.

503,328. (CLASS 27. HOROLOGICAL INSTRUMENTS.) SEMCA CO., New York, N. Y. Filed Dec. 31, 1947. Serial No. 545,901.

ERIE

Applicant claims ownership of registration No. 203,784.
FOR CLOCKS.
Claims use since February 1924.

503,329. (CLASS 27 HOROLOGICAL INSTRUMENTS.) SEMCA CO., New York, N. Y. Filed Dec. 31, 1947. Serial No. 545,902.

NEW YORKER

Applicant claims ownership of registration No. 176,764.
FOR CLOCKS.
Claims use since Jan. 1, 1922.

503,330. (CLASS 38. PRINTS AND PUBLICATIONS.) WELDON, WILLIAMS & LICK, INC., Fort Smith, Ark. Filed Dec. 31, 1947. Serial No. 545,021.

ONE-HAND BOOK STRIP TICKETS

Applicant claims ownership of registration No. 158,370.
FOR THEATRE TICKETS, SOLD AS SUCH.
Claims use since May 19, 1921.

503,331. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE MONITOR CONTROLLER COMPANY, Baltimore, Md. Filed Jan. 10, 1948. Serial No. 546,721.

EDGEWOUND

FOR RHEOSTATS.
Claims use since October 1924.

503,332. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FELS & COMPANY, Philadelphia, Pa. Filed July 21, 1948. Serial No. 549,723.

banish tattle-tale gray!

FOR SOAP.
Claims use since 1935.

503,333. (CLASS 38. PRINTS AND PUBLICATIONS.) NATIONAL CONSUMER FINANCE ASSOCIATION, Washington, D. C. Filed July 19, 1948. Serial No. 551,029.

CONSUMER FINANCE NEWS

FOR MONTHLY PUBLICATION.
Claims use since Feb. 25, 1947.

TRADE-MARK REGISTRATIONS RENEWED

32,210. "HOLOCAIN" ETC. AND DESIGN. Registered Dec. 6, 1898. Farbwerke, Vormals Meister, Lucius & Brüning, Hochst-on-the-Main, Germany. Re-renewed Dec. 6, 1948, to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware. LOCAL ANESTHETIC FOR OPHTHALMOLOGICAL PURPOSES. Class 6.

62,370. "MAZARINE" ETC. AND DRAWING. Registered Apr. 30, 1907. Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie, Paris, France, a corporation organized under the laws of the Republic of France. Re-renewed Apr. 30, 1947 (as provided by P. L. 517, July 17, 1946). CORDIAL. Class 49.

63,868. "CHARTER OAK" AND DESIGN. Registered July 9, 1907. St. Louis Union Trust Company. Re-renewed July 9, 1947, to Charter Oak Stove and Range Company, St. Louis, Mo., a corporation of Missouri. STOVES AND RANGES. Class 34.

69,364. "JOHN WIELANDS" ETC. AND DESIGN. Registered June 9, 1908. The San Francisco Breweries Ltd., London, England, and San Francisco, Calif. Re-renewed June 9, 1948, to Wielands Incorporated, San Francisco, Calif., a corporation of California. BEER. Class 48.

70,324. REPRESENTATION OF CIRCULAR GLOVER'S PARING KNIFE. Registered Aug. 25, 1908. Fownes Brothers and Company, London, England. Re-renewed Aug. 25, 1948, to Fownes Brothers & Co., Incorporated, New York, N. Y., a corporation of New York. GLOVE AND DRESS FASTENERS AND BUTTONS. Class 40.

70,665. "O" IN A SQUARE DESIGN. Registered Sept. 22, 1908. The Ohio Malleable Iron Company, Columbus, Ohio, a corporation of Ohio. Re-renewed Sept. 22, 1948. MISCELLANEOUS CASTINGS. Class 14.

70,884. SEALPACKERCHIEF. Registered Oct. 13, 1908. The International Manufacturing Co. Re-renewed Oct. 13, 1948, to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York. HANDKERCHIEFS. Class 39.

71,386. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Nov. 24, 1908. Marshall-Wells Hardware Co. Re-renewed Nov. 24, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. SCYTHE-STONES, RAZOR-HONES, SANDPAPER, EMERY-PAPER, AND EMERY-CLOTH. Class 4.

71,387. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Nov. 24, 1908. Marshall-Wells Hardware Co. Re-renewed Nov. 24, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. BUTCHER-KNIVES, FARRIER-KNIVES, CHISELS, DRAWING-KNIVES, AXES, ADZES, ETC. Class 23.

71,388. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Nov. 24, 1908. Marshall-Wells Hardware Co. Re-renewed Nov. 24, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. SQUARES, WING-DIVIDERS, AND LEVELS. Class 26.

71,389. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Nov. 24, 1908. Marshall-Wells Hardware Co. Re-renewed Nov. 24, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. HORSESHOE-NAILS, CARPET-TACKS, BARBED WIRE, AND ENAMELED KITCHEN-WARE. Class 13.

71,390. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Nov. 24, 1908. Marshall-Wells Hardware Co. Re-renewed Nov. 24, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. BOYS' EXPRESS-WAGONS, FISHING-RODS, FISHING-REELS, FISH-LINES, SNELLED HOOKS, ETC. Class 22.

71,473. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Nov. 24, 1908. Marshall-Wells Hardware Co. Re-renewed Nov. 24, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. SILVER-PLATED KNIVES AND FORKS AND SILVER-PLATED SPOONS. Class 28.

71,509. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Dec. 1, 1908. Marshall-Wells Hardware Co. Re-renewed Dec. 1, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. DUCK TENTS, AWNINGS, PAULINS, AND FELT WEATHER-STRIPS. Classes 12 and 50.

71,548. "ZENITH M.W.H. CO." AND REPRESENTATION OF A STAR AND DESIGN. Registered Dec. 1, 1908. Marshall-Wells Hardware Co. Re-renewed Dec. 1, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. BABBITT METAL, SHEET-STEEL, TIN-PLATE, AND SILVER-SOLDER. Class 14.

71,595. "THE ZENITH LINE M.W.H. CO." ETC. AND REPRESENTATION OF A STAR AND DESIGN. Registered Dec. 1, 1908. Marshall-Wells Hardware Co. Re-renewed Dec. 1, 1948, to Marshall-Wells Company, Duluth, Minn., a corporation of New Jersey. HARNESS, HARNESS PARTS, RIDING-SADDLES, HORSE-COLLARS, HORSE-BLANKETS, ETC. Class 3.

71,833. "DOUBLE-ENDER" ENCLOSED BY RECTANGULAR DESIGN. Registered Dec. 15, 1908. Nicholson File Company, Providence, R. I., a corporation of Rhode Island. Re-renewed Dec. 15, 1948. FILES. Class 23.

72,420. "FLYFOOT" ETC. AND DRAWING. Registered Jan. 26, 1909. Charles A. Schieren Company, New York, N. Y., a corporation of New York. Re-renewed Jan. 26, 1949. BELT-DRESSING. Class 4.

201,476. "FIL AU CONSCRIT" ETC. AND DRAWING. Registered July 28, 1925. Société A. Crespel, Lille, France. Renewed July 28, 1945 (as provided by P. L. 517, July 17, 1946), to Etablissements Agache Societe Anonyme de Perenchies, Perenchies (Nord), France, a corporation organized under the laws of the Republic of France. THREADS. Class 43.

201,477. "90 DAE. CAPSULE DÉPOSÉE" ETC. AND DRAWING. Registered July 28, 1925. Société A. Crespel, Lille, France. Renewed July 28, 1945 (as provided by P. L. 517, July 17, 1946), to Etablissements Agache Societe Anonyme de Perenchies, Perenchies (Nord), France, a corporation organized under the laws of the Republic of France. THREADS. Class 43.

222,104. DONALITE. Registered Dec. 21, 1926. Guardian Metals Company, Hamilton, Ohio, a corporation of Delaware. Renewed Dec. 21, 1946. METAL PLATES FOR VAULTS AND SAFES. Class 14.

225,984. "CLARA" AND PICTURE OF WOMAN. Registered Mar. 29, 1927. Alfred Gabrielson, San Francisco, Calif. Renewed Mar. 29, 1947, to Clara-Val Packing Company, Morgan Hill, Calif., a corporation of California. CANNED FRUITS, DRIED FRUITS, CANNED VEGETABLES. Class 46.

231,097. RESERVE. Registered Aug. 9, 1927. Godchaux Sugars Inc., Reserve, La. Renewed Aug. 9, 1947, to Godchaux Sugars Inc., New Orleans, La., a corporation of New York. CANE-SUGAR SIRUPS. Class 46.

231,710. LUBE-WELL. Registered Aug. 23, 1927. G. Whitfield Richards. Renewed Aug. 23, 1947, to G. Whitfield Richards, Philadelphia, Pa., a firm. CUTTING LUBRICANTS OF AN OILY CHARACTER. Class 15.

232,081. THE AUSTINITE. Registered Aug. 30, 1927. Pioneer Publishing Co., Oak Park, Ill. Renewed Aug. 30, 1947, to Austinite Company, Chicago, Ill., a corporation of Illinois. WEEKLY PUBLICATION. Class 38.

232,085. OAK LEAVES. Registered Aug. 30, 1927. Pioneer Publishing Co. Renewed Aug. 30, 1947, to Oak Leaves Company, Oak Park, Ill., a corporation of Illinois. WEEKLY PUBLICATION. Class 38.

232,581. L. D. C. Registered Sept. 13, 1927. Louis Dobbratz Co., Milwaukee, Wis., a corporation of Wisconsin. Renewed Sept. 13, 1947. WHOLESALE GROCERIES—NAMELY, COFFEE, CATCHUP, AND CANNED SALMON, PEACHES, PEARS, TOMATOES, WAX BEANS, CUT GREEN BEANS, SAUERKRAUT, BEETS, PEAS, AND CORN. Class 46.

232,778. CHARTER OAK. Registered Sept. 13, 1927. Charter Oak Stove and Range Company, St. Louis, Mo., a corporation of Missouri. Renewed Sept. 13, 1947. ELECTRIC STOVES AND RANGES. Class 21.

235,841. LONE STAR. Registered Nov. 29, 1927. Krauth & Benninghofen, Hamilton, Ohio, a firm. Renewed Nov. 29, 1947. MUSIC STAND USED TO HOLD THE PLAYER'S SHEET MUSIC WHEN IN USE. Class 36.

237,725. "FAMOUS" ETC. AND CIRCULAR DESIGN. Registered Jan. 17, 1928. The Fisher Brothers Company, Cleveland, Ohio, a corporation of Ohio. Renewed Jan. 17, 1948. ROOT BEER, GINGER ALE, ORANGE SODA, AND LEMON SODA. Class 45.

237,970. BOXOCKET. Registered Jan. 24, 1928. Blue Point Tool Company, Chicago, Ill. Renewed Jan. 24, 1948, to Snap-On Tools Corporation, Kenosha, Wis., a corporation of Delaware. WRENCHES. Class 23.

241,345. BIS-KA-MA. Registered Apr. 24, 1928. Les Laboratoires Duret & Remy, Asnieres, France. Renewed Apr. 24, 1948, to Societe Industrielle de Therapeutique Scientifique Appliquee S. I. T. S. A., Societe Anonyme, Paris, France, a corporation of France. PREPARATION FOR USE IN THE TREATMENT OF DISEASES AND DISORDERS OF THE STOMACH AND INTESTINES. Class 6.

241,715. AMERICAN GIRL. Registered May 8, 1928. Bulova Watch Company, Inc., New York, N. Y., a corporation of New York. Renewed May 8, 1948. WRIST OR STRAP WATCHES. Class 27.

242,718. "ACCURATE" AND REPRESENTATION OF BOLT, SCREW AND DESIGN. Registered May 29, 1928. Parts Manufacturing Company. Renewed May 29, 1948, to The Accurate Parts Manufacturing Company, Cleveland, Ohio, a corporation of Ohio. CLAMP SCREWS, BOLTS, NUTS, METAL WASHERS, METAL LOCK WASHERS, SCREW BOLTS, COILED SPRINGS, AND SUPPORTING CLIPS. Class 13.

244,252. IVANHOE. Registered July 17, 1928. J. F. Lazier Manufacturing Company, Incorporated, St. Louis, Mo., a corporation of Missouri. Renewed July 17, 1948. FLAVORING EXTRACTS AND CONCENTRATED SYRUPS FOR MAKING SODA WATER AND OTHER NONALCOHOLIC BEVERAGES, PARTICULARLY FOR GINGER ALE. Class 45.

244,324. KING RICHARD. Registered July 17, 1928. J. F. Lazier Manufacturing Company, Incorporated, St. Louis, Mo., a corporation of Missouri. Renewed July 17, 1948. FLAVORING EXTRACTS AND CONCENTRATED SYRUPS FOR MAKING SODA WATER AND OTHER NONALCOHOLIC BEVERAGES, PARTICULARLY GINGER ALE. Class 45.

244,459. "AICO" ENCLOSED BY RECTANGULAR DESIGN. Registered July 17, 1928. George J. Aigner, doing business as G. J. Aigner & Co. Renewed July 17, 1948, to G. J. Aigner Company, Chicago, Ill., a corporation of Illinois. SUPPLIES FOR FILING SYSTEMS OR EQUIPMENTS—NAMELY, GUIDE CARDS, FOLDERS, ETC. Class 37.

244,534. OMAHA & GRANT. Registered July 24, 1928. American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Renewed July 24, 1948, to American Smelting & Refining Company, New York, N. Y., a corporation of New Jersey. NONFERROUS METALS AND METAL ALLOYS—NAMELY, LEAD, SOLDER, ETC. Class 14.

244,535. PERTH AMBOY. Registered July 24, 1928. American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Renewed July 24, 1948, to American Smelting & Refining Company, New York, N. Y., a corporation of New Jersey. NONFERROUS METALS AND METAL ALLOYS—NAMELY, LEAD, SOLDER, ETC. Class 14.

244,561. "MOON-SHINE" ETC. AND DRAWING. Registered July 24, 1928. Washing Fluid Chemical Co. Renewed July 24, 1948, to Hood Chemical Co., Inc., Pittsburgh, Pa., a corporation of New York. CHEMICAL BLEACHING AND WASHING FLUID. Class 6.

244,703. "SLEEPYTIME" AND REPRESENTATION OF A BABY SLEEPING AND BACKGROUND DESIGN. Registered July 24, 1928. The P. R. Mitchell Co., New York, N. Y. Renewed July 24, 1948, to The P. R. Mitchell Co., Cincinnati, Ohio, a corporation of Ohio. PILLOWS. Class 32.

245,419. ATH-PANT. Registered Aug. 14, 1928. National Shirt Shops, Inc. Renewed Aug. 14, 1948, to National Shirt Shops of Delaware, Inc., New York, N. Y., a corporation of Delaware. MEN'S ATHLETIC PANTS AND UNDERWEAR OF KNITTED OR TEXTILE FABRIC. Class 39.

245,420. ATH-SHIRT. Registered Aug. 14, 1928. National Shirt Shops, Inc. Renewed Aug. 14, 1948, to National Shirt Shops of Delaware, Inc., New York, N. Y., a corporation of Delaware. MEN'S NEGLIGEE AND SPORT SHIRTS AND UNDERWEAR OF KNITTED OR TEXTILE FABRIC. Class 39.

245,499. NABS. Registered Aug. 14, 1928. National Biscuit Company, New York, N. Y., a corporation of New Jersey. Renewed Aug. 14, 1948. BISCUIT, CAKE, AND CRACKERS. Class 46.

245,500. NAB. Registered Aug. 14, 1928. National Biscuit Company, New York, N. Y., a corporation of New Jersey. Renewed Aug. 14, 1948. BISCUIT, CAKE AND CRACKERS. Class 46.

245,532. "MERIT MAID" AND DESIGN. Registered Aug. 14, 1928. Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co. Renewed Aug. 14, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. WHEAT FLOUR. Class 46.

245,533. MAID OF ORLEANS. Registered Aug. 14, 1928. Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co. Renewed Aug. 14, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. WHEAT FLOUR. Class 46.

245,534. "DOUGH BUSTER" AND DESIGN. Registered Aug. 14, 1928. Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co. Renewed Aug. 14, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. WHEAT FLOUR. Class 46.

245,558. PANCRUST. Registered Aug. 14, 1928. Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co. Renewed Aug. 14, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. WHEAT FLOUR. Class 46.

245,670. "SILVERTONE" AND DESIGN. Registered Aug. 21, 1928. Service Products, Incorporated, Greenville, Pa., a corporation of Pennsylvania. Renewed Aug. 21, 1948. PREPARATION FOR CLEANING AND POLISHING SILVERWARE. Class 4.

245,761. NEW GOLD. Registered Aug. 21, 1928. John T. Hobberger, doing business as Hohberger Manufacturing Co., (not Inc.), Chicago, Ill. Renewed Aug. 21, 1948. CANDY. Class 46.

245,850. INDIAN QUEEN. Registered Aug. 21, 1928. J. F. Lazier Manufacturing Company, Incorporated, St. Louis, Mo., a corporation of Missouri. Renewed Aug. 21, 1948. FLAVORING EXTRACTS AND CONCENTRATED SYRUPS FOR MAKING SODA WATER AND OTHER NONALCOHOLIC BEVERAGES, PARTICULARLY FOR ROOT BEER. Class 45.

245,851. GOLDEN GIRL. Registered Aug. 21, 1928. J. F. Lazier Manufacturing Company, Incorporated, St. Louis, Mo., a corporation of Missouri. Renewed Aug. 21, 1948. FLAVORING EXTRACTS AND CONCENTRATED SYRUPS FOR MAKING SODA WATER, AND OTHER NONALCOHOLIC BEVERAGES, PARTICULARLY FOR ORANGE BEVERAGE. Class 45.

245,944. "GUS' BUTTER MAID" ETC. AND DRAWING. Registered Aug. 28, 1928. August Kesselring, doing business as Gus' Butter-Maid Bake Shop. Renewed Aug. 28, 1948, to Gus' Butter Maid Bake Shop, Denver, Colo., a partnership. CAKES AND PASTRY. Class 46.

246,040. "F & F" AND DESIGN. Registered Aug. 28, 1928. Organ-Iron Laboratories, Omaha, Nebr. Renewed Aug. 28, 1948 to F & F Laboratories, Inc., Chicago, Ill., a corporation of Illinois. THROAT LOZENGES. Class 6.

246,056. "VANCORAM" ETC. AND DESIGN. Registered Aug. 28, 1928. Vanadium Corporation of America, Bridgeville, Pa. Renewed Aug. 28, 1948, to Vanadium Corporation of America, New York, N. Y., a corporation of Delaware. ALLOYS, AND ESPECIALLY ALLOYS CONTAINING VANADIUM, SILICON, ETC. Class 14.

246,246. "THOS. HEATH CLOTHES" AND DESIGN. Registered Sept. 4, 1928. Alfred Decker & Cohn, Inc. Renewed Sept. 4, 1948, to Society Brand Clothes, Inc., Chicago, Ill., a corporation of Illinois. COATS, VESTS, TROUSERS, AND OVERCOATS FOR MEN, YOUNG MEN, AND BOYS. Class 39.

246,421. BARCO. Registered Sept. 4, 1928. Barrow Manufacturing Company. Renewed Sept. 4, 1948, to William Henry Jennings, Winder, Ga. OVERALLS, WORK PANTS, AND WORK SHIRTS. Class 39.

246,591. "UNEEDA BAKERS" ETC. AND REPRESENTATION OF A COOKIE. Registered Sept. 11, 1928. National Biscuit Company, New York, N. Y., a corporation of New Jersey. Renewed Sept. 11, 1948. BISCUIT, CAKE, AND CRACKERS. Class 46.

246,697. GOLDEN ROD. Registered Sept. 11, 1928. Fred I. Jaden, doing business as F. Jaden Manufacturing Co. Renewed Sept. 11, 1948, to Dutton-Lainson Company, Hastings, Nebr., a corporation of Nebraska. OIL CANS. Class 2.

246,735. KOLOKILL. Registered Sept. 11, 1928. Niagara Sprayer Company, Middleport, N. Y. Renewed Sept. 11, 1948, to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware. PARASITICIDES. Class 6.

246,744. OILATUM. Registered Sept. 11, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed Sept. 11, 1948, to Stiefel Medicinal Soap Company, Inc., Preston Hollow, N. Y., a corporation of New York. OINTMENT FOR BURNS, SCALDS, BRUISES, SPRAINS, CUTS, ETC. Class 6.

246,971. SEA FARER. Registered Sept. 18, 1928. San Juan Fishing & Packing Co., Seattle, Wash., a corporation of Washington. Renewed Sept. 18, 1948. FRESH, SALT, AND PICKLED FISH. Class 46.

247,114. SANACOUSTIC. Registered Sept. 18, 1928. C. F. Burgess Laboratories, Inc., Madison, Wis., and Chicago, Ill. Renewed Sept. 18, 1948, to Johns-Manville Products Corporation, New York, N. Y., a corporation of Delaware. SOUND-DEADENING TILES OF SHEET METAL. Class 12.

247,187. "FARR'S ARCH PERFECTOR" ETC. AND DESIGN. Registered Sept. 25, 1928. Farr Bros. Co., Allentown, Bethlehem, Reading, and Easton, Pa. Renewed Sept. 25, 1948, to Farr Bros. Co., Allentown, Pa., a corporation of Pennsylvania. SHOES CONSTRUCTED OF LEATHER AND SHOES CONSTRUCTED OF FABRIC FOR MEN, WOMEN, BOYS, YOUTHS, LITTLE MEN, MISSES, CHILDREN, AND GROWING GIRLS. Class 39.

247,208. "1776" AND DESIGN. Registered Sept. 25, 1928. Shellabarger Mills & Elevator Company. Renewed Sept. 25, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. BREAD. Class 46.

247,266. WOLVERINE. Registered Sept. 25, 1928. Corduroy Tire Company. Renewed Sept. 25, 1948, to Corduroy Rubber Company, Grand Rapids, Mich., a corporation of Delaware. AUTOMOBILE TIRES. Class 35.

247,285. PINUSOTE. Registered Sept. 25, 1928. United Drug Company, Boston, Mass. Renewed Sept. 25, 1948, to Rexall Drug Company, Los Angeles, Calif., a corporation of Delaware. MEDICINAL PREPARATION CONTAINING GUAIACOL AND CREOSOTE AND USED FOR COUGHS, COLDS, AND BRONCHIAL AND THROAT INFECTIONS. Class 6.

247,484. "1776" AND DESIGN. Registered Sept. 25, 1928. Shellabarger Mills & Elevator Company, doing business as Shellabarger Mills. Renewed Sept. 25, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. WHEAT FLOUR. Class 46.

247,608. VAPORAIRE. Registered Oct. 2, 1928. Holland Furnace Company. Renewed Oct. 2, 1948, to Holland Furnace Company, Holland, Mich., a corporation of Delaware. COAL, COKE, WOOD, FUEL-OIL, AND GAS FURNACES. Class 34.

247,643. "WONDERSACK" ETC. AND DESIGN. Registered Oct. 2, 1928. Shellabarger Mills & Elevator Company, doing business as The Mid-Kansas Milling Co. Renewed Oct. 2, 1948, to Shellabarger's, Inc., Salina, Kans., a corporation of Delaware. WHEAT FLOUR. Class 46.

247,829. OSTEOPEDIC. Registered Oct. 9, 1928. The Scholl Mfg. Co., Inc., Chicago, Ill., a corporation of New York. Renewed Oct. 9, 1948. ARCH SUPPORTS. Class 44.

248,113. JELISSA. Registered Oct. 16, 1928. Parke, Davis & Company, Detroit, Mich., a corporation of Michigan. Renewed Oct. 16, 1948. SURGICAL LUBRICANT. Class 6.

248,114. ADREPHINE. Registered Oct. 16, 1928. Parke, Davis & Company, Detroit, Mich., a corporation of Michigan. Renewed Oct. 16, 1948. ASTRINGENT TO THE ACCESSIBLE RESPIRATORY MUCOUS MEMBRANES. Class 6.

248,146. RUBBERSAN. Registered Oct. 16, 1928. Waldemar Vernet. Renewed Oct. 16, 1948, to Whitehall Pharmacal Company, New York, N. Y., a corporation of Illinois. RUBBER SPONGES AND RUBBER SPONGES IN THE SHAPE OF SOAP DISHES AND IN THE SHAPE OF VARIOUS OTHER ARTICLES. Class 1.

248,230. HAIR GROOM. Registered Oct. 16, 1928. Edward Wesley & Company, Cincinnati, Ohio. Renewed Oct. 16, 1948, to Whitehall Pharmacal Company, New York, N. Y., a corporation of Illinois. HAIR-COMBING LIQUID. Class 6.

248,535. "RADIANT" AND DESIGN. Registered Oct. 23, 1928. Midway Chemical Company, Chicago, Ill. Renewed Oct. 23, 1948, to Boyle-Midway Inc., Jersey City, N. J., a corporation of Delaware. FURNITURE POLISH, LIQUID WAX, WAX FLOOR OIL, AND PREPARED PASTE WAX FOR USE ON FLOORS AND WOODWORK. Class 16.

248,549. "CHARMIN" AND DESIGN. Registered Oct. 23, 1928. Hoberg Paper and Fibre Company. Renewed Oct. 23, 1948, to Hoberg Paper Mills, Inc., Green Bay, Wis., a corporation of Wisconsin. TOILET PAPER, PAPER NAPKINS, AND PAPER TOWELS. Class 37.

248,589. "WHITE SEA" ETC. AND PICTORIAL DRAWING. Registered Oct. 23, 1928. M. A. Rex, doing business as California Sea Food Company, Los Angeles, Calif. Renewed Oct. 23, 1948, to California Sea Food Corp., Long Beach, Calif., a corporation of California. CANNED FISH. Class 46.

248,858. TRAMPA. Registered Oct. 30, 1928. Lesher, Whitman & Co., Inc., New York, N. Y. Renewed Oct. 30, 1948, to Goodall-Sanford, Inc., Sanford, N. Y., a corporation of Maine. PIECE GOODS, BEING A FABRIC WITH A WARP OF COTTON, OR OF COTTON AND MOHAIR MIXED, OR OF COTTON AND SILK MIXED, AND OTHER MIXED FABRICS. Class 42.

249,139. LIGHTNING. Registered Nov. 6, 1928. E. Myers Lye Co. Renewed Nov. 6, 1948, to E. Myers Lye Corporation, St. Louis, Mo., a corporation of Missouri. LYE OR CAUSTIC SODA WHICH LATTER IS THE TECHNICAL NAME FOR LYE. Class 6.

249,298. TAKA. Registered Nov. 13, 1928. International Takamine Ferment Company, New York, N. Y. Renewed Nov. 13, 1948, to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan. KOJI, MOYASHI, DIASTASE, FERMENTS, AND CONVERTING AGENTS. Class 6.

249,336. M. O. D. Registered Nov. 13, 1928. Mutual Orange Distributors, Redlands, Calif., a corporation of California. Renewed Nov. 13, 1948. FRESH CITRUS FRUITS, FRESH DECIDUOUS FRUITS. Class 46.

249,355. QWC. Registered Nov. 13, 1928. The Buckeye Steel Castings Company, Columbus, Ohio, a corporation of Ohio. Renewed Nov. 13, 1948. RAILWAY-TRUCK BOLSTERS, TRUCK SIDE FRAMES, AND SPRING PLANKS. Class 19.

249,698. BUTALONE. Registered Nov. 20, 1928. Parke, Davis & Company, Detroit, Mich., a corporation of Michigan. Renewed Nov. 20, 1948. CHEMICAL SUBSTANCE POSSESSING MEDICINAL PROPERTIES AS A HYPNOTIC. Class 6.

250,308. "TANNATE" AND REPRESENTATION OF HANDS AND LINK ENCLOSED BY DIAMOND DESIGN. Registered Dec. 4, 1928. J. E. Rhoads & Sons, Philadelphia, Pa., a firm. Renewed Dec. 4, 1948. LACE LEATHER IN THE PIECE. Class 1.

250,452. "LIFETIME" AND DESIGN. Registered Dec. 11, 1928. Carl S. Breanick. Renewed Dec. 11, 1948, to Pearlduck, Inc., New York, N. Y., a corporation of New York. ALL MANNER AND KINDS OF RAZORS, SHEARS, SCISSORS, KNIVES OR BASE METAL, AND HAIR CLIPPERS. Class 23.

250,501. INTERVIEWER. Registered Dec. 11, 1928. Ackerman Door Interviewer Corp. Renewed Dec. 11, 1948, to George W. Ackerman, New York, N. Y. METAL DOOR WICKETS AND GRILLES. Class 13.

250,523. SCHOPEDIC. Registered Dec. 11, 1928. The Scholl Mfg. Co., Inc., Chicago, Ill., a corporation of New York. Renewed Dec. 11, 1948. ARCH SUPPORTS. Class 44.

250,561. "DR. CARTER'S K.&B. TEA." AND PORTRAIT. Registered Dec. 11, 1928. S. C. Wells and Company, Le Roy, N. Y., a corporation of New York. Renewed Dec. 11, 1948. HERB TEA. Class 6.

250,652. "A. P. W. FINEST SATIN TISSUE" ETC. AND DESIGN. Registered Dec. 11, 1928. Albany Perforated Wrapping Paper Company. Renewed Dec. 11, 1948, to A. P. W. Products Company, Inc., Albany, N. Y., a corporation of New York. TOILET PAPER. Class 37.

250,732. REPRESENTATION OF AN ARCH AND CROWN. Registered Dec. 18, 1928. Edwin Clapp & Son, Incorporated, East Weymouth, Mass., a corporation of Massachusetts. Renewed Dec. 18, 1948. BOOTS AND SHOES OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. Class 39.

250,772. KING SOLOMON. Registered Dec. 18, 1928. Coast Fishing Company, Wilmington, Calif., a corporation of California. Renewed Dec. 18, 1948. CANNED FISH. Class 46.

250,816. "A. P. W. JR. FINEST SATIN TISSUE" ETC. AND BORDER DESIGN. Registered Dec. 18, 1928. Albany Perforated Wrapping Paper Company. Renewed Dec. 18, 1948, to A. P. W. Products Company, Inc., Albany, N. Y., a corporation of New York. TOILET PAPER. Class 37.

251,074. "OLGAR" AND RECTANGULAR BACKGROUND DESIGN. Registered Dec. 25, 1928. Parke, Davis & Company, Detroit, Mich., a corporation of Michigan. Renewed Dec. 25, 1948. EMULSION OF LIQUID PETROLATUM WITH AGAR FOR MEDICINAL USE. Class 6.

251,324. STAYWARM. Registered Jan. 1, 1929. Carter Dry Goods Co., Louisville, Ky., a corporation of Kentucky. Renewed Jan. 1, 1949. TEXTILE BLANKETS. Class 42.

251,404. JOLLY BOAT. Registered Jan. 8, 1929. John Sinclair Limited, Newcastle-on-Tyne, England, a corporation organized under the laws of Great Britain. Renewed Jan. 8, 1949. SMOKING TOBACCO, CIGARETTES, AND CIGARS. Class 17.

251,577. "COSMOPOLITAN." Registered Jan. 8, 1929. The H. & D. Folsom Arms Co. Inc., New York, N. Y., a corporation of New Jersey. Renewed Jan. 8, 1949. FISH HOOKS. Class 22.

251,744. "FLORIDAGOLD BRAND" AND DESIGN. Registered Jan. 15, 1929. Fruit Products Company of Florida, Eagle Lake, Fla. Renewed Jan. 15, 1949, to Floridagold Citrus Corporation, Lake Alfred, Fla., a corporation of Florida. GRAPEFRUIT JUICE AND ORANGE JUICE FOR FOOD PURPOSES. Class 46.

251,774. "GILBERT" AND SHIELD DESIGN LINED FOR BLUE. Registered Jan. 15, 1929. John O. Gilbert Chocolate Company, Jackson, Mich., a corporation of Michigan. Renewed Jan. 15, 1949. CANDY. Class 46.

251,868. SEABOARD. Registered Jan. 15, 1929. Chula Vista Citrus Association. Renewed Jan. 15, 1949, to The Chula Vista Citrus Association, Chula Vista, Calif., a corporation of California. FRESH CITRUS FRUIT—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. Class 46.

252,180. KICKERNICK RESTWARE. Registered Jan. 29, 1929. Winget Kickernick Company. Renewed Jan. 29, 1949, to Kickernick, Inc., Minneapolis, Minn., a corporation of Minnesota. PAJAMAS. Class 39.

252,182. MERTHIOLATE. Registered Jan. 29, 1929. Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana. Renewed Jan. 29, 1949. SODIUM ETHYL MERCURITHIOSALICYLATE OR ORGANIC MERCURY COMPOUND SOLUTION, USEFUL IN ANTISEPSIS AND TREATMENT OF NOSE AND THROAT INFECTIONS. Class 6.

252,223. REPRESENTATION OF GIRL HOLDING TRAY OF FRUIT AND BACKGROUND DESIGN. Registered Jan. 29, 1929. Sun-Maid Raisin Growers of California, Fresno, Calif., a cooperative association of California. Renewed Jan. 29, 1949. FRESH GRAPES. Class 46.

252,224. SUN-MAID. Registered Jan. 29, 1929. Sun-Maid Raisin Growers of California, Fresno, Calif., a cooperative association of California. Renewed Jan. 29, 1949. FRESH GRAPES. Class 46.

252,394. AIMCEE. Registered Feb. 5, 1929. Associated Merchandising Corporation. Renewed Feb. 5, 1949, to The Associated Merchandising Corporation, New York, N. Y., a corporation of New York. DRESS SHIELDS, BIAS TAPE, TWILL TAPE, AND SEAM BINDINGS. Class 40.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

222,105. DONSTEEL. Registered Dec. 21, 1926. The Guardian Metals Company, Hamilton, Ohio. METAL PLATES FOR VAULTS AND SAFES. Class 14. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "The Guardian Metals Company" should be *Guardian Metals Company*; and in line 4 of the certificate; and in line 3 of the statement, "Ohio" should be *Delaware*.

222,106. DONMETAL. Registered Dec. 21, 1926. The Guardian Metals Company, Hamilton, Ohio. METAL PLATES FOR VAULTS AND SAFES. Class 14. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "The Guardian Metals Company" should be *Guardian Metals Company*; and line 4 of the certificate; and in line 3 of the statement, "Ohio" should be *Delaware*.

370,272. SAN PAT AND DESIGN. Registered Aug. 22, 1939. San Pat Vegetable Co. Inc., Sinton, Tex. FRESH VEGETABLES. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "San Pat Vegetable Co. Inc." should be *San Pat Vegetable Company*.

438,224. SOLVOLIN. Registered Apr. 13, 1948. Lincoln Laboratories, Incorporated, Decatur, Ill. PENICILLIN VEHICLE CONTAINING SESAME OIL 8.8 CC. (APPROXIMATELY), BEESWAX, AN EMULSIFYING AGENT, AND CHLOROBUTANOL FOR INTRAMUSCULAR USE. Class 6. Corrected as follows: In the signature to the statement, name of the president, for "Wallace A. Bush" read *Wallace A. Buck*.

439,258. COPYBRITE. Registered June 8, 1948. Copy Papers, Inc., assignor to Copy Papers Sales & Service Agency, Inc., Chicago, Ill. UNIT USED IN ACCOUNTING AND BILLING—NAMELY, PLAIN PAPER PARTIALLY PRINTED, IN THE NATURE OF BLANK FORMS, WITH AN ATTACHED SHEET OF CARBON PAPER; STENCILS; ETC. Class 37. Amended as follows: In the statement, column 1, lines 12 and 13, "correction pencils for duplicating work;" is deleted; and in lines 15 and 16, "hectograph pencils and leads therefor" is deleted.

TRADE-MARK REGISTRATIONS—NEW CERTIFICATES

New Certificates issued under sections 7(c), 7(f), 7(g) of the Trade-Mark Act of 1946 for the unexpired term of the original registrations.

42,131. MAN ZAN. Registered Feb. 23, 1904. Pineule Medicine Co. PREPARATIONS FOR THE ALLEVIATING AND CURE OF HEMORRHOIDS OR PILES, ETC. Class 6. New certificate under section 7(c) issued Oct. 19, 1948, to E. C. De Witt & Co., Inc., Chicago, Ill., a corporation of New York.

45,039. DE WITT'S CARBOLIZED WITCH HAZEL SALVE. Registered Aug. 1, 1905. E. C. De Witt & Co. SALVES. Class 6. New certificate under section 7(c) issued Oct. 19, 1948, to E. C. De Witt & Co., Inc., Chicago, Ill., a corporation of New York.

45,170. MANZAN. Registered Aug. 8, 1905. Pineule Medicine Co. A CURE FOR PILES. Class 6. New certificate under section 7(c) issued Oct. 19, 1948, to E. C. De Witt & Co., Inc., Chicago, Ill., a corporation of New York.

45,281. "DE WITT'S LITTLE EARLY RISERS" AND DESIGN. Registered Aug. 8, 1905. E. C. De Witt & Co. REMEDIES FOR THE BOWELS AND LIVER. Class 6. New certificate under section 7(c) issued October 19, 1948, to E. C. De Witt & Co., Inc., Chicago, Ill., a corporation of New York.

45,473. KODOL. Registered Aug. 22, 1905. E. C. De Witt & Co. REMEDIES FOR CURING DYSPEPSIA. Class 6. New certificate under section 7(c) issued Oct. 19, 1948, to E. C. De Witt & Co., Inc., Chicago, Ill., a corporation of New York.

68,905. REPRESENTATION OF SUN AND MOUNTAINS. Registered May 5, 1908. E. C. De Witt & Company. REMEDIES FOR THE RELIEF OF KIDNEY, BLADDER AND LIVER TROUBLES. Class 6. New certificate under section 7(c) issued Oct. 19, 1948, to E. C. De Witt & Co., Inc., Chicago, Ill., a corporation of New York.

114,260. VERMOUTH AND FANCIFUL DESIGN. Registered Dec. 5, 1916. Martini & Rossi. DISTILLED ALCOHOLIC LIQUORS. Class 49. New certificate under section 7(c) issued Oct. 19, 1948, to Martini & Rossi Corporation, New York, N. Y., a corporation of Delaware.

185,413. MARTINI. Registered June 17, 1924. Martini & Rossi. WINES, SPARKLING WINES, AND WINE VERMUTH. Class 47. New certificate under section 7(c) issued Oct. 19, 1948, to Martini & Rossi Corporation, New York, N. Y., a corporation of Delaware.

227,926. "ROSSI" ETC. AND DESIGN. Registered May 17, 1927. Martini & Rossi. WINES—NAMELY, APPETIZERS MADE FROM A WINE BASE. Class 47. New certificate under section 7(c) issued Oct. 19, 1948, to Martini & Rossi Corporation, New York, N. Y., a corporation of Delaware.

299,161. PICTORIAL DESIGN. Registered Nov. 22, 1932. Martini & Rossi S. A. VERMOUTH, COCKTAILS, LIQUORS, AND BITTERS. Class 49. New certificate under section 7(c) issued Oct. 19, 1948, to Martini & Rossi Corporation, New York, N. Y., a corporation of Delaware.

311,119. MARTINI AND DESIGN. Registered Mar. 13, 1934. Martini & Rossi S. A. VERMOUTH, SPARKLING AND STILL WINES AND PREPARED WINES AS APPETIZERS. Class 47. New certificate under section 7(c) issued Oct. 19, 1948, to Martini & Rossi Corporation, New York, N. Y., a corporation of Delaware.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 185,279. Registered June 10, 1924. DIAMOND STATE FIBER COMPANY, Elsmere, Del., and Bridgeport, Pa. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

VULCAWOOD

FOR COMBINED VULCANIZED FIBER AND PHENOLIC CONDENSATION PRODUCTS.
Claims use since Nov. 1, 1923.

Reg. No. 228,253. Registered May 24, 1927. MOLINE CONSUMERS COMPANY, Moline, Ill., a corporation of Illinois. Republished by registrant.

LUCKY STRIKE

FOR COAL.
Claims use since Apr. 23, 1926.

Reg. No. 256,917. Registered May 28, 1929. WARREN MACPHERSON, Cambridge, Mass. Republished by General Latex and Chemical Corporation, Cambridge, Mass., a corporation of Massachusetts.

REVULTEX

FOR VULCANIZED OR PARTLY VULCANIZED RUBBER LATEX IN UNCOAGULATED, NATURAL, DILUTE, CONCENTRATED OR COAGULATED FORM.
Claims use since Oct. 18, 1927.

Reg. No. 389,219. Registered July 29, 1941. CHEROKEE COAL COMPANY, Louisville, Ky., a corporation of Kentucky. Republished by registrant.



The word "Harlan" and the representation of the lump of coal are disclaimed apart from the mark as shown.
FOR COAL.
Claims use since 1933.

Reg. No. 391,594. Registered Nov. 18, 1941. CHEROKEE COAL COMPANY, Louisville, Ky., a corporation of Kentucky. Republished by registrant.



FOR COAL.
Claims use since 1925.

Reg. No. 391,659. Registered Nov. 18, 1941. PRINCESS ELKHORN COAL COMPANY, Paintsville, Ky., a corporation of Delaware. Republished by registrant.



The word "Elkhorn" is disclaimed apart from the mark as shown.
FOR COAL.
Claims use since May 23, 1941.

Reg. No. 396,832. Registered Aug. 4, 1942. GRAPEVINE COAL COMPANY, Madisonville, Ky., a corporation of Delaware. Republished by registrant.



The word "Coal" and the representation of a lump of coal are disclaimed.
FOR COAL.
Claims use since June 1, 1918.

Reg. No. 418,198. Registered Dec. 11, 1945. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

CERELOSE

FOR HIGHLY REFINED MONOSACCHARIDE DERIVED BY HYDROLYSIS OF POLYMERIC CARBOHYDRATE MATERIALS, USED IN FERMENTATION AND CHEMICAL MANUFACTURING PROCESSES AS A RAW MATERIAL IN THE PRODUCTION OF ALCOHOL, ORGANIC ACIDS AND POLYHYDROXY COMPOUNDS.
Claims use since about July 1923.

CLASS 2

RECEPTACLES

Reg. No. 216,393. Registered Aug. 10, 1926. CHAMPION PNEUMATIC MACHINERY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The words "Air Compressor" are disclaimed apart from the mark as shown.
FOR AIR COMPRESSOR TANKS.
Claims use since Nov. 3, 1921.

Reg. No. 277,655. Registered Nov. 25, 1930. THE AMERICAN PULLEY COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

TRUK-PAK

FOR PACKAGE TRAYS FOR TRUCKS.
Claims use since Apr. 11, 1929.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 234,098. Registered Oct. 18, 1927. SAMUEL WARD MANUFACTURING CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

WARD'S

FOR WRITING CASES AND PORTFOLIOS.
Claims use since 1868.

Reg. No. 380,671. Registered Aug. 27, 1940. DESMOND'S, Los Angeles, Calif. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

MAIN LINE

FOR TRUNKS, SUIT CASES, WARDROBE BAGS, OVERNIGHT BAGS, VALISES, AND HAND BAGS.
Claims use since Dec. 30, 1939.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 61,635. Registered Apr. 2, 1907. MEXICAN AMOLE SOAP CO., Peoria, Ill. Republished by Amole Incorporated, Tipp City, Ohio, a corporation of Ohio.

AMOLE

FOR SOAP.
Claims use since about January 1883.

Reg. No. 135,412. Registered Oct. 12, 1920. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.



The words "Trade" and "Mark" are disclaimed apart from the mark as shown.
FOR DRESSING AND PRESERVATIVE FOR LEATHER, RUBBER, CANVAS, AND FABRIC BELTING AND OTHER LEATHER PRODUCTS.
Claims use since June 28, 1919.

Reg. No. 178,564. Registered Jan. 15, 1924. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

Beltex Gripstick

FOR DRESSING FOR LEATHER OR CANVAS BELTS.
Claims use since May 1, 1923.

Reg. No. 308,572. Registered Dec. 12, 1933. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

LADY JANE

FOR SOAP.
Claims use since 1912.

Reg. No. 311,598. Registered Mar. 27, 1934. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

OUR LEADER

FOR LAUNDRY SOAP.
Claims use since 1903.

Reg. No. 333,677. Registered Mar. 31, 1936. E. A. MEYER, doing business as Green Bay Soap Company, Green Bay, Wis. Republished by Green Bay Soap Company, Green Bay, Wis., a partnership.

WHITE QUEEN

FOR SOAP, SOAP POWDERS, HOUSEHOLD CLEANERS, WATER SOFTENERS.
Claims use since 1898.

Reg. No. 414,766. Registered June 26, 1945. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



The drawing is lined to indicate shading only.
FOR SILICATE OF SODA AND SILICATE OF POTASH, EITHER ALONE OR IN ADMIXTURE WITH OTHER CHEMICALS, USED FOR CLEANSING FIBRES, METALS, CERAMICS, WOOD AND THE LIKE.
Claims use since Apr. 10, 1930.

Reg. No. 417,921. Registered Nov. 20, 1945. THE MORTON S. PINE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PYNAMULSE

FOR GENERAL HOUSEHOLD CLEANER.
Claims use since Dec. 29, 1944.

Reg. No. 419,657. Registered Feb. 26, 1946. THE DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Deltacraft

FOR SANDING KITS CONTAINING INDIVIDUAL CONTAINERS OF CEMENT AND ASSORTED GRADES OF ABRASIVE GRIT FOR PRODUCING SANDING BLOCKS.
Claims use since June 6, 1945.

Reg. No. 432,633. Registered Sept. 9, 1947. PATEK AND CO., San Francisco, Calif., a corporation of California. Republished by registrant.

CYLON

FOR WET CLEANING AID OF THE NEUTRAL DETERGENT TYPE.
Claims use since on or about Dec. 1, 1945.

CLASS 5

ADHESIVES

Reg. No. 340,932. Registered Nov. 24, 1936. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

SEAL

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION, FOR ADHESIVE PURPOSES.
Claims use since May 14, 1936.

Reg. No. 351,045. Registered Oct. 19, 1937. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

STIXSO

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION, SOLD AS AN ADHESIVE.
Claims use since Apr. 13, 1936.

Reg. No. 355,409. Registered Mar. 15, 1938. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

STIXSIL

FOR ADHESIVE COMPRISED IN WHOLE OR IN PART OF SILICATE OF SODA EITHER ANHYDROUS, HYDRATED OR IN SOLUTION.
Claims use since Sept. 10, 1937.

Reg. No. 355,410. Registered Mar. 15, 1938. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

STIXSOL

FOR ADHESIVE COMPRISED IN WHOLE OR IN PART OF SILICATE OF SODA EITHER ANHYDROUS, HYDRATED OR IN SOLUTION.
Claims use since Sept. 10, 1937.

Reg. No. 389,293. Registered July 29, 1941. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

KORDEK

FOR CEREAL CORE BINDERS FOR USE IN FOUNDRIES.
Claims use since Aug. 22, 1917.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 101,966. Registered Jan. 19, 1915. NATIONAL STARCH CO., New York, N. Y. Republished by Corn Products Refining Company, New York, N. Y., a corporation of New Jersey.

DURYEAS' SATIN GLOSS

FOR STARCH FOR LAUNDRY PURPOSES.
Claims use since 1860.

Reg. No. 105,695. Registered Aug. 10, 1915. NATIONAL STARCH COMPANY, New York, N. Y. Republished by Corn Products Refining Company, New York, N. Y., a corporation of New Jersey.

KINGSFORD'S

FOR STARCH FOR LAUNDRY AND MANUFACTURING PURPOSES.
Claims use since 1848.

Reg. No. 123,483. Registered Nov. 12, 1918. THE PHENOL CHEMICAL COMPANY, Chicago, Ill. Republished by The Diversey Corporation, Chicago, Ill., a corporation of Illinois.

ENOZ

FOR MOTH PREVENTIVE AND EXTERMINATOR.
Claims use since Apr. 16, 1918.

Reg. No. 190,573. Registered Oct. 14, 1924. ASH GROVE LIME AND PORTLAND CEMENT COMPANY, Kansas City, Mo., and Portland, Me., a corporation of Maine. Republished by registrant, present address Kansas City, Mo.

KEMILIME

FOR HIGH-CALCIUM, HYDRATED LIME FOR GENERAL INDUSTRIAL AND CHEMICAL USES.
Claims use since Mar. 1, 1924.

Reg. No. 213,829. Registered June 8, 1926. ARTHUR H. THOMAS COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

DEHYDRITE

FOR CHEMICAL COMPOUNDS FOR ABSORBING MOISTURE IN STEEL AND ORGANIC-COMBUSTION ANALYSIS.
Claims use since Jan. 6, 1926.

Reg. No. 218,284. Registered Sept. 21, 1926. THE HARROWER LABORATORY, INC., Wilmington, Del., and Glendale, Calif., a corporation of Delaware. Republished by registrant, present address, Glendale, Calif.

ENDOTHYRIN

FOR MEDICINAL SOLUTION FOR USE IN THE TREATMENT OF SIMPLE GOITER AND HYPOTHYROIDISM.
Claims use since Apr. 1, 1926.

Reg. No. 232,309. Registered Sept. 6, 1927. E. F. HOUGHTON & CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

"SILKLUBRIC"

FOR COMPOUNDS FOR PROCESSING PURE SILK TO ADD STRENGTH TO THE MATERIAL BY LUBRICATION AS WELL AS TO SOFTEN THE SERICIN OR GUM IN THE SILK.
Claims use since Apr. 16, 1927.

Reg. No. 234,453. Registered Oct. 25, 1927. MCCORMICK & CO., INCORPORATED, Baltimore, Md., a corporation of Maryland. Republished by registrant.

INSEKTOSPRAY

FOR INSECTICIDES.
Claims use since about June 6, 1927.

Reg. No. 240,337. Registered Mar. 27, 1928. MUNSCH-PROTZMANN CO., New York, N. Y. Republished by Henrietta Carnot, New York, N. Y.

CARBONOEL

FOR A PREPARATION FOR THE TREATMENT OF SKIN DISEASES.
Claims use since December 1908.

Reg. No. 272,196. Registered July 1, 1930. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

APESTRIN

FOR PREPARATION CONTAINING A PRINCIPLE WITH A SPECIFIC INFLUENCE ON SEXUAL MATURITY AND A RIPENING OF THE GRAAFIAN FOLLICLES.
Claims use since Feb. 28, 1930.

Reg. No. 273,945. Registered Aug. 19, 1930. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

ACCRETIN

FOR PREPARATION COMPRISING AN EXTRACT OF ENDOCRINE TISSUE (ANTERIOR PITUITARY AND THYMUS) CONTAINING A PRINCIPLE WITH A SPECIFIC GROWTH-STIMULATING INFLUENCE.
Claims use since Feb. 28, 1930.

Reg. No. 278,931. Registered Jan. 6, 1931. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.



FOR LAUNDRY STARCH.
Claims use since Aug. 1, 1913.

Reg. No. 280,717. Registered Feb. 24, 1931. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

ARGO

FOR LAUNDRY STARCH.
Claims use since December 1907.

Reg. No. 282,522. Registered Apr. 21, 1931. T. C. WHITLOCK, Winston-Salem, N. C. Republished by registrant.

Sapha



FOR PREPARATION FOR REMOVING DANDRUFF, RELIEVING ITCHING AND IRRITATION OF THE SCALP, AND FOR PROMOTING THE GROWTH OF HAIR.
Claims use since Jan. 1, 1930.

Reg. No. 290,743. Registered Jan. 12, 1932. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

PANOCRIN

FOR SOLUTION OF AN ACTIVE PRINCIPLE OF THE PANCREAS HAVING INFLUENCE UPON THE CIRCULATION AND FOR USE IN THE TREATMENT OF CIRCULATORY DISORDERS ASSOCIATED WITH HYPERTENSION AND ANGINA.
Claims use since July 6, 1931.

Reg. No. 294,161. Registered May 17, 1932. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

Menocrin

FOR ENDOCRINE PREPARATION FOR USE AS A UTERO-OVARIAN REGULATOR THROUGH OVARIAN ENDOCRINE FUNCTION AND THAT OF ASSOCIATED SYNERGISTIC GLANDS.
Claims use since Jan. 5, 1932.

Reg. No. 301,971. Registered Mar. 21, 1933. THE GUARDITE CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

GUARDITE

FOR GASEOUS FUMIGATING MATERIAL PARTICULARLY ADAPTED FOR FUMIGATING AND CURING TOBACCO, FOOD STUFFS, AND OTHER ARTICLES AND MATERIALS IN CONFINED SPACES.
Claims use since July 1, 1930.

Reg. No. 313,345. Registered May 22, 1934. THE O. & W. THUM COMPANY, doing business as The Tanglefoot Company, Grand Rapids, Mich. Republished by The Tanglefoot Company, Grand Rapids, Mich., a corporation of Michigan.

DIFUSO

FOR INSECTICIDE.
Claims use since Mar. 30, 1932.

Reg. No. 314,254. Registered June 26, 1934. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

DEXTROSOL

FOR PURE CRYSTALLIZED DEXTROSE FOR MEDICINAL PURPOSES.
Claims use since Feb. 20, 1934.

Reg. No. 315,520. Registered July 31, 1934. SOCIÉTÉ ANONYME DES PARFUMS WEIL, Paris, France. Republished by Parfums Weil Paris Co., New York, N. Y., a limited partnership.

BAMBOU

FOR PERFUMES, FACE POWDERS, TALCUM POWDERS, ROUGES, TOILET WATERS, BRILLIANTINES, FACE LOTIONS, COLD CREAMS, SKIN CREAMS, AND BATH SALTS.
Claims use since Dec. 12, 1933.

Reg. No. 322,172. Registered Feb. 26, 1935. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

BILISALIN

FOR BILE SALTS COMPOUND, FOR USE IN TREATMENT OF MUCOUS COLITIS, INTESTINAL TOXEMIA, BILIARY INSUFFICIENCY AND CHRONIC ENDOCRINE SHORTCOMINGS.
Claims use since Oct. 14, 1934.

Reg. No. 338,319. Registered Sept. 1, 1936. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

TN

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION.
Claims use since Mar. 12, 1936.

Reg. No. 340,026. Registered Oct. 27, 1936. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

STAR

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED OR IN SOLUTION.
Claims use since May 14, 1936.

Reg. No. 346,131. Registered May 18, 1937. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

NOHEEV

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED OR IN SOLUTION (EITHER WITH OR WITHOUT MINOR QUANTITIES OF ADMIXED MINERAL INGREDIENTS) USED IN THE WELL DRILLING INDUSTRY TO IMPART TO DRILLING MUDS THE ABILITY TO MAKE CONTACT WITH THE SO-CALLED HEAVING SHALE WITHOUT DISINTEGRATING.
Claims use since Sept. 10, 1936.

Reg. No. 347,331. Registered June 22, 1937. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

RU

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION.
Claims use since Jan. 11, 1937.

Reg. No. 350,514. Registered Sept. 28, 1937. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

NS

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION.
Claims use since Apr. 20, 1937.

Reg. No. 350,515. Registered Sept. 28, 1937. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

OS

FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION.
Claims use since Apr. 20, 1937.

Reg. No. 355,896. Registered Apr. 5, 1938. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

Adremin

FOR PLURIGLANDULAR PREPARATIONS IN THE FORM OF TABLETS, CAPSULES, EXTRACTS, SOLUTIONS, AND THE LIKE FOR THE TREATMENT OF HYPOADRENIA AND HYPOCRINISM WITH SYMPTOMS OF ASTHENIA, SUBOXIDATION, HYPOTENSION, ETC.
Claims use since Oct. 11, 1937.

Reg. No. 356,407. Registered Apr. 26, 1938. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

CORTINORAL

FOR POTENT EXTRACT OF THE ADRENAL CORTEX TISSUE FOR ORAL ADMINISTRATION IN HYPOADRENIA AND SIMILAR STATES.
Claims use since Aug. 26, 1937.

Reg. No. 356,408. Registered Apr. 26, 1938. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

HEMATOCRIN

FOR SUBSTANCE INCLUDING A WATER-SOLUBLE LIVER FRACTION AND NUCLEINIC ACID FOR USE IN THE TREATMENT OF ANEMIA AND PERNICIOUS ANEMIA.
Claims use since Aug. 26, 1937.

Reg. No. 358,157. Registered June 28, 1938. SPICER AND COMPANY, Glendale, Calif. Republished by The Harrower Laboratory, Inc., Glendale, Calif., a corporation of Delaware.

HETERIL

FOR PREPARATION FOR AN ANTIGEN (PARENTERAL ALTERATIVE).
Claims use since Jan. 31, 1938.

Reg. No. 359,164. Registered Aug. 9, 1938. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

METALITE ZATEX

FOR SOLUTIONS OF CELLULOSE DERIVATIVES—NAMELY, CELLULOSE ESTERS AND ETHERS, FOR PRINTING, FINISHING, DELUSTERING AND/OR COATING TEXTILES, FABRIC, WOOD, METAL, ETC.
Claims use since Aug. 27, 1937.

Reg. No. 362,796. Registered Nov. 29, 1938. LOUISIANA DRUG CO. INC., Opelousas, La., a corporation of Louisiana. Republished by registrant.

LADCO

FOR INSECT SPRAY, INSECT DUST, A PREPARATION USED IN THE TREATMENT OF COUGHS AND COLDS, MILK OF MAGNESIA, RUBBING ALCOHOL COMPOUND, ANTISEPTIC, WINE OF COD LIVER OIL EXTRACT, COD-TUSSAL, AND ANT POISON.
Claims use since Sept. 1, 1936.

Reg. No. 365,915. Registered Mar. 21, 1939. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

ARLEX

FOR DERIVATIVES OF HEXAHYDRIC ALCOHOLS AND INNER ETHERS THEREOF.
Claims use since Oct. 12, 1938.

Reg. No. 382,134. Registered Oct. 15, 1940. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

RUSTICON

FOR SUBSTANCE FOR PREVENTING RUST, CORROSION, OR SCALE IN BOILERS, RADIATORS, AND HOT WATER SYSTEMS.
Claims use since Oct. 11, 1924.

Reg. No. 389,448. Registered Aug. 5, 1941. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

BILICHOLAN

FOR PREPARATION FOR USE AS A STIMULANT IN GASTROENTEROLOGICAL PRACTICE.
Claims use since Feb. 3, 1941.

Reg. No. 391,953. Registered Dec. 2, 1941. PARFUMS WEIL PARIS, INC., New York, N. Y. Republished by Parfums Weil Paris Co., New York, N. Y., a limited partnership.

Cobra

FOR PERFUMES.
Claims use since May 18, 1941.

Reg. No. 398,704. Registered Nov. 17, 1942. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

KASIL

FOR POTASSIUM SILICATE, EITHER ANHYDROUS, HYDROUS, CRYSTALLINE, GLASSY OR IN SOLUTION, OR IN ADMIXTURE WITH OTHER ALKALINE SALTS, USEFUL IN THE MANUFACTURE OF GELS, CEMENTS, COATINGS, DETERGENTS, AND THE LIKE.
Claims use since Aug. 19, 1941.

Reg. No. 403,360. Registered Sept. 21, 1943. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

Cortothyrin

FOR COMBINATION OF ORALLY ACTIVE ADRENAL CORTEX AND THYROID EXTRACTS, WITH VITAMIN C, INDICATED IN SUBCLINICAL ADDISONIAN SYNDROMES (HYPO ADRENIA), IN THE ADRENAL DEFICIENCY ASSOCIATED WITH HYPOMETABOLISM, AND IN THE DEPLETED STATES FOLLOWING ACUTE AND CHRONIC INFECTIONS.
Claims use since Dec. 15, 1940.

Reg. No. 410,922. Registered Dec. 26, 1944. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

EUTECTOR

FOR CHEMICAL FLUX COMPOSITION FOR USE IN WELDING, BRAZING, AND SOLDERING OPERATIONS, EITHER TO BE APPLIED TO METAL SURFACES OR TO WELDING RODS.
Claims use since June 14, 1944.

Reg. No. 415,433. Registered Aug. 7, 1945. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

FLOTECTIC

FOR CHEMICAL FLUX COMPOSITION FOR USE IN WELDING, BRAZING AND SOLDERING OPERATIONS, EITHER TO BE APPLIED TO METAL SURFACES OR TO WELDING RODS.
Claims use since Jan. 31, 1945.

Reg. No. 417,132. Registered Oct. 16, 1945. JAY W. STUART, doing business as De-Oxo-Lin Chemical Products, Los Angeles, Calif. Republished by O. T. Hodnefield, Los Angeles, Calif.

DE-OXO-LIN

FOR CHEMICAL PREPARATION HAVING FIRE-PROOFING AND FIRERETARDING PROPERTIES AND USED FOR COATING AND IMPREGNATING FABRICS, LUMBER AND OTHER INFLAMMABLE MATERIALS, AND FOR ADMIXTURE WITH LIQUID COATING COMPOSITIONS.
Claims use since Oct. 27, 1939.

Reg. No. 423,762. Registered Sept. 10, 1946. E. F. DREW & CO., INC., New York, N. Y., a corporation of Delaware. Republished by registrant.

RESISTOL A

FOR HYDROGENATION CATALYSTS FOR HYDROGENATION OF EDIBLE OILS.
Claims use since Oct. 16, 1945.

Reg. No. 426,915. Registered Jan. 21, 1947. AMERICAN BIOCHEMICAL COMPANY, INC., New York, N. Y. Republished by The Harrower Laboratory, Inc., Glendale, Calif., a corporation of Delaware.

BIO-KAPS

FOR VITAMINS.
Claims use since July 25, 1945.

Reg. No. 430,267. Registered June 10, 1947. THE TANGLEFOOT COMPANY, Grand Rapids, Mich., a corporation of Michigan. Republished by registrant.

DIFUSO

FOR INSECTICIDES.
Claims use since Feb. 20, 1946.

Reg. No. 433,175. Registered Sept. 30, 1947. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Prizma

FOR SHAMPOO.
Claims use since Dec. 8, 1945.

CLASS 7

CORDAGE

Reg. No. 57,434. Registered Nov. 13, 1906. THE AMERICAN MANUFACTURING COMPANY, New York, N. Y. Republished by American Manufacturing Company, Brooklyn, N. Y., a corporation of Massachusetts.

AMERICAN

FOR ROPE, CORD, LINES AND TWINE.
Claims use since about Feb. 1, 1889.

Reg. No. 73,990. Registered June 8, 1909. THE AMERICAN MANUFACTURING COMPANY, Charleston, W. Va., and New York, N. Y. Republished by American Manufacturing Company, Brooklyn, N. Y., a corporation of Massachusetts.

ACME

FOR ROPE AND LINE MANUFACTURED FROM VEGETABLE FIBER.
Claims use since Jan. 1, 1905.

Reg. No. 75,635. Registered Oct. 26, 1909. THE AMERICAN MANUFACTURING COMPANY, New York, N. Y. Republished by American Manufacturing Company, Brooklyn, N. Y., a corporation of Massachusetts.

ANCHOR



FOR ROPE, CORD, LINES AND TWINE MANUFACTURED FROM VEGETABLE FIBER.
Claims use since about Feb. 1, 1904.

Reg. No. 85,402. Registered Feb. 20, 1912. THE AMERICAN MANUFACTURING COMPANY, Charleston, W. Va., and New York, N. Y., assignor to American Manufacturing Company, a corporation of Massachusetts. Republished by American Manufacturing Company, Brooklyn, N. Y., a corporation of Massachusetts.

WHITE SWAN



FOR HEMP CLOTHES-LINES.
Claims use since about Oct. 1, 1908.

Reg. No. 89,793. Registered Jan. 14, 1913. AMERICAN MANUFACTURING COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

TROJAN

FOR CORDAGE.
Claims use since June 26, 1908.

Reg. No. 89,794. Registered Jan. 14, 1913. AMERICAN MANUFACTURING COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

SPARTAN

FOR CORDAGE.
Claims use since July 15, 1912.

Reg. No. 89,973. Registered Jan. 28, 1913. AMERICAN MANUFACTURING COMPANY, Boston, Mass., a corporation of Massechusetts. Republished by registrant, present address Brooklyn, N. Y.

ROYAL

FOR LATH-YARN.
Claims use since Jan. 6. 1909.

Reg. No. 91,929. Registered June 10, 1913. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant.

"COMET"

FOR CLOTHES-LINES MANUFACTURED FROM VEGETABLE FIBER.
Claims use since June 22, 1910.

Reg. No. 105,179. Registered July 13, 1915. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

PENNANT

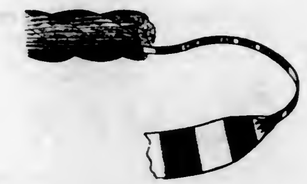
FOR ROPE, CORD, LINES AND TWINE MANUFACTURED FROM VEGETABLE FIBER.
Claims use since about Feb. 15, 1906.

Reg. No. 109,054. Registered Mar. 21, 1916. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

ANCO

FOR ROPE, CORD, LINES, AND TWINE MANUFACTURED FROM VEGETABLE FIBER.
Claims use since about Mar. 25, 1915.

Reg. No. 164,404. Registered Feb. 20, 1923. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.



The trade-mark consists of a thin pliant tape which is applied to the goods by being incorporated in the rope between the twisted elements of which the rope is formed. The representation of the rope is disclaimed apart from the mark as shown.
FOR ROPE.
Claims use since Feb. 20, 1914.

Reg. No. 170,136. Registered July 10, 1923. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a corporation of New York. Republished by registrant.



The trade-mark consists of a thin pliant tape which is applied to the goods by being incorporated within and surrounded by the fiber constituting one of the yarns used for making the rope or twine. The representation of the rope and the coloring on the tape are disclaimed apart from the mark as shown.
FOR ROPE.
Claims use since Feb. 11, 1922.

Reg. No. 222,647. Registered Jan. 4, 1927. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

E Z

FOR ROPE, CORD, AND TWINE MANUFACTURED FROM VEGETABLE FIBER.
Claims use since Apr. 28, 1924.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 74,342. Registered July 6, 1909. THE ENSIGN-BICKFORD COMPANY, Simsbury, Conn., a corporation of Connecticut. Republished by registrant.

CLIMAX

FOR FUSE FOR IGNITING GUNPOWDER AND OTHER EXPLOSIVES.
Claims use since 1888.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 140,404. Registered Mar. 15, 1921. INDIANA CHEMICAL AND MANUFACTURING COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

REDUCOL

FOR LITHOGRAPHIC INK REDUCER.
Claims use since Sept. 1, 1903.

Reg. No. 142,760. Registered May 17, 1921. W. A. SHEAFFER PEN COMPANY, Fort Madison, Iowa, a corporation of Delaware. Republished by registrant.

Skrip

FOR WRITING FLUIDS.
Claims use since Apr. 10, 1920.

Reg. No. 307,647. Registered Oct. 31, 1933. CODO MANUFACTURING CORPORATION, Coraopolis, Pa., a corporation of Delaware. Republished by registrant.

Codo
Super-kote

The word "Kote" is disclaimed apart from the mark as shown.
FOR CARBON PAPERS.
Claims use since April 1932.

Reg. No. 307,749. Registered Oct. 31, 1933. CODO MANUFACTURING CORPORATION, Coraopolis, Pa., a corporation of Delaware. Republished by registrant.

KEEN-RITE

FOR TYPEWRITER RIBBONS AND CARBON PAPERS.
Claims use since September 1920.

Reg. No. 307,917. Registered Nov. 14, 1933. CODO MANUFACTURING CORPORATION, Coraopolis, Pa., a corporation of Delaware. Republished by registrant.

Codo
Super-fiber

The word "Fiber" is disclaimed apart from the mark as shown.
FOR TYPEWRITER RIBBONS.
Claims use since October 1930.

Reg. No. 309,151. Registered Jan. 2, 1934. CODO MANUFACTURING CORPORATION, Coraopolis, Pa., a corporation of Delaware. Republished by registrant.

Codo

FOR TYPEWRITER RIBBONS AND CARBON PAPERS.
Claims use since Jan. 1, 1928.

Reg. No. 345,523. Registered Apr. 27, 1937. WM. KORN, INC., New York, N. Y., a corporation of New York. Republished by registrant.

KORN'S

FOR LITHOGRAPHIC RUBBING INK, LITHOGRAPHIC LIQUID TUSCHE, LITHOGRAPHIC TRANSFER INK, AUTOGRAPHIC INK, MUSIC PLATE TRANSFER INK, AND LITHOGRAPHIC STICK TUSCHE.
Claims use since 1880.

Reg. No. 346,004. Registered May 11, 1937. WM. KORN, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR LITHOGRAPHIC RUBBING INK, LITHOGRAPHIC LIQUID TUSCHE, LITHOGRAPHIC TRANSFER INK, AUTOGRAPHIC INK, MUSIC PLATE TRANSFER INK, AND LITHOGRAPHIC STICK TUSCHE.
Claims use since 1897.

Reg. No. 386,329. Registered Apr. 1, 1941. STATIONERS' GUILD OF AMERICA, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Guild

FOR ADDING MACHINE RIBBONS, ACCOUNTING MACHINE RIBBONS, CALCULATING MACHINE RIBBONS, CARBON PAPER, DUPLICATOR INK, INKING PADS, NUMBERING MACHINE INK, STAMP PAD INK, STAMP PADS, AND TYPEWRITER RIBBONS.
Claims use since Feb. 17, 1922.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 224,213. Registered Feb. 22, 1927. VENTO STEEL SASH COMPANY, Muskegon Heights, Mich. Republished by Jacob Wendling, Buffalo, N. Y.

VENTO

FOR WINDOWS AND WINDOW SASHES.
Claims use since on or about June 1, 1924.

Reg. No. 286,542. Registered Sept. 1, 1931. MICHAEL HAYMAN & CO., INC., Buffalo, N. Y., a corporation of New York. Republished by registrant.

HAYMANITE

FOR CEMENT FOR JOINTING WATER MAINS.
Claims use since about Apr. 2, 1931.

Reg. No. 290,413. Registered Jan. 5, 1932. DEWEY PORTLAND CEMENT COMPANY, Kansas City, Mo., a corporation of West Virginia. Republished by registrant.



FOR PORTLAND CEMENT.
Claims use since Feb. 16, 1931.

Reg. No. 292,161. Registered Mar. 1, 1932. DEWEY PORTLAND CEMENT COMPANY, Kansas City, Mo., a corporation of West Virginia. Republished by registrant.



FOR MASON'S CEMENT.
Claims use since June 26, 1931.

Reg. No. 307,738. Registered Oct. 31, 1933. TIMBER ENGINEERING COMPANY, Washington, D. C., a corporation of Delaware. Republished by registrant.

TECO

FOR LUMBER AND FABRICATED METAL JOINTS FOR TIMBER CONNECTIONS.
Claims use since Mar. 30, 1933.

Reg. No. 386,736. Registered Apr. 22, 1941. TIMBER ENGINEERING COMPANY, Washington, D. C., a corporation of Delaware. Republished by registrant.

TECO

FOR TERMITE SHIELDS.
Claims use since Oct. 21, 1940.

Reg. No. 403,130. Registered Sept. 7, 1943. THE TREMCO MANUFACTURING COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DURAGLAZE

FOR MASTIC COMPOUND FOR USE AS A PUTTY SUBSTITUTE IN THE GLAZING OF WINDOWS.
Claims use since Oct. 16, 1942.

Reg. No. 409,317. Registered Oct. 3, 1944. TIMBER ENGINEERING COMPANY, Washington, D. C., a corporation of Delaware. Republished by registrant.

TECO-LOCK

The word "Lock" is disclaimed apart from the mark as shown.

FOR FASTENINGS MADE OF WOOD EMPLOYED IN TIMBER CONNECTIONS—NAMELY, DOWELS, KEYS, MORTISES, TENONS, AND SPINDLE LOCKS.

Claims use since Sept. 1, 1943.

Reg. No. 418,890. Registered Jan. 16, 1946. TIMBER ENGINEERING COMPANY, Washington, D. C., a corporation of Delaware. Republished by registrant.

TECO-POST

The word "Post" is disclaimed apart from the mark as shown.

FOR SPACING AND REINFORCING ELEMENTS PRIMARILY OF WOOD FOR USE ON CONSTRUCTING DEMOUNTABLE SHELVING, FURNITURE, AND OTHER DEMOUNTABLE TIMBER CONSTRUCTIONS.

Claims use since Dec. 15, 1944.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 383,325. Registered Dec. 3, 1940. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

"Key-Master"

FOR KEY RINGS.

Claims use since Mar. 1, 1940.

Reg. No. 395,997. Registered June 23, 1942. TIMBER ENGINEERING COMPANY, Washington, D. C., a corporation of Delaware. Republished by registrant.



FOR LOAD DISTRIBUTING METAL CONNECTORS FOR USE IN JOINING TIMBER MEMBERS IN ALL TYPES OF LIGHT AND HEAVY FRAME TIMBER STRUCTURES.

Claims use since Oct. 20, 1941.

Reg. No. 402,398. Registered July 20, 1943. THE BILLINGS & SPENCER COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.



FOR CHAINS AND HOIST HOOKS.

Claims use since on or about Aug. 31, 1870.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 89,292. Registered Dec. 3, 1912. THE P. & M. Co., Chicago, Ill. Republished by Poor & Company, Chicago, Ill., a corporation of Delaware.

P & M

FOR METAL RAIL-ANCHORS, ANTICREEPERS, TIE-PLATE, SPLICE-BAR, GUARD RAIL CLAMPS, AND RAIL-BONDS.

Claims use since 1906.

Reg. No. 115,644. Registered Feb. 27, 1917. THE MADDEN COMPANY, Chicago, Ill. Republished by Poor & Company, Chicago, Ill., a corporation of Delaware.

BLUE FLAG

FOR METAL DERAILS.

Claims use since October 1915.

Reg. No. 177,413. Registered Dec. 18, 1923. THE P. & M. COMPANY, Chicago, Ill. Republished by Poor & Company, Chicago, Ill., a corporation of Delaware.

FAIR

FOR RAIL ANCHORS OR ANTICREEPERS.

Claims use since Apr. 26, 1922.

Reg. No. 386,989. Registered Apr. 29, 1941. EUTECTIC WELDING ALLOYS, INC., New York, N. Y. Republished by Euctectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

CASTOLIN

FOR METALLIC WELDING RODS AND METALLIC ALLOYS FOR WELDING, BRAZING AND SOLDERING.

Claims use since July 29, 1939.

Reg. No. 408,653. Registered Aug. 22, 1944. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

EUTECTRODE

FOR WELDING ELECTRODES, WHICH ARE CONSUMED IN THE WELDING OPERATION, WELDING, BRAZING AND SOLDERING RODS AND WIRES, EITHER BARE OR COATED WITH FLUX SUBSTANCE FOR USE IN CONNECTION WITH OXY-ACETYLENE TORCHES, WITH ELECTRIC HEATING AND CARBON-ARC DEVICES.

Claims use since March 1944.

Reg. No. 409,730. Registered Oct. 17, 1944. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

EUTECROD

The word "Rod" is disclaimed apart from the mark as shown.

FOR METALLIC WELDING, BRAZING, AND SOLDERING RODS, WIRES, AND BARS, EITHER BARE OR COATED WITH FLUX SUBSTANCE FOR USE IN CONNECTION WITH OXYACETYLENE TORCHES, WITH ELECTRIC HEATING AND CARBON-ARC DEVICES.

Claims use since Apr. 21, 1944.

Reg. No. 416,708. Registered Sept. 25, 1945. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

EUTECHROM

FOR WELDING ELECTRODES, WHICH ARE CONSUMED IN THE WELDING OPERATION, WELDING, BRAZING, AND SOLDERING OVERLAY ALLOYS IN THE FORM OF RODS AND WIRES, EITHER BARE OR COATED WITH FLUX SUBSTANCE FOR USE IN CONNECTION WITH OXY-ACETYLENE TORCHES OR WITH ELECTRIC HEATING AND CARBON-ARC DEVICES.

Claims use since Jan. 31, 1945.

Reg. No. 416,970. Registered Oct. 9, 1945. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

EUTECTOFILM

FOR WELDING ELECTRODES, WHICH ARE CONSUMED IN THE WELDING OPERATION, WELDING, BRAZING, AND SOLDERING OVERLAY ALLOYS IN THE FORM OF RODS AND WIRES, EITHER BARE OR COATED WITH FLUX SUBSTANCE FOR USE IN CONNECTION WITH OXY-ACETYLENE TORCHES, WITH ELECTRIC HEATING AND CARBON-ARC DEVICES.

Claims use since Jan. 31, 1945.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 283,713. Registered June 2, 1931. GRACE B. CARRAN, doing business as Central Petroleum Company, Cleveland, Ohio. Republished by Central Petroleum Company, Cleveland, Ohio, a corporation of Ohio.

CEN-PE-CO

FOR BARN PAINT, FACTORY PAINT, HOUSE PAINT, METAL PAINT, AND ROOF PAINT.

Claims use since Jan. 2, 1931.

Reg. No. 299,327. Registered Nov. 29, 1932. THE ZAPON COMPANY, Wilmington, Del. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

MOVIETONE

FOR LACQUERS, PAINT THINNERS, AND/OR LACQUER THINNERS.

Claims use since Oct. 19, 1928.

Reg. No. 321,263. Registered Jan. 22, 1935. BREVOLITE LACQUER COMPANY, North Chicago, Ill. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

BREVAL

FOR ALUMINUM POWDER, DRY AND IN PASTE FORM.

Claims use since January 1930.

Reg. No. 321,264. Registered Jan. 22, 1935. BREVOLITE LACQUER COMPANY, North Chicago, Ill. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

KRISTOKRAK

FOR LACQUERS FOR COATING WOOD, GLASS, COMPO, PAPER, METAL, AND OTHER SURFACES, SAID LACQUERS CONTAINING IN SOLUTION A CRYSTALLIZING SUBSTANCE AND FURNISHING A FILM SHOWING A CRYSTAL FINISH.

Claims use since September 1927.

Reg. No. 341,867. Registered Dec. 29, 1936. BREVOLITE LACQUER COMPANY, North Chicago, Ill., assignor to Atlas Powder Company. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

BREVOLUX

FOR LACQUERS, LACQUER ENAMELS, VARNISHES, COATINGS CONTAINING SYNTHETIC RESINS, PAINT ENAMELS, DRIERS, AND THINNERS.

Claims use since April 1929.

Reg. No. 341,868. Registered Dec. 29, 1936. BREVOLITE LACQUER COMPANY, North Chicago, Ill., assignor to Atlas Powder Company. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

BREVEX

FOR LACQUERS, LACQUER ENAMELS, VARNISHES, AND COATINGS CONTAINING SYNTHETIC RESINS, PAINT ENAMELS, DRIERS AND THINNERS.
Claims use since September 1931.

Reg. No. 358,179. Registered June 28, 1938. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

ZAPONITE

FOR READY MIXED PAINTS AND ENAMELS, PAINT COLORS, VARNISHES, LACQUERS, THINNERS FOR PAINTS AND ENAMELS, PAINT-LIKE COMPOSITIONS FOR LACQUERING AND ENAMELING AND THINNERS THEREFOR.
Claims use since Aug. 25, 1924.

Reg. No. 369,790. Registered Aug. 1, 1939. THE WESTERN AUTO SUPPLY COMPANY, doing business as Western Auto Stores and as The Western Auto Supply Company, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

COLOR-TONE

FOR PAINT IN DRY FORM.
Claims use since Feb. 21, 1939.

Reg. No. 419,185. Registered Feb. 5, 1946. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

AQUANITE

FOR LACQUERS AND STAINS.
Claims use since Feb. 1, 1923.

Reg. No. 422,769. Registered Aug. 13, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

CHEMTITE

FOR PLATING-RACK ENAMELS AND STOP-OFF COATINGS FOR ARTICLES TO BE PLATED TO PREVENT DEPOSITION OF METAL ON THE COATED PORTION.
Claims use since Aug. 14, 1945.

Reg. No. 422,794. Registered Aug. 13, 1946. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

ZAFIL

FOR WOOD FILLER.
Claims use since Sept. 19, 1945.

Reg. No. 426,270. Registered Dec. 24, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

DUART

FOR COATING COMPOSITIONS, INCLUDING CLEAR WRINKLE VARNISHES AND PIGMENTED WRINKLE ENAMELS ADAPTED TO PRODUCE WRINKLE FINISHES.
Claims use since July 1, 1934.

Reg. No. 431,083. Registered July 8, 1947. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

COPRENE

FOR PAINTS IN PASTE AND READY MIXED FORM, VARNISHES, PAINT ENAMELS AND LACQUERS.
Claims use since Oct. 15, 1940.

CLASS 17

TOBACCO PRODUCTS

Reg. No. 304,694. Registered July 18, 1933. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

El Paxo

FOR CIGARS.
Claims use since December 1909.

Reg. No. 329,926. Registered Nov. 19, 1935. METROPOLITAN CIGAR CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

EL SALERO

FOR CIGARS.
Claims use since Oct. 20, 1925.

Reg. No. 402,480. Registered July 27, 1943. CHARLES & COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

BON VOYAGE

FOR SMOKING TOBACCO.
Claims use since Mar. 16, 1917.

CLASS 19

VEHICLES

Reg. No. 235,034. Registered Nov. 8, 1927. BOND FOUNDRY AND MACHINE COMPANY, Manheim, Pa., a corporation of Pennsylvania. Republished by registrant.

Bond

FOR TRUCK CASTERS.
Claims use since January 1915.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 117,249. Registered June 26, 1917. THE CONTINENTAL FIBRE COMPANY, Newark, Del. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

CONITE

FOR ELECTRICAL INSULATING MATERIAL.
Claims use since Aug. 1, 1916.

Reg. No. 141,532. Registered Apr. 26, 1921. DIAMOND STATE FIBRE COMPANY, Elsmere, Del., and Bridgeport, Conn. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

CELORON

The drawing is lined for shading only.
FOR ELECTRICAL INSULATING MATERIAL.
Claims use since January 1919.

Reg. No. 263,481. Registered Nov. 5, 1929. NOBLE & HARRIS, Detroit, Mich., assignor to The Edison Illuminating Company. Republished by Electromaster, Inc., Mount Clemens, Mich., a corporation of Michigan.

ELECTROCHEF

FOR ELECTRIC STOVES AND ELECTRIC RANGES.
Claims use since Dec. 10, 1928.

Reg. No. 305,928. Registered Aug. 29, 1933. AMERICAN LAVA CORPORATION, Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

ALSIMAG

FOR NON-CORROSIVE, HEAT-RESISTING, FIRED MATERIAL DERIVED BY COMBINATION OF MATERIALS OF MINERALOGIC ORIGIN, CUT, EXTRUDED, PRESSED OR MACHINED TO SHAPES AND DIMENSIONS FOR USE AS ELECTRIC INSULATION.
Claims use since Feb. 1, 1933.

Reg. No. 312,917. Registered May 15, 1934. LOTTIE FRANCES WITHERS, Oakland, Calif. Republished by registrant.



The words "Repairs Broken Coils" are disclaimed. The word "Sleeve" and the representation of a sleeve as well as the representation of the manner of use thereof appearing in the drawing are disclaimed apart from the mark shown.
FOR BROKEN ELECTRIC WIRE REPAIR SLEEVES.
Claims use since Nov. 23, 1933.

Reg. No. 318,396. Registered Oct. 23, 1934. THE VACUUM CLEANER CORPORATION OF AMERICA, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



The representation of the goods is disclaimed.
FOR ELECTRICAL VACUUM CLEANERS, HANDLES THEREFOR AND PARTS THEREOF.
Claims use since Jan. 15, 1932.

Reg. No. 375,699. Registered Feb. 27, 1940. FOSTER L. TALGE, Kansas City, Mo. Republished by Rival Manufacturing Company, Kansas City, Mo., a corporation of Missouri.

Broil-O-Mat

The word "Broil" is disclaimed apart from the mark as shown.
FOR ELECTRIC BROILERS.
Claims use since Jan. 16, 1939.

Reg. No. 419,590. Registered Feb. 26, 1946. STATIONERS' GUILD OF AMERICA, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Guild

FOR ELECTRIC FANS AND ELECTRIC DESK LAMPS.
Claims use since Apr. 1, 1944.

Reg. No. 424,466. Registered Oct. 8, 1946. THE TANGLEFOOT COMPANY, Grand Rapids, Mich., a corporation of Michigan. Republished by registrant.

DIFUSOLIER

FOR ELECTRICALLY HEATED ATOMIZER FOR SPRAYING LIQUID.
Claims use since Aug. 3, 1945.

Reg. No. 426,925. Registered Jan. 21, 1947. AMERICAN LAVA CORPORATION, Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

TIOLEKTRIK

FOR HIGH DIELECTRIC CONSTANT CERAMICS FOR USE AS INSULATORS IN CAPACITORS, CONDENSERS, RESISTORS AND THE LIKE INVOLVING THE USE OF TITANIUM.
Claims use since Aug. 30, 1945.

CLASS 22

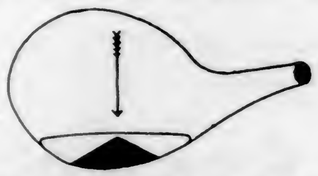
GAMES, TOYS, AND SPORTING GOODS

Reg. No. 294,136. Registered May 17, 1932. KENNETH SMITH, Kansas City, Mo. Republished by registrant.

PERFO-GRIP

The word "Grip" is disclaimed apart from the mark as shown.
FOR GOLF CLUBS AND PARTS OF GOLF CLUBS.
Claims use since Dec. 19, 1931.

Reg. No. 308,967. Registered Dec. 26, 1933. KENNETH SMITH, Kansas City, Mo. Republished by registrant.



The lining of the drawing is intended to indicate shading only. The representation of a golf club is disclaimed.
FOR FINISHED WOOD AND IRON GOLF CLUBS.
Claims use since Oct. 15, 1931.

Reg. No. 319,431. Registered Nov. 27, 1934. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

Pronto

FOR BRIDGE SCORE INDICATORS.
Claims use since Aug. 1, 1934.

Reg. No. 327,093. Registered Aug. 13, 1935. KENNETH SMITH, Kansas City, Mo. Republished by registrant.



The trade-mark consists of a silver-white dot in contrast to the color of the golf club head, and located in opposed relation on each side of the heel or neck of the said head, incorporated in the material forming the golf club head, either by setting a pin in the material, or by imprinting with paint. The representation of the golf club head forms no part of applicant's mark.
FOR GOLF CLUBS.
Claims use since November 1927.

Reg. No. 332,549. Registered Feb. 18, 1936. GENERAL SPORTS, INC., Chicago, Ill. Republished by Wilson Sporting Goods Co., Chicago, Ill., a corporation of Delaware.

TURF RIDER

FOR GOLF CLUBS AND GOLF BALLS.
Claims use since July 18, 1934.

Reg. No. 332,550. Registered Feb. 18, 1936. GENERAL SPORTS, INC., Chicago, Ill. Republished by Wilson Sporting Goods Co., Chicago, Ill., a corporation of Delaware.

Sweepstakes

FOR GOLF CLUBS AND GOLF BALLS.
Claims use since Aug. 30, 1934.

Reg. No. 348,732. Registered Aug. 3, 1937. KENNETH SMITH, Lenexa, Kans. Republished by registrant.

AROWIN

FOR GOLF CLUBS AND PARTS THEREOF.
Claims use since November 1936

Reg. No. 356,063. Registered Apr. 12, 1938. MEIER & FRANK COMPANY, INC., Portland, Oreg., a corporation of Oregon. Republished by registrant.

Timberline

FOR SKIS, SKI BINDINGS, AND SKI POLES.
Claims use since Sept. 27, 1937.

Reg. No. 380,121. Registered Aug. 6, 1940. KENNETH SMITH, Lenexa, Kans. Republished by registrant.

Signet

FOR GOLF CLUBS.
Claims use since Apr. 15, 1940.

Reg. No. 433,247. Registered Sept. 30, 1947. ISADORE HOROWITZ, Bossier City, La. Republished by registrant.

SKY SKOOTER

The word "Skooter" is disclaimed apart from the mark as shown.
FOR PLAYGROUND EQUIPMENT—NAMELY, DOUBLE SEATED PUMPING SWINGS.
Claims use since Apr. 23, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 178,235. Registered Jan. 8, 1924. CHAMPION PNEUMATIC MACHINERY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

PMC

FOR AIR COMPRESSORS AND AIR WATER STANDS.
Claims use since Jan. 1, 1919.

Reg. No. 270,927. Registered May 20, 1930. THE BILLINGS & SPENCER COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.

BILLINGS B

The word "Billings" is disclaimed apart from the mark as shown.
FOR TOOLS AND FOR MACHINERY, INCLUDING ALL KINDS AND TYPES OF THE FOLLOWING GOODS: WRENCHES, TONGS, CLAMPS, DOGS, PLIERS, VISES, WRENCH SOCKETS, PUNCHES, CHISELS, SCREW DRIVERS, DRIFTS, DRILL SOCKETS, REAMER HOLDERS, RATCHET DRILLS, HAMMERS, HANDLES, COTTER-PIN TOOLS, NURLING TOOLS, CUTTING-OFF TOOLS AND HOLDERS, AND ALL COMBINATIONS OF SUCH TOOLS, DROP HAMMERS, DIE-SINKING MACHINES, TRIMMING PRESSES, MILLING MACHINES, TRIMMING MILLERS.
Claims use since Apr. 1, 1926.

Reg. No. 275,269. Registered Sept. 16, 1930. DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Delta

FOR WOODWORKING MACHINES CONSISTING OF ROUTING AND BORING MACHINES, LATHES, CIRCULAR SAWS, SCROLL SAWS, BAND SAWS, JOINTERS, SANDERS, AND WORKSHOP COMBINATIONS CONSISTING OF TWO OR MORE OF THE ABOVE-NAMED MACHINES.
Claims use since Oct. 8, 1927.

Reg. No. 313,287. Registered May 22, 1934. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

PRINTOGRAPH

FOR PRINTING MACHINE.
Claims use since Jan. 3, 1933.

Reg. No. 329,422. Registered Oct. 29, 1935. CHAMPION PNEUMATIC MACHINERY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

C-P

FOR AUTOMATIC BEER PUMPS.
Claims use since June 1, 1935.

Reg. No. 339,979. Registered Oct. 27, 1936. WINDSOR AUTOMATIC COMPANY, INC., Windsor, Vt. Republished by The Billings & Spencer Company, Hartford, Conn., a corporation of Connecticut.

DI-MATIC

FOR SCREW MACHINE.
Claims use since Mar. 1, 1935.

Reg. No. 354,818. Registered Feb. 22, 1938. THE BILLINGS & SPENCER COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.

VITALLOY

FOR WRENCHES.
Claims use since on or about Oct. 5, 1937.

Reg. No. 355,274. Registered Mar. 8, 1938. GEORGE GORTON MACHINE CO., Racine, Wis. Republished by George Gorton Machine Co., Racine, Wis., a corporation of Wisconsin.

GORTON Super-Speed

FOR MILLING MACHINES.
Claims use since on or about May 12, 1936.

Reg. No. 361,283. Registered Oct. 11, 1938. THE BILLINGS & SPENCER COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.

VITALLOY

FOR PLIERS AND HAMMERS.
Claims use since Mar. 9, 1938.

Reg. No. 369,416. Registered July 25, 1939. DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

UNISAW

FOR CIRCULAR SAWS AND SAW TABLES.
Claims use since Sept. 23, 1938.

Reg. No. 380,386. Registered Aug. 20, 1940. THE AMERICAN PULLEY COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

AMERICAN GRIPLEX

The word "American" is disclaimed apart from the mark as shown.
FOR PULLEYS AND PULLEY SETS.
Claims use since Dec. 23, 1939.

Reg. No. 392,952. Registered Jan. 20, 1942. LE ROI COMPANY, West Allis, Wis., a corporation of Wisconsin. Republished by registrant.

LE ROI

FOR INTERNAL COMBUSTION ENGINES, AIR OR GAS COMPRESSORS, AND PARTS THEREOF.
Claims use since about June 1915.

Reg. No. 403,815. Registered Oct. 19, 1943. THE DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

UNIVISE

FOR WORK HOLDING ATTACHMENTS FOR GRINDING MACHINES.
Claims use since Apr. 16, 1943.

Reg. No. 404,357. Registered Nov. 23, 1943. THE AMERICAN PULLEY COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ECON-O-MATIC

FOR BASE SUPPORTS FOR MOTORS AND POWER TRANSMISSION DRIVES COMPRISING DRIVING AND DRIVEN PULLEYS AND THE DRIVING BELT SOLD AS A UNIT.
Claims use since Apr. 14, 1942.

Reg. No. 426,795. Registered Jan. 14, 1947. MURRAY & TREGURTHA, INC., Quincy, Mass., a corporation of Massachusetts. Republished by registrant.

HARBORMASTER

FOR PROPELLER MECHANISM FOR BOATS, BARGES, AND THE LIKE.
Claims use since May 9, 1945.

Reg. No. 432,284. Registered Aug. 26, 1947. SPACARB, INC., New York, N. Y., a corporation of Delaware. Republished by registrant.



FOR SELF-VENDING, CARBONATED BEVERAGE MACHINES.
Claims use since Sept. 24, 1946.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 356,941. Registered May 17, 1938. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

REVOLITE

FOR LAUNDRY ROLL COVERS.
Claims use since Oct. 18, 1937.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 278,092. Registered Dec. 2, 1930. ELECTRO-MASTER COMPANY, Detroit, Mich., assignor to Electromaster, Inc. Republished by Electromaster, Inc., Mount Clemens, Mich., a corporation of Michigan.

Electrowand

FOR THERMOSTATS.
Claims use since July 26, 1929.

Reg. No. 302,013. Registered Mar. 21, 1933. DELTA MANUFACTURING COMPANY, doing business as Delta Specialty Company, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

AUTO-SET

The word "Set" is disclaimed apart from the mark as shown.
FOR SAW GAGES, PARTICULARLY MITER GAGES.
Claims use since Oct. 11, 1932.

Reg. No. 384,527. Registered Jan. 21, 1941. THE VENDO COMPANY, Kansas City, Mo., a corporation of Missouri. Republished by registrant.

Vendo

FOR COIN CHANGING MACHINES.
Claims use since Sept. 5, 1939.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 279,464. Registered Jan. 13, 1931. EDWIN F. M. SPEIDEL, doing business as Automatic Gold Chain Co., Providence, R. I. Republished by Speidel Corporation, Providence, R. I., a corporation of Rhode Island.

DEFENDER

FOR JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES.
Claims use since May 1, 1930.

Reg. No. 296,620. Registered Aug. 16, 1932. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.



FOR JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES.
Claims use since Apr. 1, 1932.

615 O. G.—41

Reg. No. 353,502. Registered Jan. 11, 1938. SPEIDEL CORPORATION, Providence, R. I., a corporation of Rhode Island. Republished by registrant.

AWBCo

FOR PINS, CLIPS, AND CHAINS MADE OF OR PLATED IN WHOLE OR IN PART WITH PRECIOUS METAL; BRACELETS, WATCH BRACELETS, BRACELET PARTS, BRACELET FINDINGS, BROOCHES, PENDANTS, COSTUME JEWELRY, AND ORNAMENTAL ARTICLES OF JEWELRY FOR PERSONAL WEAR GENERALLY, NOT INCLUDING WATCHES.
Claims use since Oct. 6, 1936.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 390,264. Registered Sept. 16, 1941. MOTOR PRODUCTS CORPORATION, Detroit, Mich., and North Chicago, Ill., a corporation of New York. Republished by registrant, present address Detroit, Mich.

Deepfreeze

FOR REFRIGERATING APPARATUS AND PARTS THEREOF.
Claims use since May 10, 1940.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 222,145. Registered Dec. 21, 1926. SIMON MATTRESS MANUFACTURING CO., San Francisco, Calif., a corporation of California. Republished by registrant.

SPRING MAID

FOR MATTRESSES.
Claims use since Feb. 1, 1925.

Reg. No. 388,916. Registered July 15, 1941. CAVALIER CORPORATION, Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

STOW-AWAY

FOR CONSOLES.
Claims use since Feb. 27, 1941.

Reg. No. 388,917. Registered July 15, 1941. CAVALIER CORPORATION, Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

AROMA-FLOW

The word "Aroma" is disclaimed apart from the mark as shown.
FOR CONSOLES.
Claims use since Feb. 27, 1941.

Reg. No. 432,104. Registered Aug. 19, 1947. CAVALIER CORPORATION, Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

Write away

FOR COMBINATION DESK AND CHEST.
Claims use since July 25, 1946.

Reg. No. 433,309. Registered Oct. 7, 1947. THONET BROTHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

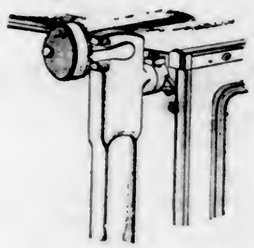
THONET BENT WOOD

The words "Bent Wood" and the representation of a chair are disclaimed apart from the mark as shown.
FOR FURNITURE—NAMELY, CHAIRS, STOOL AND TABLES.
Claims use since February 1926.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 167,529. Registered May 1, 1923. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.



The representation of the stove is disclaimed apart from the mark as shown. The trade-mark consists in painting or coloring the controlling wheel of the stove red.
FOR GAS, COAL, OIL, AND GASOLINE STOVES.
Claims use since Dec. 10, 1920.

Reg. No. 179,830. Registered Feb. 19, 1924. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.



FOR GAS, COAL, OIL, AND GASOLINE STOVES.
Claims use since September 1922.

Reg. No. 194,662. Registered Feb. 3, 1925. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.

GEM

FOR HYDROCARBON BURNERS IN WHICH PETROLEUM IS USED.
Claims use since 1878.

Reg. No. 329,964. Registered Nov. 19, 1935. NORTHWESTERN STOVE REPAIR CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

NORCO

FOR HOUSE AND BUILDING HEATING FURNACES FOR USE WITH COAL, COKE, GAS AND OIL FUELS; KITCHEN HEATER STOVES FOR USE WITH COAL, COKE, GAS AND OIL FUELS; GAS RANGES, AND PARTS FOR THE FOREGOING.
Claims use since July 1, 1924.

Reg. No. 368,905. Registered July 4, 1939. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.

Magic Chef

FOR DOMESTIC GAS RANGES, HEAVY DUTY OR RESTAURANT GAS RANGES, GAS HEATED BROILERS, BAKE OVENS, HOT PLATES, FRIERS AND GRILLS, OIL STOVES, COAL AND WOOD COOKING STOVES, COMBINATION OIL AND GAS RANGES, COMBINATION COAL OR WOOD AND GAS RANGES, COMBINATION GAS HEATING AND COOKING RANGES.
Claims use since July 1932.

Reg. No. 374,737. Registered Jan. 23, 1940. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.



FOR DOMESTIC GAS RANGES.
Claims use since July 5, 1939.

Reg. No. 379,172. Registered July 2, 1940. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.

QUICK MEAL

FOR COAL AND WOOD COOKING STOVES AND RANGES; GAS, GASOLINE, AND OIL STOVES AND RANGES; COMBINATION OIL AND GAS COOKING RANGES; COMBINATION COAL AND GAS COOKING RANGES; AND PARTS FOR THE FOREGOING RANGES.
Claims use since June 15, 1935.

Reg. No. 385,000. Registered Feb. 11, 1941. HESS WARMING & VENTILATING COMPANY, Chicago, Ill. Republished by The Hess Company, Chicago, Ill., a corporation of Illinois.

BENEFACTOR

FOR COAL, COKE, OIL AND GAS BURNERS AND FURNACES FOR HEATING PURPOSES.
Claims use since Jan. 27, 1933.

Reg. No. 391,399. Registered Nov. 4, 1941. THE G. S. BLODGETT CO., INC., Burlington, Vt., a corporation of Vermont. Republished by registrant.

BLODGETT

FOR BAKING AND ROASTING OVENS.
Claims use since 1850.

Reg. No. 397,896. Registered Sept. 29, 1942. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.

Magic Chef

FOR GASEOUS FUEL BURNING DOMESTIC COOKING RANGES.
Claims use since Dec. 1, 1941.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 23,420. Registered July 25, 1893. GARLOCK PACKING CO., Palmyra, N. Y. Republished by The Garlock Packing Company, Palmyra, N. Y., a corporation of New York.

TRADE GARLOCK MARK

FOR PACKING, AND PARTICULARLY PISTON ROD AND VALVE PACKING, BOTH METALLIC AND NONMETALLIC, AND PACKINGS FOR MACHINERY GENERALLY.
Claims use since July 1, 1890.

Reg. No. 73,633. Registered May 4, 1909. THE AMERICAN MANUFACTURING COMPANY, Charleston, W. Va., and New York, N. Y. Republished by American Manufacturing Company, Brooklyn, N. Y., a corporation of Massachusetts.

EAGLE

FOR PACKING FOR PIPE-JOINTS.
Claims use since on or about Jan. 1, 1901.

Reg. No. 140,772. Registered Mar. 29, 1921. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

STERLING

FOR LEATHER BELTING.
Claims use since 1890.

Reg. No. 141,891. Registered May 3, 1921. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

CHICAGO BELTING STERLING COMPANY

The word "Sterling" is disclaimed apart from the mark as shown.
FOR LEATHER BELTING.
Claims use since 1890.

Reg. No. 141,892. Registered May 3, 1921. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

CHICAGO

FOR LEATHER BELTING.
Claims use since 1890.

Reg. No. 141,893. Registered May 3, 1921. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.



The words "Made in U. S. A.," "Trade-Mark" and "Leather Belting" are disclaimed apart from the mark as shown.

FOR LEATHER BELTING.
Claims use since Aug. 4, 1920.

Reg. No. 141,894. Registered May 3, 1921. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.



FOR LEATHER BELTING.
Claims use since 1910.

Reg. No. 171,537. Registered Aug. 7, 1923. CHICAGO BELTING COMPANY, Chicago, Ill. Republished by Chicago Belting Company, Chicago, Ill., a corporation of Delaware.

Flextan

FOR LEATHER BELTING.
Claims use since Jan. 17, 1923.

Reg. No. 252,896. Registered Feb. 19, 1929. J. E. RHOADS & SONS, Philadelphia, Pa., a firm. Republished by registrant.



The word "Watershed" is disclaimed apart from the mark as shown.

FOR LEATHER BELTING.
Claims use since Oct. 3, 1925.

CLASS 37

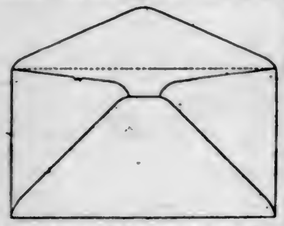
PAPER AND STATIONERY

Reg. No. 49,487. Registered Feb. 6, 1906. ROARING SPRING BLANK BOOK CO., Roaring Spring, Pa. Republished by Roaring Spring Blank Book Co., Roaring Spring, Pa., a corporation of Pennsylvania.



FOR BLANK BOOKS, TABLETS, AND FLAT PAPERS.
Claims use since 1895.

Reg. No. 108,145. Registered Jan. 18, 1916. WESTERN STATES ENVELOPE CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



The representation of the envelope is disclaimed.
FOR ENVELOPS.
Claims use since July 1914.

Reg. No. 120,563. Registered Feb. 19, 1918. DIAMOND STATE FIBRE COMPANY, Bridgeport, Conn. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

PARCHMOID

FOR WRAPPING AND TRACING PAPER.
Claims use since about Jan. 1, 1916.

Reg. No. 218,794. Registered Oct. 5, 1926. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

Sanigenic

FOR BREAD WRAPPING PAPER.
Claims use since January 1920.

Reg. No. 241,505. Registered May 1, 1928. B. E. LAWRENCE & CO., INC., Chicago, Ill. Republished by Columbian Art Works, Inc., Milwaukee, Wis., a corporation of Wisconsin.

4 :=: 1

FOR CALENDAR PADS.
Claims use since Sept. 5, 1927.

Reg. No. 284,475. Registered June 30, 1931. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

Cellopack

FOR WRITING AND PRINTING PAPER AND MAILING ENVELOPES IN PACKAGES.
Claims use since Sept. 16, 1930.

Reg. No. 290,801. Registered Jan. 19, 1932. WHITE & WYCKOFF MFG. CO., Riverside, Mass., a corporation of Massachusetts. Republished by registrant.

ParValue

FOR PRICE BOOK FILLERS, LOOSE-LEAF FILLERS, TYPEWRITER PAPER, TABLETS OF PAPER, PADS OF PAPER, CORRESPONDENCE CARDS, MAILING ENVELOPES AND BOXED WRITING PAPER.
Claims use since June 1929.

Reg. No. 293,679. Registered May 3, 1932. WHITE & WYCKOFF MFG. CO., Holyoke and Riverside, Mass., a corporation of Massachusetts. Republished by registrant.

Flax Wheel
Homespun Linen

The words "Homespun Linen" are disclaimed apart from the mark as shown.

FOR WRITING AND PRINTING PAPER, MAILING ENVELOPES, PAPETERIES, WRITING TABLETS, POUND PAPERS, PACKAGE PAPERS, COMPOSITION BOOKS AND CUT CARDS.
Claims use since Oct. 22, 1922.

Reg. No. 296,025. Registered July 19, 1932. WHITE & WYCKOFF MFG. CO., Holyoke and Riverside, Mass., a corporation of Massachusetts. Republished by registrant.



The outline of the label is disclaimed apart from the mark as shown.

FOR WRITING AND PRINTING PAPER AND PAPETERIES.
Claims use since Jan. 10, 1932.

Reg. No. 323,565. Registered Apr. 23, 1935. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.



FOR WRITING PAPER TABLETS, COMPOSITION BOOKS, NOTEBOOKS, PAPETERIES, MAILING ENVELOPES, CARDS FOR GREETING AND ANNOUNCEMENT PURPOSES AND WRITING AND PRINTING PAPER.
Claims use since July 1933.

Reg. No. 346,187. Registered May 18, 1937. WM. KORN, INC., New York, N. Y., a corporation of New York. Republished by registrant.

KORN'S

FOR LITHOGRAPH CRAYONS, LITHOGRAPHIC CRAYON PAPER PENCILS, METAL MARKING CRAYONS, AND UNIVERSAL CRAYON PAPER PENCILS.
Claims use since 1880.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 104,522. Registered June 1, 1915. AMERICAN MANUFACTURING COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present address Brooklyn, N. Y.

YARNS

FOR MONTHLY MAGAZINE.
Claims use since May 15, 1911.

Reg. No. 138,370. Registered Dec. 21, 1920. OSCAR H. WILL & CO., Bismarck, N. Dak., a corporation of North Dakota. Republished by registrant.

WILL'S
PIONEER SEED HOUSE NURSERY & GREENHOUSES OF THE NORTHWEST

FOR PERIODICALS ISSUED ANNUALLY.
Claims use since Jan. 1, 1916.

Reg. No. 188,826. Registered Sept. 2, 1924. DELTA TAU DELTA FRATERNITY, New York, N. Y., a corporation of New York. Republished by registrant, present address Indianapolis, Ind.

THE RAINBOW

FOR NEWS AND LITERARY PUBLICATION PUBLISHED QUARTERLY.
Claims use since April 1886.

Reg. No. 202,858. Registered Sept. 8, 1925. AMERICAN STOVE COMPANY, St. Louis, Mo., a corporation of New Jersey. Republished by registrant.

MAGIC CHEF

FOR PUBLICATION ISSUED MONTHLY.
Claims use since September 1920.

Reg. No. 243,004. Registered June 12, 1928. RADIO ENGINEERING MAGAZINE, INC., New York, N. Y. Republished by Bryan Davis Publishing Co., Inc., New York, N. Y., a corporation of New York.

RADIO ENGINEERING

FOR A MONTHLY MAGAZINE.
Claims use since Sept. 1, 1921.

Reg. No. 324,722. Registered May 28, 1935. DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Deltagram

FOR PERIODICAL PUBLICATIONS.
Claims use since January 1932.

Reg. No. 358,854. Registered July 26, 1938. FRENCH-STAMATS COMPANY, Cedar Rapids, Iowa. Republished by Stamats Publishing Company, Cedar Rapids, Iowa, a corporation of Iowa.

THE PERFECT HOME

FOR MONTHLY MAGAZINES.
Claims use since Oct. 1, 1934.

Reg. No. 375,702. Registered Feb. 27, 1940. THE FIRM OF JOHN DICKINSON SCHNEIDER, Chicago, Ill., a firm. Republished by registrant.

Litho Craftsman

FOR LITHOGRAPHED, PRINTED, AND GRAVURE MATTER SUCH AS CATALOGS, BROADSIDES, BOOKLETS, PAMPHLETS, AND LABELS.
Claims use since July 3, 1939.

Reg. No. 380,045. Registered Aug. 6, 1940. GARTNER & BENDER, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

GOLDEN BELL

FOR GREETING CARDS.
Claims use since Jan. 25, 1940.

Reg. No. 381,288. Registered Sept. 17, 1940. GARTNER & BENDER, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR GREETING CARDS.
Claims use since Mar. 25, 1940.

Reg. No. 388,912. Registered July 15, 1941. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

"NORTHERN LIGHTS"

FOR GREETING CARDS.
Claims use since Dec. 30, 1940.

Reg. No. 399,296. Registered Dec. 29, 1942. THE FIRM OF JOHN DICKINSON SCHNEIDER, Chicago, Ill., a firm. Republished by registrant.

Printer Craftsman

The word "Printer" is disclaimed apart from the mark as shown.
FOR PRINTED, LITHOGRAPHED, AND GRAVURE MATTER SUCH AS CATALOGS, BROADSIDES, BOOKLETS, PAMPHLETS, AND LABELS.
Claims use since May 10, 1921.

Reg. No. 426,036. Registered Dec. 10, 1946. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

smarty pants

FOR GREETING CARDS.
Claims use since Jan. 31, 1946.

Reg. No. 426,037. Registered Dec. 10, 1946. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

"WINTER WONDERLAND"

FOR GREETING CARDS.
Claims use since Jan. 31, 1946.

Reg. No. 426,039. Registered Dec. 10, 1946. WHITE & WYCKOFF MFG. CO., Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

Winter-Glo

FOR GREETING CARDS.
Claims use since Jan. 31, 1946.

Reg. No. 428,867. Registered Apr. 8, 1947. GARTNER & BENDER, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR GREETING CARDS.
Claims use since Dec. 10, 1945.

CLASS 39

CLOTHING

Reg. No. 55,321. Registered Aug. 14, 1906. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



FOR LEATHER BOOTS AND SHOES.
Claims use since Sept. 5, 1902.

Reg. No. 67,514. Registered Feb. 4, 1908. THE JOSEPH N. EISENDRATH COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

EISENDRATH GLOVE CO.

FOR GLOVES, MITTENS, AND GAUNTLETS MADE OF LEATHER.
Claims use since about the year 1876.

Reg. No. 79,106. Registered Aug. 9, 1910. ISSACHAR COZZENS, New York, N. Y. Republished by Rambo & Regar, Incorporated, Norristown, Pa., a corporation of Pennsylvania.



THE WESTON

FOR HOSIERY.
Claims use since about Oct. 10, 1909.

Reg. No. 80,635. Registered Jan. 17, 1911. G. H. BASS & Co., Wilton, Maine, a corporation of Maine. Republished by registrant.

BASS

FOR BOOTS, SHOES, SLIPPERS, AND MOCCASINS MADE OF LEATHER.
Claims use since 1879.

Reg. No. 111,561. Registered July 25, 1916. CARTER & CHURCHILL CO., Lebanon, N. H. Republished by Carter & Churchill Company, Lebanon, N. H., a firm.

PROFILE

FOR COATS, MACKINAWS, DRESS, NEGLIGEE AND WORK SHIRTS AND OVERALLS.
Claims use since 1896.

Reg. No. 130,326. Registered Apr. 20, 1920. ROBERT C. KING & Co., New York, N. Y., a firm. Republished by registrant.

Laurette

FOR MEN'S, LADIES', CHILDREN'S AND INFANTS' UNDERWEAR IN ONE AND TWO PIECE GARMENTS AND FOR HOSIERY.
Claims use since Dec. 5, 1917.

Reg. No. 130,327. Registered Apr. 20, 1920. ROBERT C. KING & Co., New York, N. Y., a firm. Republished by registrant.

Premiere

FOR MEN'S, LADIES', CHILDREN'S AND INFANTS' UNDERWEAR IN ONE AND TWO PIECE GARMENTS.
Claims use since Jan. 16, 1919.

Reg. No. 164,084. Registered Feb. 13, 1923. DONALD B. ABBOTT, Auburn, Maine. Republished by G. H. Bass & Co., Wilton, Maine, a corporation of Maine.

SPORTOCASIN

FOR SHOES MADE OF LEATHER AND OF LEATHER AND RUBBER COMBINED.
Claims use since Apr. 20, 1922.

Reg. No. 173,346. Registered Sept. 25, 1923. MAY HOSIERY MILLS, INCORPORATED, Burlington, N. C. Republished by Lynchburg Hosiery Mills, Inc., Lynchburg, Va., a corporation of Virginia.

GREENBACK

FOR HOSIERY, UNDERWEAR OF KNITTED OR TEXTILE FABRIC FOR MEN, WOMEN AND CHILDREN, AND OUTER GARMENTS CONSISTING OF DRESSES, SKIRTS, AND SWEATERS.
Claims use since 1910.

Reg. No. 189,263. Registered Sept. 16, 1924. WEINERTH KNITTING & MACHINE COMPANY, INC., Reading, Pa. Republished by Laurel Hosiery Company, Reading, Pa., a corporation of Pennsylvania.

Miss Reading

FOR LADIES' HOSIERY.
Claims use since Dec. 28, 1923.

Reg. No. 209,165. Registered Feb. 16, 1926. DESMOND CLOTHING COMPANY, Los Angeles, Calif. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

PREPSTYLE

FOR MEN'S WEARING APPAREL—NAMELY, MEN'S AND BOYS' SUITS, CONSISTING OF COAT, VEST, AND TROUSERS, KNICKERS, OVERCOATS, EVERYDAY SHIRTS, TIES, COLLARS, SWEATERS, MEN'S AND BOYS' HATS, MEN'S AND BOYS' CAPS, AND LEATHER SHOES.
Claims use since Aug. 1, 1924.

Reg. No. 252,197. Registered Jan. 29, 1929. WEINERTH KNITTING & MACHINE COMPANY, Reading, Pa. Republished by Laurel Hosiery Company, Reading, Pa., a corporation of Pennsylvania.

CELEBRITY

FOR KNITTED UNDERWEAR AND HOSIERY FOR MEN, WOMEN, AND CHILDREN.
Claims use since Mar. 8, 1928.

Reg. No. 263,325. Registered Nov. 5, 1929. BENJAMIN SHANDER, Philadelphia, Pa. Republished by Benjamin Shander, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania.



The descriptive terms "Style," "Size 54," and "Underthings," and the outline representation of the label are disclaimed apart from the mark shown on the drawing.
FOR LADIES' UNDERWEAR OF TEXTILE FABRIC.
Claims use since June 1, 1926.

Reg. No. 264,897. Registered Dec. 10, 1929. DESMOND'S, Los Angeles, Calif. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

"Beach Club"

FOR SOFT FELT HATS FOR MEN AND BOYS.
Claims use since July 1926.

Reg. No. 273,333. Registered July 29, 1930. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

TOWN WAY

FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since about Feb. 15, 1930.

Reg. No. 274,823. Registered Sept. 9, 1930. JACOB C. HECKELMAN, doing business as The Olympic Glove Company, New York, N. Y. Republished by Jacob C. Heckelman, New York, N. Y.

OLYMPIC

FOR GLOVES AND MITTENS MADE FROM LEATHER, CLOTH, AND RUBBER; APRONS MADE FROM LEATHER OR CLOTH FOR KEEPING THE CLOTHES CLEAN, SLEEVES, LEGGINGS.
Claims use since December 1926.

Reg. No. 279,087. Registered Jan. 6, 1931. HEWES & POTTER, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

SPUR

FOR MEN'S FOUR-IN-HAND NECKTIES AND OTHER NECKTIES FOR MEN.
Claims use since Dec. 1, 1922.

Reg. No. 282,216. Registered Apr. 14, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

TOWN WAY

FOR MEN'S SWEATERS; HATS, CAPS; NECKTIES; DRESS, NEGLIGEE, AND UNDER SHIRTS OF KNITTED AND TEXTILE FABRIC; STOCKINGS, SOCKS; BOOTS AND SHOES OF LEATHER, RUBBER, AND FABRIC AND COMBINATIONS THEREOF; UNDERWEAR OF KNITTED AND TEXTILE FABRIC, PAJAMAS, NIGHTSHIRTS, BATH ROBES, SMOKING JACKETS, AND HOUSEGOWNS.
Claims use since about Feb. 15, 1930.

Reg. No. 286,495. Registered Sept. 1, 1931. KNIT PRODUCTS CORPORATION, Belmont, N. C., a corporation of North Carolina. Republished by registrant.

De-Moda

FOR LADIES', MEN'S, AND CHILDREN'S HOSIERY.
Claims use since Oct. 2, 1930.

Reg. No. 289,158. Registered Nov. 17, 1931. MAY HOSIERY MILLS, INC., Burlington, N. C. Republished by May McEwan Kaiser Co., Burlington, N. C., a corporation of North Carolina.

Willow Dale

FOR HOSIERY.
Claims use since July 9, 1931.

Reg. No. 291,067. Registered Jan. 26, 1932. KNIT PRODUCTS CORPORATION, Belmont, N. C., a corporation of North Carolina. Republished by registrant.

VISION

FOR HOSIERY.
Claims use since June 6, 1931.

Reg. No. 293,140. Registered Apr. 12, 1932. MAY HOSIERY MILLS, INC., Burlington, N. C. Republished by May McEwan Kaiser Co., Burlington, N. C., a corporation of North Carolina.

Inspiration

FOR HOSIERY.
Claims use since Nov. 17, 1931.

Reg. No. 294,797. Registered June 7, 1932. MAY HOSIERY MILLS, INC., Burlington, N. C. Republished by May McEwan Kaiser Co., Burlington, N. C., a corporation of North Carolina.

ROSE DAWN

FOR HOSIERY.
Claims use since Feb. 4, 1932.

Reg. No. 297,753. Registered Sept. 27, 1932. KNIT PRODUCTS CORPORATION, Belmont, N. C., a corporation of North Carolina. Republished by registrant.

Tide of Fashion

The words "Of Fashion" are disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since Jan. 29, 1932.

Reg. No. 298,256. Registered Oct. 18, 1932. HASPEL BROTHERS, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

LUZIANNE

FOR MEN'S AND BOYS' SUMMER SUITS.
Claims use since May 25, 1932.

Reg. No. 301,269. Registered Feb. 21, 1933. RAMBO & REGAR, INCORPORATED, Norristown, Pa., a corporation of Pennsylvania. Republished by registrant.

UP'N-DOWN ANKLETS

The word "Anklets" is disclaimed apart from the mark as shown.
FOR ANKLETS.
Claims use since Aug. 31, 1932.

Reg. No. 321,164. Registered Jan. 22, 1935. JOSEPH MANN, Boston, Mass. Republished by registrant.

Lady Fashion HOSIERY

The words "Fashion" and "Hosiery" are disclaimed apart from the mark as shown.
FOR LADIES' HOSIERY.
Claims use since Jan. 1, 1933.

Reg. No. 326,136. Registered July 16, 1935. MAY HOSIERY MILLS, INC., Burlington, N. C. Republished by May McEwan Kaiser Co., Burlington, N. C., a corporation of North Carolina.

Camco

FOR HOSIERY.
Claims use since Dec. 5, 1922.

Reg. No. 336,222. Registered June 30, 1936. LYNCHBURG HOSIERY MILLS, INC., Lynchburg, Va., a corporation of Virginia. Republished by registrant.

NATURAL BRIDGE

FOR HOSIERY.
Claims use since Jan. 15, 1931.

Reg. No. 348,889. Registered Aug. 17, 1937. JOLLY KIDS GARMENT MFG. COMPANY, Belding, Mich. Republished by Jolly Kids Togs, Chicago, Ill., a limited partnership.

·JOLLY·
KIDS TOGS

The words "Kids Togs" are disclaimed apart from the mark as shown.
FOR INFANTS' AND CHILDREN'S PLAY SUITS, PAJAMAS, SUITS, COATS, AND SNOW SUITS, BATHROBES, KIMONAS, SLIPS, GOWNS, CREEPERS, AND BABY BUNTINGS.
Claims use since on or about May 1, 1927.

Reg. No. 349,083. Registered Aug. 17, 1937. HASPEL BROTHERS, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

IRISH-TOWN

FOR MEN'S AND BOYS' SUITS, COATS, PANTS, TROUSERS, AND VESTS.
Claims use since February 1937.

Reg. No. 355,520. Registered Mar. 22, 1938. HASPEL BROTHERS, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

KING FLAX

The word "Flax" is disclaimed apart from the mark as shown.
FOR MEN'S AND BOYS' SUITS, COATS, PANTS, TROUSERS, AND VESTS, ALL MADE EXCLUSIVELY OF IMPORTED IRISH LINEN.
Claims use since January 1937.

Reg. No. 357,458. Registered June 7, 1938. MEIER & FRANK COMPANY, INC., Portland, Oreg., a corporation of Oregon. Republished by registrant.

Timberline

FOR MEN'S, WOMEN'S AND CHILDREN'S SKI CLOTHING—NAMELY, SUITS, PANTS, JACKETS, CAPS, SHIRTS, SOCKS, SWEATERS, SCARFS, GLOVES AND MITTENS OF LEATHER AND FABRIC AND COMBINATIONS THEREOF AND BOOTS; AND MEN'S, WOMEN'S AND CHILDREN'S WOOL MITTENS AND GLOVES, CLIMBING SOCKS, WOOL AND SUEDE CAPS, HELMETS, SPORT SHIRTS, GARTERS, SCARFS, SNOW SUITS AND SLEEPING BAGS.
Claims use since Sept. 27, 1937.

Reg. No. 362,873. Registered Dec. 6, 1938. COHEN, GOLDMAN & Co., INC., New York, N. Y. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

Leisure-Slak

The word "Slak" is disclaimed apart from the mark as shown.
FOR MEN'S AND BOYS' TROUSERS AND PANTS.
Claims use since Aug. 1, 1937.

Reg. No. 363,462. Registered Dec. 27, 1938. JOSEPH MANN, Boston, Mass. Republished by registrant.

Lord
Fashion

The word "Fashion" is disclaimed apart from the mark as shown.
FOR MEN'S AND BOYS' HOSIERY.
Claims use since Jan. 1, 1938.

Reg. No. 369,238. Registered July 18, 1939. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.



The drawing is lined for the colors maroon and blue. No claim is made to the word "Hosiery" apart from the mark shown.
FOR MEN'S AND LADIES' HOSIERY.
Claims use since Jan. 31, 1939.

Reg. No. 371,539. Registered Sept. 26, 1939. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.

MIMOSA

FOR HOSIERY.
Claim suse since Apr. 14, 1939.

Reg. No. 371,968. Registered Oct. 17, 1939. MICHAELS, STERN & CO., INC., Rochester, N. Y. Republished by Michaels, Stern & Company, Incorporated, Rochester, N. Y., a corporation of New York.

TOURCOTE

FOR MEN'S AND BOYS' TOPCOATS.
Claims use since May 7, 1935.

Reg. No. 380,973. Registered Sept. 10, 1940. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.

FLATTERNIT

FOR HOSIERY.
Claims use since Feb. 1, 1940.

Reg. No. 381,025. Registered Sept. 10, 1940. RAINBOW SHOPS, INC., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

CHILL CHASERS
"IT'S SILLY TO BE CHILLY"

FOR LADIES' WOOLEN UNDERGARMENTS—NAMELY, VEST, PANTIES, UNIONSUITS, SLIPS, PAJAMAS, AND BED SOCKS.
Claims use since February 1935.

Reg. No. 384,234. Registered Jan. 7, 1941. MODERN CLOAK & SUIT CO. INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Modern Lady

FOR LADIES' COATS.
Claims use since Apr. 22, 1940.

Reg. No. 386,268. Registered Apr. 1, 1941. DESMOND'S, Los Angeles, Calif. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

WEDGE LOUNGE

The word "Lounge" is disclaimed apart from the mark as shown.
FOR MEN'S AND BOYS' SUITS, JACKETS, OVERCOATS, ROBES, SPORT COATS, AND OUTER SHIRTS, ALSO WOMEN'S SUITS, JACKETS, OVERCOATS, ROBES, SPORT COATS, AND BLOUSES.
Claims use since Mar. 15, 1940.

Reg. No. 389,745. Registered Aug. 19, 1941. BOSTON KNITTING MILLS, INC., Newton, Mass., a corporation of Massachusetts. Republished by registrant.

SKI-JAMAS

The word "Ski" is disclaimed apart from the mark as shown.
FOR ALL TYPES OF PAJAMAS, WITH OR WITHOUT FEET, FOR INFANTS, CHILDREN, AND ADULTS.
Claims use since 1935.

Reg. No. 390,301. Registered Sept. 16, 1941. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Glenmacara

FOR LADIES' AND MISSES' KNITTED SPORT SWEATERS AND TWO PIECE KNITTED DRESSES.
Claims use since Mar. 1, 1941.

Reg. No. 390,648. Registered Sept. 30, 1941. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Yoralam

FOR LADIES' AND MISSES' KNITTED SPORT SWEATERS.
Claims use since Oct. 1, 1938.

Reg. No. 391,832. Registered Nov. 25, 1941. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.

FLATTERTWIST

FOR HOSIERY.
Claims use since Apr. 17, 1941.

Reg. No. 395,488. Registered May 26, 1942. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.

Permatwist

FOR LADIES' HOSIERY.
Claims use since Oct. 31, 1941.

Reg. No. 395,748. Registered June 9, 1942. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.

R.N.

FOR LADIES' FULL FASHION HOSIERY.
Claims use since Aug. 21, 1941.

Reg. No. 395,832. Registered June 16, 1942. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Campus Trotter

FOR LADIES' AND MISSES' KNITTED SPORT SWEATERS AND TWO-PIECE KNITTED DRESSES.
Claims use since June 2, 1941.

Reg. No. 396,569. Registered July 28, 1942. O. M. BAILEY, Bristol, R. I. Republished by Otis M. Bailey, Inc., Bristol, R. I., a corporation of Rhode Island.

Ot-Ma-Ba

FOR MEN'S, WOMEN'S, AND CHILDREN'S APRONS, AND WOMEN'S EVENING GOWNS AND BALL GOWNS.
Claims use since Oct. 28, 1940.

Reg. No. 402,013. Registered June 22, 1943. HATCH FULL FASHIONED HOSIERY CO., Belmont, N. C., a corporation of North Carolina. Republished by registrant.

LEGACY

FOR HOSIERY.
Claims use since Aug. 1, 1942.

Reg. No. 406,801. Registered Apr. 25, 1944. TEL-A-FREND HOSIERY CO., Philadelphia, Pa., a firm. Republished by registrant, present address Wyncote, Pa.

TEL-A-FREND

FOR LADIES' FULL FASHIONED SILK, NYLON, AND RAYON HOSIERY.
Claims use since July 1937.

Reg. No. 412,625. Registered Mar. 20, 1945. RAINBOW SHOPS, INC., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

DREAM MAKERS

FOR BED JACKETS AND LOUNGING ROBES.
Claims use since March 1941.

Reg. No. 414,924. Registered July 3, 1945. ROBERT C. KING & CO., New York, N. Y., a firm. Republished by registrant.



FOR INFANTS' VESTS, PANTS, AND BANDS; CHILDREN'S AND JUVENILES' VESTS, PANTS, SUITS, UNDERSHIRTS, UNIONSUITS, BRIEFS, POLO SHIRTS, AND SWEATERS; LADIES' VESTS, PANTIES, BRIEFS, TIGHTS, UNIONSUITS, DRAWERS, SWEATERS AND SPORT SHIRTS; AND MEN'S AND BOYS' UNDERSHIRTS, SHORTS, BRIEFS, UNIONSUITS, POLO SHIRTS AND SWEATERS.
Claims use since June 1943.

Reg. No. 417,086. Registered Oct. 16, 1945. MICHAELS, STEARN & COMPANY, INCORPORATED, Rochester, N. Y., a corporation of New York. Republished by registrant.

TRANSCONTINENTAL

FOR MEN'S SUITS, VESTS, TROUSERS, TOPCOATS, AND OVERCOATS.
Claims use since June 9, 1944.

Reg. No. 418,561. Registered Jan. 1, 1946. TRIMCREST CORPORATION, New York, N. Y. Republished by Rainbow Shops, Inc., Brooklyn, N. Y., a corporation of New York.

TRIMCREST

FOR LADIES' SLIPS AND NIGHTGOWNS.
Claims use since May 8, 1945.

Reg. No. 419,169. Registered Feb. 5, 1946. HUFFMAN FULL FASHIONED MILLS, INC., Morganton, N. C., a corporation of North Carolina. Republished by registrant.

FLATTERNIT
FITTED HOSIERY
Supporter Lengths
FOR FLATTERING FIT

The words "Fitted Hosiery, Supporter Lengths, For Flattering Fit" are disclaimed apart from the mark as shown.
FOR LADIES' HOSIERY.
Claims use since June 8, 1945.

Reg. No. 425,011. Registered Oct. 29, 1946. DESMOND'S, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

THREE-SOME

FOR MEN'S AND BOYS' SUITS, OVERCOATS, TOPCOATS, VESTS, TROUSERS, SLACKS, HATS AND SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF; WOMEN'S DRESSES, SUITS, SLACKS, HATS, AND SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since May 1, 1925.

Reg. No. 427,160. Registered Jan. 28, 1947. SLEEPWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

RESTWELL

FOR PAJAMAS, MEN'S, BOYS', LADIES', CHILDREN'S, AND GIRLS'.
Claims use since Feb. 1, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 252,791. Registered Feb. 12, 1929. STUNZI SONS SILK COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Tacca

FOR ARTIFICIAL-SILK CREPE IN THE PIECE.
Claims use since Oct. 12, 1928.

Reg. No. 272,569. Registered July 8, 1930. THE ZAPON COMPANY, Wilmington, Del. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.



FOR WATERPROOF TEXTILE FABRICS.
Claims use since Jan. 23, 1930.

Reg. No. 318,313. Registered Oct. 23, 1934. THE KERATOL COMPANY, Newark, N. J. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

BANNERTEX

FOR MUSLIN USED FOR OUTDOOR ADVERTISING.
Claims use since Mar. 23, 1934.

Reg. No. 330,978. Registered Dec. 24, 1935. COHN-HALL-MARX CO., New York, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for the colors red and blue.
FOR FLAT WOVEN PIECE GOODS OF SILK, LINEN, COTTON, RAYON, WOOL, AND MIXTURES THEREOF
Claims use since on or about Aug. 1, 1933.

Reg. No. 359,352. Registered Aug. 16, 1938. MEIER & FRANK COMPANY, INC., Portland, Oreg., a corporation of Oregon. Republished by registrant.

Fortune House

FOR RUFFLED AND TAILORED CURTAINS, HAND-TAILORED BEDSPREADS OF SILK AND RAYONS; PIECE GOODS—NAMELY, DAMASK, PRINTED LINEN, PRINTED MOHAIR, PRINTED COTTONS, FOR DRAPERIES AND UPHOLSTERING PURPOSES; CURTAIN MATERIALS OF COTTON AND/OR LINEN YARNS, UPHOLSTERY FABRICS, WOOL, MOHAIR OR COTTON TAPESTRIES, AND MOHAIR CUT AND WOVEN PILE FABRICS.
Claims use since June 22, 1937.

Reg. No. 389,812. Registered Aug. 19, 1941. AMSTERDAM TEXTILES, Amsterdam, N. Y. Republished by Amsterdam Textiles, Inc., Amsterdam, N. Y., a corporation of New York.

RIPPLETONE RUGS

The word "Rugs" is disclaimed apart from the mark as shown.

FOR RUGS.
Claims use since Jan. 6, 1941.

CLASS 43

THREAD AND YARN

Reg. No. 199,158. Registered June 2, 1925. T. BUETTNER & Co., INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR THREADS, YARNS, AND COTTONS FOR EMBROIDERING AND CROCHETING.
Claims use since April 1924.

Reg. No. 391,656. Registered Nov. 18, 1941. T. BUETTNER & Co., INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

FLOCHELLE

FOR MERCERIZED COTTON EMBROIDERY THREADS.
Claims use since Feb. 1, 1923.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 213,078. Registered May 18, 1926. BURDICK CABINET COMPANY, Milton, Wis. Republished by The Burdick Corporation, Milton, Wis., a corporation of Delaware.

ZOALITE

FOR THERAPEUTIC LAMPS.
Claims use since Aug. 3, 1925.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 411,255. Registered Jan. 9, 1945. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

CERELOSE

FOR CORN SUGAR OR DEXTROSE USED FOR NON-ALCOHOLIC BEVERAGES AND SYRUPS FOR THE MAKING OF THE SAME.
Claims use since about January 1919.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 74,050. Registered June 15, 1909. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

CHARM

FOR SODA CRACKERS AND COOKIES.
Claims use since about Jan. 1, 1909.

Reg. No. 74,051. Registered June 15, 1909. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

TWILIGHT

FOR TEA BISCUITS.
Claims use since about Jan. 1, 1909.

Reg. No. 86,619. Registered May 21, 1912. ROSENBERG BROTHERS & COMPANY, San Francisco, Calif. Republished by Rosenberg Bros. & Co., San Francisco, Calif., a corporation of California.

ENSIGN

FOR DRIED APRICOTS, NECTARINES, PEACHES, PEARS, PLUMS, PRUNES, APPLES, AND RAISINS.
Claims use since Jan. 1, 1906.

Reg. No. 87,357. Registered July 9, 1912. NATIONAL STARCH CO., New York, N. Y. Republished by Corn Products Refining Company, New York, N. Y., a corporation of New Jersey.



FOR CORN STARCH.
Claims use since August 1866.

Reg. No. 97,057. Registered May 19, 1914. JOHNSON BISCUIT COMPANY, Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

Johnsons

La Fama

The word "Johnsons" is disclaimed.
FOR CHOCOLATES.
Claims use since Jan. 1, 1913.

Reg. No. 102,064. Registered Jan. 26, 1915. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

ARGO

FOR CORN STARCH.
Claims use since Jan. 1, 1892.

Reg. No. 102,282. Registered Feb. 2, 1915. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

ABETTER

FOR BISCUIT.
Claims use since May 1898.

Reg. No. 106,471. Registered Oct. 19, 1915. NATIONAL STARCH COMPANY., New York, N. Y. Republished by Corn Products Refining Company, New York, N. Y., a corporation of New Jersey.

KINGSFORD'S

FOR CORN STARCH.
Claims use since 1848.

Reg. No. 181,000. Registered Mar. 11, 1924. DILLARD & KEBNE COMPANY, Eustis, Fla. Republished by Jos. Eichelberger & Co., Eustis, Fla., a corporation of Florida.



FOR FRESH CITROUS FRUITS.
Claims use since Oct. 1, 1922.

Reg. No. 190,898. Registered Oct. 28, 1924. MANTECA CANNING COMPANY, Manteca, Calif., a corporation of California. Republished by registrant.

PURETEST

FOR CANNED FRUITS AND CANNED VEGETABLES.
Claims use since June 2, 1924.

Reg. No. 190,899. Registered Oct. 28, 1924. MANTECA CANNING COMPANY, Manteca, Calif., a corporation of California. Republished by registrant.

TOPSALL

FOR CANNED FRUITS AND CANNED VEGETABLES.
Claims use since June 2, 1924.

Reg. No. 198,282. Registered May 12, 1925. AMERICAN SEEDLESS RAISIN COMPANY, doing business as Del Rey Packing Company, San Francisco, Fresno, and Del Ray, Calif. Republished by American Seedless Raisin Company, San Francisco, Calif., a corporation of California.

DEL REY

FOR DRIED RAISINS.
Claims use since July 1, 1924.

Reg. No. 200,946. Registered July 14, 1925. OMAHA COLD STORAGE COMPANY, Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

Ocoma

FOR FRESH DRESSED POULTRY, BUTTER AND EGGS.
Claims use since June 1, 1924.

Reg. No. 211,231. Registered Apr. 6, 1926. PESHASTIN FRUIT GROWERS ASSOCIATION, Peshastin, Wash., a corporation of Washington. Republished by registrant.



The lining in the drawing indicates the color red.
FOR FRESH FRUITS—NAMELY, APPLES.
Claims use since Sept. 20, 1913.

Reg. No. 211,665. Registered Apr. 13, 1926. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

YELLOWSTONE



FOR CIDER VINEGAR, TOMATO CATCHUP, PICKLES, MACARONI, CANNED SALMON, PEANUT BUTTER, RICE, SPICES, TEA, CANNED PEAS, CANNED PEACHES, STUFFED OLIVES, RAISINS, FOOD SYRUP, FOOD FLAVORING EXTRACTS.
Claims use since 1908.

Reg. No. 221,028. Registered Nov. 23, 1926. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

CHILI-LILLI

The word "Chili" is disclaimed apart from the mark as shown.
FOR CONDIMENT SIMILAR TO CHILI SAUCE.
Claims use since May 5, 1926.

Reg. No. 251,580. Registered Jan. 8, 1929. WESTERN LIME STONE PRODUCTS COMPANY, Omaha, Nebr. Republished by Calcium Carbonate Company, Chicago, Ill., a corporation of Illinois.

CAL-CARBO

FOR PULVERIZED LIMESTONE USED IN THE MANUFACTURE OF STOCK FOODS.
Claims use since June 15, 1926.

Reg. No. 266,460. Registered Jan. 21, 1930. CENTRAL WISCONSIN CANNERIES, Beaver Dam, Wis. Republished by Minnesota Valley Canning Company, Le Sueur, Minn., a corporation of Minnesota.

JUNEMAID

FOR CANNED PEAS.
Claims use since Mar. 15, 1922.

Reg. No. 267,104. Registered Feb. 11, 1930. PRODUCERS CREAMERY COMPANY, Springfield, Mo., a corporation of Missouri. Republished by registrant.

Land O'Smiles

FOR BUTTER, POWDERED MILK.
Claims use since Aug. 22, 1928.

Reg. No. 267,634. Registered Feb. 25, 1930. FERRUCCIO GIOVANNINI, Chicago, Ill. Republished by registrant.



FOR BAKERY PRODUCTS—NAMELY, CAKES.
Claims use since Aug. 26, 1929.

Reg. No. 268,144. Registered Mar. 11, 1930. INTERNATIONAL PRODUCTS CORPORATION, New York, N. Y. Republished by Republic Food Products Co., Chicago, Ill., a corporation of Illinois.

SUN GRAZE

FOR CANNED CORNED BEEF.
Claims use since Feb. 18, 1929.

Reg. No. 271,357. Registered June 3, 1930. INTERNATIONAL PRODUCTS CORPORATION, New York, N. Y. Republished by Republic Food Products Co., Chicago, Ill., a corporation of Illinois.



FOR COOKED MEATS, SPECIFICALLY CANNED CORNED BEEF.
Claims use since Jan. 20, 1930.

Reg. No. 279,724. Registered Jan. 20, 1931. MANTECA CANNING COMPANY, Manteca, Calif., a corporation of California. Republished by registrant.

MATTINA

FOR CANNED TOMATOES, CANNED TOMATO PASTE, CANNED FRUIT, CANNED VEGETABLES.
Claims use since Mar. 26, 1930.

Reg. No. 282,090. Registered Apr. 7, 1931. PRODUCERS CREAMERY CO., Springfield, Mo., a corporation of Missouri. Republished by registrant.

Land O'Smiles

FOR COTTAGE CHEESE.
Claims use since Aug. 1, 1930.

Reg. No. 293,297. Registered Apr. 19, 1932. V. LA ROSA & SONS, INC., Brooklyn, N. Y., a corporation of New York. Republished by registrant.



No claim is made to the term "Grade A" apart from the mark as shown.
FOR ALIMENTARY PASTES.
Claims use since September 1914.

Reg. No. 294,080. Registered May 17, 1932. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

BIGBUY

FOR COFFEE.
Claims use since Dec. 1, 1931.

Reg. No. 295,580. Registered July 5, 1932. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill., a corporation of Illinois. Republished by registrant.

TEM-TING

FOR CANNED ASPARAGUS.
Claims use since June 29, 1931.

Reg. No. 296,719. Registered Aug. 16, 1932. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

P AND G

FOR CANNED FRUITS—NAMELY, SLICED YELLOW CLING PEACHES, APRICOTS AND RASPBERRIES; CANNED VEGETABLES—NAMELY, BEANS, PEAS, AND CORN; CANNED FISH—NAMELY, SALMON; FOOD FLAVORING EXTRACT, CATSUP, CHILI SAUCE, OLIVES, TEA, AND COFFEE.
Claims use since 1912.

Reg. No. 297,854. Registered Oct. 4, 1932. SIMONS & FRENCH COMPANY INCORPORATED, New York, N. Y. Republished by Dougherty Fruit Growers, Inc., Acampo, Calif., a corporation of California.

BROADWAY

FOR FRESH DECIDUOUS FRUITS, FRESH CITRUS FRUITS, FRESH VEGETABLES, FRESH BANANAS, FRESH PINEAPPLES, FRESH CANTALOUPES, FRESH PERSIAN MELONS, FRESH HONEYDEWS, FRESH HONEYBALLS, FRESH CASABAS, AND FRESH GRAPES.
Claims use since Aug. 28, 1928.

Reg. No. 299,485. Registered Dec. 6, 1932. HOLMSTROM-PILCHER CO., Lockport, Ill. Republished by Northern Illinois Cereal Company, Lockport, Ill., a corporation of Illinois.

TUMBLER

FOR ROLLED OATS AND MACARONI.
Claims use since July 19, 1932.

Reg. No. 300,739. Registered Feb. 7, 1933. OLYMPIA CANNING COMPANY, Olympia, Wash., a corporation of Washington. Republished by registrant.

SILVER WAVE

FOR CANNED FRUITS.
Claims use since Mar. 26, 1932.

Reg. No. 305,301. Registered Aug. 15, 1933. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

RARE TREAT

FOR SALAD DRESSING.
Claims use since Sept. 12, 1932.

Reg. No. 309,760. Registered Jan. 30, 1934. JOS. EICHELBERGER & COMPANY, Eustis, Fla., a corporation of Florida. Republished by registrant.

FLICKER



FOR FRESH CITRUS FRUITS.
Claims use since Sept. 29, 1933.

Reg. No. 309,765. Registered Jan. 30, 1934. JOS. EICHELBERGER & COMPANY, Eustis, Fla., a corporation of Florida. Republished by registrant.

WARBLER



FOR FRESH CITRUS FRUITS.
Claims use since Sept. 29, 1933.

Reg. No. 313,418. Registered May 29, 1934. V. LA ROSA & SONS, INC., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

LaRosa

FOR ALIMENTARY PASTE PRODUCTS.
Claims use since September 1914.

Reg. No. 316,441. Registered Aug. 28, 1934. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

DYNO

FOR PURE REFINED TABLE SUGAR DERIVED FROM CORN.
Claims use since Apr. 20, 1934.

Reg. No. 317,357. Registered Sept. 25, 1934. INTERNATIONAL PRODUCTS CORPORATION, New York, N. Y. Republished by Republic Food Products Co., Chicago, Ill., a corporation of Illinois.



The drawing is lined for the colors red, yellow, green, blue, and black.
FOR FOOD PRODUCTS IN TIN AND GLASS RECEPTACLES—NAMELY, ROAST BEEF PARBOILED AND STEAM ROASTED, CORNED BEEF HASH, POTTED MEAT FOOD PRODUCTS AND CEREAL, VIENNA SAUSAGE (3½% CEREAL ADDED), BREAKFAST SAUSAGE (3½% CEREAL ADDED), COOKED PORK BRAINS (GRAVY ADDED): WAFER SLICED BEEF, VIENNA SAUSAGE, POTTED MEAT FOOD PRODUCTS, CHILE CON CARNE WITH BEANS, CHILE CON CARNE WITHOUT BEANS AND LUNCH TONGUE.
Claims use since June 15, 1932.

Reg. No. 321,893. Registered Feb. 19, 1935. SEEMAN BROTHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CONSOMMÉ ARCTIQUE

The word "Consommé" is disclaimed apart from the mark as shown.
FOR CANNED SOUP.
Claims use since about May 22, 1934.

Reg. No. 323,089. Registered Apr. 2, 1935. MANTECA CANNING COMPANY, Manteca, Calif., a corporation of California. Republished by registrant.

POP-EYE

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED FISH.
Claims use since Nov. 30, 1934.

Reg. No. 323,522. Registered Apr. 16, 1935. REPUBLIC FOOD PRODUCTS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Boss

FOR CANNED FOOD FOR DOGS, CATS, AND OTHER CARNIVOROUS ANIMALS.
Claims use since Jan. 26, 1934.

Reg. No. 323,527. Registered Apr. 16, 1935. REPUBLIC FOOD PRODUCTS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

DOGLAND RATION

The word "Ration" is disclaimed apart from the mark as shown.
FOR CANNED FOOD FOR DOGS, CATS, AND OTHER CARNIVOROUS ANIMALS.
Claims use since Sept. 6, 1932.

Reg. No. 324,767. Registered May 28, 1935. REPUBLIC FOOD PRODUCTS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Duke

FOR CANNED FOOD FOR DOGS, CATS, AND OTHER CARNIVOROUS ANIMALS.
Claims use since Mar. 22, 1934.

Reg. No. 329,269. Registered Oct. 22, 1935. JOS. EICHELBERGER & CO., Eustis, Fla., a corporation of Florida. Republished by registrant.

GREEN "J"

The drawing is lined for the color green.
FOR FRESH CITRUS FRUITS.
Claims use since June 22, 1935.

Reg. No. 339,088. Registered Sept. 22, 1936. F. M. BALL & COMPANY, Oakland, Calif., a corporation of Nevada. Republished by registrant.



TOWN TALK

FOR CANNED FRUITS FOR SALAD, CANNED VEGETABLES.
Claims use since June 1, 1935.

Reg. No. 340,896. Registered Nov. 24, 1936. MANTECA CANNING COMPANY, Manteca, Calif., a corporation of California. Republished by registrant.

DIVINA



No claim is made to the representation of the tomatoes.
The drawing is lined to indicate shading.
FOR CANNED TOMATO PASTE.
Claims use since June 24, 1936.

Reg. No. 344,393. Registered Mar. 23, 1937. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

SUBREX

FOR BREWERS' CORN SYRUP.
Claims use since Sept. 21, 1936.

Reg. No. 346,093. Registered May 18, 1937. MANTECA CANNING COMPANY, Manteca, Calif., a corporation of California. Republished by registrant.

COLLINA

FOR CANNED FOOD PRODUCTS — NAMELY, CANNED TOMATO PASTE.
Claims use since June 24, 1936.

Reg. No. 347,669. Registered June 29, 1937. SCHOFEL BROTHERS, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.

"BRITE-LITE"

FOR FRESH VEGETABLES.
Claims use since March 1934.

Reg. No. 348,681. Registered Aug. 3, 1937. REDLANDS ORANGEDALE ASSOCIATION, Redlands, Calif., a corporation of California. Republished by registrant.



FOR FRESH CITRUS FRUIT.
Claims use since Feb. 4, 1937.

Reg. No. 350,941. Registered Oct. 12, 1937. ROUNDUP GROCERY COMPANY, Spokane, Wash., a corporation of Washington. Republished by registrant.

High Tide

FOR CANNED SALMON, CANNED OYSTERS, CANNED CLAMS, CANNED SHRIMP, CANNED CRAB MEAT, CANNED TUNA FISH, CANNED CORN, CANNED GREEN BEANS, CANNED TOMATOES, CANNED PEAS, CANNED ASPARAGUS, CANNED SAUERKRAUT, CANNED SPINACH, CANNED PEARS, CANNED APRICOTS, CANNED PEACHES, CANNED PINEAPPLE, CANNED CHERRIES, HONEY AND TOMATO CATSUP.
Claims use since Sept. 15, 1915.

Reg. No. 351,197. Registered Oct. 19, 1937. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill., a corporation of Illinois. Republished by registrant.

MORNING-MIST

FOR CANNED ASPARAGUS.
Claims use since June 4, 1932.

Reg. No. 351,198. Registered Oct. 19, 1937. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill., a corporation of Illinois. Republished by registrant.

SELECTIVE

FOR CANNED ASPARAGUS.
Claims use since Oct. 14, 1934.

Reg. No. 353,119. Registered Dec. 28, 1937. CHARLES & Co., New York, N. Y. Republished by Charles & Co., Inc., New York, N. Y., a corporation of New York.

CHARLES & CO.



FOR CANNED AND GLASS PACKAGES OF VEGETABLES, VEGETABLE JUICES, FRUITS, FRUIT JUICES FOR FOOD PURPOSES, MAPLE SYRUP, FISH, OLIVES, OLIVE OIL, JAMS, JELLIES, FRUIT PRESERVES, SOUPS, MEAT SAUCES, COFFEE, TEA, FOOD FLAVORING EXTRACTS, HONEY, EVAPORATED MILK, MUSTARD AND SPICES.
Claims use since Sept. 17, 1936.

Reg. No. 353,616. Registered Jan. 11, 1938. IDAHO FRUIT & PRODUCE COMPANY, Parma and Apple Valley, Idaho. Republished by Sterling E. Johnson, doing business as S. E. Johnson Company, Parma and Apple Valley, Idaho.

IDA-GOLD

FOR FRESH LETTUCE, FRESH APPLES, AND PEAS; POTATOES AND ONIONS IN THEIR NATURAL STATE; AND FRESH PRUNES.
Claims use since September 1932.

Reg. No. 355,047. Registered Mar. 8, 1938. PAXTON & GALLAGHER Co., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

BIG BUY

FOR CANNED FRUITS—NAMELY, PEACHES; CANNED VEGETABLES—NAMELY, PEAS; CONDIMENTS—NAMELY, BLACK PEPPER, PEANUT BUTTER, APPLE BUTTER, SALAD DRESSING, TOMATO CATSUP, TEA.
Claims use since Dec. 8, 1936.

Reg. No. 365,237. Registered Feb. 28, 1939. ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill., a corporation of Illinois. Republished by registrant.

JUNE DAY

FOR CANNED ASPARAGUS.
Claims use since June 10, 1932.

Reg. No. 370,789. Registered Sept. 5, 1939. WILLIAM L. THOMPSON Co., Phoenix, Ariz., and Fort Garland, Colo. Republished by Harry Reimer and Company, Phoenix, Ariz., a firm.

WHITE PEAK

FOR FRESH VEGETABLES—NAMELY, LETTUCE, PEAS AND CAULIFLOWER.
Claims use since July 1929.

Reg. No. 371,696. Registered Oct. 3, 1939. A. W. SISK & SON, Aberdeen and Preston, Md. Republished by Albert W. Sisk & Son (1941), Preston, Md., a firm.

COUPON

FOR CANNED VEGETABLES.
Claims use since Nov. 14, 1938.

Reg. No. 378,809. Registered June 18, 1940. F. M. BALL & COMPANY, Oakland, Calif., a corporation of Nevada. Republished by registrant.

Sure-Fire

FOR CANNED FRUITS AND CANNED FRUIT COMPOTE.
Claims use since Aug. 4, 1939.

Reg. No. 379,163. Registered July 2, 1940. REDLANDS ORANGEDALE ASSOCIATION, Redlands, Calif., a corporation of California. Republished by registrant.

CAREFREE

FOR FRESH CITRUS FRUITS.
Claims use since Oct. 7, 1939.

Reg. No. 379,758. Registered July 23, 1940. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

ARGOSE

FOR CORN SYRUP WITH HIGH CONTENT OF SUGARS.
Claims use since Feb. 19, 1940.

Reg. No. 381,517. Registered Sept. 24, 1940. AMERICAN SEEDLESS RAISIN COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

"Not-A-Seed"

FOR RAISINS.
Claims use since 1893.

Reg. No. 382,065. Registered Oct. 15, 1940. FRAERING BROKERAGE Co., INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

DUBON

FOR CANNED FRUITS AND VEGETABLES—NAMELY, LIMA BEANS, CUT STRINGLESS BEANS, BEETS, CARROTS, CARROTS AND PEAS, CORN, TURNIP AND MUSTARD GREENS, SAUERKRAUT, PEAS, SPINACH, TOMATOES, PEACHES, PEARS, PINEAPPLES, APPLES AND APRICOTS; DRIED PRUNES, DRIED MIXED FRUIT, GRAPEFRUIT JUICE AND PINEAPPLE JUICE FOR FOOD PURPOSES, DRIED FRUITS, TOMATO CATSUP, TOMATO SAUCE, MACARONI, SPAGHETTI, CANNED OYSTERS, CANNED SHRIMP, AND PEANUT BUTTER.
Claims use since Aug. 6, 1929.

Reg. No. 382,963. Registered Nov. 19, 1940. PAXTON & GALLAGHER Co., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

TWENTY GRAND

FOR WALNUTS AND VEGETABLE SHORTENING.
Claims use since Dec. 14, 1939.

Reg. No. 383,742. Registered Dec. 24, 1940. F. M. BALL & COMPANY, Oakland, Calif., a corporation of Nevada. Republished by registrant.



No claim is made to the representation of a label apart from the mark as shown.
FOR CANNED FRUITS.
Claims use since Aug. 31, 1939.

Reg. No. 387,892. Registered June 3, 1941. ROSS PACKING Co., Selah, Wash. Republished by Ross Packing Co., Selah, Wash., a firm.

A.P.C.

FOR DEHYDRATED APPLES.
Claims use since 1935.

Reg. No. 388,221. Registered June 17, 1941. PAXTON & GALLAGHER Co., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

RARE TREAT

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED VEGETABLE JUICES, CANNED SALMON, CANNED MACKERAL, CANNED SARDINES, PEANUT BUTTER, FRUIT PRESERVES, JELLIES, SANDWICH RELISH, AND SALAD DRESSING.
Claims use since Sept. 12, 1932.

Reg. No. 388,398. Registered June 24, 1941. QUALITY PRODUCTS, INC., La Feria, Tex., a corporation of Texas. Republished by registrant.

TEX-DELTA

FOR CANNED VEGETABLES AND CANNED GRAPEFRUIT JUICE FOR FOOD PURPOSES.
Claims use since May 1928.

Reg. No. 389,868. Registered Aug. 26, 1941. V. LA ROSA & SONS, INC., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

La Rosa

FOR BUTTER, MACARONI PRODUCTS, NOODLES AND PASTINA, A MACARONI PRODUCT CUT UP IN SMALL FANCIFUL SHAPES.
Claims use since 1899.

Reg. No. 393,831. Registered Mar. 3, 1942. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

PURITOSE

FOR HIGHLY CONVERTED CORN SYRUP.
Claims use since Oct. 9, 1941.

Reg. No. 394,491. Registered Apr. 7, 1942. SARDAMACK FISHERIES, INC., Wilmington, Calif. Republished by Pan-Pacific Fisheries, Inc., Wilmington, Calif., a corporation of California.

TOP WAVE

FOR CANNED FISH.
Claims use since Nov. 17, 1941.

Reg. No. 394,716. Registered Apr. 28, 1942. TOLERTON & WARFIELD COMPANY, Sioux City, Iowa, a corporation of Iowa. Republished by registrant.

ROBB ROSS

FOR PEANUT BUTTER, CANE AND MAPLE SYRUP, HONEY, BREAKFAST CEREALS, BUCKWHEAT FLOUR, BUCKWHEAT CORN AND WHEAT FLOUR, PANCAKE FLOUR, AND CAKE FLOUR.
Claims use since June 1, 1920.

Reg. No. 394,907. Registered May 5, 1942. SMITH & NELSON, INC., Tonasket, Wash., a corporation of the State of Washington. Republished by registrant.

BIG CHECK

FOR FRESH APPLES.
Claims use since Oct. 1, 1940.

Reg. No. 397,489. Registered Sept. 8, 1942. QUALITY PRODUCTS, INC., La Feria, Tex., a corporation of Texas. Republished by registrant.

TEXVITA

FOR GRAPEFRUIT JUICE FOR FOOD PURPOSES.
Claims use since Sept. 23, 1941.

Reg. No. 398,238. Registered Oct. 20, 1942. REDLANDS ORANGEDALE ASSOCIATION, Redlands, Calif., a corporation of California. Republished by registrant.

Dahlia

FOR FRESH CITRUS FRUITS.
Claims use since Feb. 12, 1941.

Reg. No. 404,154. Registered Nov. 2, 1943. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

FairyWand

FOR PEANUT BUTTER.
Claims use since May 12, 1943.

Reg. No. 404,309. Registered Nov. 16, 1943. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

Enchantment

FOR PEANUT BUTTER.
Claims use since May 12, 1943.

Reg. No. 406,875. Registered May 2, 1944. F. M. BALL & COMPANY, Oakland, Calif., a corporation of California. Republished by registrant.

Ballcrest

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED FRUIT COCKTAIL, CANNED FRUITS FOR SALAD, CANNED FRUIT JUICE FOR FOOD PURPOSES, CANNED VEGETABLE JUICES FOR FOOD PURPOSES, CANNED TOMATO SAUCE AND TOMATO CATSUP.
Claims use since Aug. 31, 1939.

Reg. No. 407,993. Registered July 11, 1944. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

GOLDEN SLIPPER

The word "Golden" is disclaimed apart from the mark as shown.
FOR PEANUT BUTTER.
Claims use since Dec. 28, 1943.

Reg. No. 408,016. Registered July 11, 1944. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

PrinceCharming

FOR PEANUT BUTTER.
Claims use since Dec. 11, 1943.

Reg. No. 409,361. Registered Oct. 3, 1944. SOUTHERN TULARE OLIVE MARKETING ASSOCIATION, Terra Bella, Calif., a corporation of California. Republished by registrant.

STOMA

FOR OLIVES AND OLIVE OIL IN TIN AND GLASS.
Claims use since 1937.

Reg. No. 414,673. Registered June 19, 1945. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

Glass Slipper

FOR PEANUT BUTTER.
Claims use since Nov. 28, 1944.

Reg. No. 415,126. Registered July 10, 1945. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant.

DEXTROSOL

FOR PURE CRYSTALLIZED DEXTROSE FOR FOOD PURPOSES.
Claims use since Feb. 20, 1934.

Reg. No. 415,238. Registered July 31, 1945. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

Enchantress

FOR PEANUT BUTTER.
Claims use since Jan. 1, 1945.

Reg. No. 416,941. Registered Oct. 9, 1945. F. M. BALL & COMPANY, Oakland, Calif., a corporation of California. Republished by registrant.

ADELINA



FOR CANNED VEGETABLES—NAMELY, CANNED TOMATOES AND CANNED TOMATO PASTE.
Claims use since June 1926.

Reg. No. 417,946. Registered Nov. 20, 1945. ARCHIE POMPEO, doing business as Evergreen Food Products, Seattle, Wash. Republished by registrant.

SEOLA

FOR PICKLES.
Claims use since Mar. 15, 1945.

Reg. No. 418,513. Registered Jan. 1, 1946. JELLUM, INC., Joliet, Ill., a corporation of Delaware. Republished by registrant.

Nan's

FOR FOOD MIXTURE AND FOR MAKING GRAVY THE PRINCIPAL INGREDIENTS OF WHICH ARE WHEAT AND SOY FLOUR, BEEF EXTRACT, CARAMEL, POWDERED ONION AND SEASONING.
Claims use since Dec. 16, 1944.

Reg. No. 420,028. Registered Mar. 19, 1946. PARKS & BROCK, Lompoc, Calif., a firm. Republished by registrant.

CROSS COUNTRY

FOR FRESH VEGETABLES.
Claims use since July 25, 1945.

Reg. No. 420,147. Registered Mar. 26, 1946. CINDERELLA FOODS, Dawson, Ga. Republished by Cinderella Foods, Division of Stevens Industries, Inc., Dawson, Ga., a corporation of Georgia.

PrincessCharming

FOR PEANUT BUTTER.
Claims use since Aug. 1, 1945.

CLASS 47

WINES

Reg. No. 241,056. Registered Apr. 17, 1928. J. R. PARKINGTON & CO., LTD., London, England, a corporation organized under the laws of Great Britain and Ireland. Republished by registrant.



The phrase "The Connoisseur's Port" is disclaimed apart from the mark as shown.
FOR PORT WINE.
Claims use since Aug. 1, 1919.

Reg. No. 318,671. Registered Oct. 30, 1934. J. C. MILLETT CO., San Francisco, Calif. Republished by J. C. Millett Co., San Francisco, Calif., a corporation of California.

La Bonita

FOR WINE.
Claims use since June 1, 1934.

Reg. No. 360,218. Registered Sept. 13, 1938. THE PLEASANT VALLEY WINE COMPANY, Rheims, N. Y., a corporation of New York. Republished by registrant.

PLEASANT VALLEY

FOR WINES.
Claims use since Mar. 23, 1878.

Reg. No. 385,065. Registered Feb. 11, 1941. F. PIRRONE & SONS, Garfield, N. J. Republished by F. Pirrone & Sons, Inc., a corporation of New Jersey.

Allegro

FOR WINE.
Claims use since May 15, 1937.

Reg. No. 394,995. Registered May 5, 1942. F. PIRRONE & SONS, Garfield, N. J. Republished by F. Pirrone & Sons, Inc., Garfield, N. J., a corporation of New Jersey.

NESTOR

FOR WINES.
Claims use since November 1939.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 80,443. Registered Dec. 20, 1910. A. SCHREIBER BREWING COMPANY, Buffalo, N. Y. Republished by Schreiber Brewing Company, Inc., Buffalo, N. Y., a corporation of New York.

MANRU

FOR BEER.
Claims use since May 7, 1907.

Reg. No. 111,857. Registered Aug. 8, 1916. UNITED BREWERIES COMPANY, Chicago, Ill. Republished by Monarch Brewing Company, Chicago, Ill., a corporation of Illinois.

McCabroz

FOR BEER.
Claims use since February 1900.

Reg. No. 308,986. Registered Dec. 26, 1933. KINGSBURY BREWERIES COMPANY, Manitowoc, Wis., a corporation of Wisconsin. Republished by registrant.



The words "Pale" and "Finest Quality" are disclaimed apart from the mark as shown. The drawing is lined to indicate the color brown.
FOR BEER OF LEGAL ALCOHOLIC CONTENT.
Claims use since about Jan. 1, 1926.

Reg. No. 308,987. Registered Dec. 26, 1933. KINGSBURY BREWERIES COMPANY, Manitowoc, Wis., a corporation of Wisconsin. Republished by registrant.



The words "Pale" and "Finest Quality" are disclaimed apart from the mark as shown. The lines on the drawing are for shading only.
FOR BEER OF LEGAL ALCOHOLIC CONTENT.
Claims use since Mar. 15, 1930.

Reg. No. 338,557. Registered Sept. 8, 1936. MONARCH BREWING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Monarch

FOR BEER.
Claims use since Jan. 6, 1915.

Reg. No. 379,551. Registered July 16, 1940. RAINIER BREWING COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



The words "Special Export" are disclaimed apart from the mark as shown.
FOR BEER.
Claims use since Feb. 12, 1935.

Reg. No. 380,014. Registered Aug. 6, 1940. RAINIER BREWING COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



The drawing is lined for red and silver.
FOR BEER.
Claims use since Feb. 23, 1939.

Reg. No. 381,216. Registered Sept. 17, 1940. RAINIER BREWING COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



The words "San Francisco, Calif." and "Old Stock Ale" are disclaimed apart from the mark as shown.
FOR ALE.
Claims use since June 26, 1934.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 314,414. Registered June 26, 1934. J. C. MILLETT CO., doing business as Occidental Distilling Co., San Francisco, Calif. Republished by J. C. Millett Co., San Francisco, Calif., a corporation of California.

CLEARBROOK

FOR WHISKEY.
Claims use since Mar. 1, 1934.

Reg. No. 321,825. Registered Feb. 19, 1935. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

BURWOOD

FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS.
Claims use since Oct. 20, 1934.

Reg. No. 334,794. Registered May 12, 1936. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

GARDEN CLUB

The word "Club" is disclaimed apart from the mark as shown.
FOR BRANDY, COGNAC, GIN, RUM, AND WHISKEY.
Claims use since Apr. 9, 1935.

Reg. No. 337,293. Registered Aug. 4, 1936. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

EdenPark

FOR WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS.
Claims use since Mar. 1, 1934.

Reg. No. 352,206. Registered Nov. 23, 1937. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



The word "Club" is disclaimed apart from the mark as shown.

FOR ALCOHOLIC BEVERAGES, SPECIFICALLY LIQUEURS, CORDIALS, DISTILLED BRANDIES, FRUIT FLAVORED BRANDIES, FRUIT FLAVORED GIN, COCKTAILS, BITTERS, DRY GIN, MIXED SPECIALTY DRINKS AND PUNCHES.

Claims use since Apr. 27, 1935.

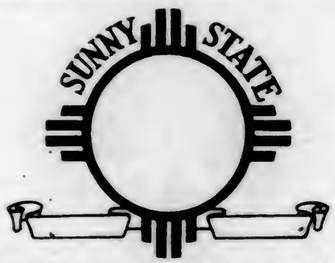
Reg. No. 361,661. Registered Oct. 25, 1938. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS AND COCKTAILS.

Claims use since 1891.

Reg. No. 363,983. Registered Jan. 17, 1939. ANCHOR LIQUOR COMPANY, Albuquerque, N. Mex. Republished by Anchor Liquor Company, also doing business as Sunny State Liquor Company, Albuquerque, N. Mex., a co-partnership.



FOR ALCOHOLIC CORDIALS AND LIQUEURS, ROCK AND RYE, GINS, AND WHISKIES.

Claims use since July 19, 1934.

Reg. No. 370,862. Registered Sept. 12, 1939. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



No claim is made to the outline of a label.

FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS AND COCKTAILS.

Claims use since Oct. 9, 1937.

Reg. No. 388,634. Registered July 1, 1941. GREEN-BROS, INC., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

du Parc

FOR WHISKEY, GIN, RUM, BRANDY AND ALCOHOLIC CORDIALS AND COCKTAILS.

Claims use since Jan. 4, 1941.

Reg. No. 388,659. Registered July 1, 1941. J. C. MILLETT CO., San Francisco, Calif., a corporation of California. Republished by registrant.



FOR WHISKEY.

Claims use since Apr. 13, 1938.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 425,401. Registered Nov. 19, 1946. FREECE-LARSEN, INC., Norristown, Pa., a corporation of Pennsylvania. Republished by registrant.

"Betsy Ross"

FOR FLAGS OF ALL TYPES—NAMELY, NATIONAL AND ALLIED NATION FLAGS, ADVERTISING FLAGS, SIGNAL FLAGS, OFFICIAL SERVICE FLAGS, AND FLAGS USED ONLY FOR DECORATIVE PURPOSES; CODE SIGNALS; PENNANTS AND BANNERS.

Claims use since Oct. 1, 1943.

REISSUES

OCTOBER 19, 1948

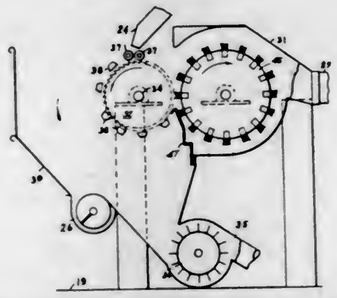
23,044

COTTON CLEANING APPARATUS

Eugene H. Brooks, Dallas, Tex., assignor to Continental Gin Company, a corporation of Delaware

Original No. 2,440,139, dated April 20, 1948, Serial No. 635,947, December 19, 1945, which is a division of Serial No. 598,095, June 7, 1945, now Patent No. 2,418,694, dated April 8, 1947. Application for reissue May 22, 1948, Serial No. 28,685

6 Claims. (Cl. 19—67)



6. In a lint cotton cleaner embodying a casing, a rotating saw cylinder mounted in the upper part of the casing in spaced relation to one wall of the casing, feed rollers mounted closely adjacent the saw cylinder and disposed to feed lint cotton in a thin uniform bat to the saw cylinder to be carried around thereby, a cleaning bar extending parallel to the long axis of the saw cylinder and disposed sufficiently close thereto to be struck by the lint carried around by the rotating saw cylinder thereby to remove trash from the lint, means cooperating with the saw cylinder to doff lint therefrom and disposed to doff said lint after the same has been carried around past the cleaning bar, and means adjacent the bottom of the casing for removing lint and trash thrown off by striking the cleaning bar.

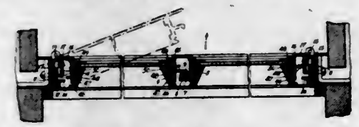
23,045

WINDOW CONSTRUCTION

Edmund Peremi, Bayside, Long Island, and Louis Toth, Flushing, N. Y., assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y., a corporation of the United States of America

Original No. 2,077,807, dated April 20, 1937, Serial No. 693,199, October 11, 1933. Application for reissue April 22, 1948, Serial No. 22,668

11 Claims. (Cl. 189—69)

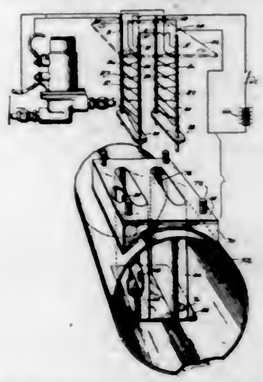


3. In a casement window, in combination, a frame comprising a side bar having a body portion disposed transversely of the plane of the frame, flanges on said body portion defining with it a recess of tapering width for holding a yieldable weather strip, a weather strip of resilient compressible material mounted in the recess, and a sash hingedly mounted on said side bar and having a stile formed to engage the latter at a plurality of spaced points located at opposite sides of the weather strip, said stile including a flange which extends in the frame plane when the sash is in closed position and which moves into engagement mith the weather strip in a path normal to the weather strip as the sash is moved to closed position.

PATENTS

GRANTED OCTOBER 19, 1948

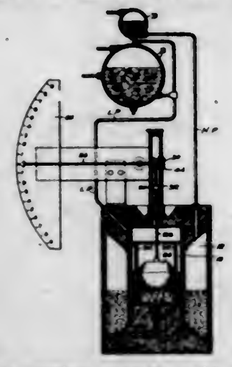
2,451,459
COMBUSTION AIR FLOW RESPONSIVE CARBURETING APPARATUS
Lynn A. Williams, Jr., Northfield, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application June 23, 1944, Serial No. 541,827
3 Claims. (Cl. 158—28)



1. In the combination comprising a liquid fuel burning device, a combustion air supply conduit and a fuel line for said device, an electrically operated valve for modulating the rate of flow of fuel through said line in response to a varying electrical potential, electric circuit means for varying the potential at said fuel control valve, and the last said means including electrical resistors responsive to the cooling effect of the air flowing through said conduit, the improvement in said electric circuit which comprises a bridge circuit, a resistor element in said bridge circuit and means associated with said resistor element to cause air to flow in contact therewith when air flows through said conduit such that the mass rate of flow of air in contact with said resistor element is a function of the mass rate of flow of air through said conduit, a second resistor element in said bridge circuit and means associated with said second resistor element to pass air from said conduit in contact with said second resistor at a substantially constant rate regardless of the rate of flow through said conduit, and said second resistor being arranged in opposition to the first said resistor in said bridge circuit.

2,451,460
MANOMETER
Lewis B. Winton, Greenwich, Conn., assignor to Jerguson Gage & Valve Company, Somerville, Mass., a corporation of Massachusetts
Application October 4, 1946, Serial No. 701,151
5 Claims. (Cl. 73—403)

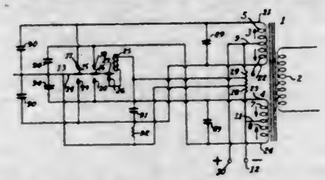
5. An indicating mechanism for use where subject to bodily angular displacement and of the type which includes a manometer of the hydrostatic type having a chamber containing a manometric liquid on which rests a float and means external to the chamber free from mechanical connection or engagement with the float and relative to which the float moves as the liquid level varies, said means being constructed and arranged to be influenced by the variations in relative position to manifest the vertical position of the float and thereby the height of the liquid column, which mechanism is characterized by the fact that said float comprises a body in the form of a sphere cut away at top and bottom, from which rises a superstructure having adjacent its



upper end a portion opposite said means for influencing the same, said superstructure comprising an adjustably movable counterbalancing mass, the intermediate spherical segment being of such altitude that its upper and lower bases remain respectively emersed and immersed throughout the range of inclination, the metacentric height of the float being substantially zero, which is manifested by the fact that the float develops no rotary reaction in a vertical plane on inclination alone of the system.

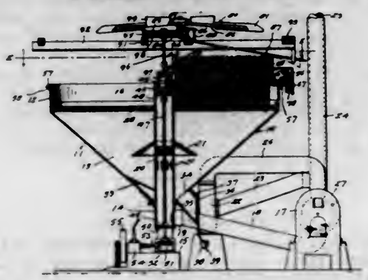
2,451,461
VIBRATORY CIRCUIT CONVERTER
Herman J. Wise, Indianapolis, Ind., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind., a corporation of Indiana
Application December 1, 1944, Serial No. 566,128
3 Claims. (Cl. 171—97)

3. In a transformer system in combination, a transformer having a primary and a secondary winding, said primary winding having a center tap connected to one side of a source of direct current supply and its outer terminals respectively connected to oppositely disposed contacts, said secondary winding including a first and second coil, each coil having a center tap dividing each coil into first and second section, the center tap of one coil being adapted to be connected to one side of the load circuit and a center tap of the other coil being adapted to be connected to the other side of a load circuit, a pair of contacts, one of said contacts being connected to the outer terminal of the first secondary coil and the other contact being connected to the opposite outer terminal of the second secondary coil, a second pair of contacts, one of said second pair of contacts being connected to the other outer terminal of the first secondary coil and the other of said second pair of contacts being connected to the other outer terminal of the second secondary coil and a vibrating reed operating between the contacts connected to the outer terminal of the primary winding and alternately connecting the outer terminals of the primary



winding with one side of the line and between said first and second pairs of contacts and alternately connecting the contacts of each pair.

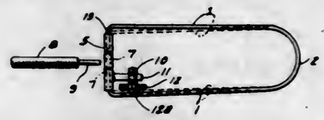
2,451,462
DRYING APPARATUS FOR COFFEE BEANS OR THE LIKE, COMPRISING A MOVABLE AGITATOR AND GAS CIRCULATING MEANS
Adolfo Raul Yglesias-Paz, Guatemala City, Guatemala
Application April 21, 1944, Serial No. 532,077
2 Claims. (Cl. 34—181)



1. A bean drier comprising an upper bean chamber, a lower air chamber, a perforate partition wall common to said chambers, means operatively connected with the air chamber for forcing hot air upwardly therethrough and through the mass of beans in the bean chamber, a driven fan disposed above the bean chamber for producing a flow of air over the entire surface of the mass of beans for drawing off moist air arising therefrom, and means interposed between the perforate wall and the fan means for agitating the beans while subject to the action of the hot air and the air circulation produced by said fan means embodying a drum equipped to bodily lift beans upwardly from the leading side of the drum and deposit the beans at the trailing side thereof, means operatively connected with the drum for rotating the latter about a horizontal axis, and means operatively connected with drum for swinging the latter about a vertical axis passing through the centers of said chambers simultaneously with the rotation of the drum, and a gang of agitating blades trailing the drum in its movement about the vertical axis for shifting the beans toward the center of the bean chamber.

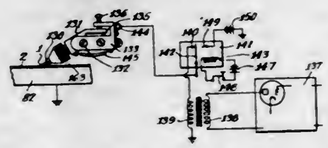
2,451,463
TOOL FOR CUTTING INSULATION AND STRIPPING IT FROM WIRES
Waldemar E. Zimmermann, Los Angeles, Calif.
Application April 12, 1947, Serial No. 741,095
5 Claims. (Cl. 81—9.5)

1. In a tool for cutting insulation and stripping it from wires, a pair of manually grippable arms resiliently united at one end so as to tend to spring apart, each of said arms having a free end portion which is directed toward and substantially alines with the free end portion of the other arm, said free end portions terminating in cutting edges, an open-ended sleeve of rigid sheet material one end portion of which loosely surrounds one of said free end portions and forms a stop shoulder to arrest the inward movement of the latter, and the opposite end portion of which



loosely surrounds the other of said free end portions, said sleeve having alined cutouts in its opposite sides to admit a sheathed wire between said cutting edges, and manually adjustable stop means carried by the last recited end portion of said sleeve and positioned to limit the movement of said cutting edges when forced toward each other by the compressive action of the hand of a person grasping the aforesaid pair of manually grippable arms.

2,451,464
RECORDER
Albert E. Anderson, Holbrook, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Original application September 8, 1943, Serial No. 501,727. Divided and this application September 15, 1945, Serial No. 616,579
2 Claims. (Cl. 346—34)

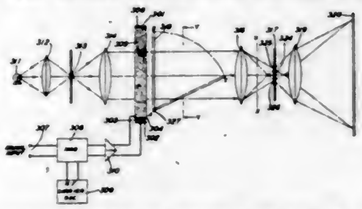


1. In a depth sounding recorder having a record paper, a stylus adapted when energized by an electric potential to mark the paper and means moving the stylus repeatedly across the paper, means for producing an electric potential in response to the receipt of a signal impulse, means normally connecting said impulse responsive means to said stylus, a potential source, and means under control of the operator for disconnecting said stylus from said impulse responsive means and connecting the stylus to said potential source, whereby a fix mark can be made across the paper.

2,451,465
TRANSVERSAL FILTER
Harold L. Barney, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 27, 1947, Serial No. 731,343
13 Claims. (Cl. 250—41.5)

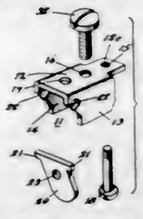
1. The method which comprises translating applied waves into elastic waves progressive across a predetermined space interval, directing electromagnetic energy through said space interval in a direction transverse to the direction of progression of said elastic waves, receiving and integrating components of said electromagnetic energy that pass through said progressive elastic waves,

and weighting various of said energy components that pass through respectively different parts of



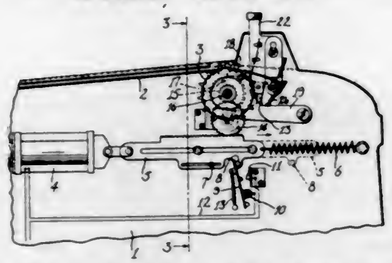
said space interval in accordance with a predetermined weighting function.

2,451,466
ELECTRIC WIRE TERMINAL
Robert H. Bentley, Hartford, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application February 28, 1946, Serial No. 650,946
16 Claims. (Cl. 173—259)



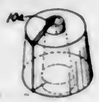
6. An electric wire terminal connection comprising an insulating body, a conductive member having bearing notches whose mouths are narrower than their interiors, a jaw member having rectangular trunnions whose smallest dimension will permit insertion into said notches, said trunnions being held in said notches upon rotation of said jaw from the entrance position and affording a fixed pivot for said jaw member, said body having a passage and said jaw having an aperture positioned so that the bared end of an electric wire may be insterted through both, and means causing edges of said jaw aperture simultaneously to grip opposite sides of said wire end.

2,451,467
STRIP FEEDING DEVICE
Bruce T. Bickel, Dayton, Ohio, assignor to The Standard Register Company, Dayton, Ohio, a corporation of Ohio
Application October 16, 1942, Serial No. 462,275
15 Claims. (Cl. 271—2.4)



1. A strip feeding apparatus, wherein a continuous strip of material is progressively advanced through successive substantially equal lengths and arrested at the end of each feeding operation, including a reciprocatory rack bar, an electromagnetic device for moving the rack bar in one direction, a retracting spring against the yielding resistance of which the rack bar is moved under magnetic influence and by which it is moved in the opposite direction upon interruption of the magnetic influence, an energizing circuit for the electromagnetic device including a circuit make and break device operable by the reciprocatory rack bar to close the circuit upon retractive movement of the rack bar under influence of the spring and to open the circuit upon movement of the rack bar under influence of the electromagnetic device, a gear wheel meshing with the rack bar and receiving alternating motion therefrom incident to the to and fro reciprocation of the rack bar, a pawl and ratchet couple, the driving member of which receives a to and fro oscillatory motion from the gear and imparts intermittent motion in one direction to the other member of the pawl and ratchet couple and returns idly independently thereof, a strip feeding member connected to and moving in unison with the driven member of the pawl and ratchet couple to advance an engaged strip through successive step by step movements, a rotary member having a stop portion advanced through a step by step movement in unison with the advancement of the strip, a detent engageable with the stop portion thereof upon the completion of each cycle of strip feeding operation to arrest the actuating mechanism, and a manually operable tripping member for disengaging the detent from the stop preparatory to initiation of a succeeding cycle of operation.

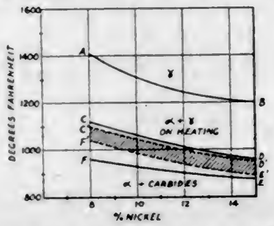
2,451,468
WINDING OF YARN
Garfield L. Boyce, Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application July 1, 1944, Serial No. 543,151
14 Claims. (Cl. 242—161)



1. A package comprising a core about which a yarn is wound in a mass, a tail end extending from under one end of the mass of the winding and being secured to the package by a sticker at a position inside the other end of the core without being wound about the end of the core projecting from the end of the mass from which the tail extends.

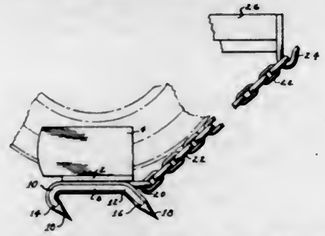
2,451,469
STEELS AND STRUCTURAL EMBODIMENTS THEREOF FOR USE AT LOW TEMPERATURES
Gerald Robert Brophy, Westfield, and Arthur John Miller, Elizabeth, N. J., assignors to The International Nickel Company, Inc., New York, N. Y., a corporation of Delaware
Application August 2, 1946, Serial No. 687,876
12 Claims. (Cl. 148—31)

1. A method of producing ferritic steel having high impact resistance at temperatures down to at least about minus 320° F. which comprises subjecting a wrought steel containing about 8% to 15% nickel, about 0.03% to 0.15% carbon and the balance essentially iron to a heat treatment comprising a conditioning treatment of said steel at a temperature for the nickel content at least about 200° F. above the line AB in the drawing, cooling the thus-treated steel to approximately room temperature at a rate at least as rapid as air cooling, heating said steel to a temperature for the nickel content above the line AB in the drawing but at least about 100° F. below the temperature employed in said conditioning treat-



ment, cooling the thus-treated steel to approximately room temperature at a rate at least as rapid as air cooling, thereafter treating said steel at a temperature for the nickel content within the zone CDEF in the drawing, cooling the steel and heating the steel to a temperature for the nickel content not above the zone CDEF in the drawing.

2,451,470
VEHICLE ANCHOR DEVICE
John Buckley, Georgetown, Colo.
Application May 8, 1947, Serial No. 746,728
2 Claims. (Cl. 188—4)

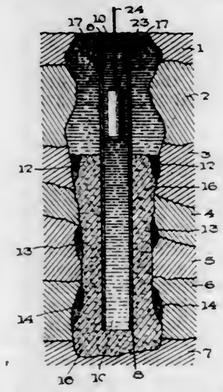


1. In an anchoring device for motor vehicles, a base plate adapted to be positioned for tires of a wheel to roll thereon, a yoke mounted on the under surface of the base plate intermediate of the ends thereof and forming a forwardly extending eye, a chain secured in the eye of the yoke and adapted to be secured to a forward part of the vehicle, and relatively heavy rods mounted on the under surface of the base and spaced inwardly from the ends thereof, said rods having forwardly and downwardly extending prongs on the forward ends thereof and offset inwardly toward the rear of the base with forwardly and downwardly extending prongs on the rear ends thereof wherein the prongs on the rear ends are offset inwardly from the prongs on the forward ends of the rods.

2,451,471
PREPARATION OF A CO-PRECIPITATED GEL CATALYST
Robert E. Burk and Everett C. Hughes, Cleveland Heights, Ohio, assignors to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application January 20, 1942, Serial No. 427,524
2 Claims. (Cl. 252—254)

1. A process of making a co-precipitated aluminum-chromium-molybdenum gel type oxide catalyst, which comprises mixing (1) a solution of an alkali metal aluminate and (2) an acidic solution of chromium salt and ammonium paramolybdate, in desired ratio, with adjustment of the pH 6–11, the lower the concentration of molybdenum the higher the pH whereby all of said three oxide components are simultaneously precipitated by the mixing of the above two solutions, washing the precipitate, drying at about 140° F. to a hard granular state, grinding and sizing, drying and gradually raising the temperature to 900–1,000° F., cooling, and washing with boiling water until molybdenum blue shows in the wash water.

2,451,472
METHOD OF CEMENTING WELLS
Norman D. Coggeshall, O'Hara Township, Allegheny County, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
Application April 16, 1945, Serial No. 588,440
1 Claim. (Cl. 166—22)

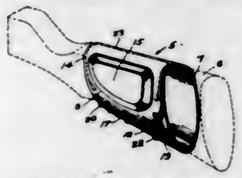


A method of cementing a well so that the degree of completion of the cementing operation may be determined which comprises replacing the normally used drilling mud in the region to be cemented with a radioactive drilling mud introduced through the drill stem, removing the drill stem, inserting the casing into the well, measuring the variation with depth of the radioactivity in the well, forcing cement into place around the casing so as to displace the radioactive drilling mud in the annular space around the casing and again measuring the variation with depth of the radioactivity in the well, whereby by comparison with the first said measurement the location of undisplaced radioactive drilling mud may be determined.

2,451,473
CHEEK PAD FOR FIREARMS
Eli G. Cooper, Great Barrington, Mass., assignor to the United States of America as represented by the Secretary of War
Application September 3, 1946, Serial No. 694,441
3 Claims. (Cl. 42—74)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

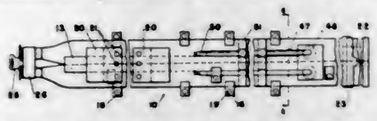
1. A cheek pad for use with a gun stock, comprising a flexible base member shaped to snugly embrace a gun stock, means for securing said base member to said gun stock against longitudinally or circumferentially translative movement rela-

tive thereto, a flexible pocket member attached to the outside of said base member to form a pocket therebetween having an opening accessible from the outside, an adjustable cushion formed of a plurality of resilient slabs carried inside the



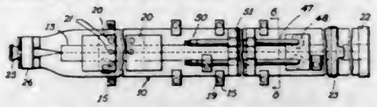
pocket and separately insertable and removable through said opening, and unitary fastening means for both closing said opening and holding said flexible base member in snug engagement with said stock.

2,451,474
DUAL TUBE PNEUMATIC LIFE PRESERVER BELT
Edward C. Craig, United States Navy
Application February 5, 1945, Serial No. 576,351
4 Claims. (Cl. 9—19)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



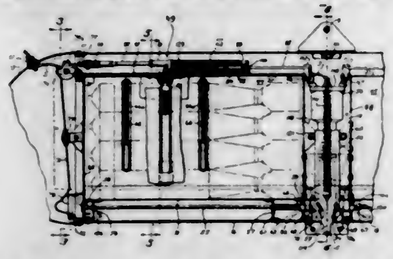
1. A dual tube life preserver comprising a life belt consisting of a pair of individual tubes longitudinally joined together, means for simultaneously inflating both tubes with a pressure medium, each of said tubes being provided with a transverse fold providing overlapped portions enabling said belt to increase in girth, and means for releasably holding said fold in folded position while said belt is in deflated position, said releasable means comprising a breakable connection between said overlapped portions and being operated by the pressure medium entering into said tubes.

2,451,475
DUAL TUBE PNEUMATIC LIFE PRESERVER BELT
Edward C. Craig and Lloyd A. Straits, United States Navy
Application July 30, 1942, Serial No. 452,823
2 Claims. (Cl. 9—19)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



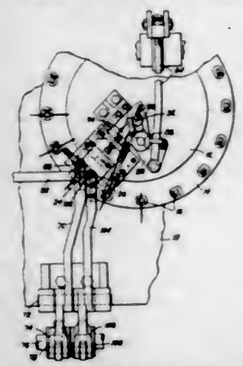
1. A dual tube life preserver comprising a life belt consisting of a pair of individual tubes longitudinally hinged together, means for simultaneously inflating both tubes with a pressure medium, each of said tubes being provided with longitudinally extending accordion pleats enabling said belt to expand, and means for releasably holding said accordion pleats in folded position while said belt is in deflated position said releasable means being operated by said pressure medium entering into said tubes.

2,451,476
EXTERIOR BOMB CONTAINER FOR AIRCRAFT
James C. Darnall, Hyattsville, Md.
Application November 8, 1943, Serial No. 509,375
10 Claims. (Cl. 89—1.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a device of the class described, a normally closed bomb container, a door hingedly mounted on the bottom of said container, means operatively connected to said door for positively and releasably locking said door in closed position on the container, for the purpose of holding and discharging a load of bombs therefrom by gravity, door closing and holding means operatively connected to said door arranged to close said door after the discharge of a load of bombs from the container, and means operatively connected to said door closing and holding means and engageable by the bombs in said container for rendering said door closing and holding means inoperative while the bombs remain in said container.

2,451,477
FISHHOOK MAKING MACHINE
William J. De Witt and Herbert A. Corbett, Auburn, N. Y., assignors to Shoe Form Co. Inc., Auburn, N. Y., a corporation of New York
Application September 19, 1945, Serial No. 617,232
8 Claims. (Cl. 140—104)

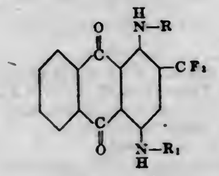


1. A fishhook making machine comprising a die having a flat upper surface and being provided with a recess in the surface, means for locating a fishhook blank in position with the blank extending along the surface and across the recess, a forming tool comprising a plunger and a stud projecting laterally from the plunger, means for moving the stud into the recess in the die thereby to force a portion of the blank into the recess to form a loop, a second forming tool comprising a slide having a recess extending substantially

in a vertical plane and terminating in a horizontal face, means for moving the second forming tool transversely of the stud across the recess in the die thereby to bend the end of the loop partly about the stud, means for retracting the second forming tool, a third forming tool comprising a plunger having a semicircular recess in the lower portion thereof, means for moving the third forming tool toward the stud thereby to force the end portion of the blank toward the body portion thereof to complete an eye, means for retracting the third forming tool, means for partly raising the stud to release the pressure of the first forming tool upon the blank, and means for moving the blank in a direction to remove the eye from the stud.

2,451,478
AMINOANTHRAQUINONE DYE COMPOUNDS CONTAINING A TRIFLUOROMETHYL GROUP
Joseph B. Dickey and Edmund B. Towne, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application September 10, 1946, Serial No. 696,030
5 Claims. (Cl. 260—379)

1. The anthraquinone dye compounds having the formula:



wherein R and R_1 each represents a member selected from the group consisting of a hydrogen atom, a primary alkyl group having 1 to 6 carbon atoms, an alkoxyalkyl group having 3 to 6 carbon atoms, a hydroxyalkyl group having 2 to 5 carbon atoms, a monohydroxyalkoxyalkyl group having 4 to 6 carbon atoms, an unsaturated aliphatic hydrocarbon radical having 2 to 4 carbon atoms and whose unsaturation consists of a single double bond, an isopropyl group, a

$$-CH_2CH_2COOCH_3$$

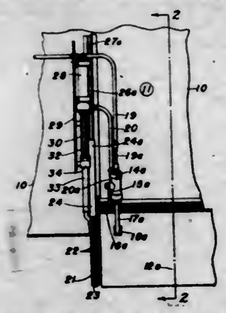
group, a $-CH_2CH_2COOC_2H_5$ group and a

$$-CH_2CH_2CCH_3$$
$$\|$$
$$O$$

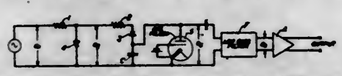
group and wherein said alkyl, alkoxyalkyl, hydroxyalkyl, monohydroxyalkoxyalkyl and unsaturated aliphatic hydrocarbon groups are noncyclic and are composed only of atoms selected from the group consisting of carbon, hydrogen and oxygen atoms.

2,451,479
AIRFLOW STABILIZER
Walter S. Diehl, United States Navy
Application April 28, 1945, Serial No. 590,853
12 Claims. (Cl. 244—130)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In aircraft having a compartment adapted to be opened to the atmosphere and a closure therefor, airflow stabilizing means adapted to be positioned in the airstream adjacent the forward end of said compartment for substantially eliminating air turbulence in and around said compartment when the closure is open, and means for extending and retracting said stabilizing means into and out of the airstream.



2,451,480
SUBHARMONIC GENERATOR
James O. Edson, Great Kills, and Donald M. Terry, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 31, 1947, Serial No. 725,476
4 Claims. (Cl. 172—281)

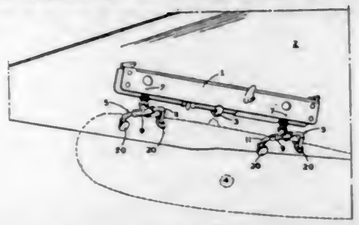


1. In a frequency reducer for generating a wave which is a desired subharmonic of a base frequency supply, the combination with a source of alternating current of predetermined frequency, a condenser, means for charging said condenser by uniform voltage increment from said supply source, a gas-filled discharge tube having an anode, a cathode and a control electrode, a load circuit including said source, anode and cathode, a control circuit for said tube including said condenser, cathode and control electrodes, means in said control circuit for maintaining said tube in a non-conducting condition until a predetermined number of charging increments have been applied to said condenser, whereupon said tube becomes conducting and a wave is produced in said output circuit having a frequency equal to that of the supply source frequency divided by the number of charging increments applied to the condenser, and other cooperating means in said control and output circuits, for causing rapidly decaying oscillations in said control circuit in response to conduction of said tube, to decease the charge on said condenser.

2,451,481
BRACING DEVICE FOR BOMBS ON AIRCRAFT
Robert M. Elder and John J. Domoj, Philadelphia, Pa.
Application September 4, 1945, Serial No. 614,330
4 Claims. (Cl. 89—1.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

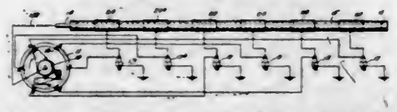
1. A device for use in conjunction with a suspension support to brace objects suspended therefrom against sway, comprising a structure including a mounting member arranged to be inserted in said support, a brace member carried by said mounting member and having depending spaced parallel leg portions arranged to engage the surface of said suspended object laterally at

opposite sides of the center line thereof, said brace member being adjustable to vary the position thereof angularly with respect to the mounting member, means to secure the brace member in the angular position to which it is adjusted



with respect to said mounting member, and extensible means on said mounting member cooperable between the suspension support and said brace member to urge the latter downwardly into firm engaging contact with the surface of said suspended object.

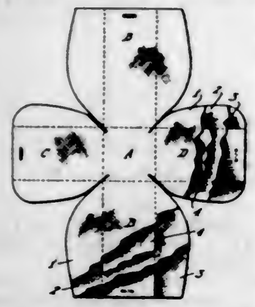
2,451,482
SPARKING DEVICE
Charles R. Flint, La Porte, Ind., assignor to The De Luxe Products Corporation, a corporation of Indiana
Application March 22, 1945, Serial No. 584,097
3 Claims. (Cl. 123—148)



3. In a multicylinder, spark-fired, internal combustion engine having an intake manifold normally under substantial vacuum, and having a sparking device in each cylinder actuated by a spark coil, means for electrically energizing at least one sparking device by a separate electrical impulse insufficient to fire the same prior to firing thereof, said means including a distributor electrically connected to a spark coil which may be the aforesaid spark coil, a plurality of metal members electrically connected to the distributor and energized therewith, with the metal members being connected individually to the sparking devices, there being an air gap in the connection between said metal members and the spark coil with said air gap being normally bridged by the electrical impulses thereto, and means for varying the absolute pressure about said gap in correlation with the absolute pressure in the intake manifold of the engine.

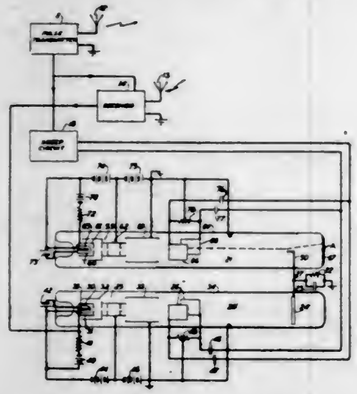
2,451,483
METHOD OF MAKING PROTECTIVE HELMETS
Hugo Goldsmith, Cincinnati, Ohio, assignor to Sport Products, Inc., Cincinnati, Ohio, a corporation of Ohio
Application June 14, 1946, Serial No. 676,815
3 Claims. (Cl. 154—110)

1. A method of molding protective helmets which consists in positioning three four-leafed clover leaf shaped plies of heat plastic sheet material in overlying registry on a form with strips of sheet material arranged in a cross shaped formation between the plies so that each leaf of each clover shaped ply will have a strip extending medially between said leaf and the contiguous leaf of an adjacent ply, the side edges of adjacent leaves overlapping forming four six ply bands extending diagonally of the helmet, the crown of the helmet having a rectangular area of seven plies of fabric and the front, back, and sides having five plies, securing the plies in po-



sition on the form, moving the positioned plies onto an expandable inner mold member, and expanding the member to subject the plies to sufficient heat and pressure by contact with a heated exterior mold member, contoured to determine the shape of the outer surface of the helmet, to form a light, rigid one piece helmet.

2,451,484
CATHODE-RAY SIGNAL UTILIZING MEANS
King E. Gould, Fanwood, N. J., and Pierre Mertz, Bellerose, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 5, 1943, Serial No. 505,028
21 Claims. (Cl. 315—9)

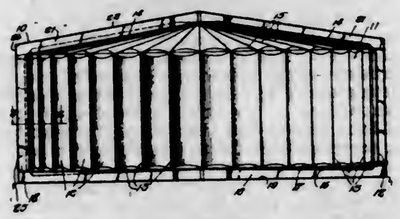


1. Means for differentiating between repeated pulse signals and spurious variations of a random distribution and character, comprising means for producing a beam of electrons modulated with said pulse signals and said spurious variations, an array of insulated electrical conductors, means for repeatedly sweeping said beam over said conductors in turn to charge them with electrons from said beam, said sweeping means comprising means for starting each sweep a short period before said beam is modulated in accordance with one of said pulses, said period being the same or nearly the same for each sweep, whereby the conductor or conductors which are impinged by said beam at the instants the modulations thereon correspond to said pulses receive a charge each sweep cycle while adjacent conductors receive charges corresponding to the spurious modulations only occasionally because of the random distribution of the spurious variations, and means under control of the charges on said conductors to enable a comparison of said charges to be made.

2,451,485
PRODUCTION OF UNSATURATED CARBONYLIC COMPOUNDS
George W. Hearne, El Cerrito, and Merrill L. Adams, Modesto, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application September 27, 1947, Serial No. 776,616
17 Claims. (Cl. 260—604)

1. A process for the production of an unsaturated carbonylic compound of the group consisting of the unsaturated aldehydes and the unsaturated ketones, which comprises passing a gaseous mixture comprising an olefin containing at least three carbon atoms and oxygen into contact with a solid catalyst essentially comprising cuprous oxide.

2,451,486
VACUUM TANK FOR STORING LIQUIDS AT HIGH OR LOW TEMPERATURES
George T. Horton, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application September 1, 1944, Serial No. 552,289
1 Claim. (Cl. 220—9)



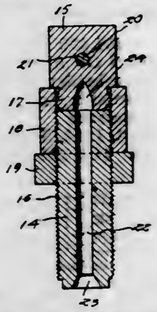
A storage vessel comprising an inner pressure shell of thin material capable of retaining a substantial part of its strength at extreme temperatures, said inner shell having side walls comprising vertical intersecting cylindrical sections concave inwardly and said inner shell having bottom and top walls comprising intersecting radially arranged conical sections concave inwardly, said cylindrical sections and said conical sections being subjected to tensional forces only, an outer shell of sheet metal for supporting the inner shell, said outer shell having side walls comprising a plurality of vertical panels arranged in the form of a polygon having the same number of sides as there are cylindrical sections in the inner vessel, insulating supports extending between the intersection of cylindrical sections and the adjacent intersection of vertical panels, said outer shell having a bottom and a top, insulating supports extending between the intersections of the conical sections in the top walls and the top of the outer vessel and insulating supports extending between the intersections of the conical sections in the bottom walls and the bottom of the outer vessel, the inner shell being free to expand or contract by change of its radius of curvature in each of said sections.

2,451,487
BUTTON STAPLE
Otto J. Hueister, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application April 28, 1944, Serial No. 533,150
8 Claims. (Cl. 24—94)



1. A staple of the class described comprising a U-shaped staple part and a head part, the staple part comprising an elongated cross-head of T-shaped cross-sectional form throughout the length thereof terminating in substantially parallel pronged ends arranged angularly to the cross-head, said head part having an elongated recess opening through the inner surface of said part and conforming with the cross-sectional contour of said cross-head to firmly support the cross-head of the staple part in connection with the head part, the prongs of the staple part projecting angularly from the inner surface of said head part, and part of said cross-head being exposed at the inner surface of said head part.

2,451,488
DIE FOR SWEDGING BULLETS
Frederick T. Huntington, Oroville, Calif.
Application March 9, 1944, Serial No. 525,766
2 Claims. (Cl. 78—61)

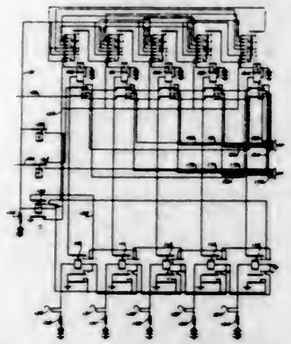


2. A die structure for the swedging of bullets comprising a body section, a head section, said sections having similar external screw threads, a nut engaging said screw threads and securing said sections together, the body having a bore, and the head section having a recess conforming to the shape of the point of a bullet, said recess at its base being of greater diameter than said bore, said body section being elongated, and a lock nut engaging the screw threads of the body section and adapted to abut against the nut.

2,451,489
PROGRESSIVE SELECTING CIRCUIT
Amos E. Joel, Jr., New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 15, 1945, Serial No. 593,946
5 Claims. (Cl. 177—353)

1. A selecting circuit comprising a chain of relays, an intermittently closed contact, means responsive to the closure of said contact with one of said relays operated to operate the next relay of

said chain, contacts operated by said next relay for closing a locking circuit for itself independent of said contact and for closing a locking circuit for said one relay under the control of said intermittently closed contact, means normally effective to operate a particular one of said relays in response to the first closure of said intermittently closed contact, auxiliary means for causing the



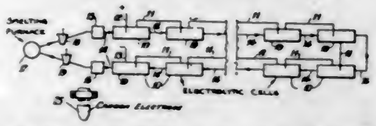
first closure of said intermittently closed contact to operate any desired one of said relays, comprising a secondary winding on each of said chain relays, a key individual to each of said relays and means under the control of each of said keys to energize the secondary winding of the associated chain relay, and means also under the control of each of said keys for unlocking any previously locked relay of said chain.

2,451,490

PRODUCTION OF ALUMINUM

Arthur F. Johnson, Cambridge, Mass., assignor to Reynolds Metals Company, Inc., Richmond, Va., a corporation of Delaware

Application August 4, 1944, Serial No. 548,043
2 Claims. (Cl. 204—67)



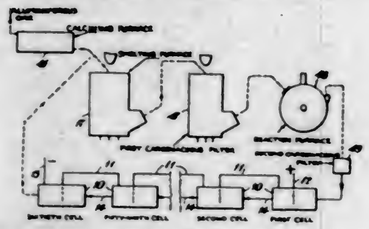
1. In the electrolytic production of aluminum from alumina dissolved in a fluoride fusion, the improvement which comprises circulating an alumina-containing fluoride fusion consisting essentially of the fluorides of sodium and aluminum through a series of cells in each of which it is subjected to electrolysis resulting in a diminution of the alumina content of the fusion and in liberation of fused metallic aluminum, transferring the fluoride fusion discharged from the last cell of the series to an alumina-replenishing zone and in said zone dissolving alumina in the alumina-depleted fluoride fusion by bringing said fusion in the presence of carbon into contact with a charge of material consisting essentially of aluminum compounds of the class consisting of alumina and hydrated aluminum oxides and also containing impurities including iron compounds while maintaining in said alumina-replenishing zone a temperature effective to reduce iron compounds present to metallic iron, separating reduced iron from the fluoride fusion, again circulating the fluoride fusion with its alumina content thus replenished through the series of cells in a cyclic manner, withdrawing from said cells the fused metallic aluminum liberated therein, and segregating the aluminum withdrawn from an initial minor portion of the cells of said series from the aluminum of relatively high purity withdrawn from the subsequent major portion of the cells of said series in the direction of electrolyte circulation.

2,451,491

ENRICHING THE ALUMINA CONTENT OF RECIRCULATED CRYOLITE FUSIONS IN ALUMINUM PRODUCTION

Arthur F. Johnson, Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware

Application January 30, 1945, Serial No. 575,313
4 Claims. (Cl. 204—67)



1. In the electrolytic production of aluminum from alumina dissolved in a fluoride fusion, the improvement which comprises circulating an alumina-containing fluoride fusion consisting essentially of the fluorides of sodium and aluminum through a series of cells in each of which it is subjected to electrolysis resulting in a diminution of the alumina content of the fusion, dissolving alumina in the alumina-depleted fluoride fusion discharged from the last cell of the series by bringing said alumina-depleted fusion in an alumina-replenishing zone and in the presence of carbon into contact with a charge of material consisting essentially of alumina but also including impurities of the group consisting of combined iron, silicon and titanium while maintaining a temperature effective to reduce a part of the iron compounds present to metallic iron, separating in said alumina-replenishing zone the fluoride fusion with its alumina content thus replenished from the bulk of the iron, then filtering the separated fluoride fusion through a porous mass of carbon, subsequently reacting the filtered fusion with aluminum in a reducing atmosphere, filtering the reacted fusion through a porous mass of carbon, and again circulating the twice filtered fusion through said series of cells in repetitions of this cycle.

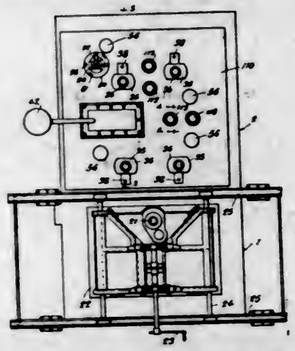
2,451,492

METHOD AND APPARATUS FOR ENRICHING THE ALUMINA CONTENT OF CRYOLITE FUSIONS IN ALUMINUM PRODUCTION

Arthur F. Johnson, Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware

Application January 31, 1946, Serial No. 644,562
4 Claims. (Cl. 204—67)

1. In the electrolytic production of aluminum from alumina dissolved in a fluoride fusion, the improvement which comprises circulating an alumina-containing fluoride fusion through an electrolytic cell having several stages of electrolysis in series in which it is subjected to electrolysis resulting in a diminution of the alumina content of the fusion and in liberation of fused metallic aluminum, transferring the fluoride fusion depleted in alumina from the cell to an alumina-replenishing zone and in said zone dissolving alumina in the alumina-depleted fusion by bringing said fusion into contact with a charge of impure alumina-containing feed material having oxidic impurities, including the oxides of iron, silicon and titanium, and carbon and aluminum as reducing agents, heating the feed material and reducing



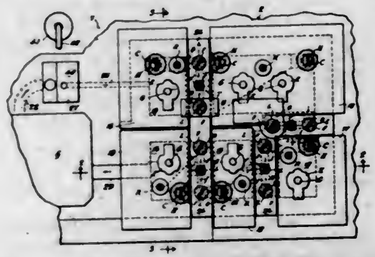
agents to reduce the oxides of iron, silicon and titanium, separating the reduced metals from the alumina-enriched fusion, flowing the alumina-enriched fusion from which the reduced metals were separated through at least one carbon filter heated to a temperature of about 1000° C. to 1200° C. to remove metallic impurities, and flowing the enriched and purified fusion back into and through the electrolytic cell.

2,451,493

PROCESS FOR ENRICHING THE ALUMINA CONTENT OF CRYOLITE FUSIONS IN ALUMINUM PRODUCTION

Arthur F. Johnson, Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware

Application February 21, 1946, Serial No. 649,299
1 Claim. (Cl. 204—67)



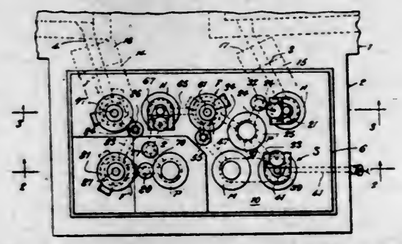
In the electrolytic production of aluminum from a fusion of cryolite containing dissolved alumina, the improvement which comprises circulating the alumina-containing fusion through an electrolytic cell in which it is subjected to electrolysis resulting in a diminution of the alumina content of the fusion and in liberation of fused metallic aluminum, transferring the fluoride fusion depleted in alumina from the cell to an alumina-replenishing zone having a plurality of separate but connected stages by bringing said alumina-depleted fusion into contact with a charge of alumina-containing feed material having oxidic impurities, including the oxides of iron, silicon and titanium, and carbon as a reducing agent in one stage, selectively reducing a part of the iron oxide in said stage, passing the alumina-enriched fusion through a carbon filter maintained at a temperature between about 1000° C. and 1150° C. to reduce iron oxide not reduced in said first stage and into a second stage maintained at a temperature of from about 1000° C. to 1150° C., mixing metallic aluminum with the fusion in said second stage to reduce the silicon and titanium oxides, collecting the reduced silicon and titanium with a molten alloying agent from the class consisting of iron and ferroaluminum, withdrawing the alumina-enriched fusion from said second stage, reducing the temperature of the fusion withdrawn from said second stage, and passing the fusion at the reduced temperature into the electrolytic cell.

2,451,494

ENRICHING ALUMINA CONTENT OF CRYOLITE FUSIONS

Arthur F. Johnson, Longview, Wash., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware

Application January 28, 1947, Serial No. 724,856
4 Claims. (Cl. 204—67)



1. In the electrolytic reduction of alumina from cryolite-containing fusions of alumina, the improvement which comprises withdrawing alumina-depleted fusion from the electrolytic reduction operation, adding crude bauxite containing oxidic impurities including iron oxide to a portion of the withdrawn alumina-depleted fusion in amount sufficient to bring the alumina content of that portion of the withdrawn fusion up to as high as 13%, heating the enriched fusion in contact with a reducing agent from the class consisting of aluminum, aluminum alloys and carbon to reduce the iron oxide to iron while at a temperature above the melting point of the reduced iron, separating molten iron from the fusion, mixing the alumina-enriched fusion from which the molten iron was separated with another portion of the withdrawn alumina-depleted fusion, said another portion of the withdrawn alumina-depleted fusion being in amount sufficient to produce a resultant fusion having an alumina content of about 7%, passing the latter fusion through a carbon filter and back into the electrolytic reduction operation.

2,451,495

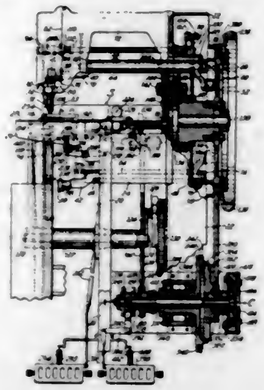
BUTTON SEWING MACHINE AND METHOD OF SEWING BUTTONS

Carl W. Johnson, Brooklyn, and Joseph A. Neumair, Hollis, N. Y., assignors to American Machine and Foundry Company, a corporation of New Jersey

Application February 3, 1944, Serial No. 520,876
33 Claims. (Cl. 112—112)

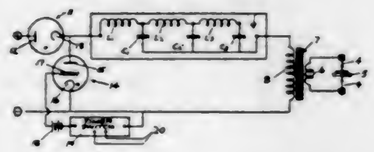
1. In a sewing machine having a material work support table, a pair of opposed needle bars

adapted to alternately project a double pointed needle having a thread with a loose end back and forth through work on said table to secure a button thereto, and a thread puller for pulling the loose end of said thread through said work and said button once each sewing cycle, a button support located above said work table and constructed and arranged to position said button in the path of said needle with the underside of said button spaced from said work, means for moving said support and said work in a predetermined



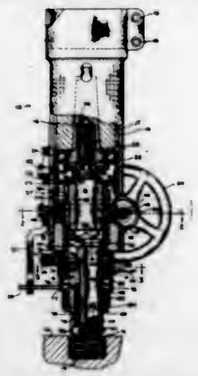
path in a plane substantially at right angles relative to the path of movement of said needle and needle bars, and means for operating said needle bars and thread puller in timed relation to said last-named means to project said needle and thread downwardly entirely through a selected hole in said button and said work and upwardly through said work and another selected hole in said button on each alternate movement of said bars to dispose said thread in single continuous thread arrangement and sew said button to said work.

2,451,496
WELDING SYSTEM
Hans Klemperer, Belmont, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application February 26, 1946, Serial No. 650,357
2 Claims. (Cl. 219—4)



1. A welding system comprising a pulse-forming line consisting of a plurality of interconnected capacitors with an inductance connected between each pair of capacitors, means for supplying current to said pulse line to store electrical energy in said capacitors, a welding load circuit, and means to discharge said pulse-forming line into said welding load circuit, whereby a welding current impulse of substantially rectangular waveshape and of predetermined duration is supplied to said welding load circuit.

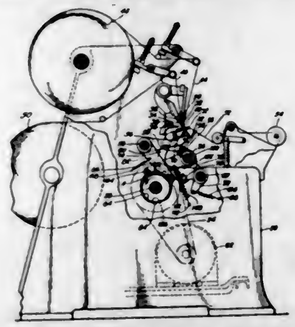
2,451,497
THREAD MILLER
Frederick J. Kratchman, College Point, N. Y.
Application September 22, 1944, Serial No. 555,384
8 Claims. (Cl. 90—11.58)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A thread miller comprising an outer housing, a power shaft in said housing, a drive shaft splined to said power shaft, an inner housing journalled about said drive shaft, said inner housing including a concentric cylidrical upper portion having an interrupted external thread extending about part of said upper portion, a depending lower portion having an eccentric cylindrical internal shaftway therethrough, a driven shaft, an eccentric bushing in which said driven shaft is journalled, said eccentric bushing being rotatable within said eccentric portion of said inner housing, a coupling shuttle connecting said drive shaft to said driven shaft, a milling cutter mounted on said driven shaft, means connected to said eccentric bushing for rotating the same and thus varying the eccentricity of said milling cutter, means for locking said milling cutter in radially extended position, means for spirally moving said inner housing to cause said milling cutter to mill a thread in a previously drilled hole in a plate, and means for guiding said inner housing in the drilled hole in a plate comprising a depending lip extending partly around its edge.

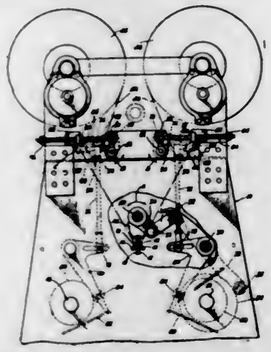
2,451,498
FLAT WARP KNITTING MACHINE
Fritz Lambach, Tenafly, N. J.
Application May 28, 1945, Serial No. 596,362
19 Claims. (Cl. 66—86)

2. A flat warp knitting machine comprising: a first series of knitting implements arranged for reciprocating movements, a first drive associated with said first series of knitting implements for imparting periodic reciprocating movements in a predetermined direction to said first series of knitting implements, a second series of knitting implements arranged for movements transversely of and substantially in the same direction as said first series of knitting implements, said second series of knitting implements being arranged for performing movements in coordinated relation with movements of said first series of knitting implements, a second drive associated with said second series of knitting implements for imparting at predetermined intervals periodic movements transversely of the direction of the strokes of said first series of knitting implements to said second series of knitting implements, said second series of knitting implements being further reciprocable substantially in the direction of the strokes of said first series of knitting implements, and an actuating drive associated with said second series of knitting implements for imparting at predetermined intervals an additional movement



to said second series of knitting implements in a direction opposite to the direction of movement performed by said first series of knitting implements during a stroke thereof whereby the length of such a stroke of said first series of knitting implements may be reduced in accordance with the length of the additional movement of said second series of knitting implements.

2,451,499
WARP KNITTING MACHINE
Fritz Lambach, Tenafly, N. J.
Application February 25, 1947, Serial No. 730,816
10 Claims. (Cl. 66—86)



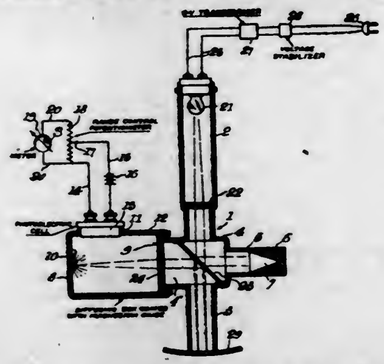
1. A warp knitting machine comprising: a rotatable driving shaft, a rotatable warp beam, movable warp guides, warp guide driving means actuated by said driving shaft and associated with said warp guides for imparting periodic reciprocating movements to the latter so as to feed warp yarn drawn from said warp beam to the needles of the machine, means acting on said warp yarns for tensioning same, a movable tension regulating bar engaged with said warp yarns, and a tension regulating bar drive associated with said tension regulating bar for imparting periodic reciprocating movements to said tension regulating bar whereby tension modifying actions of the reciprocating warp guides on the tensioned warp yarns are substantially compensated.

2,451,500
METHOD OF MAKING COMMUTATORS
Erwin L. Le Greid, Westlake, Ohio, assignor to Fairchild Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application April 26, 1945, Serial No. 590,423
2 Claims. (Cl. 29—155.54)



1. The method of making commutators which comprises providing a channel-shaped metal strip having an additional marginal flange along one edge whereby such edge of said strip is T-shaped in cross-section, cutting away said flange at regularly spaced intervals to leave regularly spaced projections to which windings may be attached, transversely notching the legs and, to a portion of its depth, the web of said channel intermediately of said projections, slotting said web for a portion of its width intermediately of and from the side on which said projections occur, bending said strip in the areas of said notches to bring adjacent each other the ends thereof and to form a regular polygon, filling the polygon thus formed with a moldable insulating material, and then turning off the outer portions of the polygon to a cylindrical form so that all of the metal is cut away in the notched areas, leaving a cylindrical commutator with a continuous outer surface consisting of alternate segments of metal and insulating material.

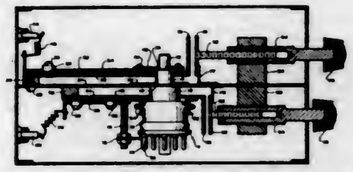
2,451,501
SPECULAR REFLECTOMETER
William Liben, New York, N. Y.
Application September 21, 1944, Serial No. 555,158
1 Claim. (Cl. 88—14)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



Apparatus for measuring the light reflectance from reflective surfaces, which comprises a housing, a mounting in the housing forming a closure for an end of the housing, a source of light mounted on the closure for illuminating the interior of the housing, the said housing having an opposite open end adapted to engage the reflective surface of a test object, a collimating lens mounted in the housing intermediate the ends for receiving light from the said source, a pair of oppositely directed arms opening into the housing intermediate the collimating lens and the test surface, the said arms forming a pair of op-

positely directed chambers, one of which chambers is a light trap chamber, the other of which chambers is a light-energizing chamber, the light trap chamber being closed by an end closure member provided with an interiorly disposed concave conical recess having a light absorptive surface thereon, a semi-transparent mirror mounted in the housing intermediate the openings of the said chambers into the housing, the said semi-transparent mirror being adapted to reflect a portion of collimated light incident thereon from the light source into the light trap chamber for absorption therein on the concave conical light-absorbing surface while passing the remaining amount of the incident collimated light to the test surface for reflection therefrom back to the mirror, light-responsive-means mounted in the light-energizing chamber, and a focusing lens mounted in the light-energizing chamber adjacent to the opening thereof into the housing, the said focusing lens having a focal length substantially equal to the distance from the lens to the end of the chamber for transmitting and focusing the light reflected from the test surface and thence from the mirror against the end of the light-energizing chamber, the said light-responsive means receiving light transmitted by the focusing lens and becoming energized by the said light whereby the reflectance of the test surface may be determined.

2,451,502
ULTRA HIGH FREQUENCY OSCILLATOR
Henry Lisman, Belmar, and Edwin K. Stodola, Neptune, N. J., assignors to the United States of America as represented by the Secretary of War
Application August 14, 1945, Serial No. 610,861
8 Claims. (Cl. 250—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An electronic circuit assembly comprising an electron tube having axially-spaced cathode, grid, and anode terminals arranged in the order named, three spaced, parallel plates perpendicularly disposed with respect to the axis of said tube, the middle plate being substantially in the plane of the grid terminal and connected thereto, means to couple the upper and lower plates to said anode and cathode terminals, respectively, a portion of one of said plates being bent from the main body thereof, and a movable metallic plate supported by and coupled to an adjacent plate and cooperating with said bent portion to form a variable capacity therewith.

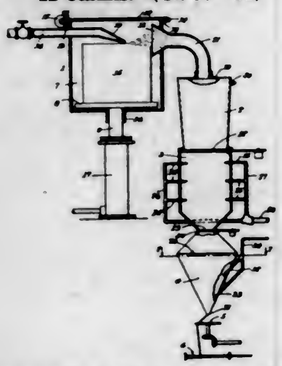
2,451,503
SHAPER FOR TROUSERS
Joseph Mastrillo, Trenton, N. J.
Application September 26, 1946, Serial No. 699,461
2 Claims. (Cl. 223—63)

1. A device of the character described, comprising an adjustable frame for shaping trousers including a pair of complementary U-shaped members, having shortened inturned end portions and elongated inturned end portions respectively, said U-shaped members having a flat rear edge and a tapered front edge and means for retaining the frame in adjusted positions, said means comprising U-shaped clamp members adapted to be inserted on the shortened ends of said U-shaped frame members, a pivoted latch carried by each



of said clamp members, said latch having a tapered tongue portion which is adapted to lie intermediate of the tapered front edges of said frame members to lock said frame members in adjusted relation to each other.

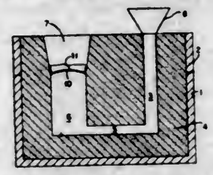
2,451,504
METHOD OF AND APPARATUS FOR SPINNING COTTON AND OTHER TEXTILE FIBERS
Marion S. Mayo, Los Angeles, Calif.
Application July 23, 1945, Serial No. 606,622
11 Claims. (Cl. 57—34)



1. Apparatus including a cyclone chamber into which cotton or other fibers may be introduced, said chamber being formed with a reduced open end, and air nozzles extending tangentially into and toward said reduced end of said chamber for directing jets of air under high pressure into said chamber for subjecting the cotton and other fibers to a swirling and conical spiral motion for paralleling and spinning said fibers into yarn.
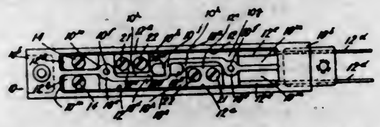
2,451,505
SCREEN FOR CASTING RISERS
Edwin T. Myskowski and Howard F. Taylor, Washington, D. C.
Application May 21, 1945, Serial No. 594,881
4 Claims. (Cl. 22—134)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. In a casting apparatus having a riser chamber and a casting chamber, a convex, metallic perforated screen interposed between said casting chamber and said riser chamber, the outer peripheral portion of said screen being bent up-



wardly and outwardly so as to wedge against the inner side of the riser chamber and aid in retaining the screen in position on the chamber.

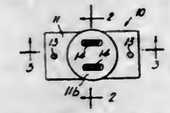
2,451,506
BACK CONNECTION FEED UNIT
Joseph F. O'Brien, Lebanon, and Earl S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application November 29, 1944, Serial No. 565,724
1 Claim. (Cl. 173—334.1)



A feed unit of a seriatim electrical conduit system comprising a self-enclosed housing including a separable base member, said housing and said base member being formed of insulating material, said housing having a female formation at one end and a male formation at its opposite end, electrical conductors extending longitudinally into said housing and having their ends projecting from said male end formation, a longitudinal partition extending from the inner face of the front wall of said housing for isolating said electrical conductors, a set of recesses extending transversely of said housing, said recesses corresponding in number to the number of said electrical conductors, a number of bus conductors coextensive with said housing and corresponding to the number of said electrical conductors, said bus conductors being respectively connected to said electrical conductors at their respective ends inwardly of said housing, each of said bus conductors comprising a longitudinally extending flat strip portion, and further comprising at one end an arcuately configurated hollow arm arranged to receive the inward end of its associated electrical conductor, an opening formed in said base member through which power supply leads may pass, and apertures formed in said housing substantially in alignment with said arcuately hollow arms for the reception of the blades of an electrical connector plug.

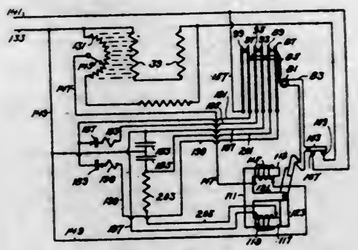
2,451,507
ELECTRICAL OUTLET RECEPTACLE DEVICE
Joseph F. O'Brien, Lebanon, and Earl S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application March 9, 1946, Serial No. 653,322
6 Claims. (Cl. 173—330)

1. An electric outlet receptacle device comprising a housing having an elongated portion of substantially flat strip formation adapted to lie with a broad face flush against a supporting surface, and having an enlarged intermediate outlet portion; longitudinal chamber means defined within said elongated portion of the housing for receiving and retaining electrical contact elements, said chamber means being open-ended providing passage for electrical conductors; chamber means defined within said enlarged outlet portion of the housing, said enlarged outlet portion protruding from said broad face, and the last-named chamber means extending transversely across said longitudinal chamber means into the said protruding portion of the housing



providing pocket means for accommodating the contact means of electrical devices utilizing said outlet receptacle device; electrical contact elements lying within said longitudinal chamber means and having intermediate outlet members disposed at the junction of the said internal chamber means; and aperture means formed through said enlarged portion of the housing opposite said pocket means, affording entry of said contact means of electrical devices utilizing the outlet receptacle device.

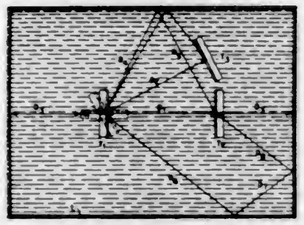
2,451,508
AUTOMATIC ELECTRIC TOASTER
Bror G. Olving, Elgin, Ill., assignor to McGraw Electric Company, Elgin, Ill., a corporation of Delaware
Application November 22, 1944, Serial No. 564,622
3 Claims. (Cl. 219—19)



1. In an automatic electric toaster the combination with electric toast heating elements, a control switch for said heating elements biased to open position, movable means to cause closing of said switch to start a toasting operation and a latch to hold the switch in closed position, of means for terminating a toasting operation, comprising an electromagnetic differential relay having two oppositely acting coils for controlling said latch, means for energizing one coil with a current of substantially constant value comprising an adjustable potentiometer connected to the terminals of the heating elements and means for energizing the other coil by an initially large and then decaying current comprising at least one pair of half-wave dry-disc type rectifiers, a timing condenser, a timing resistor connected in series circuit with said timing condenser, means to energize said rectifiers momentarily during the movement of said movable means to fully charge said condenser, the condenser then discharging through said timing resistor and said other coil with an initially large and then decaying current, termination of a toasting operation and release of said latch occurring when the current traversing said other coil has reached a predeter-

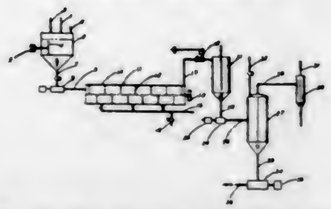
mined low value, said potentiometer having a positive temperature coefficient of resistance and being subject to heat from the toast heating elements to ensure that successively toasted slices of bread shall be uniformly toasted, irrespective of changes of temperature of the toaster.

2,451,509
TESTING DEVICE FOR SOUND PROJECTORS
Ollie M. Owsley, Alexandria, Va.
Application July 5, 1944, Serial No. 543,596
11 Claims. (Cl. 73—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



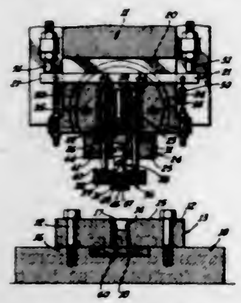
1. In the testing of an underwater sound transducer, by the use of a second underwater sound transducer, both being submerged in a water-filled testing tank, the method of testing which comprises positioning said transducers as far apart in said tank as will permit the earliest reflected sound wave transmitted by one of said transducers to arrive at said second transducer enough after the directly transmitted waves to permit said directly transmitted waves to make a sensible impression upon said second transducer before the arrival of said reflected sound waves, applying a driving energy to one of said transducers, measuring the energy applied to said transducer, receiving by the second transducer the energy directly transmitted by said first transducer, measuring the received energy, comparing the energy transmitted and the energy received, keying said driving energy to permit the transmission of a sensible signal and keying reception to receive said directly transmitted signals and to cut off before the reflected signals arrive at said second transducer.

2,451,510
PROCESS FOR MASHING CEREALS
Ellis C. Pattee, Cincinnati, Ohio, assignor to National Distillers Products Corporation, a corporation of Virginia
Application March 29, 1943, Serial No. 480,917
1 Claim. (Cl. 195—21)



In the process of mashing cereals, the steps of first gelatinizing the same by conducting the same, in admixture with water to the extent of from 300 to 700% by weight of the cereals, progressively forward as a continuous stream through a first zone maintained at from 100 to 160° C., the rate of progression being so related to the volume of said zone that the cereal is held at said temperature for a period of from 3 to 20 minutes, thereafter passing the material in admixture with malt as a continuous stream through not exceeding two stages of pressure reduction, the final stage being maintained under an absolute pressure of substantially 150–200 mm. of mercury, whereby the temperature is instantaneously reduced to from 60 to 65° C., the rate of discharge being so related to the volume of said final stage that the material is saccharified in said final stage for a period of from 3 to 30 minutes, and continuously withdrawing the saccharified material from said final stage.

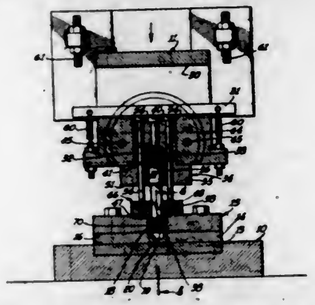
2,451,511
MEANS FOR MAKING WRENCH SOCKETS AND THE LIKE
Henry T. M. Rice, San Marino, Calif.
Application May 24, 1944, Serial No. 537,064
5 Claims. (Cl. 78—9)



5. Press forging apparatus for forming socketed articles from billets, comprising: a die block having a non-undercut substantially parallel-sided die cavity sunk therein, a die punch of smaller cross-sectional size than said die cavity reciprocable into and out of said die cavity, a reciprocable plunger head adapted to carry said punch toward and from said die block, a die closure mounted on said plunger head and arranged for movement relative to the plunger head in a direction parallel to the reciprocative movement of the plunger head, yielding means normally holding said member in an advanced position relative to said plunger head, said die closure member being engageable with and stopped by said die block at a predetermined position in the course of travel of said plunger head toward said die block, and said die closure member having an extension receivable with a close sliding fit within an end portion of said parallel-sided die cavity as said member closely approaches and then engages said die block, said die closure and its said extension having an aperture slidably receiving said punch, said plunger head being adapted finally to positively engage said die closure element and hold it rigidly against said die block as said die punch reaches the limit of its forward travel.

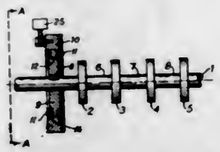
2,451,512
MEANS FOR PRESS FORGING ARTICLES
Henry T. M. Rice, San Marino, Calif.
Application May 26, 1944, Serial No. 537,390
9 Claims. (Cl. 78—9)

1. Press forging apparatus of the character described, comprising: a die block having a die cavity sunk therein, a die punch reciprocable into and out of said die cavity, an abutment closing the inner end of said die cavity and formed with a transverse rib extending transversely across the



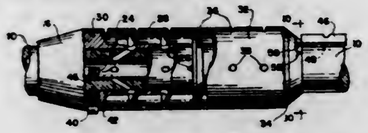
inner end portion of the cavity and spaced from two opposite sides thereof, and a central notch in said rib adapted to slidably receive the end portion of said punch.

2,451,513
OSCILLATION REDUCING DEVICE
Francois Marie Michel Bernard Salomon, Paris, France; vested in the Attorney General of the United States of America
Original application August 16, 1939, Serial No. 290,433. Divided and this application May 25, 1945, Serial No. 595,838. In France August 17, 1938
9 Claims. (Cl. 74—574)



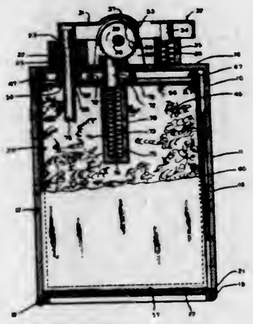
1. In apparatus of the class described, a rotatable machine member having a guideway concentric with the axis of rotation thereof, a damping mass mounted on said member for angular movement relative thereto on said guideway, yieldable means for resisting relative movement of said mass and member, and at least one pendular damping mass carried by said first-named damping mass.

2,451,514
COMPENSATOR FOR GUNS
James E. Sieg, United States Coast Guard
Application November 21, 1945, Serial No. 630,104
3 Claims. (Cl. 89—14)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



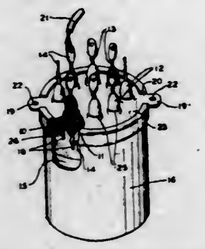
1. In combination with a gun barrel having a section provided with inclined means permitting gases to escape therethrough, a compensator including a sleeve encircling said section and having openings therethrough normally registering with the said inclined means, said sleeve being rotatable with respect to said section to vary the registration of said openings and inclined means, a perforated member spaced from and encircling the sleeve, and inclined members dividing the space between the sleeve and perforated member into compartments.

2,451,515
CIGARETTE LIGHTER
Justin Simon, Brooklyn, and Richard S. Temko, New York, N. Y.; said Temko assignor to Constance A. Simon, Woodmere, N. Y.
Application May 23, 1944, Serial No. 536,916
7 Claims. (Cl. 67—7.1)



1. Cigarette lighter construction comprising: a casing; a cartridge, said cartridge being adapted to contain fuel and having a flint carrier associated therewith; a flint disposed within said carrier; a gate movably associated with the cartridge and the carrier and adapted in the open position thereof, to allow the flint to move upwardly of said carrier and in the closed position thereof to obstruct movement of the flint upwardly of the carrier and means associated with the casing and adapted to actuate said gate.

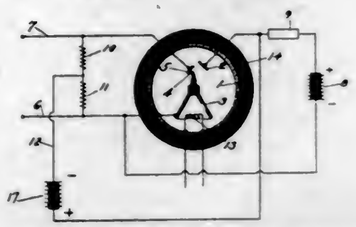
2,451,516
SEAL TERMINAL
Max Skobel, Eatontown, N. J., assignor to the United States of America as represented by the Secretary of War
Application July 14, 1945, Serial No. 605,171
3 Claims. (Cl. 174—151)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A terminal assembly comprising in combination, a pre-formed mounting plate of flexible

insulating material with projecting funnel-like sleeves integrally attached thereto having longitudinally disposed passages of restricted diameter therethrough, a plurality of reinforcing rigid plates disposed above and below said mounting plate with holes therein aligned with said sleeves to permit the latter to project therethrough and having raised ridges around the edges of the holes said ridges being shaped to apply compression to the bases of said sleeves, terminal rods having lugs on the ends thereof for insertion through said restricted passages by expanding said passages as the lugs pass therethrough, the diameter of said rods being larger than the diameter of said passages whereby after insertion the rods will be held securely and resiliently within said restricted passages and the lugs projected above and below said plates beyond said sleeves.

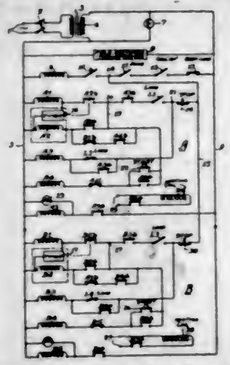
2,451,517
HIGH-FREQUENCY ELECTRON DISCHARGE DEVICE OF THE TRIODE TYPE
Charles G. Smith, Medford, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application September 22, 1943, Serial No. 503,354
4 Claims. (Cl. 250—27.5)



1. An electronic discharge device comprising an envelope evacuated to a degree sufficient to prevent gaseous conduction and containing an anode, a cathode having an emission element sufficiently sharp to provide an electron emissive surface having a voltage gradient at said surface of at least 10,000 volts per centimeter when the potential drop between said anode and said cathode is of the order of 100 volts, a control electrode adjacent said cathode for altering the voltage gradient at said surface to change the work function of said emissive surface and thereby effect instantaneous changes in the electronic emission of said surface, and means adjacent the space between said cathode and anode for imposing a magnetic field upon said space in a direction to deflect electrons emitted by said cathode away from said control electrode and toward said anode.

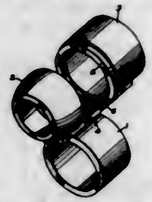
2,451,518
MULTIPLE FURNACE CONTROL
Harold A. Strickland, Jr., Grosse Pointe Park, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio, a corporation of Ohio
Application April 18, 1945, Serial No. 589,054
7 Claims. (Cl. 219—20)

4. In power equipment, a first induction heating coil adapted to receive a load, a second induction heating coil adapted to receive a load, a common source of power for said coils, timer means for timing a heating cycle separately in each coil, load control means for preventing a heat cycle in a coil without a load in that coil, control means for preventing a heat cycle in either coil while a heat cycle is progressing in the other coil, and means for preventing a renewed



cycle in either one of said coils after an interrupted cycle in that coil, without first removing and replacing the load in that coil.

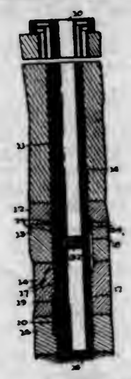
2,451,519
CARTRIDGE BELT LINK
René R. Studler, Washington, D. C.
Application March 10, 1943, Serial No. 478,661
14 Claims. (Cl. 89—35)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a link for a machine gun belt of the disintegrating type, first and second loops shaped to embrace a cartridge, a body portion rigid with said first and second loops and connecting the same in coaxial spaced relation, said body portion, first and second loops being of plastic material, and a third resilient metallic loop secured to said portion between said first and second loops and in contact with the inner end of said first loop and in coaxial relation with said first and second loops, said third loop being adapted to resiliently grip a cartridge inserted into said first and second loops.

2,451,520
METHOD OF COMPLETING WELLS
Abraham J. Teplitz, Oakmont, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
Application May 29, 1945, Serial No. 596,511
2 Claims. (Cl. 166—22)

2. A method of completing a well which is cased and cemented throughout the producing section said casing and cement being perforated in the zone of desirable production comprising forcing a suspension of radioactive material into the producing perforations and cement channels, removing the suspension from inside the casing, running a radioactivity log of the producing section, allowing the well to produce for a short interval, running a second radioactivity log to determine the presence of channels which permit entrance of undesirable components, perforating and re-cementing opposite the indicated source of said undesirable fluids and erecting a



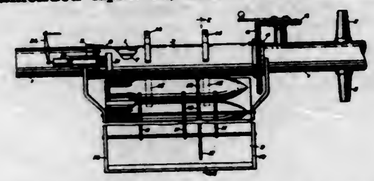
barrier inside the casing between said perforations and the original perforations whereby the zone of production and original perforations are protected from contact with the cement during such re-cementing operation.

2,451,521
MAGAZINE LOADER
Alfred H. Ugium, Waterville, Iowa
Application January 9, 1945, Serial No. 572,044
1 Claim. (Cl. 86—47)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



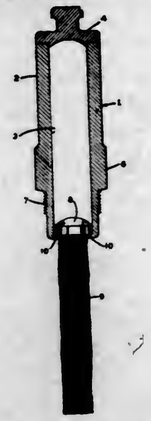
A filler for sub-machine gun magazines having an open end, including a support for holding a magazine with open end downward, means arranged on said support beneath the open end of said magazine for pressing a cartridge upwardly into the magazine comprising a plunger mounted for vertical reciprocating movement, a rotatable shaft disposed beneath the plunger, a crank on said shaft, a connecting rod rotatably connected at its lower end to said crank and pivotally connected at its upper end to said plunger, and means for rotating said shaft, and gravity actuated means carried by said support for delivering cartridges one by one onto said plunger comprising a hopper elevated relative to the said plunger provided with vertical guide grooves for slidably engaging the rims of cartridge cases to maintain the cartridges in alignment one above the other and a passageway communicating at an angle with said hopper adjacent the bottom of the vertical guide grooves for delivering cartridges one by one from the guide grooves to the top of said plunger.

2,451,522
ROCKET PROJECTOR
Edward G. Uhl, Elizabeth, N. J., and Leslie A. Skinner, Washington, D. C., assignors to the United States of America as represented by the Secretary of War
Application December 2, 1942, Serial No. 467,660
13 Claims. (Cl. 89—1.7)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A rocket projector comprising a tube, a rotatable sleeve movable on said tube between the ends thereof, apertures in said tube and said sleeve capable of being aligned with each other to allow a rocket to be admitted to the tube, means to rotate said sleeve to a position in which the apertures are out of alignment whereby the aperture in said tube is closed, and loading means on the sleeve extending exteriorly before the sleeve aperture in a direction to engage outwardly of a rocket beside the tube and cam the rocket into the aperture of the tube as the sleeve uncovers and closes the tube aperture.

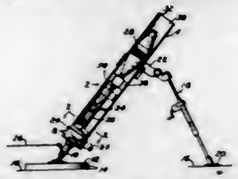
2,451,523
CORROSION INHIBITOR
Thomas A. Walb, Philadelphia, Pa.
Application June 30, 1945, Serial No. 602,640
2 Claims. (Cl. 299—20)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A device of the character described comprising a casing having an elongated open-ended chamber therein, a member disposed in said chamber and arranged for sliding movement lengthwise thereof, a flange at the open end of said casing extending into the path of said mem-

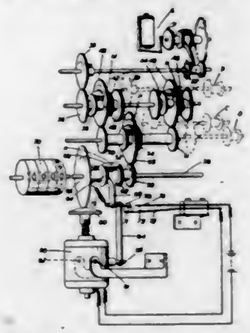
ber to prevent withdrawal thereof entirely from said chamber, a wick secured to said member and extending lengthwise within the body substantially the entire length thereof, said wick being impregnated with a corrosion inhibitor material and arranged for withdrawal from the chamber to the extent limited by engagement of said member with said flange, and a cover cap on the open end of the casing to close the chamber and seal the wick therein, said cover cap being removable when it is desired to withdraw the wick from the casing preparatory to using the device.

2,451,524
RANGE ADAPTER FOR MORTARS
Brooks Walker, Piedmont, Calif.
Application August 6, 1945, Serial No. 609,315
18 Claims. (Cl. 89—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



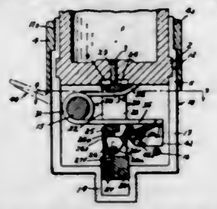
18. In a range reducer adapted for insertion into a mortar comprising a barrel having a bore, an elongated member of lesser diameter than the diameter of said bore and slidably disposed in said bore, vane means attached to said member adjacent the ends thereof and engaging the walls of said bore to locate said member axially of bore, and a forwardly projecting firing pin carried by said member at its forward end.

2,451,525
TOTALIZATOR COUNTER
Christopher Frederick Webb, London S. W. 1, England, assignor, by mesne assignments, to General Register Corporation, Long Island City, N. Y., a corporation of New York
Application April 13, 1943, Serial No. 482,888
In Great Britain March 1, 1943
9 Claims. (Cl. 235—92)



1. In combination, a plurality of impulse-receiving devices, a member associated with each device arranged to be displaced from an initial position upon reception of impulses by its associated device, a common registering means, power operated means for actuating said registering means to register the total number of impulses received by said devices and for simultaneously returning any displaced member to its initial position, and means operable when any member is displaced from its initial position to cause said power operated means to actuate said registering means, and when all of said members are returned to their initial positions to interrupt such actuation of said registering means.

2,451,526
FIRING MECHANISM
Saul Weiss, Washington, D. C.
Application May 29, 1944, Serial No. 537,881
8 Claims. (Cl. 89—27)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



4. A firing mechanism for a firearm comprising a firing pin unit having a lateral aperture, a spring means having a coiled portion and upper and lower spring elements extending laterally therefrom, means associated with said coil portion for mounting said spring adjacent said unit, said spring elements being received within said aperture, cocking means to retract the said unit against the action of one of said spring elements and means on the cocking means to further stress the spring by contact with the other of said spring element simultaneously with the cocking operation.

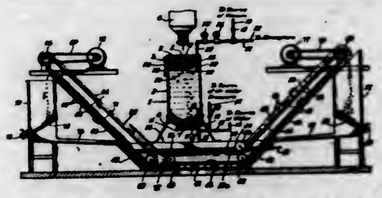
2,451,527
REARWARDLY STRIKING FIRING MECHANISM
George Norman Albree, Winchester, Mass.
Application August 22, 1944, Serial No. 550,578
17 Claims. (Cl. 42—69)



1. A firearm of the rim fire type, comprising a barrel having a firing chamber, an anvil member in the rear of the barrel to engage the end of a rim fire cartridge occupying the firing chamber, and means for detonating said cartridge in said firing chamber, said means including a firing element situated in front of the anvil member to engage with the front face of the rim of said cartridge thereby to pinch said rim against the anvil.

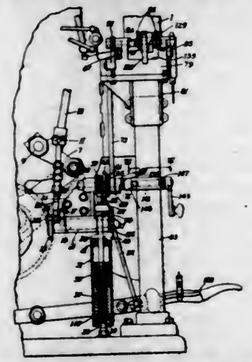
2,451,528
METHOD FOR SEPARATING WORM-DAMAGED NUTS FROM SOUND NUTS BY IMMERSION IN A GRAVITY LIQUID
James A. Armstrong, Downey, Calif.
Application June 28, 1943, Serial No. 492,524
6 Claims. (Cl. 209—3)

1. The method of separating whole perforate-shelled worm-damaged nuts from whole imperforate-shelled nuts which comprises immersing the nuts in a liquid, then subjecting the liquid and the immersed nuts to a substantial increase in pressure to cause some of the liquid to enter and partially fill the perforate-shelled nuts, and



thereafter subjecting the nuts to gravity separation in a liquid medium to separate the liquid-containing perforate-shelled nuts from the imperforate-shelled nuts.

2,451,529
WORK SHIFTING MECHANISM FOR HEEL-ATTACHING MACHINES
William Arthur Barker and Thomas Baggott Clarke, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application April 12, 1946, Serial No. 661,816
In Great Britain April 28, 1945
13 Claims. (Cl. 12—19.2)



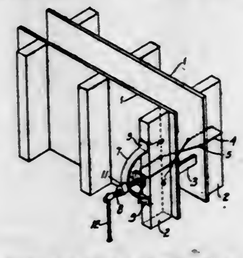
1. In a heel-attaching machine, a shoe-support, a carrier movable between two positions, two operating mechanisms mounted upon the carrier and respectively cooperating with the shoe-support in the two positions of said carrier, means for moving the carrier to its two positions, means resisting movement of the carrier, and means arranged to vary the resistance.

2,451,530
ELECTRIC FENCE INSULATOR
Edward A. Beard, Marseilles, Ill.
Application February 5, 1946, Serial No. 645,588
1 Claim. (Cl. 174—163)



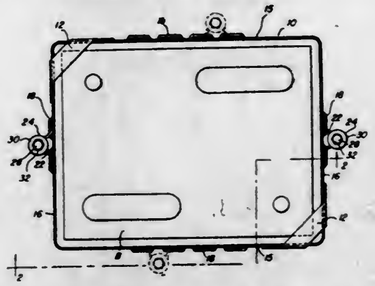
An insulator for electric fences, comprising a cylindrical insulator member having a central axial opening and a radial slot extending from the outer periphery of said insulator member into said axial opening, the slot being arranged at an angle to the axis of the opening, the sides of the slot extending into said opening to form ribs which are parallel to said slot, the insulator member also being provided with a pair of spaced circumferentially extending parallel grooves formed in its outer periphery, the grooves having their opposite ends arranged upon opposite sides of and near the slot, a mounting spike secured to the insulator member and disposed opposite to the slot and projecting laterally beyond the opposite sides of the insulator member, and spaced opposed pairs of parallel arcuate fingers secured to the spike and arranged in the grooves and engaging the ends of the grooves, the arcuate fingers serving to secure the spike to the insulator member and to positively hold the insulator member against turning.

2,451,531
WIRE TIGHTENER
Burt J. Bradley, Boise, Idaho
Application April 29, 1946, Serial No. 665,873
5 Claims. (Cl. 140—119)



1. A tightener for a tie wire having ends straddling a stake and projecting beyond an edge thereof, the tightener comprising a yoke braced against the stake, a head member having means for securing the wire ends thereon and a threaded element co-operable with the yoke in advancing the element, the latter being anchored to the head with limited freedom of revolving motion.

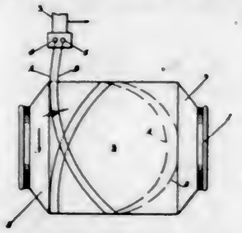
2,451,532
BATTERY HOLDING DEVICE
Felix E. Brown, Bethlehem, Pa.
Application April 12, 1945, Serial No. 587,993
2 Claims. (Cl. 180—68.5)



1. A battery retaining device, comprising a rectangular-shaped frame having comparatively narrow side and end panels with diagonally disposed strips connecting the upper edges of the panels of corners of the frame for engaging the upper end of a battery to hold the battery down-

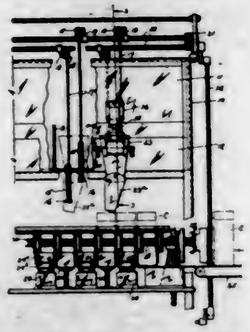
wardly, the panels of said frame having pairs of flat loops struck from intermediate portions thereof and extended outwardly with the inner surfaces of the loops spaced from the outer surfaces of the panels, and U-shaped clips with outwardly extended flanges at the ends and having slots in the lower edges positioned on the loops struck from the frame with the flanges thereof in the loops, and with the slots in the lower edges of the clips positioned over the ends of the loops.

2,451,533
METHOD OF PRODUCING IMPROVED YARN
Paul Haven Cannon, Rome, Ga., assignor, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
Application October 17, 1945, Serial No. 622,797
2 Claims. (Cl. 57—156)



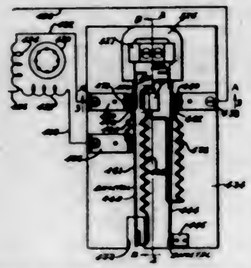
1. Method of producing an improved yarn, which comprises simultaneously spinning two separate yarns, forming a package of said separate yarns by cross-winding the same on to said package while maintaining said yarns in a spaced relation at all points of the package and in such a manner that one yarn forms a shoulder at one end of the package while a different yarn forms a shoulder at the other end of the package and then removing said yarns from the package and simultaneously twisting the same so as to form a blended yarn in which the portions of the yarn at the shoulders are staggered with respect to each other in the blended yarn.

2,451,534
MACHINE FOR WEIGHING AND PACKING MIXED NUTS OR THE LIKE
Sofus Christensen, Valley Stream, N. Y., assignor to Graham Company, Inc., New York, N. Y., a corporation of New York
Application October 31, 1945, Serial No. 625,813
6 Claims. (Cl. 249—15)



2. An apparatus for packing mixed solid articles of various weights into a package of a correct prescribed weight, comprising a receptacle divided into a number of compartments for holding articles of different weights, dependent hoppers leading from and opposite each compartment, a corresponding number of weighing scales of progessively increasing capacity arranged below and in range with said hoppers, means for continuously conveying a package over said scales, vertically reciprocating means in each compartment capable of lifting at each stroke a single article at a time to the mouth of its hopper, means for discharging said lifted article from said reciprocating means into the corresponding hopper and means automatically controlled from each weighing scale for operating said discharge means when the weight of a package is less than the predetermined weight setting of the scale.

2,451,535
MULTIPLE CONTROL
Harry F. Clark, Oakwood, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 29, 1943, Serial No. 473,892
5 Claims. (Cl. 200—122)

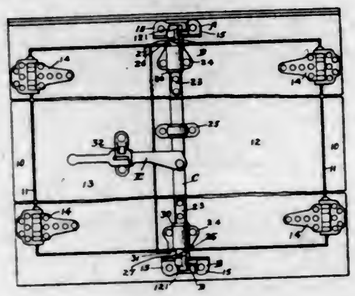


1. A control including a plurality of movable means, each of said movable means including a portion of magnetic material, means for mounting said movable means to hold said portions of magnetic material in alignment for movement into contact with and away from each other, separate independent flow control devices individually operable by two of said movable means when said two movable means each reach a predetermined position away from each other, magnetic means having poles located beyond the limit of movement of said portions of magnetic material to form a magnetic field throughout the path in which said portions of magnetic material operate for providing a magnetic force to hold said two movable means in said predetermined positions and to cause the portions of magnetic material to be attracted to each other when both leave said predetermined positions and move toward each other and also to cause said portions of magnetic material to return simultaneously to said predetermined positions when this attraction is overcome.

2,451,536
DIALLYL DIGLYCOLATE-STYRENE COPOLYMER
Martin E. Cupery, Brandywine Hundred, and Henry S. Rothrock, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 25, 1945, Serial No. 574,615
1 Claim. (Cl. 260—78.3)

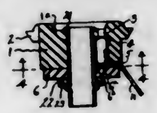
An interpolymer of diallyl diglycolate and styrene wherein the ratio by weight of said ester to styrene is at least 2 to 98.

2,451,537
DOOR FASTENER
George E. Dath, Mokena, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application November 14, 1946, Serial No. 709,808
3 Claims. (Cl. 292—218)



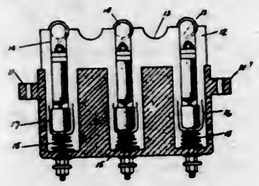
1. In a fastener for a hinged door of a container, the combination with fixed top and bottom keepers on said container above and below the door; of a vertically disposed, rotary operating bar on said door; top and bottom keeper engaging members on said bar having camming engagement with the keepers; and top and bottom, radially extending arms on said keeper engaging members respectively engageable over the top keeper and beneath the bottom keeper to lock said bar against vertical displacement when the fastener is in door locking position, said top arm having wedging engagement with the upper side of the top keeper, and said bottom arm having wedging engagement with the underneath side of the bottom keeper.

2,451,538
TUBE SOCKET FOR RADIO AND LIKE TUBES
Scipione M. Del Camp, Maywood, Ill., assignor to Cinch Manufacturing Corporation, Chicago, Ill., a corporation of Illinois
Application August 16, 1944, Serial No. 549,728
3 Claims. (Cl. 173—328)



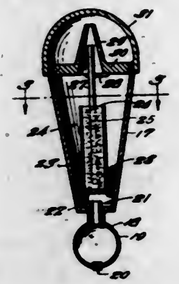
2. An electrical socket for connection with prong type tubes and the like comprising a socket body formed with a plurality of prong-receiving apertures opening through the upper face and contact-receiving bores below and communicating with said prong-receiving openings, a prong-engaging contact loosely and shiftably mounted in each of said bores, and a retainer member engaging the lower face of said socket body and underlying said bores for retaining said contacts therein, said retainer member having bosses extending into the contact-receiving openings to hold the contact members in positions to increase the barrier between adjacent contact members thereby increasing the voltage breakdown of the socket.

2,451,539
NEON LIGHTING EQUIPMENT
Stephen Denning, Toronto, Ontario, Canada, assignor to E. L. Ruddy Company, Limited, Toronto, Ontario, Canada
Application June 17, 1944, Serial No. 540,860
1 Claim. (Cl. 173—328)



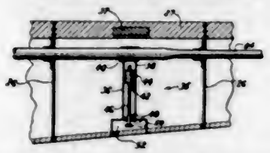
In neon lighting equipment, a housing formed of insulated material and having outside mounting flanges, the said housing being formed with a plurality of recesses, a wall projecting outwardly from one edge of said housing and having a plurality of arcuate neon tube supporting surfaces formed in the edge thereof and located at right angles to the direction of the recesses formed in said housing, phosphorus helical springs situated in the bottom of the recesses of said housing and detachably secured terminal posts extending through the bottom of said recesses, cups supported by said helical springs and enclosing the ends of neon tubes, electrodes in the neon tubes electrically connected to said cups, the neon tubes being supported by the arcuate surfaces of said wall and extending into the recesses of the housings and contacting with said cups, and fastening members for detachably securing said tubes in the said arcuate supporting surfaces against the tension of the said helical springs.

2,451,540
INHALER
Frank J. Dinyer, Mandan, N. Dak.
Application September 28, 1945, Serial No. 619,086
2 Claims. (Cl. 128—185)



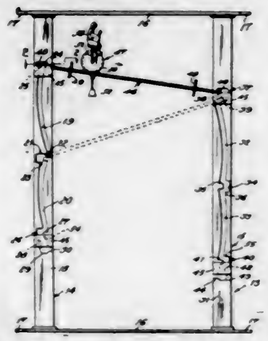
1. In a hand pressure type inhaler of the class described, a case transversely partitioned at one end to define separate chambers, one chamber for accumulation of air under pressure, an air furnishing bulb attached to one end of said case and communicating with said last-mentioned chamber, a plurality of communicating tubes mounted in said partition and affording communication at opposite open ends between said chambers, and a nozzle mounted on the opposite end of said case and substantially closing the end of the adjacent medicament chamber.

2,451,541
DYNAMIC BALANCER FOR ROTOR BLADES
Glidden S. Doman, Stamford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application May 24, 1945, Serial No. 595,605
6 Claims. (Cl. 170—159)



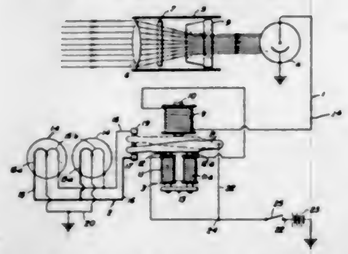
2. A rotor blade comprising structural parts shaping the blade including a longitudinal leading edge member of substantial mass, a hollow blade portion trailing said leading edge member and terminating in the trailing edge of said blade and a longitudinal spar located aft of said leading edge member, and mechanism carried by said spar in the outer third of the length of the latter and extending aft of said spar into said hollow blade portion for adjusting the chordwise mass center of the outer portion of said blade into coincidence with the chordwise aerodynamic center thereof, said adjusting mechanism including chordwise guiding means, a mass movable along said guiding means, and a rotatable adjusting member having a screw threaded connection with said mass and operable from the exterior of said blade for adjusting said mass chordwise of said blade.

2,451,542
TOY
Aimee J. Dube, Troy, N. Y.
Application December 13, 1946, Serial No. 716,039
7 Claims. (Cl. 46—130)



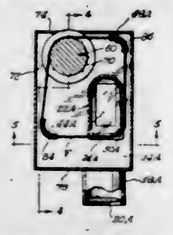
1. In a toy of the character described, a base, a pair of uprights secured thereto and rising therefrom in substantially parallel relationship, said uprights having longitudinally disposed slotted portions including arcuate longitudinal sections and upwardly facing shoulders, a rod having transverse portions for slidably engaging said slotted portions of the uprights and constructed and arranged to rest on said upwardly facing shoulders and to slide relatively to said arcuate portions in response to intermittent oscillatory movement of opposite ends of said rod, a wheeled vehicle adapted to be propelled by gravity from adjacent one end to adjacent the opposite end of said rod, and said rod having stops forming abutments for the wheeled vehicle by the impact of which said rod is laterally displaced relatively to the uprights and thereby caused to oscillate and slide relatively to the slotted portions of said uprights for positioning the opposite ends of the rod alternately in elevated position whereby said vehicle will be caused to move alternately from end to end of the rod.

2,451,543
AUTOMATIC HEADLIGHT DIMMER
Richard A. Edell, Montgomery, Minn.
Application April 1, 1946, Serial No. 658,858
5 Claims. (Cl. 315—82)



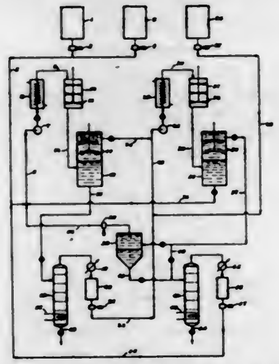
1. An automatic light dimming mechanism for vehicles comprising a detector circuit including a light-sensitive cell, a dim-lighting circuit and a bright-lighting circuit, a movable armature actuable for alternately opening and closing said dim-lighting and bright-lighting circuits, a relay for actuating said armature, said relay comprising a permanent magnet adapted to normally attract and hold said armature in closing position with respect to the bright-lighting circuit and a coil connected in the detector circuit and winding about said magnet in a direction such as to create a magnetic flux in opposition to and of approximately the same magnitude as the polarity of the magnet, and an electromagnet in the detector circuit adapted to attract said armature to break the bright-lighting circuit and close the dim-lighting circuit upon energization of the detector circuit.

2,451,544
FILM VIEWING DEVICE
Robert W. Farrell, New York, N. Y.
Application October 26, 1946, Serial No. 705,876
4 Claims. (Cl. 88—17)



1. In a film viewing device, provided with film moving means, a chamber provided with a viewing opening, said chamber having a peripheral wall, in which said viewing opening is provided, spaced side walls, and a second peripheral wall in said chamber spaced laterally of said first mentioned peripheral wall, said second peripheral wall having an opening in registry with said viewing openings, means for mounting an endless film in the form of a single loop in said chamber widthwise between said spaced side walls for movement by said film moving means around said second peripheral wall in the space between said two peripheral walls and across said openings, said second peripheral wall defining a light compartment sealed from the interior of said chamber except at said opening which registers with said viewing opening, said mounting means including stationary parts which are slidably engaged by the film and including also a rotary member having a cylindrical portion engaging the surface of film and directing the latter for movement from one direction to a direction transversely of said one direction and provided with means releasably engageable with the film for moving the latter around said second peripheral wall.

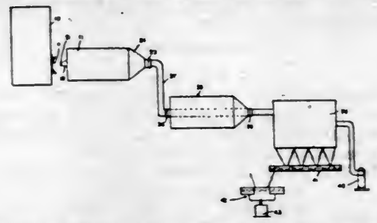
2,451,545
DEWAXING OF HYDROCARBON OILS
Seymour W. Ferris, Mount Holly, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 23, 1944, Serial No. 569,603
2 Claims. (Cl. 196—18)



1. The method of dewaxing an oil-wax mixture which comprises commingling the oil-wax mixture with a solvent and a cerophile at a temperature at which the wax is solidified, said solvent comprising a mixture of toluene, nitrobenzene, and o-nitrotoluene, and said cerophile comprising a liquid paraffinic hydrocarbon, forming two immiscible liquid phases of different specific gravities of which the lighter one comprises the cerophile and the solidified wax suspended therein, and the heavier one comprises the solvent and oil substantially free of solidified wax, separating the lighter phase from the heavier phase, and removing the wax from the lighter phase and the solvent from the heavier phase.

2,451,546
METHOD AND APPARATUS FOR FORMING A POWDER FROM METALS
Harold R. Forton, Greenback, Tenn.
Application June 25, 1945, Serial No. 601,417
2 Claims. (Cl. 18—2.4)

2. Apparatus for producing a powder from a molten material comprising an elongated chamber having an intake opening at one end and having a restricted outlet opening at the opposite end, means for introducing particles of the molten material into the chamber through the intake opening, a second elongated chamber having an intake opening at one end communicating with the outlet opening in the first chamber and also having an outlet opening, means connected to the outlet opening of the second chamber for drawing air through both chambers to successively convey material particles through said chambers, means supporting the chambers for rotation independently of one another about their respective longitudinal axes, means responsive to rotation of the

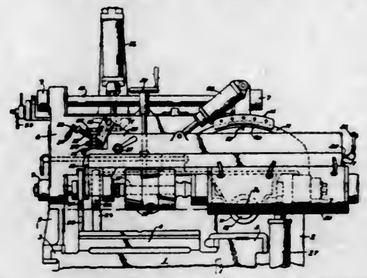


chambers to introduce material particles which have accumulated in the bottom portions of said chambers into the air stream flowing through the chambers, and means for rotating the second chamber at a slower rate than the first chamber to provide an accumulation of material particles in the second chamber.

2,451,547
ALLOY
Howard M. German, East Orange, N. J., assignor to Driver-Harris Company, Harrison, N. J., a corporation of New Jersey
No Drawing. Application January 9, 1942, Serial No. 426,239
6 Claims. (Cl. 75—128)

1. A creep resistant and heat resistant austenitic chromium-nickel-iron alloy comprising substantially 35 percent nickel, substantially 15 percent chromium, 0.5 to 3.0 percent columbium, 0.5 to 3.5 percent molybdenum, 0.01 to 0.8 percent carbon, balance iron.

2,451,548
SWARF MILLING MACHINE
Willem Groen and Rudolph F. Onsrud, Chicago, Ill., assignors to Onsrud Machine Works, Inc., Chicago, Ill., a corporation of Illinois
Application September 21, 1944, Serial No. 555,088
8 Claims. (Cl. 90—13)



1. In a milling machine, a work supporting elongated bed and a cutting tool mounting overlaying said bed for relative travel lengthwise of the bed; said tool mounting comprising a vertically movable elevator member, a tilting member extending transversely across said bed and turnable on said elevator member about a horizontal axis directed along said bed, and located adjacent one side of said bed and a motor-driven tool spindle journaled on said tilting member crosswise of said bed; a cutting tool on said spindle and

spaced from said axis; a pair of guide rollers located respectively on said elevator member and on said tilting member; and a pair of template bars extending along said bed and respectively co-acting with said guide rollers to control respectively the elevation and tilting of said tool spindle with respect to said bed, said tilting member roller being adjustable vertically relative to the axis of said spindle.

2,451,549
PRODUCTION OF METAL SULFONATES
Felix C. Gzemski, Philadelphia, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application August 30, 1945, Serial No. 613,697
4 Claims. (Cl. 260—448)

1. The method of producing a metal salt of an oil-soluble sulfonic acid, which comprises neutralizing an oil containing said oil-soluble sulfonic acid with a heterocyclic nitrogen base at a temperature between 180° F. and 220° F., precipitating and separating the oil-insoluble nitrogen base sulfonate from the oil at a temperature between 140° F. and 160° F., and reacting the nitrogen base sulfonate with a basic compound of a metal at a temperature between 300° F. and 400° F. to replace the nitrogen base with the metal.

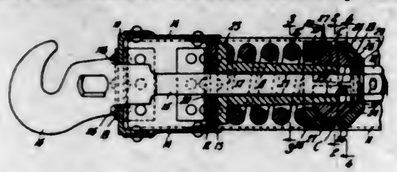
2,451,550
HOLDER
Oscar H. Haller, Los Angeles, Calif.
Application November 14, 1945, Serial No. 628,496
3 Claims. (Cl. 248—315)



1. A flower-pot holder adapted for holding a flower pot against a wall, comprising a wall member adapted to be affixed to a wall, a wing-holding member, a spacing member extending from the wall member to the top of the wing-holding member and adapted to hold the wing-holding member away from the wall, a second spacing member extending rearwardly from the bottom of the wing-holding member and adapted to abut against the wall, a pair of wings protruding outwardly from each side edge of the wing-holding member, each wing forming a ledge at its upper edge and having an oblique edge slanted downwardly and outwardly, a pot-holding ring resting on the ledges and fastened to the wing-holding member for supporting the flower pot, the oblique edges of the wings being slanted to engage the side wall of the flower pot and hold it in an upright position.

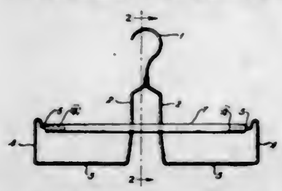
2,451,551
RAILWAY DRAFT GEAR
Stacy B. Haseltine, La Grange, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application June 28, 1943, Serial No. 492,545
6 Claims. (Cl. 213—36)

1. In a draft rigging for a railway car provided with an underframe structure including an end sill and a front stop member, the combination with a friction shock absorbing mechanism including a hollow friction post having a laterally projecting base flange at its front end, the front end of said post abutting said front stop, friction shoes surrounding said post and having lengthwise sliding engagement therewith, a coil spring surrounding said post, said spring reacting between the shoes and the base flange of the post to oppose movement of the shoes forwardly on said



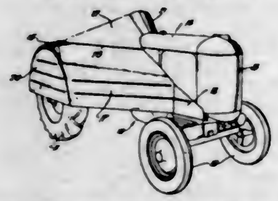
post, and a wedge cap having wedging engagement with the rear ends of said shoes to force the same against the post; of a lengthwise movable drawbar extending through said post, said drawbar having shouldered engagement with the wedge cap to pull the latter forwardly therewith in draft and having shouldered engagement with said end sill to limit inward movement of said drawbar and restrict expansion of the friction shock absorbing mechanism.

2,451,552
BENT-WIRE CLOTHES HANGER
Lee Hayward, Clayton, Mo.
Application November 16, 1946, Serial No. 710,268
8 Claims. (Cl. 223—95)



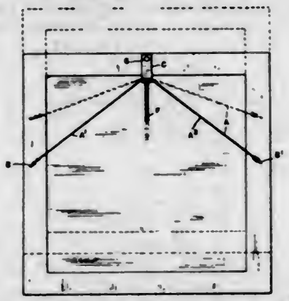
1. A garment hanger comprising, a supporting hook, a bar connected to the hook by depending arms, said depending arms forming deviating members below said bar when the hanger is sustained by said hook, said deviating members being removed from the vertical plane traversing said bar when the hanger is sustained by said hook and said deviating members being so biased as to cause said bar to bear against said depending arms.

2,451,553
PROTECTIVE SHIELD FOR ORCHARD TRACTORS
Milton T. Hedquist and James Haley, Rock Island, Ill., assignors to J. I. Case Company, Racine, Wis., a corporation of Wisconsin
Application June 29, 1946, Serial No. 680,440
6 Claims. (Cl. 180—1)



5. In an orchard tractor having a pair of laterally spaced rear wheels, mudguards disposed over said wheels, an engine hood disposed forwardly of said rear wheels having a top portion adapted to be elevated to open the hood for inspection and servicing of the engine, and a steering wheel disposed rearwardly of the hood at a higher level than the top of the hood when the hood is closed, the combination of a streamlined shield for protecting orchard trees from injury by said tractor comprising a main body shield including substantially vertical walls extending forwardly and inwardly from the respective outer edges of said mudguards and terminating substantially in the respective side planes of said hood, said vertical walls having the upper rear portions thereof curved inwardly and terminating in upper edges extending angularly inward from the top of said mudguards to the sides of said hood, and a steering wheel shield comprising a pair of wing members respectively hinged to said upper edges and including front portions curved to overlie said top of said hood and form a sloping shield disposed in front of said steering wheel, and means for locking said wings in shield-forming position, said wings being swingable outwardly on said hinges to positions wherein said top of said hood is free for elevation to open said hood.

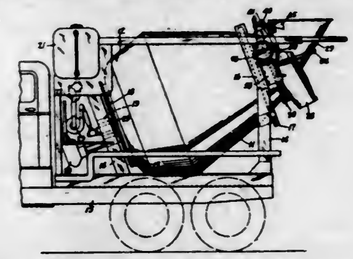
2,451,554
PICTURE HANGING MEANS
Olof H. Hedstrom, Hartford City, Ind.
Application June 3, 1946, Serial No. 673,907
4 Claims. (Cl. 248—32)



3. In a picture frame hanging means the combination with a cord of predetermined length having fasteners secured to the opposite ends thereof for engagement with a picture frame of a wall engaging member including return bent portions terminating in cooperating clamping jaws, one of said portions being apertured for drawing therethrough and downward between said jaws of a central loop portion of said cord.

2,451,555
MEANS FOR CHARGING, SEALING, AND DISCHARGING MIXERS
Louis G. Hilkemeier, West Allis, and George K. Viall, Milwaukee, Wis., assignors to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 23, 1944, Serial No. 559,964
10 Claims. (Cl. 259—161)

1. In a concrete mixer, a rotatable mixing drum having an axial opening at one end through which materials pass to and from the drum, an annular member journalled on the end of the drum adjacent said opening, said member being disposed to encircle the drum opening and prevent leakage of material between it and the drum, a charging hopper movable to and from the drum opening having a portion making contact with said annular member when the hopper is in charging position, an element movable toward and from said member disposed to prevent rotation of said member when engaged therewith, means for moving said element into engagement with said member in response to movement of



said hopper into charging position and including delayed action means connecting said hopper and said element to cause said element to engage said member and prevent rotation thereof with respect to said hopper only after rotational contact has occurred between the hopper and the annular member to clean their abutting surfaces.

2,451,556
ELECTRODE STRUCTURE FOR GASEOUS DISCHARGE DEVICES
Vivian L. Holdaway, Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 27, 1946, Serial No. 686,615
14 Claims. (Cl. 250—27.5)

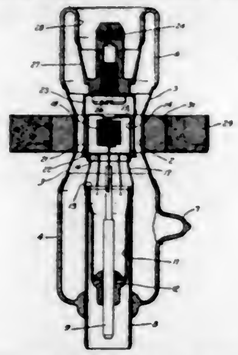


1. An electric discharge device comprising a cathode having an extended electron emissive surface provided with a shallow recess, a control anode overlying said recess and having a portion extending into said recess and having an edge substantially conforming to and immediately adjacent the lateral wall thereof, and a work anode opposite said surface.

2,451,557
ELECTRON TUBE FOR HIGH FREQUENCY
Gordon T. Howes, Belmont, Calif., assignor to Eitel-McCullough, Inc., San Bruno, Calif., a corporation of California
Application February 24, 1945, Serial No. 579,668
9 Claims. (Cl. 250—27.5)

1. An electron tube comprising an envelope having a tubular metallic anode section and a

vitreous section sealed to an end of the anode section, a tubular metallic stem member sealed to said vitreous section, an inner metallic stem



member concentric with said tubular member, vacuum-tight closure means interposed between the stem members, and a cathode within the envelope connected to said stem members.

2,451,558

CHEMICALLY TREATED WOOD PULP AND A METHOD OF PRODUCING A CELLULOSIC PRODUCT

Paul Henry Schlosser and Kenneth Russell Gray, Shelton, Wash., assignors to Rayonier Incorporated, Shelton, Wash., a corporation of Delaware

No Drawing. Application November 6, 1944, Serial No. 562,262
14 Claims. (Cl. 106—163)

1. As a new article of manufacture, a chemically prepared wood pulp product having incorporated therein from 0.01 to 0.2 per cent by weight based on the bone dry weight of the pulp of a mixed ether having the following formula:

$$R{-}O\left(\begin{matrix}CHCH_2O\\ |\\ R_1\end{matrix}\right)_x H$$

where R is an aryl radical substituted by at least one radical selected from the class consisting of an alkyl radical with more than two carbon atoms, an acyl radical with more than two carbon atoms and a cycloalkyl radical; where R_1 is selected from the group consisting of hydrogen and methyl and where x is a whole number greater than 1.

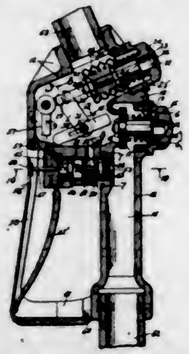
2,451,559

VALVE MECHANISM FOR HANDLING LIQUEFIED GASES AND THE LIKE

Raymond J. Kirkby, Sherman Oaks, Calif., assignor to Adel Precision Products Corp., a corporation of California

Application March 6, 1945, Serial No. 581,319
10 Claims. (Cl. 277—53)

10. In a valve mechanism having a body provided with means for connecting it with a source of fluid under pressure, and with means for connecting it with a closed receptacle to receive said fluid under pressure therefrom, of a valve seat with a movable valve thereon dividing the interior of said body into a receiving chamber and an exit chamber, said valve member being held closed by the fluid pressure in said receiving chamber, a spring normally tending to move said valve member to closed position, manually operable means for moving said valve away from said valve seat, means forming a closed by-pass for fluid pressure from one chamber to the other to equalize the fluid pressure in said body on opposite sides of said valve member, means for manually opening said by-pass, and a manually oper-



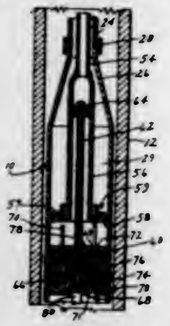
able valve means associated with said by-pass constructed and arranged to effect selectively the equalization of pressure in said chambers or reduction of pressure in said exit chamber.

2,451,560

FLUID OPERATED PUMP FOR OIL WELLS AND THE LIKE

Robert B. Knowles, Maywood, Calif.

Application March 15, 1946, Serial No. 654,661
8 Claims. (Cl. 103—46)



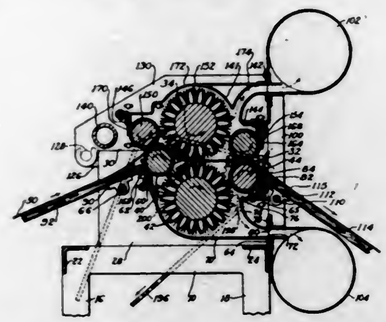
1. In well pumping apparatus having means for intermittently supplying working fluid under pressure, a barrel for mounting in the well, a partition dividing the barrel into an upper compartment and a lower compartment, a port in the partition, a non-return valve controlling said port, a working fluid actuated piston reciprocably mounted in the lower compartment, a first conduit fixed in the barrel and adapted at its top end for communication with the pressure means, a second conduit fixed at its bottom end to the piston and having its top end reciprocably fitting in the lower end of the first conduit whereby to deliver working fluid under pressure to the lower compartment below said piston, a discharge port through the piston, a check valve seating in said discharge port towards the upper compartment, means for unseating the check valve in response to predetermined upward movement of the piston, a pump connected to said piston for drawing fluid from the well into said lower compartment below said piston upon movement of said piston upwardly, means for trapping fluid from the well in the lower compartment below the piston upon downward movement of said piston, and means for passing fluid from the upper compartment.

2,451,561

CONTINUOUS BRUSHING MACHINE FOR LEATHER

Cutler D. Knowlton, Rockport, and David Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application August 22, 1946, Serial No. 692,218
12 Claims. (Cl. 69—37)



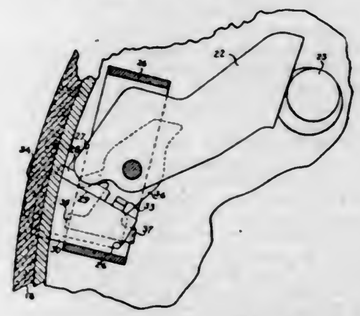
1. In a machine for removing dust from hides and skins, a pair of brush rolls between which a work piece may be passed and treated on both grooved discharge rolls for passing the work piece to the bite of the brush rolls, a pair of grooved discharged rolls for passing the work piece away from the brush rolls, a casing forming with the said feed rolls and discharge rolls an enclosure for the brush rolls, and suction means connected to said casing.

2,451,562

AUTOMATIC ADJUSTER FOR FRICTION ELEMENTS

Ludger E. La Brie, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California

Application June 8, 1946, Serial No. 675,417
1 Claim. (Cl. 188—79.5)



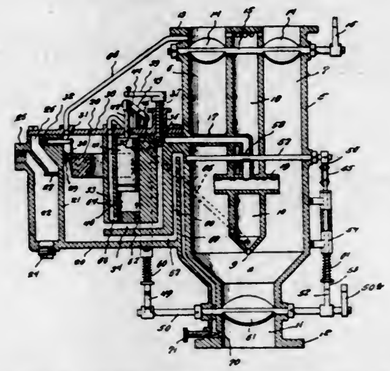
In a self-adjusting vehicle brake, a backing plate, a brake shoe pivoted on the backing plate and carrying a wear surface, a brake drum rotatable in proximity to the wear surface on said brake shoe, a stop carried by the backing plate, a pin extending perpendicular to the web of said brake shoe, a lever fulcrumed on said pin and having one end engaging said stop, a pressure plate journaled on another portion of said lever, an abutment carried by the brake shoe, the said abutment and pressure plate forming a wedge shaped receptacle with its wider part toward the wear surface on said shoe, an auxiliary element wedge shaped to conform to the said receptacle, the said auxiliary element comprising a metal housing having opposite surfaces for engaging said abutment and said pressure plate, and having a surface of ceramic material flush with the friction surface of said wear material, a leaf spring having three separately flexible portions, one engaging said lever, one engaging said pressure plate, and one engaging said auxiliary element, all pressing said members toward and into engagement with the web of said brake shoe, and a shell spanning the lever, the pressure plate and the auxiliary element, and forming an abutment for said leaf spring and a guide for said fulcrum.

2,451,563

CARBURETOR

Nick G. La Guardia, Denver, Colo.

Application April 24, 1945, Serial No. 590,043
3 Claims. (Cl. 261—23)



1. In a carburetor, the combination, which comprises a housing having a plurality of parallel air intake passages converging to a common outlet, butterfly valves in the intake passages, a butterfly valve in the outlet, a shaft with extending ends having cams on the ends thereof pivotally mounting said butterfly valve in said common outlet, said housing having a centrally disposed chamber with a discharge orifice in the vertex of a conical-shaped lower end thereof, said orifice aligned with the center of said common outlet, said housing including a float chamber extending at one side of said intake passages and intermediate the ends thereof, a fuel supply connection communicating with the interior of the float chamber, a float in said float chamber, a valve in said fuel supply connection actuated by said float, said float chamber having an inner cylinder therein, a piston in said inner cylinder, levers actuated by one of the cams on the butterfly valve shaft to operate the piston in a compression stroke thereof, means resiliently returning the piston, check valves in the cylinder in the float chamber admitting fluid to the cylinder in the returning stroke of the piston and providing release of fluid in the cylinder through a connection to the vertex of said centrally disposed chamber of the housing as the

piston is actuated through the compression stroke, said housing having a fluid supply connection from the lower end of the float chamber to the valve intake passages thereof, a control valve in said connection, a butterfly valve in said fluid supply connection, means actuating the butterfly valve in said fluid supply connection by one of the cams on said butterfly valve shaft, said housing having a passage for fuel for idling extending from the lower end of the float chamber upward to a point midway of the height of the housing and thence downward to a point in the common outlet beyond the butterfly valve therein, and a control valve in said idling fuel passage.

2,451,564

TREATMENT OF HYDROCARBONS WITH ACTIVATED MAGNESIUM SILICATES

William A. La Lande, Jr., Upper Darby, Pa., assignor to Attapulgus Clay Company, Philadelphia, Pa., a corporation of Delaware

No Drawing. Original application March 14, 1942, Serial No. 434,776. Divided and this application August 13, 1946, Serial No. 690,332

5 Claims. (Cl. 196—52)

1. A method of treating petroleum hydrocarbons, which comprises contacting said hydrocarbons, at a temperature within the range of from 700° F. to 1150° F., with a catalyst comprising a water-insoluble magnesium silicate activated by treatment with an ammonium compound in aqueous solution at a temperature between 150° F. and 400° F.

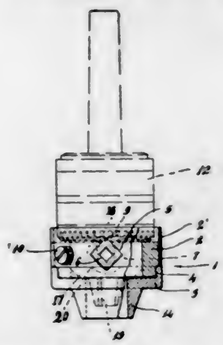
2,451,565

CHUCK ADAPTER

Mitchell Landow, Bronx, N. Y.

Application November 13, 1945, Serial No. 628,105

2 Claims. (Cl. 279—1)



1. A device of the character described comprising a tubular casing whose inner side fits tightly over the lower portion of a chuck body and which is wider in diameter than the outer chuck member and has a recess in its upper wall portion, a sleeve member secured to the outer side of said tubular casing and extending over the upper edge of the latter, a bevel gear having its hub radially extended through said sleeve member and being rotatably arranged in the recessed portion of said casing in such a manner that some of its teeth protrude over the upper edge of said tubular member, and a collar member attached to the lower portion of said tubular member and extending over the jaws of said chuck, said gear being adapted to engage teeth which are on the lower extremity of the outer chuck member, and that portion of said hub which projects over the outer side of said sleeve member being adapted to be rotated by means of a wrench, all substantially as described.

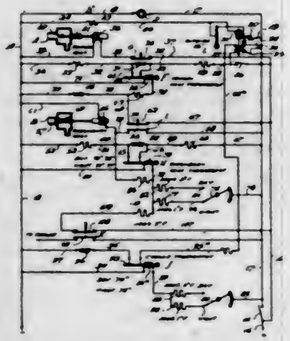
2,451,566

AUTOMATIC PANEL CIRCUIT FOR AIR REHEAT CONTROL

Timothy J. Lehane and Everett H. Burgess, Chicago, Ill., assignors, by mesne assignments, to Vapor Heating Corporation, a corporation of Delaware

Application April 16, 1945, Serial No. 588,609

14 Claims. (Cl. 257—3)



7. In combination with means for circulating air through an enclosed space and means for adding heat to the circulated air including a radiator, an electrically actuated valve for supplying heating medium to said radiator, means for controlling the operation of said valve including a thermostat responsive to temperature changes within the space, an auxiliary electric heater for said thermostat and means for supplying energy to said auxiliary heater including a relay and a control thermostat therefor responsive to temperature changes within said space, whereby the relay is actuated upon the functioning of the second mentioned thermostat to open a circuit through said auxiliary heater and thereby adjust the first mentioned thermostat to a higher functional setting.

2,451,567

PROCESS FOR PREPARING STARCH HYDROLYZING ENZYME WITH ASPERGILLUS

Elmer H. Le Mense and James M. Van Lanen, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application September 10, 1946, Serial No. 696,023

6 Claims. (Cl. 195—73)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A process of producing a starch hydrolyzing enzyme complex, which complex contains dextrinizing and saccharifying enzymes, which comprises growing a culture of *Aspergillus niger* NRRL 337 under aerated submerged growth conditions, in a liquid medium comprising a mash of thin stillage, corn meal, and calcium carbonate, the aeration rate being between 10 and 200 percent of the volume of the mash per minute, the medium being buffered to a pH between 4.5 to 6.0.

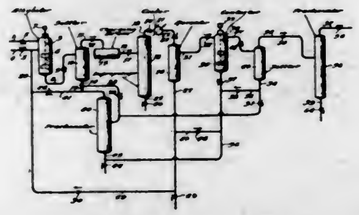
2,451,568

TREATMENT OF HYDROCARBONS

Carl B. Linn, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application October 25, 1945, Serial No. 624,508

8 Claims. (Cl. 260—676)



1. A process for treating a hydrocarbon material containing as an impurity a relatively small percentage of organically combined fluorine to remove fluorine therefrom which comprises contacting said hydrocarbon material at a temperature of from about 0° C. to about 150° C. with a liquid mixture of hydrogen fluoride and the organic constituents of a sludge resulting from the treatment of hydrocarbons with a sludge-forming hydrocarbon conversion catalyst, said mixture containing from about 40% to about 90% of said organic constituents, and recovering the treated hydrocarbon material.

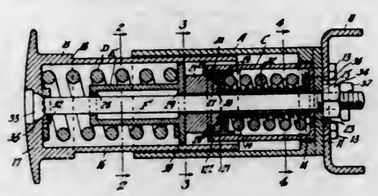
2,451,569

RAILWAY CAR-END BUFFER

Harvey J. Lounsbury, Glen Ellyn, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware

Application November 3, 1944, Serial No. 561,778

3 Claims. (Cl. 213—221)



1. In a buffer for railway cars, the combination with a housing adapted to be secured to a car, said housing being closed at the rear end; of a friction shock absorber within the housing, said friction shock absorber including a casing open at one end and a spring resisted friction clutch slidable within said open end, said clutch including a wedge and friction shoes, said friction shock absorber being buttressed against the closed rear end of the housing; a buffer head slidingly telescoped within the housing; a pressure transmitting column element interposed between said buffer head and the friction shock absorber, bearing on the latter and having its front end normally spaced from the buffer head and adapted to be engaged and actuated thereby after a predetermined compression of the mechanism; and spring means interposed between the buffer head and the friction shock absorber and reacting between the buffer head and the column element to oppose relative approach thereof.

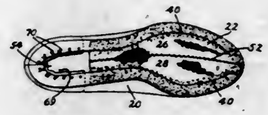
2,451,570

METHOD OF MAKING SLIP-LASTED SHOES

Horatio S. Lyness, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application July 9, 1946, Serial No. 682,231

11 Claims. (Cl. 12—142)



1. That improvement in methods of making shoes which comprises providing a prefitted upper having a scant lasting margin, providing an insole which is smaller than a last bottom by the width of the lasting margin of the upper, dividing said insole substantially along its longitudinal median line to form two half insoles, stitching each half insole by zig-zag stitches inserted off a last to that portion of the lasting margin of the upper which corresponds thereto with the edge of the upper abutting the adjacent edge of each half insole, securing the two half insoles together off a last along the line of division by overseaming stitches with the adjacent marginal portions of the half insoles located in superimposed relation to each other and with their edges substantially flush, said overseaming stitches permitting relative adjustment of the half insoles about the stitches without disturbing said stitches, positioning a second insole of last bottom size inside the shoe against the divided insole, inserting a last into the upper to slip-last the shoe and position the adjacent edges of the half insoles in abutting relation to each other, securing the second insole to the upper and the divided insole, and attaching a sole to the shoe bottom.

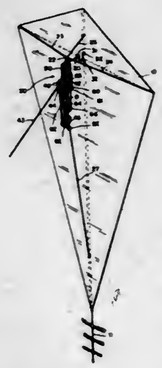
2,451,571

DIVE STABILIZER FOR KITES

Alfred Marshall, Bay Shore, N. Y.

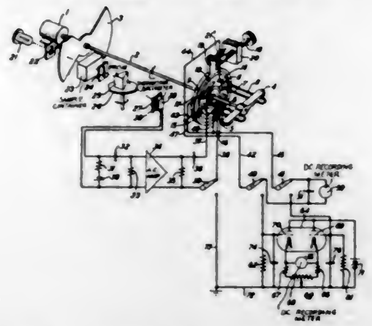
Application June 9, 1947, Serial No. 753,555

21 Claims. (Cl. 244—153)



1. A dive stabilizer for a kite comprising a guide bar, a string connecter element movable on said guide bar, and means responsive to wind pressure acting on said kite to shift said element along said guide bar.

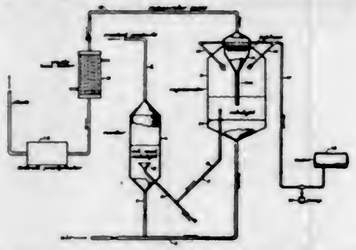
2,451,572
RADIANT ENERGY MEASURING APPARATUS
Hilbert R. Moore, Pluckemin, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 27, 1945, Serial No. 637,412
6 Claims. (Cl. 250—41.5)



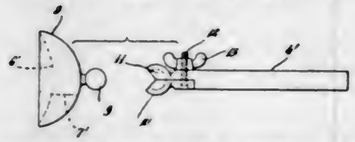
1. A radiant-energy indicating system comprising means for periodically interrupting a beam of radiant-energy for equal periods of interruption separated by equal intervals of passage of the beam, radiant-energy sensitive means having output terminals connected therewith, said radiant-energy sensitive means being positioned in the path of the interrupted beam to respond thereto and produce direct current impulses, and having such a response characteristic as to generate along with said impulses unwanted disturbing electrical current variations occupying a wide frequency band including the frequency of the direct current impulses, an amplifier having an input circuit connected to said output terminals and an output circuit, said amplifier having a band-pass selective transmission characteristic extending from a frequency below that of said impulses to a frequency far above that of said impulses, said amplifier characteristic also discriminating very effectively against certain frequencies below said pass band, a synchronous full-wave rectifier having input terminals connected to the output circuit of said amplifier and output terminals, means for synchronizing said rectifier with the amplified impulses received from said amplifier, and an indicating instrument connected to the output terminals of said rectifier, said indicating instrument being responsive to unidirectional current and to the lower frequency components of the wide frequency band produced by said radiant-energy sensitive means, but substantially unresponsive to components of the frequency of said pulses.

2,451,573
FLUID CATALYST REGENERATOR SYSTEM
William A. Myers and William A. Hall, Springfield, Pa., assignors to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 15, 1943, Serial No. 487,416
1 Claim. (Cl. 252—417)

The process for regenerating finely divided solid material containing combustible deposits which comprises passing an oxidizing gas upwardly through a regeneration zone containing said finely divided solid material at a controlled rate to maintain a dense turbulent layer of said finely divided solid material in the bottom portion of said regeneration zone, maintaining the temperature within the regeneration zone sufficient to burn said combustible deposits, and injecting steam into the stream of regeneration gas, associated with minor amounts of solid material containing combustible deposits, leaving said dense layer of fine divided material to materially reduce the temperature thereof and avoid secondary combustion above said catalyst layer.

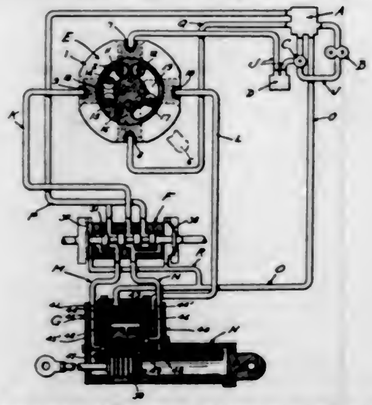


2,451,574
CHIP GUARD
John Paraschuk, New York, N. Y.
Application June 21, 1945, Serial No. 600,789
1 Claim. (Cl. 29—96)



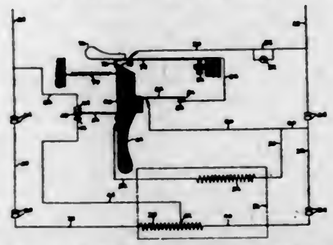
A chip guard comprising a concavo-convex disk having a rectangular slot which extends from the periphery of the disk toward its center, and a stem pivotally secured to the convex side of the disk and being adapted to be inserted into the toolpost of a lathe adjacent the cutting tool which extends through said slot.

2,451,575
HYDRAULIC SELECTOR VALVE
Donald D. Paxton, Burbank, Calif., assignor to Adel Precision Products Corp., a corporation of California
Application February 20, 1946, Serial No. 648,895
1 Claim. (Cl. 60—52)



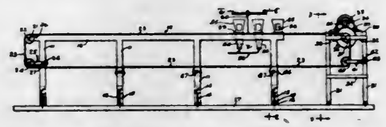
In a hydraulic system which includes a source of supply of pressure fluid, a hydraulic motor comprising a cylinder in which a piston is reciprocable, a transfer valve through which pressure fluid may be directed for application to either end of said cylinder and through which return fluid may pass, and a spring loaded by-pass valve normally disposed by its spring in a position to afford the by-passing of fluid from one end of the cylinder to the other and adapted to be moved by pressure fluid out of by-passing position; the improvement which consists in providing in said system a selector valve including a valve body member having on one face thereof a seat for a disk valve member and being provided with a pressure intake passage, a return passage, a pair of service passages, a pair of pressure ports extending from said intake passage and opening on said seat, a single return port extending from said return passage and opening on said seat, a pair of service ports extending from one of said service passages and opening on said seat, a single service port extending from the other service passage and opening on said seat, and a rotary disk valve member mounted on said seat and having a pair of recess ports in the face thereof opposed to said seat; a pressure line from said source to said intake passage, a service line connecting one of said service passages with said transfer valve, a second service line connecting the other service passage with said by-pass valve for supplying fluid for moving said valve out of by-passing position, a return line connecting said return port through said return passage to said source, and means for turning said valve member to selectively dispose it in a position in which one of the recess ports will be in communication only with said pair of pressure ports while the other recess port affords communication of one of the pair of service ports and said single service port with said return port; into a second position in which said one recess port will establish communication of said pair of pressure ports with the other of the service ports of said pair, while the other recess port affords communication between said single service port and said return port; and into a third position in which said one recess will establish communication between one of said pressure ports and both of the service ports of the pair thereof while the other recess port will establish communication of the other of said pressure ports with said single service port.

2,451,576
ELECTRICAL CONTROL SYSTEM
George C. Pearce, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application February 28, 1941, Serial No. 381,194
6 Claims. (Cl. 219—20)



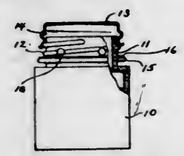
1. An electric heating means for heating a zone to be heated, supply conductors for connecting the heating means to a power source, thermostatic switch means in one of the supply conductors for controlling the connection of the heating means to the power source to regulate the temperatures of said zone, connecting means for connecting said heating means selectively into a baking circuit arrangement and into a preheat circuit arrangement, means for setting the connecting means in the preheat circuit arrangement, electrically operated means for controlling the operation of said connecting means to change from the preheat circuit arrangement to the baking circuit arrangement means for holding the connecting means in the baking circuit arrangement except when set in the preheat circuit arrangement, and means for positively energizing said electrically operated means by the potential existing across said thermostatic switch means upon its opening.

2,451,577
ENDLESS CONVEYER EGG-CANDLING DEVICE
Wesley J. Roberts, Hot Springs, Ark.
Application May 10, 1946, Serial No. 668,700
1 Claim. (Cl. 88—14.5)



In an egg-candling device comprising a supporting table having a longitudinal slot therein and a driven conveyor belt movable over the supporting table longitudinally above the slot and having a series of spaced apertures therein individually serving as receptacles for receiving and conveying eggs above the slot, the features including an upwardly-directed lamp housing supported beneath said table below the slot therein, a lamp in the lamp housing directing its rays upwardly through said slot, a plurality of upwardly-flaring cups adapted to be positioned on said conveyor belt to register with the individual apertures therein in succession, said cups being adapted to surround the eggs individually carried by said apertures, and a viewing window in the side wall of each upwardly-flaring cup, and a reflector adjustably supported over said lamp housing and lamp above the path of travel of said upwardly-flaring cups on said conveyor belt.

2,451,578
ANT FEEDER
John B. Rosefield, Piedmont, Calif.
Application February 22, 1944, Serial No. 523,388
7 Claims. (Cl. 43—131)



1. An insect feeder comprising a container having a filling opening and a threaded portion associated therewith, a member adapted to close the filling openings by engagement with the threaded portion of the container, and insect entrance ports disposed in the threaded portion of the container.

2,451,579

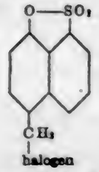
4-HALOGENOMETHYL-1:8-NAPHTHSULTONES AND A PROCESS FOR THEIR MANUFACTURE

Guido Schetty, Basel, Switzerland, assignor to J. R. Geigy A.-G., Basel, Switzerland, a Swiss firm

No Drawing. Application December 10, 1945, Serial No. 634,151. In Switzerland December 12, 1944

8 Claims. (Cl. 260—327)

6. The 4-halogenomethyl-1:8-naphthsultones of the general formula



wherein halogen means a member selected from the group consisting of chlorine and bromine.

2,451,580

COMBINED FLUORESCENT AND FILAMENT LAMP REFLECTOR UNIT

Abram Schwinger, Philadelphia, Pa.

Application December 7, 1946, Serial No. 714,771

1 Claim. (Cl. 240—1.1)



A reading lamp comprising a base housing, a ballast and starter within said housing, a vertical support carrying a hanger member, said hanger member in turn supporting universally a filament lamp socket with a filament lamp therein, a perforated canopy surrounding the body of said socket, a disc of translucent glass beneath said filament lamp, an annular fluorescent lamp adjacent said translucent disc and a reflector surrounding said filament lamp whereby light from both the filament lamp and the fluorescent lamp are mixed and diffused through said translucent disc and may be directed at a plurality of angles.

2,451,581

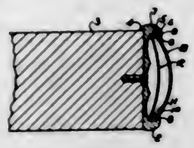
PRICE TAG MOLDING HAVING A SLIDE HELD TAG AND A TRANSPARENT COVER STRIP

Robert J. Slavsky and John R. Slavsky, Detroit, Mich., assignors to Shaw and Slavsky, Inc., Detroit, Mich., a corporation of Michigan

Application June 14, 1947, Serial No. 754,654

3 Claims. (Cl. 40—16)

3. A price tag molding comprising an elongated strip having a back wall and an edge wall extending longitudinally and laterally of each of the upper and lower edges of said back wall to provide upper and lower channel walls, each of said edge walls having longitudinal inner and outer grooves in the inner surface thereof to receive price and cover strips, respectively, of substantially the same width, the outer surface of each edge wall being convex and extending to the outer side of the corresponding outer groove, said outer surface continuing and merging convexly into the outer side of said corresponding groove, the wall



portion of each strip between said inner and outer grooves having a sharp exposed longitudinal edge, said sharp-edged wall portion being in proximity to and directly behind the corresponding convex edge wall, said convex surfaces facilitating the insertion of a flexible cover strip into said outer grooves and said sharp edges preventing such a strip from slipping into the inner grooves, and a longitudinal extension on one of said edge walls and lying externally of the channel formed by said back wall and edge walls, for mounting the molding on a horizontal surface.

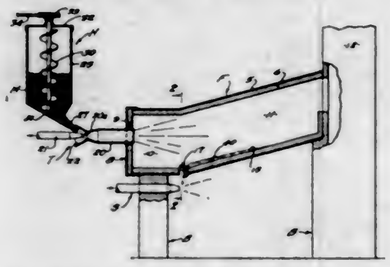
2,451,582

APPARATUS FOR PRODUCING MINERAL WOOL

Herbert C. Smith, Los Angeles, Calif., assignor, by direct and mesne assignments, to American Rock Wool Corp., Wabash, Ind., a corporation of Indiana

Application September 9, 1941, Serial No. 410,177

3 Claims. (Cl. 263—40)



3. In a furnace of the class described, stationary refractory walls defining an elongated combustion chamber having a hearth inclining from adjacent its front end towards its rear end, a stack communicating with the chamber, nozzle means for directing a heating flame and pulverulent raw material into the chamber from the front end thereof, and a discharge opening through the hearth adjacent the front end thereof, said discharge opening communicating with the chamber in a plane with the inner surface of the hearth whereby to prevent formation of a pool of molten material on the hearth, the angle of incline of the hearth and the plane of the nozzle being so related that the fuel is sprayed from the nozzle in a direction longitudinally of the chamber and angularly against the hearth adjacent said discharge opening.

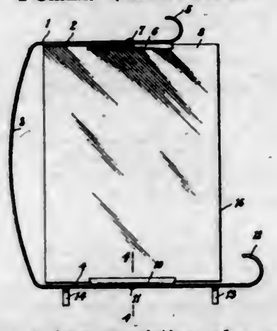
2,451,583

PICTURE HOLDER

Theodore Solomon, New York, N. Y.

Application October 31, 1944, Serial No. 561,175

1 Claim. (Cl. 40—152.1)



A picture holder consisting of a continuous strip of substantially flat springy stock shaped to form a pair of spaced arms extending substantially parallel to one another, said arms being connected by an integral, outwardly bowed, vertically disposed part tending to normally force the arms toward one another to a limited extent and cause them to resiliently grip a picture and a glass placed between them, each of the arms being provided with a rotatively-mounted channel member for engaging an edge of the picture and glass, one of the arms being longer than the other, said longer arm having a free end extending beyond a vertically disposed edge of the picture and glass, said longer arm having its free end formed with an upwardly curled extremity to protect the edge of the picture and glass situated adjacent to said free end, said longer arm also having supporting feet for holding the device upright and with the arms located one above the other, the shorter of the two arms having a hook-shaped extremity arising above the top of the picture.

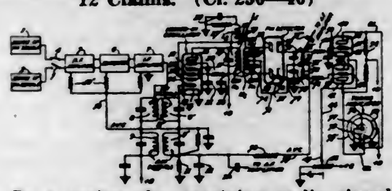
2,451,584

SIGNAL RECEIVER TUNING INDICATOR

Fred B. Stone, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application October 27, 1945, Serial No. 625,051

12 Claims. (Cl. 250—40)



1. In a system for receiving radio signals, a resonance indicator of the fluorescent target type provided with a pair of electron deflection electrodes between which passes a beam of electrons to form a fluorescent line on the target, means normally applying equal voltages to said electrodes which are less positive than the target potential thereby to provide a relatively wide shadow sector on the target, said line being located at the center of the sector, and means responsive to received signal carrier amplitude variation for controlling said applying means to vary the magnitudes of said voltages equally whereby the width of the shadow sector is varied to indicate said carrier amplitude variation.

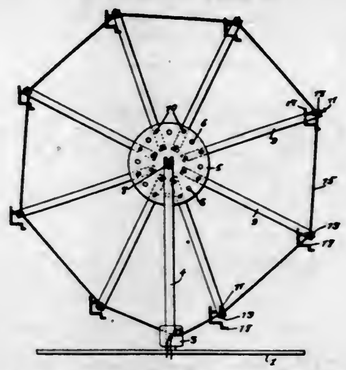
2,451,585

TOY FERRIS WHEEL

Joseph M. Streff, Topeka, Kans.

Application June 24, 1946, Serial No. 678,859

2 Claims. (Cl. 272—31)



1. In a device of the class described, the combination with a frame, a wheel mounted on said frame, said wheel including pairs of spokes, of a primary spoke bolt near the outer ends of and connecting the spokes in each pair, said primary bolt provided on one end outside of a spoke with a bent portion constituting a belt groove around the outside of said spokes, a belt on said bent ends in said belt groove, a motor, and means connecting said motor to said belt.

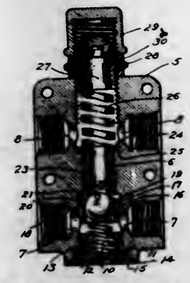
2,451,586

VALVE

Carl J. Strid, La Canada, Calif., assignor to Adel Precision Products Corp., a corporation of California

Application June 27, 1944, Serial No. 542,382

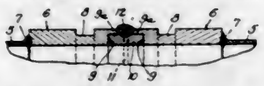
2 Claims. (Cl. 137—53)



1. In a valve, a body member having a bore for the passage of fluid therethrough, a tubular valve member reciprocable in said bore affording the passage of fluid through the bore when unseated, a spherical valve seat member axially movable in said bore, a spring urging said seat member toward said valve member, a spring arranged to urge said valve member against said seat member, and a cup-shaped member loosely embracing said spherical member and positioned with its bottom directed toward said tubular valve member, said bore having a diametrical enlargement which contains said cup-shaped member and provides an annular shoulder; said cup-shaped member having a bottom opening less in diameter than the diameter of said spherical member through which the latter projects and at times effects a closing of the bore of said tubular

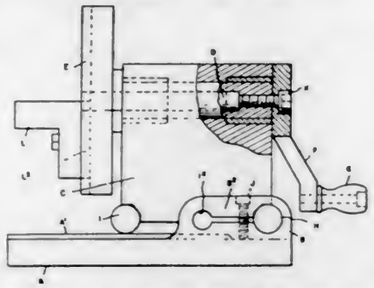
member, the bottom of said cup having exterior lugs surrounding its opening and at times engageable with said shoulder, there being fluid passages between said lugs which admit fluid pressure to said tubular valve member at such times, said cup-shaped member cooperating with the spring which acts upon said spherical member to maintain the latter in its operative position.

2,451,587
PIPE END AND JOINT
Edward Hall Taylor, Winnetka, Ill., assignor to Taylor Forge & Pipe Works, Cicero, Ill., a corporation of Illinois
Application May 7, 1945, Serial No. 592,412
3 Claims. (Cl. 285—111)



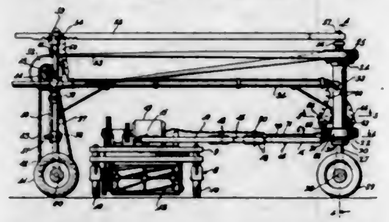
1. A pipe end member for joining endwise to another similar member, said end member being of a wall thickness materially greater than welding thickness for the major portion of its length and having an interior circumferential recess extending from its inner end and an exterior circumferential groove disposed a substantial distance outward beyond said recess, the inner end portion of said member corresponding to said recess being of welding wall thickness.

2,451,588
GRINDING FIXTURE
Theodore Teclu, Detroit, Mich.
Application July 30, 1945, Serial No. 607,798
3 Claims. (Cl. 51—237)



2. A work holding fixture for grinding machines comprising a base plate having a pair of spaced integral ears extending upward therefrom and a slightly raised top surface portion parallel to the bottom surface thereof, a rectangular block constituting a sine bar extending between said ears, cylindrical pins secured to the opposite lower corners of said block in parallelism to each other, one of said pins being extended to engage pivot bearings in said ears and the other pin when contacting said raised top surface holding said sine bar parallel to said base, a shaft journaled in said block to extend longitudinally thereof and carrying at one end beyond said block a work supporting head or face plate in a plane perpendicular to the axis of said shaft, a crank at the opposite end of said shaft for rotatably adjusting the same to an unlimited extent, clamping means for holding said shaft in its adjusted position, and clamping means for the pivot bearings in said ears for holding said sine bar in any position of angular adjustment.

2,451,589
LAWN MOWING MACHINE
George Edward Thomas, Bogalusa, La.
Application November 26, 1945, Serial No. 630,708
5 Claims. (Cl. 56—26)



1. In a machine of the character described, the combination of a vehicle having rear and front wheels, a rod extending upwardly from the axle of the front wheels, a steering lever connected to the upper end of said rod and extending to the rear of the vehicle, a tube surrounding, said rod, a pulley secured to the upper end of said tube, a driving disk secured to the lower end of said tube, operating connections for rotating said tube and disk, a countershaft mounted on the rear of the vehicle, a second pulley secured to said countershaft, a belt connecting said pulleys, operating connections between said countershaft and the axle of the rear wheels, a radius arm hingedly connected to said driving disk, a mower frame, and a universal coupling connecting the outer end of said radius arm with said frame.

2,451,590
PROCESS OF FORMING A LUMINESCENT SCREEN
Stephen Tidik, Passaic, and Albert Steadman, Upper Montclair, N. J., assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
No Drawing. Application July 6, 1945, Serial No. 603,584
7 Claims. (Cl. 117—33.5)

1. The process of forming a luminescent screen on a solid surface, which comprises the steps of providing a colloidal silica gel, distributing an aqueous dispersion of luminescent material upon said colloidal silica gel, allowing said luminescent material to settle through said colloidal silica gel and deposit upon said surface, and removing all of said colloidal silica gel except a residuum that is held between particles of said material.

2,451,591
FASTENING DEVICE
George A. Tinnerman and Laurence H. Flora, Cleveland, Ohio, assignors to Tinnerman Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application March 6, 1947, Serial No. 732,774
12 Claims. (Cl. 24—213)

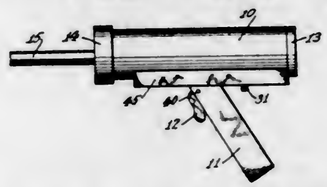


4. A fastener comprising a piece of sheet metal defining a body portion including a pair of spaced head sections extending in the same general direction, a strip portion united to said body portion between said spaced head sections and bent to provide a shank comprising an arm dependent from said body portion and a return bent spring arm having a projection overlapping at least one of said head sections, one of said arms having a shoulder adapted for snap fastening engagement with a part to be secured.

2,451,592
METHOD OF DETERMINING THE RUST-PREVENTING PROPERTIES OF LUBRICANTS
Carroll H. Van Hartesveldt, Rosemont, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application August 28, 1946, Serial No. 693,588
5 Claims. (Cl. 73—86)

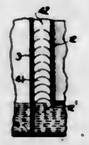
1. A method for determining the rust-preventing properties of lubricant compositions, which comprises subjecting a ferrous metal test piece to the action of exhaust gas products of an internal combustion engine, then coating the test piece with the lubricant, exposing the coated test piece to air containing moisture, and noting the condition of the test piece after exposure.

2,451,593
SUCTION GUN
George Washington, Jr., Morristown, N. J.
Application October 11, 1945, Serial No. 621,754
8 Claims. (Cl. 294—64)



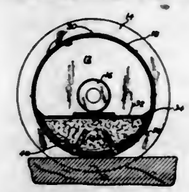
1. A suction gun comprising a hollow barrel closed at one end, a piston slidable in said barrel, a hollow tube carried by the piston and extending forwardly therefrom, means for normally holding said piston in retracted position, means for releasing said holding means, and means for driving said piston and said tube forwardly when said holding means is released, and means providing communication between the interior of said tube and said barrel behind said piston whereby the forward movement of the piston creates suction in the tube from front to rear thereof.

2,451,594
ELECTRONIC STEAM GENERATOR
Glenn W. Watson, Detroit, Mich.
Application December 17, 1947, Serial No. 792,138
5 Claims. (Cl. 219—40)



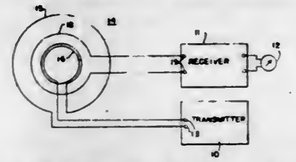
1. The method of electrically vaporizing liquid consisting in inserting a pair of spaced electrodes in the surface of the liquid while dipping one of the electrodes only slightly below the surface of the liquid, applying unlike potentials to said electrodes, and adjusting the spacing between said electrodes to a distance greater than the capillary spacing for the liquid and within the distance that can be bridged by a film of the liquid.

2,451,595
CARPENTER'S LAYOUT WHEEL
Floyd Wheeler, Huntington Beach, Calif.
Application February 15, 1947, Serial No. 728,837
4 Claims. (Cl. 101—328)



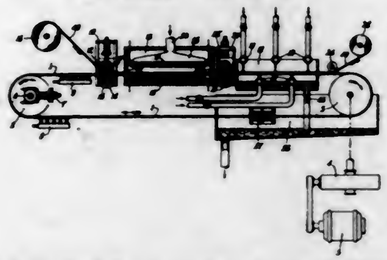
1. A device for marking lengths of lumber, including: a handle; a drum of predetermined circumference; a wall closing one side of said drum and projecting radially beyond the perimeter of said drum to form a guide flange, the other side of said drum being open; points projecting from the surface of the drum to engage with the surface of the lumber to prevent slippage between the surfaces of the drum and lumber; a pair of slots formed through the circular wall of the drum perpendicularly to the edges of the drum; marking elements of absorbent material positioned in said slots; and a tank holding marking fluid secured in said drum and having slots in the wall thereof for passage of the inner portions of said marking elements of absorbent material.

2,451,596
UNITARY BALANCED-INDUCTOR SYSTEM
Harold A. Wheeler, Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill., a corporation of Illinois
Application December 31, 1942, Serial No. 470,785
6 Claims. (Cl. 175—182)



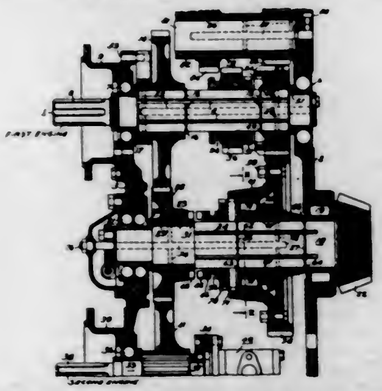
1. A unitary balanced-inductor system comprising, a first inductor having a predetermined shape and diameter d_1 and number of turns n_1, a second inductor having said predetermined shape but having a larger diameter d_3 and a number of turns n_3, said second inductor being positioned in fixed coaxial relation to said first inductor and said diameters and said numbers of turns of said first and second inductors being proportioned in accordance with the relation $n_1/n_3=\sqrt{d_3/d_1}$ so that alternating currents of equal magnitudes and opposite phases in said inductors produce a magnetic field which has zero normal component of intensity over a predetermined unbroken three-dimensional surface in space completely enclosing on all sides the smaller of said inductors but completely excluding the larger thereof, and a third inductor having any number of turns and being positioned in fixed relation to said first and second inductors and lying substantially in said surface, whereby said third inductor has substantially zero inductive coupling to said first and second inductors when carrying said alternating currents and in the absence of external concentrated bodies of magnetic or conductive materials but has substantial inductive coupling to said first and second inductors in the presence of such bodies.

2,451,597
ANNEALING OF CALENDERED THERMOPLASTIC MATERIAL
William R. Wheeler, Plainfield, N. J., assignor to Bakelite Corporation, a corporation of New Jersey
Application August 23, 1944, Serial No. 550,837
21 Claims. (Cl. 18—48)



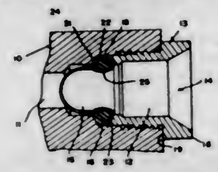
1. A method for removing stresses in thermoplastic materials that have been heat-formed into films, sheeting and the like, which comprises pressure-applying the thermoplastic materials onto a smooth solid surface heated to a temperature at which the thermoplastic material adheres, heating in the absence of pressure the thermoplastic material adhering onto the solid surface to a non-decomposing stress relieving temperature above the heat-forming temperature until the stresses have been substantially removed, cooling to a non-plastic condition and then stripping it from the solid surface.

2,451,598
DOUBLE ENGINE TRANSMISSION
William F. Wilson, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application January 12, 1944, Serial No. 517,941
10 Claims. (Cl. 74—389)



1. In a change speed transmission, a driving wheel, means including a rotatable driving element for transmitting power from a driving engine to said driving wheel, an idler rotatable about an axis spaced from the axis of rotation of said driving element and geared to said driving wheel for rotation thereby under the power of said driving engine in a predetermined direction, means for transmitting power from another driving engine to said idler independently of said driving wheel and operable to rotate said idler under the power of said other driving engine in said predetermined direction, a rotatable driven shaft, means selectively operable to establish and interrupt a driving connection between said idler and said driven shaft, and driving means operatively interposed between said driving element and said driven shaft selectively operable to rotate said driven shaft either in said predetermined direction of rotation of said idler or in the opposite direction.

2,451,599
CLOSURE ASSEMBLY
Sumner Wiltse, Detroit, Mich., assignor to Vibraseal Corporation, Detroit, Mich., a corporation of Michigan
Application April 16, 1945, Serial No. 588,560
5 Claims. (Cl. 220—39)



5. A closure assembly for a passage in a part, comprising a shoulder within said passage, an outwardly opening cup-shaped member within said passage and having a lateral flange spaced from and cooperating with said shoulder to provide an annular groove, said cup-shaped member being provided beside said flange with an annular groove in opposed relation to the annular groove aforesaid, a ring of resilient material filling completely and bearing firmly against the walls of the opposed grooves, opposite walls of the first mentioned groove being relatively movable and coacting to maintain a firm engagement of the ring with the walls of both grooves, and means for adjusting one of the relatively movable walls of said first mentioned groove, including a fitting adjustably connected to the part aforesaid.

2,451,600
TUBE GAUGE
Charles H. Woodcock, Philadelphia, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 3, 1945, Serial No. 575,949
3 Claims. (Cl. 33—178)



1. A device for measuring the internal diameter of a tube comprising an elongated cylindrical casing having a longitudinal slot formed in one wall thereof, a collar slidably mounted on the casing relative to the slot, a flexibly jointed operating rod slidably disposed within the casing, means connecting the collar with the joined operating rod, a flange rigidly affixed to one end of the casing, a housing affixed to the flange and having a recess and aperture in one side wall thereof, diagonally-crossed plungers rigidly affixed to one end of the jointed operating rod and extending through the aperture in said housing, a channel extending transversely of the housing, gage pins positioned in said channel and extendable beyond the housing walls, each pin having a slot formed adjacent the inner end slidably engaging a plunger and adapted to correlate the movement of the jointed operating rod with the gage pins, a roller affixed to the outer extremity of each gage pin and adapted to make contact with the walls of the tube to be measured, a cap associated with said housing to protect the free end of the plungers, a calibrated plate adjacent the opposite end of the casing, a pointer associated with the calibrated plate, means operatively connecting the pointer with the jointed operating rod, and spring means applying continuous pressure to the jointed operating rod to hold the gage pins in their extended position.

2,451,601
SKATE CONSTRUCTION
Lee A. Woolley, Kokomo, Ind., assignor to Kingston Products Corporation, Kokomo, Ind., a corporation of Indiana
Application January 26, 1946, Serial No. 643,560
5 Claims. (Cl. 280—11.30)



5. A rivetless heel plate and backing member assembly for skates wherein the plate and backing member may be connected together after plating of each, said backing member being formed of a loop of wire rod and said heel plate having portions curled about portions of said backing member to permanently hold said plate and backing member against separation.

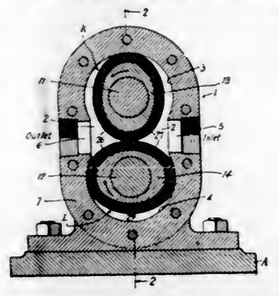
2,451,602
MULTIPLE SWITCH INTERLOCK
Robert L. Wolff and William Weber, Milwaukee, Wis., assignors to Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware
Application August 7, 1944, Serial No. 548,330
5 Claims. (Cl. 200—5)



1. In a multiple switch, a panel, a plurality of switches mounted on the panel for movement into any one of a plurality of positions and severally including a lever extending through the panel for moving the switches to any one of their several positions and a spring biasing the movable switch portion into a given position, a plate having cam surfaces engaging each of the operating levers while in any one of said plurality of switch positions for releasably holding one of the switches in a position other than the given position against the action of its spring and releasably holding the other switches in the given position, movement of the plate resulting from movement of any switch out of any of its positions and releasing the previously positioned switch for return by the spring thereof to the given position.

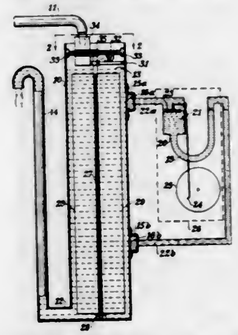
2,451,603
ROTARY PUMP
Virgil D. Barker, Westfield, N. J.
Application October 4, 1944, Serial No. 557,075
15 Claims. (Cl. 103—130)

1. A rotary pump comprising: a casing having an inlet and an outlet, a chamber in said casing in communication with the inlet and the outlet and having cylindrical wall portions, pistons in said casing operatively separating the inlet from the outlet and mounted to rotate coaxially with said cylindrical wall portions, said pistons being in continuous peripheral contact with one another and with said cylindrical wall portions, each piston comprising a quasi-elliptical rotor with a free flexible band enveloping the same, the band being



of a thickness to permit successive peripheral zones thereof to be pressed between the rotor and one of said cylindrical wall portions of said chamber, and friction-reducing means between each rotor and its band, whereby rotation of the rotors causes the flexible bands to progress around said rotors and roll on said cylindrical wall portions, thereby forcing fluid trapped between the bands and said cylindrical wall portions from the inlet to the outlet.

2,451,604
APPARATUS FOR MEASURING DENSITY OF A THIXOTROPIC FLUID
William E. Barnes, Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
Application August 22, 1945, Serial No. 612,096
2 Claims. (Cl. 73—32)



1. Apparatus for measuring the density of a thixotropic material such as drilling mud fluid which comprises a chamber for the passage of the fluid therethrough, said chamber being designed to maintain a body of fluid therein, a pair of pressure responsive flexible diaphragms vertically spaced apart with respect to the chamber in order to be responsive to the different pressures of the fluid existing at different levels within the chamber, agitating means within the chamber and power means for operating the agitating means in order to minimize gelation, adjacent the diaphragms, resulting from the thixotropic nature of the fluid, a differential pressure indicating de-

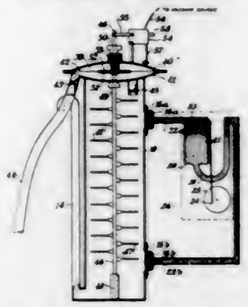
vice exteriorly of the chamber and means controlled by each of said diaphragms to operate said device in accordance with the difference in pressures obtaining at the said different levels.

2,451,605

APPARATUS FOR MEASURING DENSITY OF A THIXOTROPIC FLUID

William E. Barnes, Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey

Application June 12, 1946, Serial No. 676,203
2 Claims. (Cl. 73—32)



1. Apparatus for continuously measuring the density of a circulating drilling fluid during the drilling of a well, where the drilling installation is such that the drilling fluid is normally unable to flow by gravity from the main fluid stream into the apparatus, which comprises a vertical chamber for the flow of a minor portion of the main stream of drilling fluid, an inlet adjacent the top and an outlet adjacent the bottom of the chamber, pumping means for feeding a minor portion of the main stream of drilling fluid through said inlet into the chamber, a pair of cooperating diaphragms positioned at different levels within the chamber and each adapted to be flexed by the pressure of the fluid obtaining in the chamber at its level, agitating means within the chamber, said pumping means being arranged to actuate the agitator and prevent gelation of the fluid, a differential pressure indicating device and means for transmitting the pressure exerted by the fluid on each diaphragm to said device.

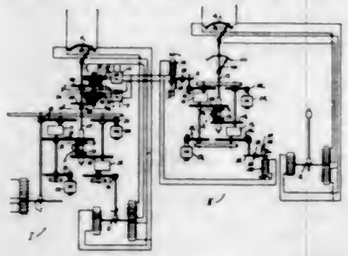
2,451,606

REMOTE INDICATING PLANT OPERATING ON THE IMPULSE COMPENSATION METHOD

Willi Beusch, Zug, Switzerland, assignor to Landis & Gyr, A-G., Zug, Switzerland, a body corporate of Switzerland

Refiled for abandoned application April 28, 1942, Serial No. 440,788. Divided and this application May 16, 1947, Serial No. 748,610. In Switzerland May 5, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires May 5, 1961
17 Claims. (Cl. 177—351)

1. In a remote indicating system between a transmitter station and a receiver station operating on the impulse compensation principle, a rotating measuring instrument and a rotating compensating instrument at the transmitting station, a device responsive to the difference in speed between said instruments, an impulse generating unit controlled by said device for producing two distinct impulse sequences of different kind dependent upon the preponderant speed of the respective one of said instruments, means operated by said device for controlling the compensation current for said compensating instrument, an indicating arrangement at the receiver



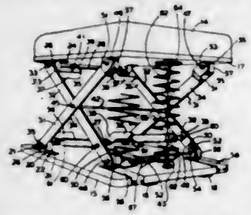
station, and a second device at the receiver station controlled by the impulse sequences transmitted thereto for influencing said indicating arrangement.

2,451,607

CHIROPRACTIC MACHINE

Albert H. Binash, Oak Park, William A. Tull, Midlothian, and Roy T. Gautney, Chicago, Ill.

Application September 14, 1944, Serial No. 554,034
4 Claims. (Cl. 128—72)



1. In a chiropractic device comprising supporting means for pads upon which a patient lies in a procumbent position, the combination therewith of a stationary base, a movable base carrying an abdominal pad, a pantographic type of lever arrangement connected to said bases for controlling relative movement of said bases in a right line direction, and resilient means connected to parts of said lever arrangement for offering a yieldable reactive stress against relative approach of said bases, said lever arrangement having mutually fulcrumed levers with an end of said levers pivotally connected to said bases and the other ends of said levers being movable along faces of said bases, said ends of said levers having laterally extending bracing portions for acting against said bases to give lateral support to said levers against side movement.

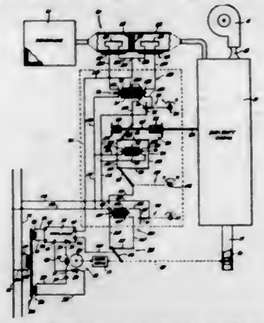
2,451,608

CABIN PRESSURE CONTROL MEANS

George L. Borell, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application October 30, 1944, Serial No. 561,070
9 Claims. (Cl. 98—1.5)

1. Cabin pressure control means comprising, in combination; means for varying the cabin pressure; means responsive to cabin pressure for controlling said varying means in a manner to maintain a predetermined pressure in said cabin; manually operable means for determining said predetermined pressure; reservoir means; conduit means for connecting said reservoir means in restricted fluid flow relation to said cabin; means responsive to fluid flow in said conduit; and means connecting said fluid flow responsive means in operative relation to said varying means,



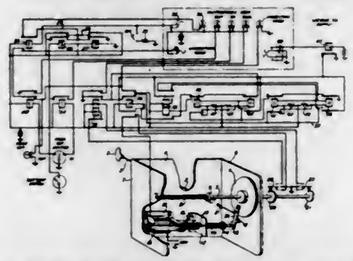
said cabin pressure responsive means and said manually operable means in such manner that said flow responsive means may oppose the action of said manually operable means to thereby limit the rate of change of cabin pressure.

2,451,609

ARRESTING HOOK DEVICE FOR GROUNDED AIRCRAFT PILOT TRAINERS

Russell B. Buchanan, Lynbrook, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application October 12, 1945, Serial No. 622,067
7 Claims. (Cl. 35—12)



1. In apparatus for simulating the operations incident to the extension of the arresting hook of a carrier based airplane, a switch operable by a pilot under training to either an out or to an in position in simulation of the electrical control of the arresting hook of an airplane, an instructor's desk, a lamp associated with said switch and a lamp at said desk, a circuit established when said switch is operated to its out position for lighting said lamps, and a key at said instructor's desk for rendering said circuit ineffective to simulate the failure of the electrical control of the arresting hook.

2,451,610

PREPARATION OF 4-ALKYL-QUINOLINES

Kenneth Nielsen Campbell, South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 9, 1944, Serial No. 548,787
7 Claims. (Cl. 260—283)

3. The process of preparing a 4-alkyl-quinoline which comprises reacting a hydrogen halide of a primary arylamine having at least one free ortho-position with an alkyl-vinyl-ketone in 95% alcohol, in the presence of a stoichiometric quantity of ferric chloride to serve as an oxidizing agent and in the further presence of a catalytic quantity of a condensing agent comprising zinc chloride.

2,451,611

PREPARATION OF 4-ALKYL-QUINOLINES

Kenneth Nielsen Campbell, South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 9, 1944, Serial No. 548,788
7 Claims. (Cl. 260—283)

1. The process of preparing a 4-alkyl-quinoline, which comprises condensing a primary arylamine having at least one free ortho-position with a 1,3,3-trialkoxy-alkane in the presence of ferric chloride as an oxidizing agent.

2,451,612

PREPARATION OF UNSATURATED FLUOROHYDROCARBONS

Donald D. Coffman and Leroy Frank Salisbury, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 29, 1943, Serial No. 508,242
7 Claims. (Cl. 260—653)

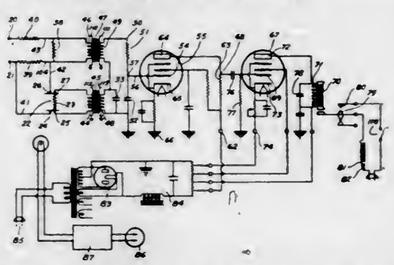
1. A process for producing fluorohydrocarbons which comprises contacting a mixture of a compound of the class consisting of monovinylacetylene and monomethylvinylacetylene, and hydrogen fluoride in the vapor phase under substantially anhydrous conditions with a catalyst comprising an oxide of mercury, the monovinyl acetylene and hydrogen fluoride being mixed together only at the time they are brought in contact with the catalyst.

2,451,613

ELECTRICAL CONDUCTIVITY TESTING MACHINE

Paul F. Darby, Long Hill, Conn., and Lloyd A. Nevala, Richland, Wash., assignors to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware

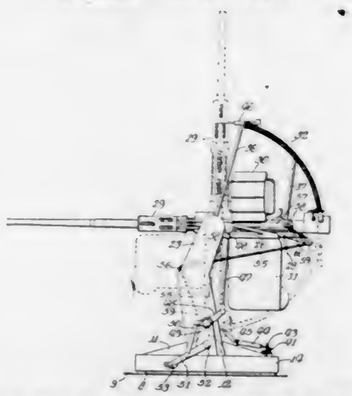
Application August 2, 1944, Serial No. 547,736
2 Claims. (Cl. 175—183)



1. Apparatus for testing a normally electrically conductive article comprising a primary electric circuit including in series relationship a source of alternating current, a standard impedance and contactors for making a temporary electrical connection to terminal elements of said article for temporarily including same in said primary circuit; a first transformer having primary and secondary coils and means to connect the pri-

mary coil thereof across the standard impedance; a second transformer having primary and secondary coils and means to establish a temporary connection of the primary thereof to the terminal elements of said article; a resistance; a capacitance; secondary circuit means to connect the transformer secondary coils in series with the resistance and capacitance and with the voltages induced in said secondary coils by current in the primary circuit in opposition to each other whereby current will flow in said secondary circuit only when said induced voltages do not balance each other; an electronic amplifier tube including a control electrode, a cathode, and a plate; means to connect the control electrode and the cathode to opposite terminals of said capacitance; and mechanism connected to said plate for energization in response to plate current therein above a predetermined value as a result of a departure in the resistance of said article beyond a predetermined amount by comparison with said standard impedance.

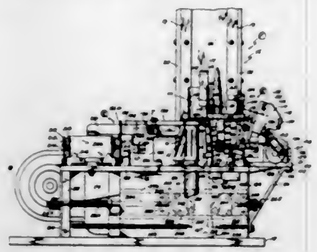
2,451,614
GUN AIMING AND FIRING MEANS
Burns Darsie, Bayonne, N. J., assignor to Electric Boat Company, Groton, Conn., a corporation of New Jersey
Application June 9, 1944, Serial No. 539,428
6 Claims. (Cl. 89—136)



1. In a gun pivotally mounted on a horizontal axis, said gun having a breech end, the combination of a trigger-operating member on said gun, a curved elongated handle member of circular cross-section fixedly attached to and extending upwardly from the breech end of said gun, a tubular grip member fitted on and rotatable on said handle member and substantially co-extensive in length therewith, and means to transmit the rotatable motion of said grip member to the trigger-operating member of said gun.

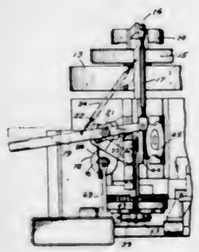
2,451,615
MACHINE FOR GAUGING AND ASSORTING CARTRIDGES ACCORDING TO HEIGHT OF PRIMERS
Robert M. Flanagan, Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware
Application July 21, 1944, Serial No. 545,969
8 Claims. (Cl. 209—88)

8. An automatic machine for gauging and assorting ammunition in accordance with primer height comprising a gauging member having a gauging surface engageable with the cartridge primer; mounting means for said gauging member adapted to multiply movement of the gauging surface; a track adapted to support a cartridge in a predetermined position over said gauging surface; feed means to move cartridges intermittently along said track first to a position over said gauging surface and then off the end of said track; selector means movably supported adjacent the end of said track adapted to receive cartridges moved off the end of the track and to deliver same into receptacles corresponding to specified primer height; electromechanical selec-



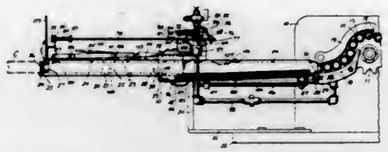
tor positioning means responsive to movement of said gauging arm comprising solenoid means operatively connected to the selector and selectively energized in accordance with the position of said gauging member; selector holding means comprising electrical circuit elements completing a bypass circuit to the solenoid means in response to movement of the selector to maintain the selector in position until a cartridge has been discharged from the track; and switch means operated by the feed means to break said bypass circuit and release the selector holding means after the cartridge has been discharged.

2,451,616
AUTOMATIC STOP AND LOCK FOR MACHINES FOR GAUGING CARTRIDGES
Floyd I. Goin, Independence, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware
Application April 4, 1944, Serial No. 529,444
1 Claim. (Cl. 209—88)



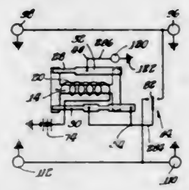
In a machine for the gauging of cartridges, the combination with an indexable drum having therein a plurality of gauging chambers, means for indexing said drum comprising a clutch, means for initially positioning cartridges to be gauged in said chambers, means for finally seating said cartridges in said chambers adapted to be moved by a cartridge so deformed or so misplaced as to be incapable of seating, means for gauging the length of cartridges comprising a displaceable latch, and clutch controlling means controlled by said latch; of means controlled by the movement of said seating means for displacing said latch, and other means controlled by the movement of said seating means for locking said clutch in disengaged position.

2,451,617
PACKAGING MACHINE
Michael J. Grebowiec, Kansas City, Kans., assignor to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware
Application May 15, 1945, Serial No. 593,923
10 Claims. (Cl. 86—47)



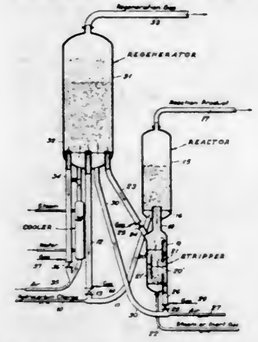
1. In a packaging machine for packaging a group of a predetermined number of articles arranged in a row, a chute member having an entrance end and an exit end and adapted to convey a continuous row of articles toward said exit end as a propelling force feeds said articles into said entrance end, a reciprocatory ejector slide, projecting means for projecting said slide, retracting means for retracting said slide, control means for effecting the actuation of said projecting stroke ejector means carried by said slide engageable with the last article of a predetermined group of articles disposed forwardly of said ejector means in the retracted position of said slide, contact means engageable by the first article of said predetermined group of articles arranged to actuate said control means to effect the projection of said slide, and contact means engageable by said slide in its projected position arranged to actuate said control means to effect the termination of the projecting stroke and allow the retracting means to effect retraction of said slide.

2,451,618
COMBINED THERMAL AND MAGNETIC FLASHER SWITCH
Henry R. Gross, Chicago, Ill.
Application October 14, 1943, Serial No. 506,161
2 Claims. (Cl. 200—88)



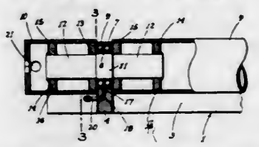
1. In a flasher switch, an electromagnet, a bimetallic member in series with said electromagnet, a first switch including a contact carried by said bimetallic member, said first switch being in series with said bimetallic member and said electromagnet, an armature for said electromagnet, a second switch including a contact carried by said armature and electrically connected in parallel with said first switch.

2,451,619
CATALYTIC CONVERSION PROCESS
Robert J. Hengstebeck, Chicago, and Robert S. McDaniel, Alton, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application November 20, 1944, Serial No. 564,349
8 Claims. (Cl. 196—52)



1. In a catalytic conversion process wherein fluidized solids are contacted with hydrocarbon vapors in a conversion zone under conditions for effecting conversion and the accumulation of carbonaceous deposits on said solids, are passed through a stripping zone for the removal of vaporizable hydrocarbon material, are regenerated in a regeneration zone to effect combustion of said carbonaceous deposits thereby increasing the sensible heat contained in said solids and are finally returned to the conversion zone for supplying heat thereto and for effecting further conversion, the improved method of operation which comprises introducing one stream of hot regenerated catalyst from said regeneration zone to said conversion zone, introducing another stream of hot regenerated catalyst directly from said regeneration zone to said stripping zone, intermingling catalyst from said last-named stream with catalyst from the conversion zone in the upper part of said stripping zone, stripping the intermingled catalyst in said stripping zone and returning the intermingled stripped catalyst from the base of the stripping zone to the regeneration zone.

2,451,620
LUMBER ROLL ASSEMBLY
Hiram C. Holmes, Stockton, Calif.
Application September 23, 1946, Serial No. 598,677
2 Claims. (Cl. 193—42)



2. A unitary roll assembly for lumber trucks comprising a pair of spaced apart beams, cradle blocks secured across between the beams and rigidly secured to the latter, each cradle block having formed in its upper face an upwardly opening semi-circular bearing seat, the open top of the seat being in substantial alinement with the top of the beams, a double race ball bearing disposed in each seat, an arcuate strap disposed over the bearing and secured to the cradle block

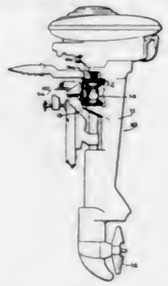
to hold the bearing in the seat, a stub shaft for each bearing, such stub shaft having an enlarged central portion pressed into the central race of the bearing and such central portion being slightly longer than the width of the bearing and projecting clear of both sides thereof, a disc pressed onto each end of the stub shaft and against the adjacent face of the enlarged central portion thereof and covering the adjacent outer face of the bearing, and tubular members disposed over and secured to the discs on opposite sides of the cradles, the outer circumferences of the tubular members extending clear of the holding straps for the bearings.

2,451,621

POWER CONTROL UNIT

Willard G. Houston, Wadsworth, Ohio

Application February 25, 1946, Serial No. 649,826
7 Claims. (Cl. 74—205)



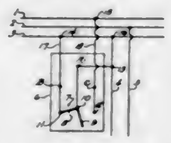
1. A control unit of the class described comprising three relatively shiftable rotary friction members, means for rotatably mounting said members to be shiftable relatively of each other, clutch means for releasably connecting two of said members to rotate together in one condition of rotation thereof, means for selectively shifting said members from and toward a position in which said two members are in said clutching connection or shifting the members to different positions in which the third member is frictionally engageable either with one or with both of the others, for neutral or opposite conditions of rotation respectively of said two members, input power transmission means connected to one of said members, and output power transmission means connected to another of said members.

2,451,622

METHOD OF TRANSPOSING CONNECTIONS

William D. Kyle, Jr., Milwaukee, and Anthony Van Ryan, South Milwaukee, Wis., assignors to Line Material Company, a corporation of Delaware

Original application April 15, 1943, Serial No. 483,160. Divided and this application August 17, 1945, Serial No. 611,194
1 Claim. (Cl. 171—97)



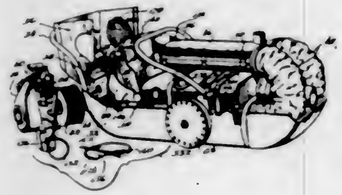
The method of transferring a single-phase electric branch line connection from a first line of one phase of a three-phase feeder circuit to a second line of another phase of said feeder circuit, said method comprising; shunting said branch line connection through a double throw snap switch, removing said branch line connection from said first line, connecting said second line to a neutral pole of said snap switch, actuating said snap switch, first, to quickly open the circuit to said branch line from said first line and, second, to subsequently close the circuit to said branch line from said second line, permanently connecting said branch line with said second line in shunt relation to said switch, and disconnecting said snap switch from said branch line, first line and second line.

2,451,623

ENGINE OPERATED HOT-AIR HEATER WITH ENGINE DEMOUNTING MEANS

John H. Leslie, II, Winnetka, and George A. Crosby, Park Ridge, Ill., assignors to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application December 8, 1943, Serial No. 513,368
7 Claims. (Cl. 126—110)



1. In a unit heater of the type employing a hermetically sealed combustion unit and an engine operated blower for supplying combustion and ventilating air to said combustion unit, the combination of a chassis having means cooperable with the base of the engine for locating the latter with respect to the chassis, a resilient bail having its arms pivoted to the chassis adjacent the base of the engine, and means pivotally connected to the cross piece of said bail and engageable with parts at the top of the engine, said last named means including elements having, together with said bail, a toggle effect resiliently to clamp the engine to the chassis.

2,451,624

INERTIA RATE OF FIRE RETARDERS

Crawford C. Loomis, Ilion, N. Y., and Kenneth J. Lowe, deceased, late of Ilion, N. Y., by Jane A. Lowe, administratrix, Ilion, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware

Application August 27, 1947, Serial No. 770,878
6 Claims. (Cl. 89—130)



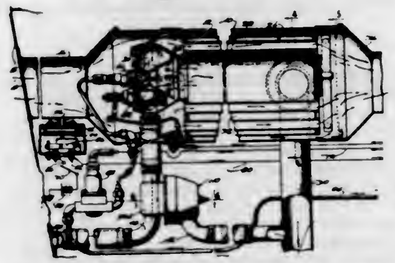
1. In a firearm having a movable member adapted to be forcibly moved during operation of the firearm and also having spring means to oppose such motion; rate modifying means comprising an inertia member mounted between the ends of the spring means for movement along a path substantially similar to that of the movable member, said inertia member being restrained from movement along said path only by engagement with said spring.

2,451,625

AIR PRESSURE RESPONSIVE CONTROL FOR INTERNAL-COMBUSTION HEATERS

William A. Marshall, Jr., Chicago, and John H. Leslie, II, Winnetka, Ill., assignors to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application December 13, 1943, Serial No. 514,078
5 Claims. (Cl. 126—110)



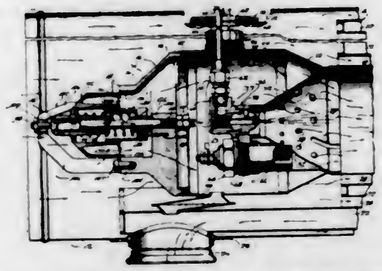
1. A heating system of the class described, comprising an internal combustion heater, means for supplying fuel thereto, a ram for supplying combustion air to said heater, an exhaust pipe for discharging products of combustion from said heater, means for supplying ventilating air to said heater, means forming a bypass connecting said ram with said exhaust pipe, and a valve interposed in said bypass and controlling air flow through said bypass to vary the mass of air flow to said combustion chamber with variations in speed and altitude, said valve including a valve member subject to the pressure differential between the ram and the exhaust pipe, with spring means urging said valve toward closed position, and an evacuated sylphon connected to said valve member operable to supplement the pressure of said spring means upon decrease of ambient atmospheric pressure.

2,451,626

AIR FLOW REGULATING VALVE

William A. Marshall, Jr., Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application February 12, 1945, Serial No. 577,377
2 Claims. (Cl. 137—152)



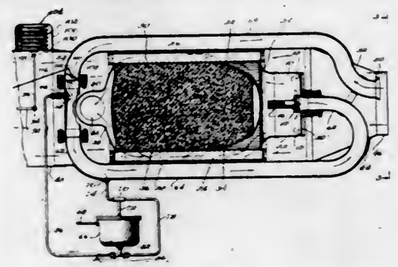
1. A combustion air regulator for an internal combustion heater which has a source of air of positive but variable pressure for diverting to the combustion chamber of the heater a constant quantity of air from the air flowing from said source, comprising: means forming a housing, an inlet to said housing, a generally cup-shaped valve member having a head against which the air entering said inlet impinges and having a cylindrical skirt adapted to project into said inlet, said skirt having ports therethrough, said valve being telescopically movable with respect to said inlet to vary the effective area of said ports and thereby to control the flow of air into said housing, said valve having an outer diameter slightly smaller than the diameter of said inlet so that when said valve is telescoped into said inlet there will be a narrow annular space between the outer cylindrical surface of said valve skirt and said inlet, a shaft axially disposed with respect to said inlet for supporting said valve member and guiding the movement thereof, a cup-shaped spring retainer on said shaft having a skirt oppositely disposed with respect to the skirt on said valve and projecting thereinto, and a spring positioned about said shaft and reacting between the inner side of the head on said valve and the bottom of said retainer, said spring being adapted to yield upon variation in the pressure of the air on said valve member proportionately to the pressure, whereby the valve member is adjusted to a position to maintain constant the amount of air flowing into said housing, and said retainer being movable axially of said shaft when the latter is rotated for adjusting the tension of said spring.

2,451,627

INTERNAL-COMBUSTION AIRCRAFT-TYPE HEATER

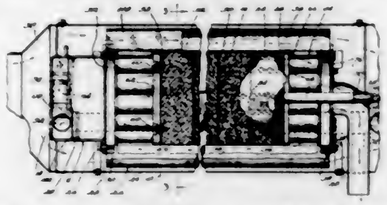
Henry J. De N. McCollum, Chicago, Ill.; Thelma McCollum, executrix of said Henry J. De N. McCollum, deceased, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application October 6, 1942, Serial No. 460,970
5 Claims. (Cl. 126—116)



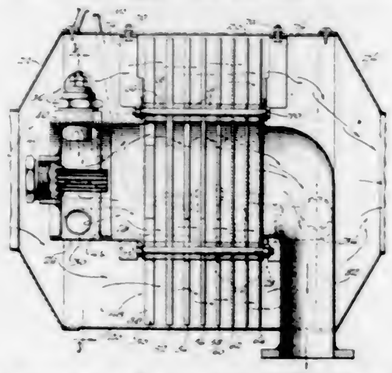
1. In a heater of the class described, comprising heat transfer means, means forming a combustion chamber for supplying hot gases to said heat transfer means, a casing enclosing said heat transfer means, means forming an air inlet and outlet for said casing, a carburetor in said casing and adjacent the outlet thereof, a tube connecting said carburetor with said inlet, said tube extending between said casing and heat transfer means whereby air passing from said inlet to said carburetor is heated in passage, a second tube connecting said carburetor with said combustion chamber, said second tube extending between said casing and said heat transfer means whereby combustible mixture formed in said carburetor is heated prior to introduction into said combustion chamber, and means for igniting the combustible mixture in said combustion chamber.

2,451,628
INTERNAL-COMBUSTION HEATER WITH AIR-HEATING TUBES
Henry J. De N. McCollum, Chicago, Ill.; Thelma McCollum, executrix of said Henry J. De N. McCollum, deceased, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application April 5, 1943, Serial No. 481,835
3 Claims. (Cl. 126—109)



1. A heater of the class described, comprising a heat exchanger composed of a plurality of individual tubes longitudinally extending in side by side contacting relationship and having their contacting portions secured to each other to form a gas tight tubular structure, said tubes having webs therein, each web having opposite edges secured to the walls of its tube throughout substantially the length of said tube, means forming a combustion chamber for supplying hot products of combustion to the interior of said tubular structure, a casing enclosing said heat exchanger in spaced relation thereto, and means for supplying ventilating air to said tubes and to the space between said tubes and said casing.

2,451,629
SECTIONAL HOT-AIR HEATER
Henry J. De N. McCollum, Chicago, Ill.; Thelma McCollum, executrix of said Henry J. De N. McCollum, deceased, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application June 11, 1943, Serial No. 490,440
2 Claims. (Cl. 126—116)

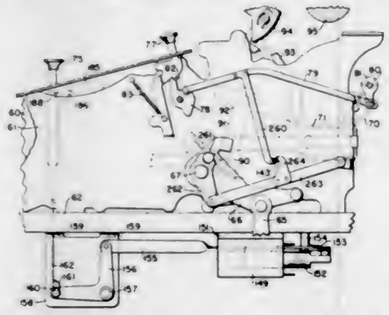


1. Compact, high output heating apparatus of the class described, comprising means providing a combustion chamber having a flange defining an outlet end, a heat exchanger secured to said flange and comprising a plurality of plates each having an annular series of bolt holes therethrough and having gas passages spaced radially from opposite sides of alternate bolt holes, the gas passages of successive plates being staggered so that the passages of one plate are opposite imperforate portions of the adjacent plates, spacer rings interposed between said plates and separating the passages on opposite sides of the bolt holes through said plates, bolts passing through said plates, spacer rings and flange for holding said plates and spacer rings in sealing engagement with each other and with said means, the gas passages inward of said bolt holes being in communication with said combustion chamber, and means for directing air through the gas passages located outside of said bolt holes.

2,451,630
METHOD OF MAKING SWEET CHOCOLATE
Edward F. McGee, Wayland, Mass.
No Drawing. Application September 18, 1945, Serial No. 617,181
6 Claims. (Cl. 99—23)

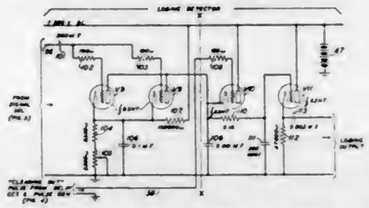
1. Method of making sweet chocolate which comprises cooling a concentrated sucrose sirup at a rate sufficiently rapid to form a viscous supersaturated mass substantially free from sugar crystals, uniformly mixing said viscous mass with a liquefied chocolate liquor at a temperature below the crystallization point of the sugar component of the mixture, working the mixture and warming it to a temperature at which the sugar component crystallizes out in the form of fine crystals, and thereafter drying the mass at a temperature less than the solution point of said sugar crystals.

2,451,631
COMBINED ACCOUNTING MACHINE AND TYPEWRITER
Arthur J. Moellenbeck, Milwaukee, and Howard G. Stauffer, Wauwatosa, Wis., assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application November 6, 1943, Serial No. 509,238
4 Claims. (Cl. 235—60.12)



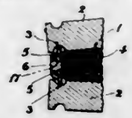
1. In a machine of the class described, the combination of an accumulator; a manually depressible total key for conditioning certain elements of the machine for total operations; means for operating the machine to add into, or subtract from, the accumulator and to take totals therefrom; a traveling carriage; electromagnetic means for depressing the total key; means operated by the carriage for rendering the electromagnetic means effective; a manually depressible, normally locked overdraft key; means controlled by the accumulator for unlocking the overdraft key; and means intermediate said overdraft key and said machine operating means and operable by the overdraft key unlocking means upon operation of the same to prevent operation of said electromagnetic means, said intermediate means being operable by said machine operating means during adding operations.

2,451,632
CONTROL VOLTAGE MEANS IN PULSE RECEIVER
Bernard M. Oliver, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 24, 1944, Serial No. 523,722
14 Claims. (Cl. 250—20)



1. In combination, means for forming a voltage wave comprising a plurality of short pulses which may be of varying amplitude spaced apart by time intervals which are long compared to the duration of a pulse, an energy storage element, means for conditioning said storage element by varying the amount of energy stored therein until the energy reaches a reference level before the occurrence of each pulse but after the occurrence of the immediately preceding pulse, and means for applying each pulse to the storage element to vary the amount of energy stored therein by an amount depending on the amplitude of that pulse.

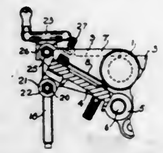
2,451,633
SLOT CLOSER FOR DYNAMOELECTRIC MACHINES
Albert Edward Bell Perrigo, Walsall, England, assignor to H. Frost and Company Limited, Walsall, England, a company of Great Britain
Application November 15, 1947, Serial No. 786,180
In Great Britain May 31, 1947
9 Claims. (Cl. 171—252)



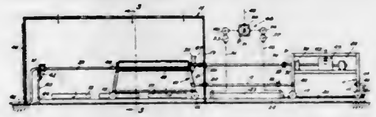
1. A dynamo-electric machine having open coil-receiving slots between adjacent pole teeth, in combination with coils in the slots and composite slot-closing strips of unit construction comprising separate longitudinal side members of magnetic material in direct contact with the pole teeth and an intermediate longitudinal portion of non-magnetic material which connects and spaces the side members to form therewith a self-contained unit.

2,451,634
INK FOUNTAIN FOR PRINTING PRESSES
Arthur Willard Ranger, Brighton, England
Application September 21, 1946, Serial No. 698,568
In Great Britain September 22, 1945
1 Claim. (Cl. 101—364)

An ink duct for a printing press of the type comprising a duct roller, a trough including an inclined, pivotally supported cross-member, and end blocks, a thin metal blade for engagement with the duct roller, means for setting the blade relatively to the duct roller, said blade-setting means being adapted to act upon the blade positively both during advance and retraction of the blade, a screw-threaded rod and a hand-wheel, for moving said cross-member about its pivotal support to open and close the trough, a support for said rod pivotally mounted on the frame of the printing press, a nut for operative screw-threaded engagement with said rod, said nut being pivotally mounted on said cross-member, and an adjustable stop on the frame of the press for limiting the closing movement of said cross-member and thereby determining the closed position of the trough.



2,451,635
APPARATUS FOR TREATING TUBULAR BODIES
Frank A. Schratt, Cincinnati, Ohio
Application May 5, 1945, Serial No. 592,203
4 Claims. (Cl. 51—14)

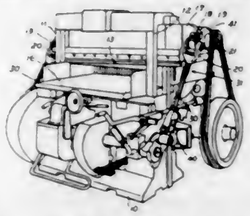


2. Apparatus of the class described comprising a pair of parallel track elements, a dust chamber surrounding a portion of said tracks at one end, a work carriage tractionally supported on said tracks within the dust chamber, a power truck tractionally supported on said tracks exteriorly of the chamber, a tie rod passing slidably through the wall of the dust chamber and rigidly connecting said work carriage and said truck in spaced relation, variable speed power means mounted on the truck, a pair of rollers mounted in spaced side by side relation upon the work carriage in parallelism with the tracks, a drive shaft passing through the wall of the dust chamber and rotatably connecting one of said rollers with said power means, means disposed exteriorly of the chamber for reciprocating said truck and carriage in unison along said track members, and means including a sand blast nozzle and an adjustable support therefor for fixedly holding said nozzle in predetermined relation to the truck for operating on a body supported on said rollers on said work carriage.

2,451,636
CUTTING MACHINE
William R. Spiller, Dayton, Ohio, assignor to Harris-Seybold Company, Cleveland, Ohio, a corporation of Delaware
Application June 21, 1946, Serial No. 678,485
5 Claims. (Cl. 164—54)

1. In a machine for cutting paper and the like having a work table for receiving the material to be cut, a cutting knife, a reciprocatory knife bar for supporting said knife and a drive, the combination of a crank operated from said drive, a non-circular pull bar connected to said crank, a coupling member connecting said pull bar to said knife bar for reciprocation of the latter through a cutting stroke, threaded means for adjusting the connection between said pull bar and said knife bar to provide for determining

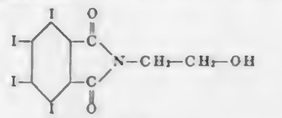
the position of said knife relative to said table at the bottom of its stroke, and releasable locking means effective between said coupling member and said pull bar including disengageable mem-



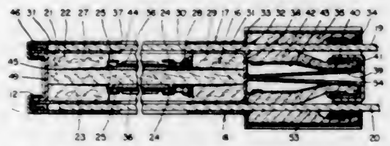
bers on said coupling member and on said non-circular pull bar respectively adapted to cooperate to prevent relative rotational movement between said coupling member and said pull bar when engaged.

2,451,637
N(β-HYDROXY ETHYL)-TETRAIODO-PHTHALIMIDE
William H. Strain, Rochester, N. Y., and Joseph Dec, Martinsville, N. J., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application February 1, 1947, Serial No. 725,966
1 Claim. (Cl. 260—326)

N-(β-hydroxyethyl)-tetraiodo-phthalimide, having the formula

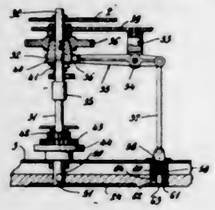


2,451,638
PHOTOGRAPHIC PLATE AND FILM HOLDER
Edward C. Suydam, Los Angeles, Calif.
Application March 27, 1947, Serial No. 737,537
3 Claims. (Cl. 95—66)



1. A double plate and film holder comprising a central core member having a pair of rectangular recesses in opposite sides thereof, means for retaining a photographically sensitized member in each of said recesses, a slide holder mounted on each side of said core member, each slide holder comprising a receiving member having a rectangular opening therein, inwardly folded side and bottom marginal edge portions on said receiving member, an offset upper end portion on said receiving member with a top marginal flange, a felt sealing strip mounted between the top marginal flange and the bottom of said offset upper end portion and gripped by the top marginal flange, an insert formed substantially similarly to said receiving member and disposed oppositely thereto, said insert having a flanged upper edge portion, a film sealing strip with spring backing gripped beneath said flanged upper edge portion, said insert being slidably inserted within the inwardly folded marginal portions of said receiving member, channel members mounted on the sides and bottom of said core member, the flanges of the channels thereof facing outwardly and being inserted in the inwardly folded marginal edge portions of said receiving members, latch clips mounted on the sides of said film holder, channels enclosing the ends of said offset portions and said film strips, a channel overlying the upper ends of said inserts, and a dark slide slidably insertable between each receiving member and its associated insert to overlie the recess in one side of said core member.

2,451,639
SETTING MEANS FOR WORLD CLOCKS
Andre Tellier, New York, N. Y.
Application November 4, 1946, Serial No. 707,633
3 Claims. (Cl. 58—43)

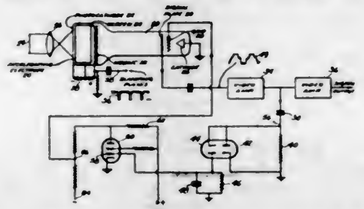


1. A clock comprising hour and minute hands, mechanism for automatically moving said hands, including an operating arbor mounting the hour hand, a stationary dial plate positioned behind the hands and having a local time-indicating dial shown thereon, a ring member positioned around the outer periphery of said dial plate and operatively connected to the operating arbor of the hour hand for rotation thereby in calculated speed therewith, a stationary disc member positioned around the outer periphery of said ring member, said ring member and disc member having correlated and coindicative indicia displayed thereon indicating the time at various global zones and in coordinated and calculated proportionate time indications in relation to the time indicated on the local time-indicating dial of the clock and mechanism for manually moving said hands independently of said automatic mechanism for adjusting the same including a pivoted lever adapted to move the connection between the ring member and operating arbor to inoperative position, said dial plate having a socket portion and adapted to receive a tool for moving said lever about its pivot.

2,451,640
CONTROL SYSTEM
Robert R. Thalner, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 11, 1945, Serial No. 593,153
14 Claims. (Cl. 178—7.2)

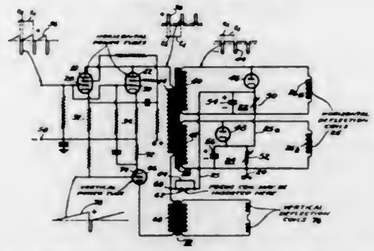
2. In a television system, a camera tube in which a cathode ray scanning beam is developed to scan a mosaic electrode on which electrostatic charges are developed in proportion to the brilliance of an optical image, the signal output of said tube having a peak-to-peak value which is a measure of the brilliance of said optical image, a peak-to-peak rectifier, means for applying the signal output of said camera tube to said peak-to-peak rectifier, an energy storage circuit, means for applying the output of said

peak-to-peak rectifier to said energy storage circuit so as to develop a relatively smooth D.-C. having an amplitude approximately equal to the peak-to-peak value of the signal output of said



camera tube, and means for applying the output of said energy storage circuit to said camera tube to control the intensity of said scanning beam in direct proportion to said peak-to-peak value of the signal output.

2,451,641
POWER CONSERVATION SYSTEM
Charles Edward Torsch, Lancaster Township, Lancaster County, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application September 28, 1945, Serial No. 619,176
11 Claims. (Cl. 315—27)

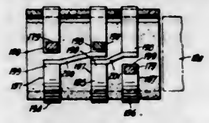


1. In a system having a source of D.-C. power, means for converting the D.-C. power supplied by said source into A.-C. power, and an inductively reactive load circuit into which the A.-C. power output of said converting means is fed, the combination of a pair of electron discharge tubes each of which is connected to rectify a portion of the reactive energy cyclically developed in said load circuit, a pair of energy-storage devices, means for respectively applying the energy rectified by said electron discharge tubes to said energy-storage devices so as to establish substantially smooth D.-C. potentials thereon having values dependent upon the magnitude of the respective rectified energies, and a circuit for applying the D.-C. potentials established on said energy-storage devices to said converting means additively in series both with each other and with said source of D.-C. power, whereby the amount of A.-C. power available for application to said load circuit is increased.

2,451,642
VISCOUS MINERAL OIL COMPOSITIONS
Roger W. Watson, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application October 23, 1944, Serial No. 560,049
1 Claim. (Cl. 252—50)

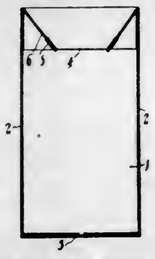
A stable normally liquid viscous mineral oil composition comprising a viscous mineral oil normally susceptible to oxidative deterioration in the presence of metal and from about 0.001% to about 0.5% of N,N'-dibenzyl-paraphenylene diamine.

2,451,643
VARIABLE INDUCTANCE TUNER
Sidney Y. White, Wilmette, Ill., assignor to Victor S. Johnson, Chicago, Ill.; Alex Thomson administrator of said Victor S. Johnson, deceased
Application December 8, 1942, Serial No. 468,195
7 Claims. (Cl. 171—242)



1. A tuning coil of solenoidal form for ultra-high frequencies comprising a plurality of no-pitch turns for directing the flux along the coil axis, cross connecting means joining the ends of adjacent turns to one another to produce additive inductive effects, said connecting means extending substantially in the direction of the coil axis, and a core arranged to move axially inside said coil, the coil turns being critically spaced from one another and being of different critically related diameters in relation to the core characteristics, whereby the combined effect of the changes of self-inductance of the turns, dependent upon their respective diameters, and the mutual inductance of the turns, dependent upon their diameters and spacing, is made responsive to the core movement to produce a straight line relationship of core displacement to frequency.

2,451,644
CONTAINER
Geoffrey H. Wood, Toronto, Ontario, Canada
Application April 2, 1946, Serial No. 659,075
1 Claim. (Cl. 229—39)



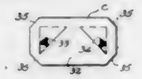
A shipping container adapted to be used when emptied as a waste receptacle comprising four side walls and end walls, one end wall consisting of a first pair of substantially rectangular flaps hingedly mounted at their ends on opposite side walls and a second pair of substantially quadrilateral flaps hingedly mounted at their ends on the other opposite side walls and having substantially parallel ends and converging sides, said flaps being adapted to be folded inwardly and overlapped to form a closure for the container, each of the first pair of flaps having a pair of slots therein extending diagonally in opposite directions from separated points on the end of the flap towards the sides of the flap, the pairs of slots being opposite to and substantially symmetrical with one another, and each of the second pair of flaps having a pair of tabs extending outwardly from its convergent sides adjacent to

the end of the flap, the slots being positioned so that when both pairs of flaps are swung inwardly and downwardly within the container with the first pair below the second pair the tabs are adapted to enter the slots in the adjacent flaps and lock the flaps together to form a hopper-type cover with a central aperture.

2,451,645
FUNGICIDAL AND BACTERICIDAL COMPOSITIONS CONTAINING 1-(4'-ISOPROPYLBENZYL)-PIPERAZINE
Ferdinand B. Zienty and George W. Steahly, St. Louis, Mo., assignors to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application May 24, 1947, Serial No. 750,382
12 Claims. (Cl. 167—33)

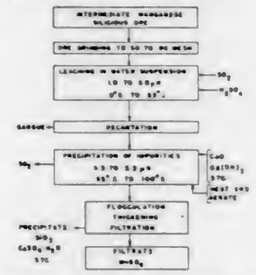
5. A fungicidal and bactericidal composition comprising a substance selected from the group consisting of 1-(4'-isopropylbenzyl)-piperazine and its acid salts, and a carrier.

2,451,646
PICTURE CORNER MOUNT
Albert A. Ainsworth, Savannah, Ga.; Clara Ayles Ainsworth, executrix of said Albert A. Ainsworth, deceased, assignor to Clara Ayles Ainsworth, Savannah, Ga.
Application March 1, 1943, Serial No. 477,605
1 Claim. (Cl. 40—158)



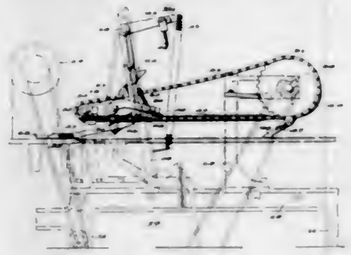
A combined right and left corner mount including a body portion and a pair of tongues formed integral therewith, said tongues being in the form of right angle triangles, each connected to the body portion along a line parallel one edge of the combined mount and being cut away from the body portion along lines respectively perpendicular and diagonal to the hinge line, and the diagonal lines of the two tongues being oppositely directed so as to form right and left corners.

2,451,647
PROCESS OF TREATING INTERMEDIATE MANGANESE SILICEOUS ORES
John R. Allen, Seattle, Wash., assignor to Manganese Products, Inc., Seattle, Wash., a corporation of Washington
Application December 21, 1944, Serial No. 569,204
14 Claims. (Cl. 23—117)



1. In the method for recovering manganese from manganese bearing ores containing silica, the step of treating an ore pulp mass including a sulfuric acid containing manganese sulfate solution which contains silica in a dissolved and dispersed state with a basic material capable of forming a precipitate upon reaction with said acid in such amount as to only partially neutralize said acid to thereby cause the precipitate formed by reaction of the basic material with said acid and carrying the silica interspersed therewith to be thrown out of said solution.

2,451,648
BLANK ADVANCING MEANS
Gustave A. Anderson, New York, N. Y., assignor to The International Handkerchief Mfg. Co., New York, N. Y., a corporation of New York
Application February 15, 1946, Serial No. 647,784
1 Claim. (Cl. 198—170)



An apparatus for advancing blanks of material for making handkerchiefs and the like toward sewing machines which sew opposite side edge portions of the blanks into hems, said apparatus comprising, a frame, a pair of spaced parallel supports carried by said frame and disposed rearwardly and defining the path of travel of the blanks, two pairs of sprocket wheels mounted above said supports, a pair of endless chains mounted on said sprocket wheels for actuation so that each chain during a portion of its path of travel runs above and substantially parallel to one of said supports respectively, rigid straight guide supports positioned along said chains to support said portions against upward sagging, and gripping means carried by said chains and adapted to press opposite side edge portions of the blanks against said supports and to advance the blanks along the supports toward the sewing machines, each of said chains having at least one enlarged triangular link, a gripper foot pivotally mounted intermediate its ends on said triangular link, and spring means for urging the gripper foot into blank engaging position, cam means disposed adjacent to sprocket wheels, the inner ends of said gripper feet having means for engaging said cam means to lower the gripper feet into blank engaging position at the beginning of the blank advancing movement and to raise the gripper feet from the blanks as the latter approach the sewing machines.

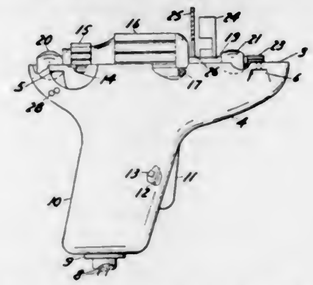
2,451,649
ORNAMENTAL FLOWER CONSTRUCTION
Mario Andreoli, Providence, R. I.
Application November 5, 1945, Serial No. 626,723
1 Claim. (Cl. 63—20)

A brooch comprising a base, an eyelet mounted on said base, a metal stamping simulating a flower petal and having a central opening, said eyelet passing through said opening, a second stamping simulating a flower petal having upturned petals and a central opening, said eyelet passing through said opening, an integral one-piece stamping simulating a plurality of flower stamens and having a central opening, said eyelet passing through said opening and said eyelet be-



ing swedged to lock said petals and stamen to said base, and an ornamental flower portion integral with said stamen stamping for concealing the swedged end of said eyelet.

2,451,650
PISTOL GRIP MOTOR CASING
Kenneth C. Atkin, Toledo, Ohio
Application July 11, 1945, Serial No. 604,439
2 Claims. (Cl. 172—36)



1. A pistol type electric motor hand tool comprising a major housing section providing a complete tool-directing grip portion, there being, lengthwise of said section oppositely from the grip portion, an endless seat having a planar face, a motor shaft having its axis in the plane of said seat, a pair of aligned bearings for the shaft, within the bounds of said seat said major housing section having re-entrant clearance in which said bearings are nested to extend upwardly from the plane of said seat, a minor complementary housing section having a planar face endless seat in register with the major section seat, said minor section being recessed in completing nesting of the bearings, a motor field having one portion nested in the major section and a second portion nested in the minor section, a motor rotor carried by the shaft between the bearings and enveloped by the field portions, and a tool mounting transmission in the minor section and connectable with the motor from assembly of the sections.

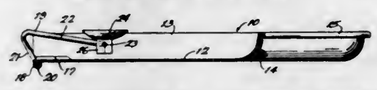
2,451,651
SADDLE HORN
Joseph P. Baldwin, Kingsville, Tex., assignor to King Ranch, Inc., Kingsville, Tex., a corporation of Texas
Application May 1, 1946, Serial No. 666,497
2 Claims. (Cl. 54—44)

2. In combination with a saddle, a saddle horn embracing and secured to the saddle-tree of the saddle; a flange forming one end of the saddle horn base, said flange disposed beneath the remainder of said base and at an acute angle thereto and engaging the forward face of the saddle-tree swell and a plurality of fastening means extending through portions of the saddle-tree swell and anchored at their ends in said flange and in a portion of the saddle horn base, disposed thereabove, said fastenings comprising rivets having elongated shanks, one of the head-



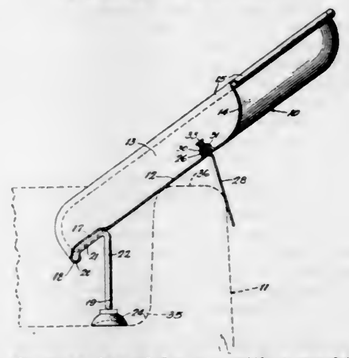
ed ends of each of said rivets engaging the outer side of said flange, and the other headed end of each of the rivets engaging the outer side of the portion of the base disposed thereabove.

2,451,652
SHAMPOO BOARD
Jacob L. Bazelon, Chicago, Ill.
Application March 2, 1948, Serial No. 12,590
10 Claims. (Cl. 4—159)



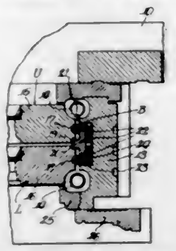
1. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at the lower end and having a neck-receiving portion adjacent its upper end, a bracket pivoted to the trough adjacent the lower end thereof to be folded against the trough or extended underneath the trough, and a pair of suction cups mounted on the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin.

2,451,653
SHAMPOO BOARD
Jacob L. Bazelon, Chicago, Ill.
Application July 31, 1947, Serial No. 765,116
10 Claims. (Cl. 4—159)



1. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the exterior portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end, a bracket adjacent the lower end of the trough and provided with suction cups to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin, and a bracket adjacent the neck-receiving portion of the trough to engage the exterior portion of the washbasin.

2,451,654
WINDOW STRUCTURE
Forrest F. Beil, Clinton, Iowa, assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application March 22, 1944, Serial No. 527,520
7 Claims. (Cl. 20—52.4)

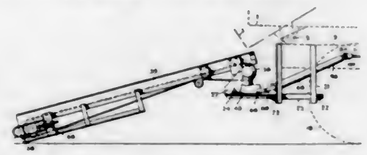


1. In a window structure, a side jamb having a channel, a pair of sashes slidable relative thereto, and a weather seal between said side jamb and said sashes comprising a sealing bar floatingly movable toward and from the bottom and between the walls of said channel, said sealing bar having rounded tongue and groove coaction with said sashes, said sashes having rounded rabbets in their adjacent edges, said bar having a central rounded tongue for cooperating with the rabbets and a resilient Z-shaped weather strip in said channel and urging said sealing bar toward said sashes adjacent the outer edges thereof.

2,451,655
COATED WELDING ROD
Henri Bienfait and Paul Christiaan van der Willigen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
No Drawing. Application January 28, 1946, Serial No. 643,971. In the Netherlands December 15, 1945
5 Claims. (Cl. 219—8)

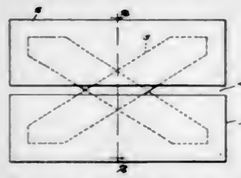
3. A coated electric arc-welding rod, comprising a semi-conductive slag-forming coating having a fusible metallic constituent dispersed therein, the portion of said coating at the welding extremity being in a fused form and so having a greater conductivity than the portion of the coating remote from said welding extremity.

2,451,656
POWER-DRIVEN CONVEYER ATTACHMENT FOR DUMP TRUCKS
John W. Birch, Washington, D. C.; Catherine Ruth Birch executrix of said John W. Birch, deceased
Application December 19, 1946, Serial No. 717,118
6 Claims. (Cl. 214—83.26)



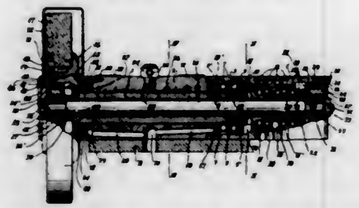
1. A power-driven conveyor attachment for motor-driven dump trucks of the rearwardly tilting and discharging dump body type, comprising a stationary frame attached to the rear end of the truck beneath the rear end of the dump body, a movable frame slidably supported by the stationary frame for shifting movements from an out-of-the-way position beneath the truck, to a rearwardly extended position, a saddle pivotally mounted on the movable frame for pivotal movements about a vertical axis, a conveyor unit of the endless belt type attachable to the movable frame when the latter is extended and pivotally supported at one end on the saddle for pivotal movements about a horizontal axis in a vertical plane, said conveyor unit also being swingable with the saddle about the vertical pivotal axis of the latter while always maintaining the conveyor unit in a position to receive the contents of the dump body when the latter is rearwardly tilted to discharge said contents, and power-driven means for transmitting power from the truck motor to the conveyor for driving the latter.

2,451,657
BUILDING BLOCK
Joseph N. Blackbourn, Prairie du Chien, Wis.
Application September 11, 1945, Serial No. 615,535
1 Claim. (Cl. 72—43)



A building block comprising blocks spaced apart from each other whereby to provide an air space, and tie strips connecting the same, said strips each being in the form of a length of wood material, one of the strips being superposed upon the other in non-connected crossed relation relative thereto, said strips lying in parallel horizontal planes, the point of crossing of the strips being disposed substantially at the center of each strip and of the air space, the end portions of the strips being embedded in the blocks and portions of both strips at the point of crossing being embedded in each block, said embedding constituting the sole connection of the strips to the blocks.

2,451,658
MOUNTING OF GRINDING WHEELS, ESPECIALLY ON GRINDING MACHINES
Ettore Bugatti, Paris, France
Application September 11, 1945, Serial No. 615,633
In France December 3, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 3, 1963
15 Claims. (Cl. 51—166)

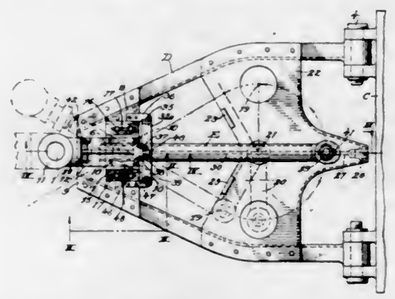


10. In a grinding machine, the combination of a frame including an elongated cradle portion and at least two longitudinally spaced apart lugs on each side of said cradle portion; a grinding unit including a long bearing for a grinding wheel shaft and for means to drive said shaft, said long bearing being so shaped as to seat in said cradle; at least two flexible straps, each of which extends from a lug on one side of said cradle to the opposite lug on the other side of said cradle; and means providing an adjustable, resilient connection between each lug and the corresponding strap.

2,451,659
RECOVERY OF PROTEINS FROM SOYBEANS IN PRESENCE OF BLANKETING AGENTS AND ENZYME INHIBITORS
Francis E. Calvert, Cincinnati, Ohio, assignor to The Drackett Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application November 5, 1946, Serial No. 707,973
4 Claims. (Cl. 260—112)

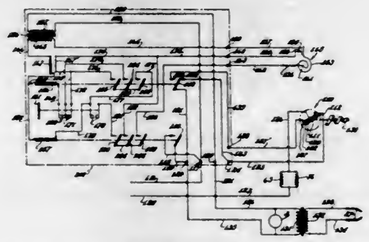
1. A method of minimizing the formation of color in protein during isolation from oleaginous seed material by the process of treating the material with a protein solvent at a pH above 6, precipitating the dissolved protein with acid, and filtering and drying the precipitate, which includes the steps of introducing in effective amounts during the isolation process and prior to the drying of the protein an enzyme inhibiting agent and a blanketing agent, said blanketing agent comprising a liquid organic compound having low solubility in water, and capable of forming an adsorption compound with protein to exclude oxygen from contact with the protein molecule and to prevent molecular aggregation of the protein during drying, and retaining the blanketing agent in contact with the protein until the latter is dried.

2,451,660
VEHICLE COUPLER
Andrew B. Clark and Kenneth C. Clark, Watsonville, Calif.
Application August 6, 1946, Serial No. 688,664
7 Claims. (Cl. 280—33.15)



2. The combination with a vehicle tongue, of a sleeve pivotally secured to the tongue and being swingable about an axis that extends at right angles to the plane of the tongue, a draw bar slidably carried by the sleeve and having a pintle-receiving eye at its front end, a collar placed on the bar near the eye, said bar having a longitudinally extending slot at the rear end, an arm pivoted to the tongue, a trunnion carried by the free end of the arm and being slidably received in the slot, a latch pivotally connected to the tongue and engaging with the collar when the bar is fully retracted, a hook for holding the latch in released position, said arm paralleling the bar when the latter is fully retracted, a trigger engageable with the arm for holding it from swinging when the bar is retracted, and connections between the hook and trigger for releasing the trigger from the arm when the hook engages with the latch for holding it in released position.

2,451,661
DUAL FIRING RATE OIL BURNER APPARATUS
Richard M. Cochrane, West Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass., a corporation of Massachusetts
Application September 22, 1947, Serial No. 775,548
10 Claims. (Cl. 158—28)

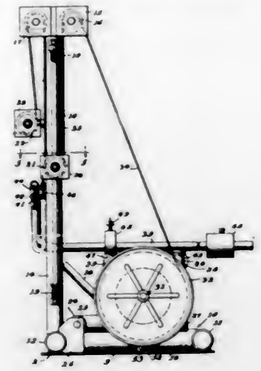


1. In a variable firing rate oil burner apparatus for house heating systems, of the type wherein air and oil for combustion are respectively supplied by a fan to an air conduit and by a pump to one or the other of two oil conduits, each of which terminates in the air conduit with an atomizing nozzle, and valve means are provided for selectively connecting said oil conduits to the pump to secure high or low rates of firing, and the fan and pump are driven by an electric motor which is adapted to be started and stopped by a room thermostat when there is a demand for heat and when such demand is satisfied, respectively; electromagnetic means for actuating the valve means, a primary nozzle selector switch, a primary energizing circuit for the electromagnetic means including the primary selector switch, the latter being movable from one position to another to cause the electromagnetic means to be actuated to connect one or the other nozzle to the pump, a second nozzle selector switch movable with the first selector switch but operating reversely, an alternate energizing circuit for said electromagnetic means including the second selector switch, a third switch, an electromagnet for actuating the third switch, the latter normally adapted to connect the primary energizing circuit to a source of supply and operable when said electromagnet is energized to connect the alternate energizing circuit to said source, a fourth switch opening and closing in response to the presence or absence of combustion, and a circuit for the electromagnet including the fourth switch and said room thermostat.

2,451,662
UNWINDING DEVICE
John Cook, Ridgewood, N. J.
Application August 1, 1945, Serial No. 608,203
22 Claims. (Cl. 242—156)

1. In combination, weight actuated brake means effective for controlling the delivery of wire from a roll, tension responsive means adapt-

ed to be supported by the feeding run of said wire, and flexible weight means connected to said tension responsive means and said brake means for operating the latter, said tension responsive



means being movable in response to tension variation of said run to shift at least a portion of the weight of said flexible means relative to said brake means and thus render the latter effective in acordance with said variation.

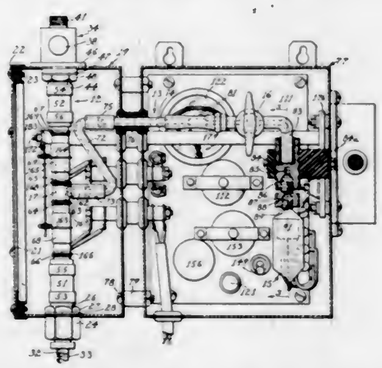
2,451,663

BRIDGE STRUCTURE FOR pH MEASUREMENT DEVICE

Edwin D. Coleman, Maywood, Ill.

Original application February 8, 1940, Serial No. 317,805, which is a division of application Serial No. 252,779, January 25, 1939. Divided and this application July 5, 1943, Serial No. 493,559

4 Claims. (Cl. 204—195)



1. In a device for measuring ion activity, an electrode comprising a tube having a bore through which the sample is passed for test purposes, a bridge tube connecting with said bore intermediate its ends, a supply of plastic bridge material incapable of flow through said bridge tube under its own hydrostatic pressure but capable of easy flow through said tube under moderate pressure, and means for forcing bridge material through said bridge tube to establish liquid junction with said sample at the junction of said tubes.

2,451,664

ORGANO-DISILOXANE AND METHODS OF PREPARING IT

William Herbert Daudt, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York

No Drawing. Application August 9, 1945, Serial No. 609,919

1 Claim. (Cl. 260—448.2)

Pentamethylphenyldisiloxane.

2,451,665

CHILD'S VEHICLE

Joseph A. Di Bartolomeo, Baltimore, Md.

Application November 12, 1947, Serial No. 785,363

4 Claims. (Cl. 280—7.15)



4. In combination with a vehicle of the bicycle type including a main frame having at its rear end a downwardly extending fork composed of a pair of limbs having alined axle-accommodating holes in their lower end portions, a plate having in its medial portion a pair of holes to accommodate the limbs of said fork and provided at its ends with ears having alined holes disposed in the same vertical plane as said pair of holes, and an axle insertable through the holes in said ears and through the holes in said limbs when the latter are disposed in the holes in said plate to interlock said plate with said limbs, said axle being adapted to have mounted on its end portions outwardly of said ears a pair of rear supporting wheels for the vehicle.

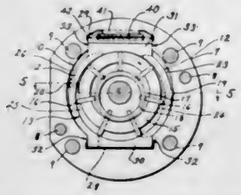
2,451,666

VARIABLE CAPACITY PUMP

Warren H. De Lancey, Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass., a corporation of Massachusetts

Application November 1, 1945, Serial No. 626,023

5 Claims. (Cl. 103—120)



1. A rotary pump, comprising, a casing having therein a central cylindrical chamber with two short diametrically-opposed recesses each of which has two short straight walls paralleling a diameter of said chamber, a hollow cylindrical member mounted in said chamber, the cylindrical opening in said member forming a pump chamber,

said member having two diametrically-opposed ends projecting outwardly from its periphery one into each of said recesses, each such end having two straight parallel side walls engaged one with each of the first-named side walls to support said member for sliding movement radially of said cylindrical chamber, a drive shaft rotatably mounted in said casing, a bladed pump rotor fixed to the drive shaft and mounted in the pump chamber, said casing having inlet and outlet passages communicating with the pump chamber on opposite sides of the rotor, yieldable means acting on one end of said member and tending to move the pump chamber into eccentric relation with the rotor, and means connecting the discharge side of the pump to one of said recesses at a location beyond the other end of said member, whereby fluid pressure acts directly on such end as a piston and moves the member radially in opposition to said yieldable means to decrease the relative eccentricity of the pump chamber and rotor and thus the rate of pumping.

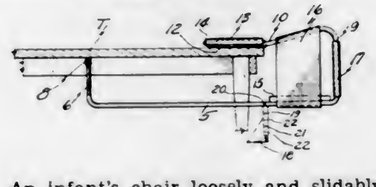
2,451,667

INFANT'S CHAIR

Francis E. Ducey, Midland, Mich.

Application August 20, 1945, Serial No. 611,547

5 Claims. (Cl. 155—78)



1. An infant's chair loosely and slidably attachable to a table and the like comprising, a one-piece main frame including forwardly extending legs terminating in an upwardly bent end section loosely engageable with and bearing against the underside of a table, the rear end of the legs being bent upwardly and over to form a horizontally disposed overhanging section connected at its forward end, said forward end section bearing on the face of the table at a point spaced horizontally from the point of bearing of the upwardly bent legs, and a seat provided on the legs at the rear end of the main frame.

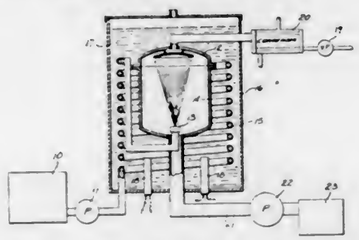
2,451,668

PROCESS AND APPARATUS FOR RECONDITIONING CONTAMINATED OIL

Charles J. Egger and Robert H. Webster, Cleveland, Ohio, assignors to The Buckeye Laboratories Corporation, a corporation of Ohio

Application March 17, 1943, Serial No. 479,462

11 Claims. (Cl. 196—16)



1. Apparatus for treating oil comprising, a vessel, means for evacuating the vessel, spray means for spraying the oil in the vessel, a container having a heat transfer liquid, means for heating the said liquid, conduit means for conveying the oil to the spray means, said conduit means and said vessel being immersed in the said heat transfer liquid.

2,451,669

GAS BLAST CIRCUIT BREAKER

Ernst Eichenberger, Wettingen, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland

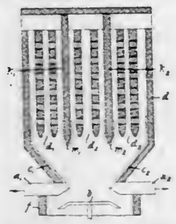
Application March 27, 1945, Serial No. 585,031

In Switzerland September 15, 1943

Section 1, Public Law 690, August 8, 1946

Patent expires September 15, 1963

9 Claims. (Cl. 200—148)



1. Gas blast circuit breaker comprising switch contacts; a pair of auxiliary contacts constructed and arranged to catch and hold root points of the arc formed upon opening of said switch contacts, a blast chamber disposed crosswise of the path of the arc, said chamber being subdivided longitudinally by interior wall means into three compartments through which blast gas is adapted to flow, and said auxiliary contacts being located respectively at the entrance to the outer two of said compartments, a plurality of spaced probes arranged one above the other in each of the said outer two compartments, and similarly spaced probes in the middle compartment individual to and electrically connected with each of the probes in said outer compartments, said spaced probes forming successive points of attachment for the arc intermediate the root points thereof upwardly through the blast chamber as the arc is lengthened by the blowing action of the blast gas.

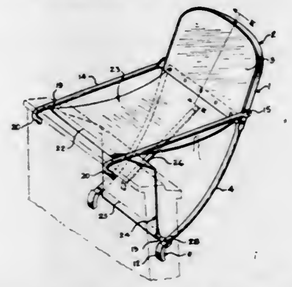
2,451,670

SAFETY WINDOW SEAT

Edward A. Favre, Waltham, Mass.

Application November 15, 1945, Serial No. 628,802

7 Claims. (Cl. 304—27)



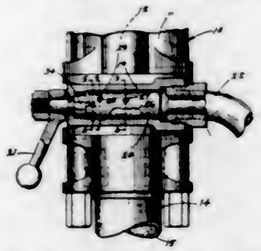
1. A device of the character described comprising a U-shaped main frame portion having a

back portion, located at the base of the U and having its opposed ends provided with bearing portions, means for connecting the opposed ends together, a pair of supporting members having hooked portions pivotally connected to the main frame member and having hooked portions adjacent the free ends thereof, means for connecting the supporting portions with each other adjacent said free ends, foldable means connecting said supporting portions with the branches of the U-shaped main frame member at points spaced at the pivotal connections and a seat of collapsible flexible sheet material having one end supported adjacent the back portion and having the portion overlying the means connecting the free ends of the supporting portions and secured in said relation.

2,451,671
THROTTLE VALVE FOR STOPERS

Albert Feucht, Garfield Heights, Ohio, assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis., a corporation of Wisconsin

Application August 17, 1943, Serial No. 498,933
10 Claims. (Cl. 121—9)



1. In a valve for distributing pressure fluid to the motor and feed cylinder of a stoper, a valve housing having an inlet for pressure fluid, a passage for motor fluid, a passage for feed fluid and an orifice leading to atmosphere, a hollow valve piece operable in said housing having ports for connection simultaneously with said motor fluid passage and said feed passage, the interior of said hollow valve piece being in communication with said inlet whenever either of said ports is in operative position, and said valve also having a bleed passage adapted, when the valve piece is in position to connect said feed passage with said inlet, for connecting said feed passage with said orifice independently of said motor fluid passage.

2,451,672
ALCOHOL INSOLUBLE NITROGEN SUBSTITUTED POLYAMIDES

Hugh W. Gray, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

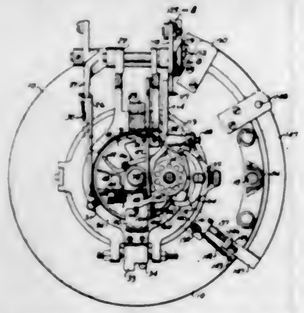
No Drawing. Application December 8, 1944, Serial No. 567,316
12 Claims. (Cl. 260—78)

1. A process for rendering N-alkenoxymethyl polymides insoluble in alcohol and increasing their melting point, said process comprising incorporating with an alcohol-soluble N-alkenoxymethyl polycarbonamide, in which from 1% to 100% of the amide substitution consists of N-alkenoxymethyl groups, a free radical-producing agent in amount of from 0.1% to 20% by weight of said N-alkenoxymethyl polycarbonamide, said agent being selected from the group consisting of peroxy compounds, ketones, organo-metallic compounds, and azo compounds, and then activating said agent at a temperature of from 20° C. to 200° C. to decompose said agent into free radicals, and continuing the reaction until said polycarbonamide is essentially insoluble in alcohol in which the initial untreated polyamide is soluble, the amide groups in said polycarbonamide being an integral part of the polymer chain, and the average number of carbons in the segments of the chain separating the amide groups being at least two.

2,451,673
WRAP STRIPE ATTACHMENT FOR KNITTING MACHINES

Cornelius Sherman Grove, Sr., Julius Van McKinney, and Silas Pittman, Hickory, N. C., assignors to G. and H. Hosiery Company, Inc., Hickory, N. C., a corporation of North Carolina

Application September 28, 1946, Serial No. 700,056
9 Claims. (Cl. 66—135)



1. In a circular knitting machine, having a bed plate, a pattern drum, a latch ring, and a throat gap, and a circular series of needles, spaced needles disposed at intervals around a portion of the circle and having long butt jacks associated therewith, other spaced needles disposed around another portion of the circle and having medium butt jacks associated therewith, an elevating cam for engaging said butts and raising the same, means for advancing the cam fully inwardly to raise both the long butt and medium butt jacks for raising the same, means for advancing the cam inwardly to a lesser amount to engage and raise only the long butt jacks, and means for feeding wrap threads to the needles raised by their associated jacks, the means for advancing the cam fully inwardly and the means for advancing the cam inwardly a lesser amount comprising a push rod movable by the pattern drum, a lever mounted on the bed plate and having one end engaging the cam for moving it inwardly and having its other end engageable by the push rod, and such rod having one cam portion for engaging said lever and moving it to move the cam partially inward to engage only the long butt jacks and having another cam portion for engaging the said lever and moving the cam further inwardly to engage both the medium butt jacks and the long butt jacks.

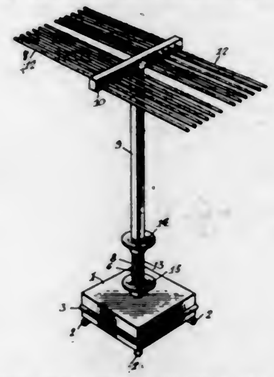
2,451,674
CLOTHES DRIER

Emile Hade, Montreal, Quebec, Canada

Application January 22, 1945, Serial No. 573,866
1 Claim. (Cl. 211—176)

A clothes drier comprising a base having a vertical hole, a cross pin in said hole, a post receivable in said hole, the lower extremity of said post having a pair of intersecting grooves

adapted selectively to receive said pin, a nut threaded on said post and engaging said base to

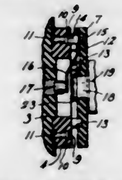


effect lifting said post from said pin, said post having a cross bar at its upper end with horizontal arms extending from said cross bar.

2,451,675
DISTRIBUTOR

Kenneth A. Harmon, Longmeadow, Mass., assignor to Wico Electric Company, West Springfield, Mass., a corporation of Massachusetts

Application May 3, 1946, Serial No. 667,069
11 Claims. (Cl. 200—24)



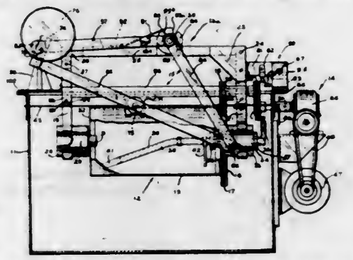
2. In a distributor, a rotatable driving member, a plurality of fixed electrodes disposed around the axis of revolution of said member and each having an exposed face, an element rotatably driven by said member, an electrode fixed to said element and having a face adapted to successively move into confronting relation with each of the first-named faces during rotation of said member, said element being mounted to float on its driving member with freedom to be adjustably moved as may be necessary to enable said end face of the rotatable electrode to freely move into parallelism with each of the first-named faces as it confronts the same, a fixed track adjacent the fixed electrodes, three brushes fixed to said element and riding on said track, and means for adjustably moving said element to press said brushes against said track, whereby to cause said face of the rotatable electrode as it moves into confronting relation with each of the first-named faces to be positioned in parallelism therewith.

2,451,676
ELECTROPLATING MACHINE

Norman K. House, St. Louis, Mo., assignor to Lasalco, Inc., St. Louis, Mo., a corporation of Missouri

Application April 19, 1946, Serial No. 663,272
8 Claims. (Cl. 134—137)

1. In an electroplating device having a tank, a barrel and a counterbalanced supporting structure for moving the said barrel from a point within to a point without said tank, the combination of a frame for mounting said barrel on said

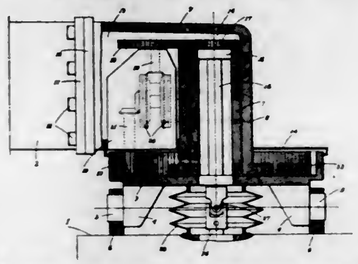


supporting structure, and means forming a part of said frame carrying an end closing cover for said barrel pivotably movable to open and close said barrel.

2,451,677
VEHICLE COUPLING AND POWER STEERING DEVICE

John H. Hyler, Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif., a corporation of California

Application June 29, 1945, Serial No. 602,184
5 Claims. (Cl. 180—79.4)



2. A tractor-trailer draft coupling and power steering device comprising an upstanding post, means adapted to mount the post on the tractor for relative lateral tilting about a longitudinally extending axis, a sleeve rotatably surrounding the post, means adapted to fix the sleeve in connection with the trailer, a driven shaft journaled in the post, driving connections between the shaft and sleeve operative to cause relative rotation of said post and sleeve, a drive shaft upstanding from the tractor in substantially alined relation to but spaced from the driven shaft, and a universal connection secured between adjacent ends of said shafts, the center of universal movement of the latter connection being in substantial alinement with the axis of tilting movement between the post and the tractor.

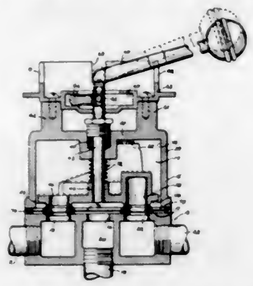
2,451,678
MULTIPLE PORT VALVE STRUCTURE

Bruce W. Johnson, Rockford, Ill., and Adolph D. Bullerjahn, Milwaukee, Wis., assignors to Automatic Pump & Softener Corporation, Rockford, Ill., a corporation of Illinois

Application April 4, 1945, Serial No. 586,568
9 Claims. (Cl. 251—84)

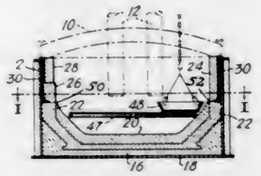
2. The combination in a lift-turn valve of a stator member having a face provided with a plurality of ports, a rotor member having a face opposed to the face of the stator provided with a plurality of ports arranged for registry with ports

of the stator in selected positions of the rotor, a rigid plate of sheet material overlying the face of the stator having a plurality of openings therein coaxial with the ports in the stator, the outer edge of the plate having radially disposed ears, a gasket at the edge of said plate of greater thickness than the plate having flanges projecting inwardly on opposite sides of said plate, one of said flanges acting to space said plate from the face of the stator, a bonnet enclosing the



rotor, said plate and the face of the stator seated on said gasket, fastening means for securing the bonnet to the stator shaped to engage said ears to locate said plate with respect to the stator, a port gasket of resilient material affixed to the plate at each of the openings in said plate for sealing the space between the rotor and the stator, and means for lifting, turning and reseating the rotor against said port gaskets to compress the same between the rotor and the stator.

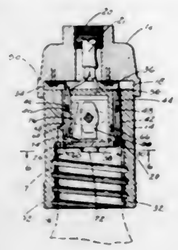
2,451,679
FURNACE LINING STRUCTURE
Stanley A. Komorowski, Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application June 25, 1945, Serial No. 601,520
4 Claims. (Cl. 266—43)



1. In a furnace comprising a shell and a refractory lining, a plurality of metal inserts of generally L-shape, said inserts being of substantial area, one leg of the inserts being mounted in upright position between the shell and the lining and the other projecting outwardly from the shell under a portion of the lining, said inserts being spaced at intervals around the furnace, whereby pulling of the inserts in a direction upwardly of the furnace effects dislodgement of the furnace lining.

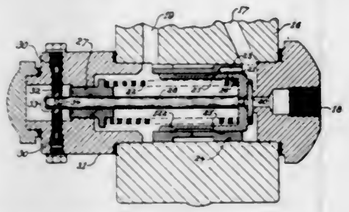
2,451,680
ELECTRIC LIGHT SOCKET
Herbert Lagin, New York, N. Y.
Application December 15, 1945, Serial No. 635,186
5 Claims. (Cl. 200—51.16)

5. In an electric socket for threaded reception therein of a lamp, a cap member having a recess at one end thereof and an opening extending from the recess to the top thereof for receiving therein two wires, a prong extending from the cap for securing therein one of the wires, a resilient catch extending from the prong, a second prong spaced from the first prong and extending from the cap for securing thereto the other wire, said prong having a second resilient catch extending therefrom, a sleeve received in the cap member in the recess thereof and frictionally held therein by the cap member, said sleeve having openings therein for receiving the



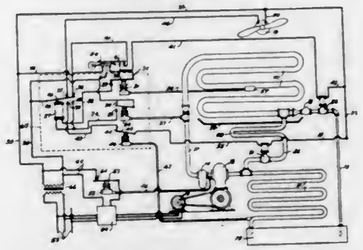
prongs in the interior of the sleeve upon inserting the sleeve in the cap in the recess therein, walls of said sleeve at the said openings being undercut to provide shoulders extending away from the openings, the walls on the interior of the sleeve moving the resilient catches inwardly away therefrom upon insertion of the sleeve in the cap whereby the prongs are received in the openings said shoulders passed by the resilient catches to thereby release the catches by the walls of the sleeve to pass under the shoulders, said shoulders cooperating with the catches to prevent removal of the sleeve from the cap.

2,451,681
OIL BURNER DELAYED-ACTION VALVE
Joseph A. Logan, Hadley, Mass., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts
Application November 4, 1944, Serial No. 561,927
3 Claims. (Cl. 158—36.3)



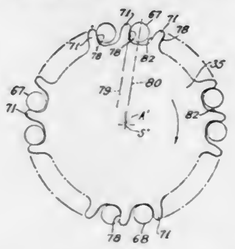
1. In an automatic gun type oil burner of the kind described, the combination of a fan to supply a controlled air stream, an oil pressure atomizing nozzle to discharge oil in said air stream, an oversize pump to supply oil to said nozzle, an oil conduit to connect the pump and the nozzle, an automatic pressure regulating valve interposed in said oil conduit, said regulating valve having a valve face and valve seat portion and spring means to hold the face to the seat, said face portion of the valve being retractable from the seat by fluid from the pump exerting pressure on a movable surface of the valve to overcome said spring means, and a frictional device to additionally hold said valve face to its seat and delay the opening of the valve by making the pump supply oil under pressure substantially higher than that necessary to overcome said regulating valve spring means, said frictional device being operably connected with said regulating valve to be moved out of friction exerting position when the valve opens and returned to said position when the valve closes, all for the purpose described.

2,451,682
REFRIGERATION SYSTEM USING GAS FOR DEFROSTING
Ole B. Lund, Havre, Mont.
Application August 9, 1946, Serial No. 689,323
3 Claims. (Cl. 62—2)



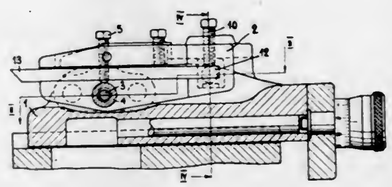
1. In a refrigerating system having a gas compressor, a suction line leading from said evaporator to said compressor, a condenser receiving the gas from the compressor, and a liquid line carrying the liquid gas from the condenser to the evaporator, means for defrosting the evaporator comprising: a by-pass line extending from the discharge of the compressor to the intake of the evaporator; an electrically controlled valve in said by-pass line; a second electrically controlled valve in said liquid line; a pressure-operated switch connected to the suction line; electric contacts controlled by said switch, said contacts being arranged to open the first valve and close the second valve when the pressure in the suction line has decreased to a pre-determined point; and means for closing the first valve when the pressure in the condenser has decreased to a certain pre-determined point.

2,451,683
COUPLING
Burr W. Mantle, Pittsford, N. Y., assignor to American Brake Shoe Company, Wilmington, Del., a corporation of Delaware
Application January 8, 1944, Serial No. 517,486
3 Claims. (Cl. 64—19)



1. In a rotary driving coupling, a driving member and a substantially aligned driven member, driving and driven sprockets fixed on adjacent ends of said driving and driven members respectively, each of said sprockets having teeth formed thereon, thrust bearing means interposed between said driving and driven members and arranged to enable relative pivotal and lateral shifting of said members, spring means acting between said sprocket members to maintain said thrust bearing means in firm engagement, an endless chain member having two parallel interconnected runs of chain each having rollers and the rollers of one of such runs having convex outer bearing surfaces, said chain member surrounding both of said sprockets and having the rollers thereof engaging the teeth thereof so as to transmit rotary motion from said driving member to said driven member, the one of said sprockets which is engaged by the convex surfaced rollers having the teeth thereof formed with substantially complemental concave side surfaces for engagement by such convex rollers and against which such convex rollers may bear and along which such rollers may shift radially with respect to said sprockets in the course of rotary movement of such sprockets.

2,451,684
TOOLHOLDER FOR AUTOMATIC LATHES
Guillaume Ernest Mégel and Henri Mancia, Moutier, Switzerland, assignors of one-half to Usines Tornos Fabrique de Machines Moutier S. A., Moutier, Switzerland, a Swiss firm
Application April 15, 1946, Serial No. 662,249
In Switzerland April 11, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires April 11, 1965
2 Claims. (Cl. 82—36)

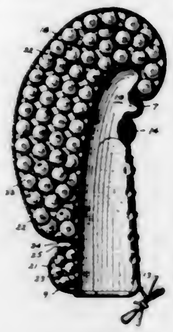


1. A tool holder for automatic lathes comprising a U-shaped slide, a tool supporting member pivotally mounted between the side members of said slide, means for pivotally mounting said supporting member on said slide comprising a tapped bushing in said supporting member and a fulcrum pin inserted therethrough, a micrometer screw on said fulcrum pin for adjusting said supporting member transversely of said slide, said supporting member having two holes on a side thereof arranged on opposite sides of said fulcrum pin, springs inserted in said holes, and adjusting screws in said slide abutting against said springs whereby tension of said springs may be adjusted for preventing transverse play of said supporting member.

2,451,685
BOXING GLOVE
Edward S. Mollanen, Oakland, Calif.
Application December 4, 1944, Serial No. 566,492
9 Claims. (Cl. 2—18)

1. In a boxing glove, a flexible outer casing, and a plurality of resiliently elastic and relatively un-

attached members enclosed in the casing in mutually free and contacting relation and cooperatively providing a compressedly yielding padding for the glove.



2,451,686

STARCH COMPOSITIONS CAPABLE OF FORMING WATER-SOLUBLE DERIVATIVES

Fredrik André Möller, Haren, near Groningen, and Jan Lolkema, Hoogezand, Netherlands, assignors to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands, a corporation of the Netherlands

No Drawing. Application March 28, 1946, Serial No. 657,898. In the Netherlands April 25, 1941
5 Claims. (Cl. 252—188.3)

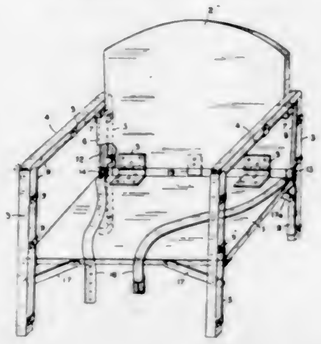
1. A starch product soluble in cold water, the solution of which when moderately heated will produce soluble starch derivatives of the group comprising starch ethers and starch esters consisting of a dry mixture of cold swelling starch, a reagent of the group comprising etherifying and esterifying agents and the proportion of alkaline substance necessary for effecting the reaction with the reagent in the solution.

2,451,687

COLLAPSIBLE CHAIR

Leycester W. Morris, Berkley, Mich.

Application October 4, 1944, Serial No. 557,067
10 Claims. (Cl. 155—148)



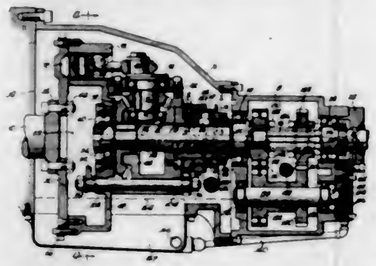
1. A collapsible chair comprising a seat, a pair of side frames each including a pair of front and rear leg-forming uprights and an arm rest interconnecting the paired uprights, means providing slidable and pivotal connections between the seat and uprights, means on the uprights for seating said connections and thereby imposing the weight of the seat and its occupant on the uprights, and a pair of links elongated transversely of the chair and forming swinging connections between the side frames and seat, and further forming braces in the use position of the uprights to maintain such position in conjunction with said slidable and pivotal connections and coacting with such connections to guide the side frames to collapsed positions of substantial parallelism with the seat.

2,451,688

HYDRAULIC CLUTCH AND VARIABLE-SPEED DRIVE

Cecil Harvey Myers and Hubert A. Myers, Chicago, Ill.

Application January 13, 1944, Serial No. 518,074
17 Claims. (Cl. 74—294)



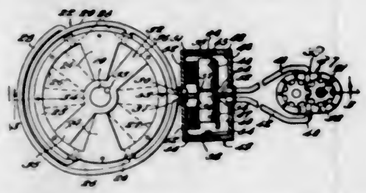
1. In a hydraulic clutch and variable speed drive, a power shaft, a flywheel assembly driven thereby and comprising cylinders, pistons therein, connecting rods, crank shafts and crank shaft gears rotatable as a unit, said cylinders being distributed around the axis of rotation of said power shaft, said connecting rods connecting said pistons with said crank shafts, a driven shaft having a gear meshing with said crank shaft gears, an oil chamber, balanced valve means interposed between said cylinders and said oil chamber for controlling the flow of oil pumped by said pistons to and from the oil chamber, said valve means comprising a plurality of radially slidable valves distributed around said axis of rotation and closable by centrifugal force, and means for synchronizing the movement of said valves.

2,451,689

VALVE ASSEMBLY FOR HYDRAULIC STEERING SYSTEMS

Everett E. Nelson, Litchfield, Minn.

Application March 16, 1946, Serial No. 654,911
2 Claims. (Cl. 137—69)



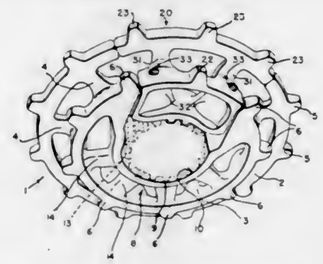
1. An automatic valve for an hydraulic system comprising a valve body having a longitudinal bore throughout its length forming a cylinder and spaced parallel bores on opposite sides of the cylinders, a partition wall separating the spaced parallel bores into longitudinally spaced chambers, an hydraulic fluid reservoir in the valve body above the bore and chambers, the bottom wall of the reservoir having a port adjacent each side of the partition wall establishing communication between the reservoir and the cylinder, the cylinder having ports adjacent the partition establishing communication with the respective longitudinally spaced chambers, check valves in the longitudinally spaced chambers in one of the spaced parallel bores on one side of the cylinder to permit flow of fluid toward respective ports, each spaced parallel bore having a wholly open port adjacent the partition wall and communicating at its opposite end with the cylinder, and a plunger slidable in the cylinder and having a groove midway of its length selectively to open or close the first and second mentioned ports.

2,451,690

TWO-PART SPROCKET

William P. Oehler, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application May 12, 1945, Serial No. 593,403
10 Claims. (Cl. 74—243)



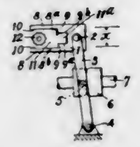
5. A two-part sprocket comprising a pair of complementary sprocket members adapted to be assembled about a shaft, cooperating interengaging means formed on said sprocket members and adapted to be brought into interengaging relation by an axial movement of one sprocket part relative to the other and, when engaged, being adapted to resist relative displacement in a generally radial direction, and means for holding said sprocket parts in engagement.

2,451,691

SYNCHRONIZING DEVICE

Leif Christian Olsen, Newcastle-on-Tyne, England

Application May 4, 1945, Serial No. 592,005
In Great Britain May 4, 1944
4 Claims. (Cl. 178—69.5)



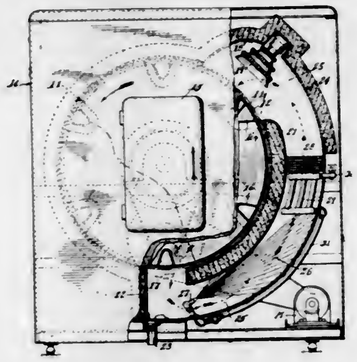
1. A telegraphic receiving instrument comprising a ratchet wheel adapted to accelerate or retard a synchronized shaft of the instrument according to the direction in which the wheel is turned, a dual pawl comprising two spaced limbs with a symmetrically spaced gap therebetween, providing a wider gap portion and a narrower gap portion, means to reciprocate said pawl in timed relation to said shaft and signal responsive means including a two-pronged spring tongue entering the gap in the pawl at right angles thereto, one of said prongs being flexed on such reciprocation and the other of said prongs entering the narrower gap portion, the actuation of said signal responsive means determining the path of the pawl during reciprocation to apply correctional movement to the ratchet wheel in the event of signals arriving out of synchronism.

2,451,692

CLOTHES DRIER

Merlin L. Pugh, Minneapolis, Minn.

Application February 19, 1946, Serial No. 648,729
8 Claims. (Cl. 34—74)



1. In a clothes drier, a casing having a clothes receiving opening in the front thereof, a drum rotatable in said casing and having a clothes receiving opening registering with the clothes receiving opening of said casing, means for rotating said drum, said drum being perforate to permit the circulation of air therethrough, a source of heat for heating the circulating air, a duct for air extending from adjacent the bottom of said drum to a location adjacent the top of said drum, and being in communication therewith at both ends, said source of heat also being disposed adjacent to the top of said drum, a cold water supply, a jet nozzle near the bottom of said duct for directing a cold water spray upwardly in said duct to forcibly circulate air from the bottom of said drum to the top thereof through said duct and to remove moisture and lint from the air so circulated and means for removing the water from the spray from the bottom of the casing.

2,451,693

SIGNAL DEVICE FOR FISHING TACKLE

Kenneth D. Richards, Gardner, Mass.

Application February 10, 1945, Serial No. 577,238
8 Claims. (Cl. 43—17)

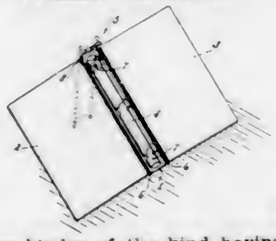
1. A device of the class described comprising a standard adapted to be set in upright position, a resilient signal, means to tension the signal, a shaft mounted on the standard, said signal being

rotatable with the shaft, a line, a reel, means to rotate the shaft by the reel as the line pays out,



said shaft being adapted to release the tensioned signal upon initial rotation thereof.

2,451,694
EASEL BOOK CONSTRUCTION FOR RING BOOKS OR LOOSE-LEAF BINDERS
Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application July 30, 1947, Serial No. 764,722
2 Claims. (Cl. 281—33)



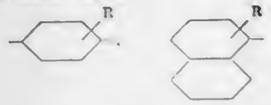
2. A ring binder of the kind having a back panel, hinged covers, and ring mechanism lying along and on the inside face of the back panel, with rivets fastening it near the ends and added to said ring binder an easel construction comprising a hinge plate of sheet metal having a portion extending across the upper margin of the back panel against its inside face and extending down far enough to be riveted to the back panel with one of the said rivets fastening said ring mechanism, side ears in the hinge plate extending against said mechanism to prevent the plate pivoting on said rivet, an upstanding flange at the upper end of said plate having hinge eyes bent at the upper edge of the flange, a stiff wire having bent ends passing through said eyes to hinge the wire on said flange, said ends having bent extensions to serve as hinge stops by abutment against the inside face of said flange, said wire being bent into an easel arm by extension to and down along the side edges of the back panel on the outside.

2,451,695
POLYAMIDES OF HIGH BIREFRINGENCE AND METHOD FOR OBTAINING SAME
Richard S. Schreiber, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 6, 1945, Serial No. 581,342
7 Claims. (Cl. 260—78)

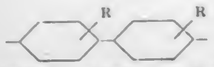
1. A polyamide consisting of the reaction product of a polyamide-forming composition comprising at least 20% by weight of a mixture in substantially equimolecular amounts of a dicarboxylic acid which has at least 4 chain carbon atoms between the carboxyl groups and in which the carboxyl groups are the sole reactive groups, and a diamine of the formula

$$H_2N—Ar—CH_2.CH_2—Ar—NH_2$$

in which Ar is a 1,4-arylene radical selected from the group consisting of

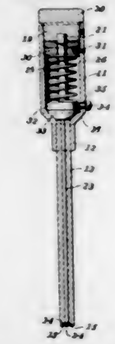


and



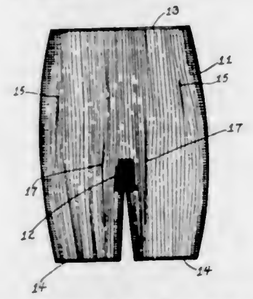
R being a substituent selected from the group consisting of hydrogen, alkyl groups containing not more than six carbon atoms, and alkoxy groups containing not more than six carbon atoms.

2,451,696
SCREW HOLDING SCREW DRIVER
Michael J. Sopcak, Midland, Mich.
Application December 1, 1944, Serial No. 566,091
2 Claims. (Cl. 145—50)



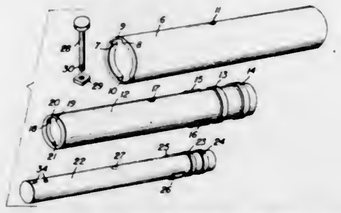
2. A screw-driver of the class described comprising an elongated hollow cylindrical handle having a bore internally screw-threaded and open at its normally upper end, the opposite end of said handle being circumferentially tapered and defining a correspondingly tapered end portion for the bore and merging into a centrally positioned and reduced hollow neck, a screw-driver shank fitted into and secured in said hollow neck, said shank having a central bore extending entirely therethrough, the outer end of said shank terminating in opposed kerf-engaging main bits, a plunger device, embodying an enlarged disc-like shoulder having a conical portion rotatably engaging the tapered end portion of the bore of said handle, having an integral stem extending downwardly from said shoulder and rotatably through the bore in said shank and terminating at its outer end in an auxiliary bit arranged between the first named main bits, said handle having an arcuately extending slot formed in the side, a finger-grip exteriorly disposed in respect to said handle and having a part extending interiorly into the handle by way of said slot and removably connected with a marginal portion of said shoulder, said stem having an enlarged integral upper end located and confined in said handle and projecting above said shoulder and having at its upper end a notch to accommodate a screw-driver, a coiled spring abutting and anchoring washer fixedly mounted in the upper end portion of said handle, the adjacent notched end portion of said stem extending slidably and rotatably through and above the washer, a coiled torsional spring confined in said handle and surrounding the enlarged portion of said stem, one end of said spring bearing upon said shoulder and being attached to said stem and the other end of said spring bearing against said washer and being secured to said washer, and a screw plug threaded into the screw-threaded end portion of the handle above the notched end of said stem.

2,451,697
UNDERGARMENT
Merle Speicher, St. Louis, Mo.
Application February 7, 1947, Serial No. 726,997
4 Claims. (Cl. 66—177)



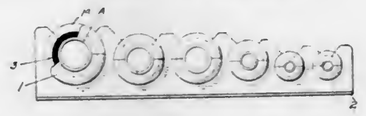
1. An elastic form fitting substantially seamless undergarment made of continuously knitted elastic yarn arranged in successive horizontal stitch courses, the courses being increased downwardly as to number of stitch loops therein at four substantially equally spaced points around the intermediate portion of the garment and being increased upwardly in stitch loops from certain symmetrically located points in the lower portion of the garment.

2,451,698
EXTENSION TONGUE
Dean E. Swinehart, Ravenna, Ohio
Application October 17, 1947, Serial No. 780,336
1 Claim. (Cl. 280—33.14)



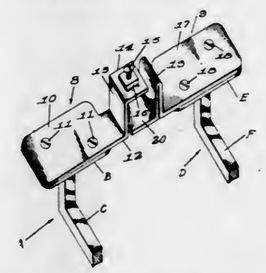
An extension tongue for trailers comprising a series of concentrically arranged telescoping tongue sections, means at the forward end of said inner section and at the rear end of said outer section for attaching the same respectively to a motor vehicle and to a trailer, means for locking said sections in telescoped position, annular bearing rings on the innermost sections slidably engageable with the inner walls of the surrounding outer sections, said outer sections being formed with cooperating oppositely disposed annular locking shoulders at their forward ends and diametrically opposed slots between said shoulders, and said inner sections being formed with oppositely disposed lugs on their rear ends slidable through said opposed slots.

2,451,699
SUPPORT
Stanley E. Twaroski, Los Angeles, Calif.
Application September 28, 1945, Serial No. 619,015
2 Claims. (Cl. 248—68)



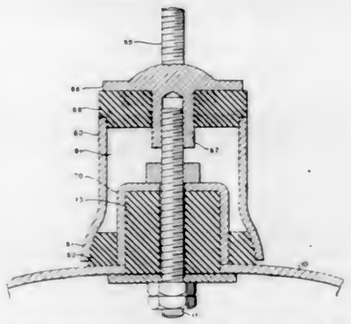
1. In a device for supporting cylindrical objects, a support bracket made from sheet material and having sunk in the edge thereof one or more grooves, each groove having an enlarged-circular bottom contracted at the upper portion thereof to form a neck, the groove having a second circular enlargement above said neck and a contraction at the upper part thereof to form a second neck, both necks being of a width snugly to pass the objects to be supported, in combination with soft resilient grommet-shaped centrally split sleeves seatable in said circular enlargements firmly to encompass the objects to be supported.

2,451,700
COMPANION CLUTCH AND BRAKE PEDAL FOR AUTOMOBILES AND THE LIKE
Ralph Van Trine, Durham, N. C., assignor of thirty per cent to Leona T. Van Trine and thirty per cent to Marian Van Trine Davis, Durham, N. C.
Application February 26, 1946, Serial No. 650,268
2 Claims. (Cl. 74—478)



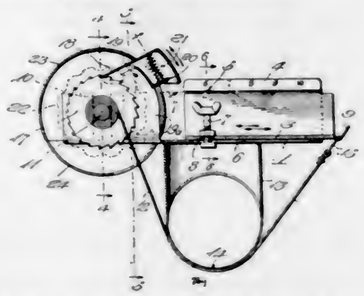
1. In combination, a clutch operating pedal, a brake operating pedal, an upstanding flange carried by the clutch operating pedal constituting a safety stop and to prevent accidental slippage of the left foot, and an upstanding safety stop flange carried by the brake pedal and located to prevent accidental slippage of the right foot, said flanges being disposed on adjacent marginal ends of the respective clutch and brake pedals, said first flange being provided with a horizontal actuating member, and said second flange being likewise provided with a horizontal thrust member, said members being disposed in superposed normally spaced parallelism.

2,451,701
TERMINAL REPLACEMENT FOR SEALED REFRIGERATION UNITS
William Wagner, Brooklyn, N. Y.
Application April 6, 1946, Serial No. 660,270
2 Claims. (Cl. 174—77)



1. A terminal replacement for a refrigeration unit which is hermetically sealed in a casing and whose original terminals extend through holes in said casing, each original terminal being protected by a collar affixed to said casing and surrounding said terminal, said terminal replacement comprising a sleeve whose lower end flares outwardly to form a skirt, said sleeve being disposed around said collar concentrically therewith, a substantially cylindrical washer disposed between said skirt and said collar, a ring-shaped washer mounted on the top of the sleeve and a nut engaging the original terminal and clamping the ring-shaped washer to the top of said sleeve and also clamping the skirted lower end of said sleeve against the cylindrical washer, and thereby clamping said cylindrical washer to said collar, said nut being provided with an upwardly extending threaded portion which constitutes the extension terminal of the refrigeration unit.

2,451,702
PIPE CLAMP
Frank G. Weigand, Mount Carmel, Ill.
Application March 12, 1946, Serial No. 653,818
3 Claims. (Cl. 113—102)



1. A pipe clamp comprising a frame, a member slidable on a portion of the frame, means for holding the said member in different positions of adjustment, a lug on the outer end of said member, a flexible pipe embracing element having a connection for anchorage to the lug, a shaft on which the pipe embracing element is wound for regulating its tension on the pipe sections, means for holding the shaft in different positions of adjustment, a housing for the shaft and said means, and a hand operated element on the shaft externally of the housing for rotating said shaft.

2,451,703
RESILIENT TANTALUM TUBES AND A PROCESS FOR MAKING SAME
Paul Alfred Weiss, Chicago, Ill., assignor to the United States of America as represented by the Secretary of War
No Drawing. Application May 2, 1945, Serial No. 591,641
12 Claims. (Cl. 128—334)

1. In a process for preparing resilient tantalum tubes from tantalum foil, the steps of forming a cylinder comprising overlapping turns of pliable tantalum foil, and heat treating said cylinder in a manner such that a heat gradient exists between the inner surface and outer surface of said cylinder, with the inner surface of the cylinder being the cooler surface, and the outer surface being the hotter surface, the said tantalum foil cylinder being heated to a temperature and time sufficient to produce a permanent cylindrical deformation of the foil, whereby the foil permanently retains a cylindrical tubular configuration.

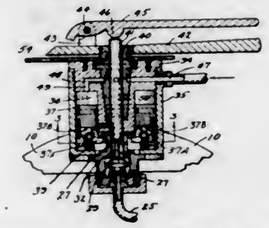
10. A sutureless joint adapted for use in joining severed nerve ends comprising a preformed tantalum cylinder having a thickness between 0.0004 and 0.00075 inch, said cylinder having overlapping longitudinal edges and a gradient of elasticity from the outer longitudinal edge to the inner longitudinal edge.

2,451,704
LIQUID LEVEL GAUGE
Howard L. Wood, Oskaloosa, Iowa
Application December 7, 1946, Serial No. 714,790
3 Claims. (Cl. 73—425.4)



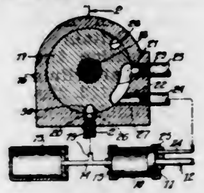
1. A gauge for indicating the level of liquid in a container between predetermined high and low liquid levels comprising, a large tube member closed at its bottom end and having a slot spaced from such bottom end, a small tube member slidable within said large tube having a transparent portion movable across said slot and an outer portion projected from the top end of said large tube, a body member mounted on the top end of said large tube having a bore therethrough, with the outer portion of said small tube being extended through the bore in said body member, stop means for limiting the slidable movement of said small tube member relative to said large tube member, means carried on said body member for yieldably moving and holding said small tube at a position extended outwardly from said large tube, with said small tube being movable within said large tube, against the action of said yieldable means, to close said slot, and means for supporting the gauge within said container such that said slot extends between said predetermined high and low liquid levels.

2,451,705
CONTROL DEVICE FOR HYDRAULIC STEADY-REST CHUCKS
Russell Sandford Adair, Youngstown, Ohio
Application September 29, 1947, Serial No. 776,841
4 Claims. (Cl. 279—4)



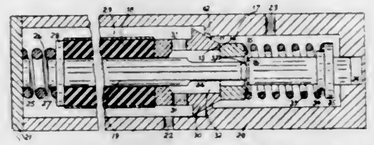
1. A hydraulic steady rest chuck having movable work engaging members and a piston and cylinder assembly for actuating the same, a remote source of fluid pressure and means for detachably connecting the said remote source of fluid pressure with the said piston and cylinder assembly, said means including a fitting formed in the said hydraulic steady rest chuck and a valve body for detachable connection therewith, the said fitting being in communication with the said piston and cylinder assembly and the said valve body being in communication with the said source of fluid pressure, valve means formed in the said fitting and secondary valve means formed in the said valve body, said secondary valve means including a reciprocally positioned plunger for actuating the first mentioned valve means, and a rotary valve element for controlling the said fluid pressure applied to the said fitting.

2,451,706
DRIVE CONTROL FOR AIR POWERED APPARATUS
Francis M. Aimes, Yonkers, N. Y.
Application November 20, 1943, Serial No. 511,163
5 Claims. (Cl. 121—38)



5. The combination with an apparatus employing a piston driven in a cylinder in the power stroke of the apparatus by air under high pressure introduced into one end of the cylinder, a storage chamber spaced with respect to said cylinder and of a capacity substantially equal to the capacity of said cylinder, means comprising a unitary rotatable valve movable into different positions for transmitting the air introduced into the first named end of the cylinder to said storage chamber in one position of said valve and then in another position of said valve to transmit air from the first named end of the cylinder into the other end of the cylinder and to said storage chamber to drive the piston in the opposite direction in said cylinder, and means including said valve in another position thereof for exhausting air from the cylinder to atmosphere in both movements of the piston in the cylinder.

2,451,707
VALVE ARRANGEMENT
Fullerton George Gordon Armstrong, Molescroft, Beverley, England
Application March 14, 1944, Serial No. 526,425
In Great Britain January 28, 1944
1 Claim. (Cl. 236—93)

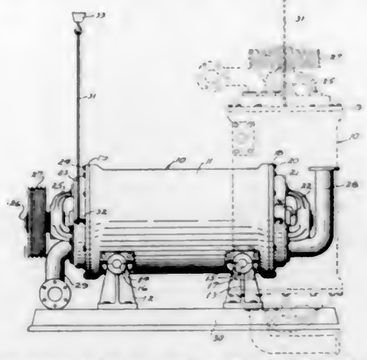


An assembly of two oppositely acting pressure release valves for controlling the flow of fluid, comprising in combination a hollow casing internally divided into two parts by a valve seat defining a port and having a connection for fluid into each of said parts, a spindle having an abutment and a leak orifice defining surface thereon extending from one part of the casing into the other part thereof, a member having a valve head complementary to the valve seat aforesaid and a valve seat coaxially formed on the member with respect to said head with means to conduct fluid through the member to the valve seat thereof carried by and displaceable along the spindle, a thermal responsive tubular element having a coefficient of thermal expansion different from that of said casing and from that of said spindle surrounding the spindle and having its ends respectively in contact with said abutment and said member, an element displaceable along said spindle having a valve head complementary to the valve seat on said member and having a leak orifice defining surface coacting with the aforementioned leak orifice defining surface of the spindle to define a leak orifice between said casing parts at least whilst the said valve element is in contact with the said member, spring means carried by the spindle urging said valve element along the spindle towards the valve seat on said member whereby the pressure exerted by the said spring means on said valve element when said valve element and said member are in any given relative position is varied in accordance with temperature and likewise the leak orifice is varied in size in accordance with temperature whilst the said valve element is in contact with the said member, and a second spring means acting between the casing and the spindle urging the spindle together with the thermal responsive element and said member towards a position wherein said member makes contact with the valve seat in the casing whereby the pressure exerted by the second spring means on the spindle when the valve head of said member and the valve seat of the casing are in any given relative position is varied in accordance with temperature.

2,451,708
ROTARY REFINER
Edmund P. Arpin, Jr., Neenah, Wis.
Application December 16, 1944, Serial No. 568,513
7 Claims. (Cl. 92—26)

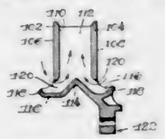
3. In a rotary refiner including a rotor, a shaft, a pair of heads fixed thereon, rods extending be-

tween said heads, and refining elements pivotally mounted from said rods for radially outward swinging movement, means for limiting such outward movement comprising a disc freely mounted on said shaft, a cleat secured to said disc for



adjustment substantially radially thereof and a shoe fixed to the free end of each of said elements and provided with an offset portion for engagement with said cleat to limit the radially outward movement of said free end of each element.

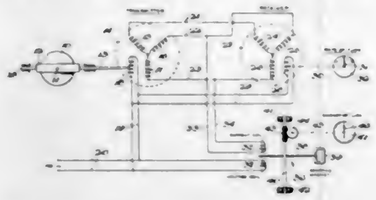
2,451,709
COOLED BRAKE ROTOR
Walter H. Baselt, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application January 1, 1944, Serial No. 516,677
15 Claims. (Cl. 188—264)



15. In a brake rotor, a brake ring comprising a plurality of spaced annular plates defining a fluid chamber therebetween, blades extending between said plates, and a hub member comprising a web V-shaped in radial cross-section connected to the radially inner extremity of said blades, said web being spaced from the inner perimeter of said ring to provide fluid inlet passages communicating with said chamber and being formed to direct fluid through said passages, said web extending axially outwardly of said ring at opposite sides thereof.

2,451,710
ORIENTATION SYSTEM
Paul F. Bechberger, Tenafly, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware
Application November 3, 1944, Serial No. 561,809
2 Claims. (Cl. 33—204)

1. In combination, a two-degree-of-freedom gyroscope having a rotor mounted for spinning about one axis and for precession about a second axis perpendicular to the spin axis, electromagnetic means having a closed circuit and an energized movable part connected for operation by precession of said gyroscope and inductively coupled with said circuit whereby said circuit develops a counter force proportional to the rate of turn for opposing gyro precession and a current flows in said circuit proportional to the rate



of turn, and means coupled with said circuit for deriving the amount of turn from the rate of turn.

2,451,711
SAND PAIL
Samuel L. Beder, New York, N. Y., assignor of one-half to Irwin F. Mills Associates, New York, N. Y., a partnership
Application December 22, 1945, Serial No. 636,741
8 Claims. (Cl. 46—46)



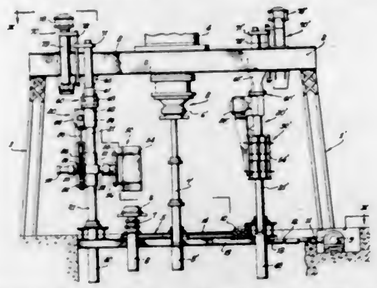
1. A device as described consisting of a pail, frusto-conical in configuration, a dish-shaped sifter also frusto-conical in shape frictionally seated concealedly in said pail and having a central tubular hub, a plurality of sector-shaped sand molds nested around said hub and snugly received in said sifter, and a shovel lodged in said pail beneath said sifter and having a handle protruding into and through the tubular hub of said sifter above said pail.

2,451,712
ACROLEIN AND ETHYLENE BY PYROLYSIS OF DIHYDROPYRAN
John George Mackay Bremner and David Gwyn Jones, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application August 9, 1944, Serial No. 548,804. In Great Britain August 10, 1943
3 Claims. (Cl. 260—601)

1. A process for simultaneously producing producing acrolein and ethylene which comprises flowing 2,3-dihydropyran through a heated reaction space at a temperature of 450° to 500° C. at a space velocity of about 0.5 volume of liquid dihydropyran per volume of reaction space per hour and cooling the effluent and separating acrolein from the resulting condensate.

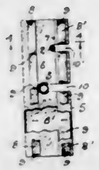
2,451,713
SEWER PIPE OFF-BEARING AND FINISHING MACHINE
Davis Brown, Los Angeles, and John D. Rossier, Compton, Calif.; said Rossier assignor to said Brown
Application November 5, 1945, Serial No. 626,752
22 Claims. (Cl. 25—40)

1. In a machine for handling unburned clay pipe, the combination of: a vertically movable assembly adapted to remove pipe from a forming device, said assembly including a clamp arranged to virtually encircle and grasp the pipe; means for raising and lowering the assembly; a releasable block for preventing premature upward movement of the assembly; an inverter for the clamp adapted to rotate about a horizontal axis; a turning mechanism for alternately moving the



assembly about a vertical axis from one to another of two predetermined positions; means for releasing the block and means actuating the releasing means when the clamp is actuated; an actuating mechanism for operating the turning mechanism and the inverter when the assembly is raised; and means actuated by turning of the assembly to a discharge position for sequentially lowering the assembly and opening the clamp.

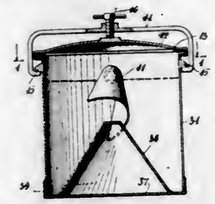
2,451,714
ABSORBENT DRIP PAD FOR TOILET TANKS
Robert C. Buffham, Racine, Wis.
Application December 6, 1944, Serial No. 566,906
1 Claim. (Cl. 4—252)



As a new article of manufacture, a flush tank absorbent pad, comprising a flexible sheet folded upon itself to form a double thickness, a pair of spaced parallel longitudinally disposed waterproof adhesive strips secured to the upper face of the pad adjacent the edges of the same, the pad being provided with spaced slots interrupting one of the adhesive strips, the said strips being adapted to engage the bottom of a flush tank whereby minute air channels are formed between said pad and flush tank bottom.

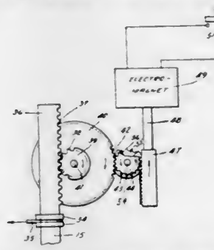
2,451,715
INJECTOR APPARATUS
William E. Caldwell, New York, N. Y., assignor to Carman & Co., Inc., New York, N. Y., a corporation of New York
Application September 14, 1945, Serial No. 616,252
3 Claims. (Cl. 259—4)

1. Injector apparatus comprising a casing, a tapered core projecting upwardly in the central portion of the casing from the lower end thereof, an inlet nozzle communicating with the interior of the casing and discharging in a tangential direction around the lower portion of the core, an outlet having greater capacity than the inlet nozzle formed in the casing above the core, and a baffle disposed around the upper portion of the outlet and extending downwardly around the sides and



front thereof to a point beneath the lowermost point of the outlet and terminating at its lower end in an opening facing in an opposite direction to the direction of discharge of the inlet nozzle.

2,451,716
MECHANISM FOR STUD WELDING GUNS AND THE LIKE
Albert M. Candy, La Grange, Ill., assignor, by mesne assignments, to National Cylinder Gas Company, Chicago, Ill., a corporation of Delaware
Application September 28, 1946, Serial No. 700,054
16 Claims. (Cl. 219—4)



1. In stud welding apparatus wherein a stud to be welded to a work piece is held in a stud welding machine and is arranged to be withdrawn therefrom a short distance by longitudinal movement of a shaft in response to energization of motor means to strike a welding arc between the stud and the work piece, in combination, a driven rack secured to and movable with said shaft, a driving rack arranged to be operated by said motor means, and gear means for operatively interconnecting said racks, said driving rack having a plurality of sets of teeth thereon in staggered relation and the gear means for engaging the same having a plurality of sets of teeth in the same staggered relation and being normally out of engagement therewith and arranged to engage the same on energization of said motor means whereby said engagement takes place after a minimum of movement of said driving rack.

2,451,717
BENDING BALL ARBOR
Frank M. Check, Sr., Stratford, Conn.
Application June 21, 1946, Serial No. 678,430
4 Claims. (Cl. 153—63)

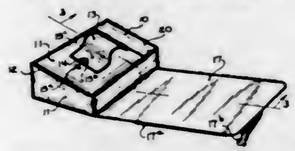
1. A bending ball arbor, comprising a plurality of balls of substantially toroidal configuration, said balls each being formed with an axial bore therethrough, a plurality of links received in said bores, pins extending through said links to connect adjacent links together, the free ends of said pins extending laterally outwardly of each

side of said links, and said bore of each ball being formed with a pair of diametrically-opposed longitudinally extending grooves, each of said



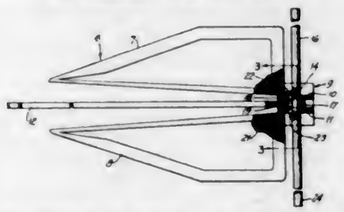
grooves being closed at one end, and said free ends of a pin being received in each pair of grooves.

2,451,718
BABY BOTTLE HOLDER
Beatrice M. Corrao, Brooklyn, N. Y.
Application August 10, 1945, Serial No. 610,032
3 Claims. (Cl. 248—105)



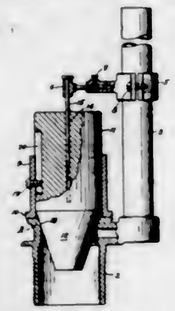
1. A practical baby nursing bottle holder comprising in combination: a wedge shaped cushion providing an inclined resting place for a baby bottle and a sleeve attached to a top wall of said cushion on one side and attachable to the same top wall on the other side by means of adjustable fastening means, said wedge shaped cushion having an elongated flexible film extension flap which can be put below an infant's body while said infant is nursing.

2,451,719
ANCHOR
Richard S. Danforth, Berkeley, Calif.
Application January 13, 1945, Serial No. 572,635
11 Claims. (Cl. 114—208)



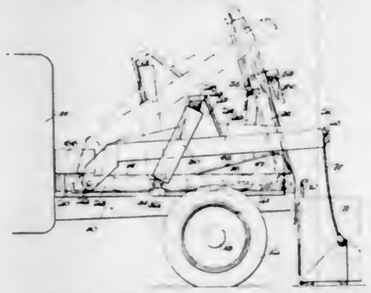
1. An anchor of the twin fluke type comprising a shank having a forward and an after end, a pair of flukes, a crown at the after end of the flukes, a stock, said crown and said shank each having an aperture therein to pass said stock whereby the stock provides a pivotal support for the shank and flukes, said stock having a first projection and a second projection thereon spaced apart substantially the width of the crown, said first projection being of a larger size than said second projection, a radial slot formed along a side of said aperture in said crown and in said shank and of a size sufficient to pass only said second projection upon insertion of the stock into the crown and movement of the stock in the crown until said first projection engages a side of said crown and said second projection is substantially in engagement with the opposite side of said crown, said radial slot being at an angle in said crown to the plane of the flukes and at an angle to the longitudinal axis of said shank, each of said angles being substantially equal to one another and the sum of said angles being greater approximately than said fluke angle, as herein defined.

2,451,720
CENTERING DEVICE
Thomas J. Davis, San Francisco, Calif.
Application June 7, 1946, Serial No. 675,277
1 Claim. (Cl. 33—180)



A device for centering an adjustable overhanging valve stem guide bearing with relation to a valve seat comprising a cylindrical sleeve having an outturned flange at one end forming a planar collar adapted to rest upon the valve seat, a centering plug having a cylindrical upper portion fitting within said sleeve and a frusto-conical lower portion adapted to engage the interior surface of the valve seat, said plug having an axial bore extending partially therethrough and opening at the upper end thereof, a centering pin axially withdrawable from said plug and adapted to be inserted in the adjustable guide bearing and into said axial bore, and means for limiting the rotational and axial movement of said plug relative to said sleeve.

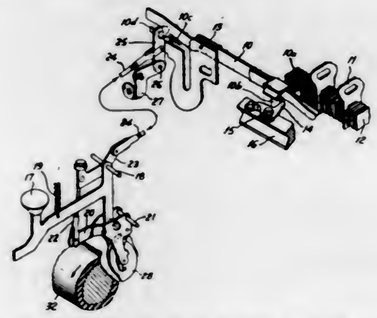
2,451,721
TRANSPORTING AND DUMPING EQUIPMENT
George R. Dempster, Knoxville, Tenn.
Application February 19, 1945, Serial No. 578,714
6 Claims. (Cl. 214—77)



1. In apparatus of the character described, in combination with a base frame providing fore and aft extending tracks, a carriage mounted on said tracks, mechanism for moving said carriage forwardly and rearwardly on said tracks, skid frames mounted on said carriage, said skid frames

providing a pair of tracks, an extension frame mounted on said last named tracks and having an upper transverse member, ball guide members respectively projecting upwardly from said carriage between said last named tracks and projecting downwardly from said transverse member, means mounted on said carriage and operatively connected to said transverse member for moving said extension frame on said last named tracks, and means for raising and lowering a load with respect to said skid frames and extension frame in all positions of the latter.

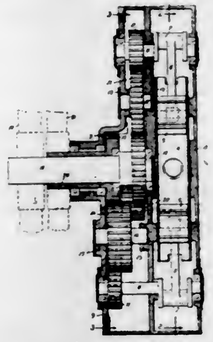
2,451,722
POWER-OPERATED SKIP TABULATING MECHANISM FOR TYPEWRITING MACHINES
Ronald D. Dodge, Poughkeepsie, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application February 24, 1945, Serial No. 579,556
4 Claims. (Cl. 197—177)



1. In combination with a carriage, tabulating mechanism including a column stop and a counter stop, one of which stops is movable into the path of the other, and including means to hold the movable stop in the path of the other during a tabulating movement of the carriage, said means being releasable by engagement of the column stop and counter stop; power mechanism for moving the movable stop into the path of the other, including a power device connected to the movable stop and held in an operated position by the movable stop while the carriage is being tabulated; and a key for controlling said power device, said power device including an element actuated by the key for causing a single operation of the power device and preventing a second operation thereof when said key is only momentarily depressed, and for permitting a second operation of the power device when said key is held depressed long enough to permit release and return of said power device from operated position following the said single operation thereof.

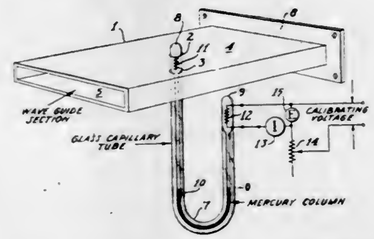
2,451,723
GEARING CONNECTING OPPOSITELY ROTATING SHAFTS
Harold Stanley Eagle, Strathfield, near Sydney, New South Wales, Australia
Application March 4, 1944, Serial No. 525,072
In Australia March 4, 1943
1 Claim. (Cl. 74—389)

In combination a pair of mutually contra rotatable power shafts, a pair of mutually contra rotatable driven shafts, means for transmitting rotation from the power shafts to the driven shafts and for synchronising the rotation of said power shafts, said transmitting means including a gear on each power shaft, an idler gear in mesh with each power shaft gear, a gear fixed upon each driven shaft, one driven shaft gear meshing



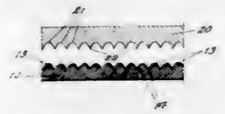
with one idler gear and the other driven shaft gear meshing with the other idler gear, and an overlapping idler gear in mesh with one of the first mentioned idler gears and with one of the driven shaft gears.

2,451,724
SUPER HIGH FREQUENCY WATTMETER
John Evans, Hightstown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Original application August 31, 1943, Serial No. 500,605, now Patent No. 2,427,094, dated September 9, 1947. Divided and this application December 6, 1945, Serial No. 633,201
2 Claims. (Cl. 171—95)



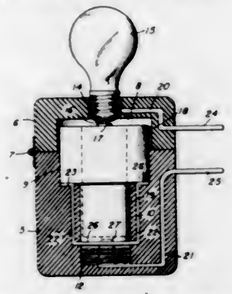
1. Apparatus for measuring microwave energy in a waveguide transmission system comprising a first resistive element for translating said microwave energy into heat energy, capillary tube means including a first enlarged portion enclosing said element and extending within said waveguide system and including an indicating liquid column having its position determined by gas pressure responsive to said heat energy, a second resistive element enclosed within a second enlarged portion of said tube external of said waveguide system, an adjustable source of electrical energy for energizing said second resistive element to oppose changes in position of said liquid column by gas pressure responsive to the heat generated in said second element, and calibrated means for adjusting said source to provide comparative indications by the position of said liquid column of the energy applied to each of said resistive elements.

2,451,725
METHOD OF MAKING A STRUCTURAL UNIT
Albert W. Franklin, New York, N. Y., assignor of one-half to Jacob Poster, Brightwaters, N. Y.
Original application March 24, 1945, Serial No. 584,523. Divided and this application July 28, 1945, Serial No. 607,605
1 Claim. (Cl. 29—155.5)



A method of producing an article of manufacture from a non-metallic base sheet and a sheet of metal superimposed thereon consisting of the single operational step of applying a force to shear the metal sheet along a plurality of parallel lines to form a plurality of parallel strips, the shearing action cutting into the base sheet, and sequentially to the completion of the shearing action to bend the strips to form them into non-planar cross sectional shape whereby they are spaced, the planar width of said strips being equal to the distance between the center lines of any adjacent pair of strips.

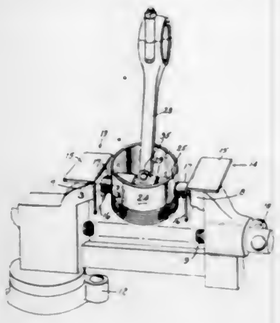
2,451,726
DRY CELL DEPOLARIZING AND RECONDITIONING DEVICE
Donald R. Fry, East Greenbush, N. Y.
Application January 27, 1948, Serial No. 4,687
6 Claims. (Cl. 320—4)



6. In a dry cell depolarizer and reconditioner device, a closable container with a movable lid both provided with cavities, adapted to accommodate dry cells to be reconditioned, contact means in said lid and container, adapted to come into electric contact with the cell electrodes upon closure of the lid, and contact making connector elements on said closable container and movable lid, adapted to be brought into a parallel relation and to be inserted into a standard connector upon closure of the container.

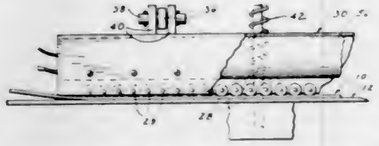
2,451,727
PISTON PIN HOLDER ATTACHABLE TO CONVENTIONAL VISE JAWS
Charles Richard Garland, Hollywood, Calif.
Application June 16, 1947, Serial No. 754,905
2 Claims. (Cl. 81—38)

1. Piston mounting means comprising similar members adapted to be mounted on the jaws of a vice, each member comprising an element having a horizontally disposed plate for engagement with the top of a vise jaw and an integral vertically disposed plate for engagement with the clamping face of said vise jaw, the latter plate of each element having a hole therethrough, a cylindrical element having a reduced neck shorter than the thickness of the vertical plates and positioned in the hole of each plate, each cylindrical



element having a cylindrical body extending from the respective vertical plate, and a reduced conical end projecting from the cylindrical body and defining an annular shoulder therebetween, said conical ends, in operative position being opposed for end engagement with the wrist pin of a piston.

2,451,728
HEAT-SEALING APPARATUS
Arthur A. Gardner and John G. MacCormack, New York, N. Y., assignors to Breslee Mfg. Company, New York, N. Y., a copartnership
Application April 17, 1945, Serial No. 588,826
1 Claim. (Cl. 154—42)

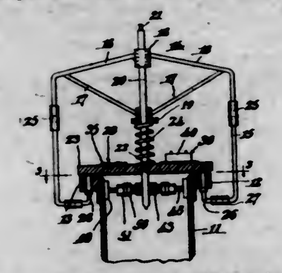


In heat-sealing apparatus, upper and lower endless movable bands having adjacent and confronting longitudinally extending companion runs between which the heat sealable material is engaged during the travel of said bands, a housing positioned in the space between the upper and lower runs of the upper band, a bracket mounted for pivotal movement and pivotally connected to said housing, a plurality of rollers carried by said housing and engaging the lower run of said upper band, a heater in said housing for heating said rollers whereby to heat said rollers for heating said lower run of said upper band, and spring means connected to said housing for pressing the rollers against said lower run of the upper band.

2,451,729
FLANGE FACING TOOL
Ulrick K. Gardner, Montgomery, Ala.
Application October 19, 1944, Serial No. 559,465
4 Claims. (Cl. 51—241)

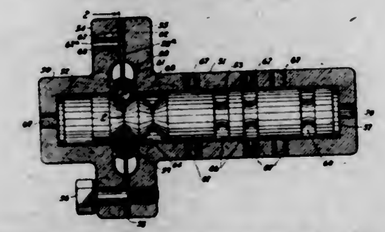
1. In a flange facing tool, a bracket, extensible arms projecting from said bracket, longitudinally extensible claw members at the ends of said arms, bearings centrally aligned in said bracket and disposed parallel with said arms, a shaft rotatably mounted in said bearings, a plate secured

to said shaft, dressing tools carried by said plate, and an expansion spring encircling said shaft



and interposed between said plate and one of said bearings.

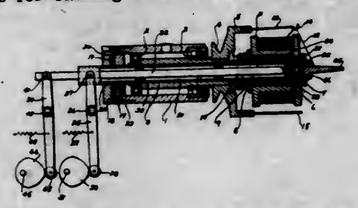
2,451,730
DETENT MEANS
Harry R. Greenlee, Indianapolis, Ind., assignor to The Studebaker Corporation, South Bend, Ind., a corporation of Delaware
Original application May 15, 1944, Serial No. 535,587. Divided and this application May 2, 1946, Serial No. 666,664
14 Claims. (Cl. 74—527)



1. A shift mechanism comprising a housing having a bore therein and an annular recess opening into said bore, a shift rod mounted for sliding movement in the bore of said housing, said rod having an annular groove and an annular coil spring disposed about said rod and confined in the recess of said housing against movement axially of said rod, said annular coil spring being of a diameter to extend normally into a groove of said rod to prevent normally sliding movement of the latter, and diaphragm means in the recess of said housing for applying force to said annular coil spring.

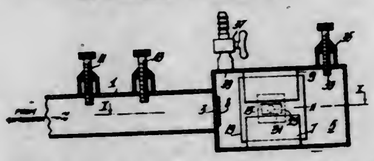
2,451,731
STRAND COILING AND WINDING APPARATUS
Daniel E. Hennessy, Petersham, Mass., assignor to Springfield Wire and Tinsel Company, West Springfield, Mass., a corporation of Massachusetts
Application November 19, 1945, Serial No. 629,324
4 Claims. (Cl. 140—71)

1. In a strand coiling apparatus of the type comprising a non-rotating polygonal tapered mandrel having an outwardly curved heel, a wire-supplying spool mounted for rotation about the axis of the mandrel, a flyer eye rotatable about the axis of the mandrel, guiding the wire from the spool to the mandrel and of sufficiently small size to act as a curling edge, and means for keeping the wire taut; a sleeve surrounding the mandrel between the mandrel and the spool and having a free end positioned in the path of the wire between the flyer eye and the mandrel to direct the wire to the heel of the mandrel, and means for causing relative axial movement be-



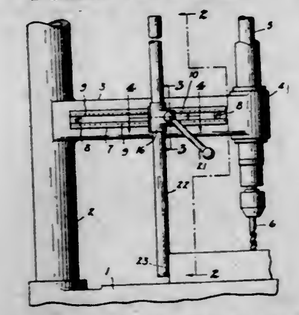
tween the sleeve and the mandrel during rotation of the flyer eye to control the place of engagement of the wire with the heel of the mandrel.

2,451,732
MICROWAVE-ABSORPTIVE GAS LIGHT VALVE
William D. Hershberger, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 15, 1944, Serial No. 540,428
19 Claims. (Cl. 88—61)



1. A radiant energy variable prismatic device comprising a conductive chamber for enclosing a microwave energy absorptive gas, means for introducing microwave energy into said chamber to establish therein a microwave field to excite molecular resonance in said gas for varying the radiant energy refractive and density properties of said gas in response to energy absorbed by said gas, and means for directing a beam of radiant energy through said gas in a direction transverse to the microwave electric field in said gas to refract said beam as a function of the intensity of said field.

2,451,733
WORK POSITIONER
John Hochwarder, Cleveland, Ohio
Application November 29, 1945, Serial No. 631,534
1 Claim. (Cl. 248—121)



A combination with a vertical standard, an arm extending horizontally from the standard having a vertical spindle bearing portion at its

outer end, said arm having a longitudinal undercut channel in a side face thereof, an adjusting device comprising a holder having a rigid base portion overlying said channel and grooved to slidably receive said arm, said holder having an integral portion extending outwardly from the base and provided with a vertical opening through it adjacent its outer end and a vertical slot extending the length of the opening at one side to provide a clamping flange normally spaced from the body of the holder, a head slidable in said channel, a bolt attached to the head and extending through said base, outwardly extending portion and clamping flange, a work positioning member having a stem slidable in said opening, and a nut threaded on the outer end of the bolt and engaging said clamping flange.

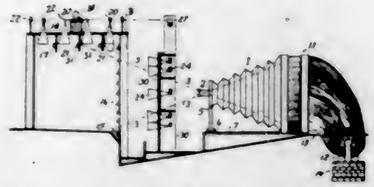
2,451,734

METHOD OF AND MEANS FOR THE TRANSMISSION AND REPRODUCTION OF OPTICAL AND ACOUSTICAL EFFECTS

Edwin Hopkins, New York, N. Y.

Original application January 26, 1922, Serial No. 531,990, now Patent No. 2,056,967, October 13, 1936. Divided and this application May 26, 1941, Serial No. 395,264

3 Claims. (Cl. 178—5.6)



3. In an apparatus of the class described for the transmission and reproduction of optical effects a whirling cell bank as set forth in claim 2 adapted to rotate, and a motor for producing such rotation fitted with means for electrically maintaining synchronism in another motor adapted to operate means for reproducing optical effects from electrical variations originating in optical effects.

2,451,735

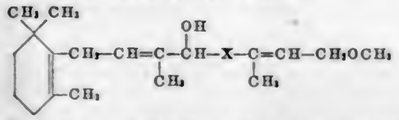
POLYENES AND PROCESS FOR THE MANUFACTURE THEREOF

Otto Isler, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application October 16, 1946, Serial No. 703,483. In Switzerland October 18, 1945

12 Claims. (Cl. 260—611)

1. The compound of the formula



wherein X is selected from the group consisting of the radicals —CH=CH— and —C≡C—.

12. A process which comprises hydrogenating 1-alkoxy-3,7-dimethyl-6- hydroxy - 9 - trimethylcyclohexenyl-nonadiene-(2,7)-yne-4 to the corresponding triene-(2,4,7) and treating said triene with a minor amount of iodine to effect molecular rearrangement and dehydration to the corresponding ether of vitamin A.

2,451,736

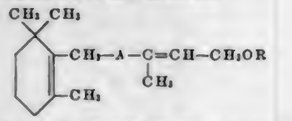
POLYENES AND PROCESS FOR THE MANUFACTURE THEREOF

Otto Isler, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

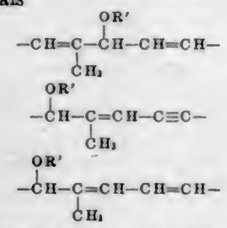
No Drawing. Application October 16, 1946, Serial No. 703,484. In Switzerland October 18, 1945

10 Claims. (Cl. 260—611)

1. A compound of the formula



wherein A is selected from the group consisting of the radicals



and R is selected from the group consisting of alkyl, aryl and aralkyl radicals and wherein R' is a member of the group consisting of acetyl and benzoyl.

5. A process of treating an ether of 1-hydroxy-3, 7 - dimethyl-6-hydroxy-9-trimethyl-cyclohexenyl-nonadiene-(2, 7)-yne-(4) to produce a vitamin A ether, which process comprises a partial hydrogenation to convert the triple bond to a double bond and an allyl rearrangement effected by the action of an agent selected from the group consisting of halides and anhydrides of acetic, benzoic and phthalic acids, these two steps being employed successively.

2,451,737

PROCESS FOR THE MANUFACTURE OF PENTAENES

Otto Isler, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application February 10, 1947, Serial No. 727,733. In Switzerland October 18, 1945

6 Claims. (Cl. 260—611)

1. A process which comprises treating a member secured from the group consisting of alkyl, aryl and aralkyl 1 - ethers of 1 - hydroxy - 3,7-dimethyl - 6-hydroxy-9-trimethyl-cyclohexenyl-nonadiene-(2,7)-yne-(4) with a minor amount of iodine to effect molecular rearrangement and dehydration to the corresponding 1-ether of 1-hydroxy-3,7-dimethyl-9-trimethyl-cyclohexenyl-nonatriene-(2,6,8)-yne-(4).

2,451,738

PROCESS FOR THE MANUFACTURE OF PENTAENES

Otto Isler, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application February 10, 1947, Serial No. 727,734. In Switzerland October 18, 1945

9 Claims. (Cl. 260—611)

1. A process of treating a member selected from the group consisting of alkyl, aryl, and aralkyl 1-ethers of 1-hydroxy- 3,7 -dimethyl-6-hydroxy-9-trimethyl - cyclohexenyl - nonadiene - (2,7)-yne-(4) which comprises a partial hydrogenation to convert the triple bond to a double bond and an allyl rearrangement effected by means of a carboxylic acid selected from the group consisting of formic acid, glycolic acid, phthalic acid, trichloracetic acid, malonic acid, oxalic acid and salicylic acid, these two steps being employed successively.

2,451,739

PROCESS FOR THE MANUFACTURE OF PENTAENES

Otto Isler, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application February 18, 1947, Serial No. 729,399. In Switzerland October 18, 1945

Section 1, Public Law 690, August 8, 1946

Patent expires October 18, 1965

21 Claims. (Cl. 260—617)

19. Process which successively comprises the steps of hydrogenating and rearranging and dehydrating a compound from the group consisting of 1-hydroxy-3,7-dimethyl-6-hydroxy-9-[2',6',6'-trimethyl - cyclohexene - (1') - yl] - nonadiene - (2,7)-yne-(4) and 1-acetoxy-3,7 - dimethyl - 6 - hydroxy-9-[2',6',6'-trimethyl - cyclohexene - (1')-yl]-nonadiene-(2,7)-yne-(4).

2,451,740

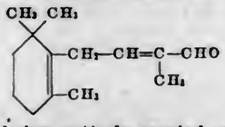
PROCESS FOR THE MANUFACTURE OF AN ALDEHYDE

Herbert Lindlar, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application June 7, 1947, Serial No. 753,279. In Switzerland December 24, 1946

13 Claims. (Cl. 260—598)

2. A process which comprises condensing β-ionone with a halogeno acetic ester and reacting the condensation product with an alkaline agent to produce a compound of the formula:



said process being entirely carried out at a temperature not in excess of 50° C.

2,451,741

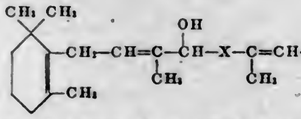
PROCESS FOR THE MANUFACTURE OF UNSATURATED COMPOUNDS

Walter Huber, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application June 13, 1947, Serial No. 754,594. In Switzerland December 31, 1946

7 Claims. (Cl. 260—611)

1. Process for the manufacture of unsaturated compounds, comprising reacting a compound of the formula



wherein X stands for a radical selected from the group consisting of —CH=CH— and —C≡C—, and R represents a low alkyl radical, with an iodo-compound easily splitting off iodine in order to bring about allyl rearrangement and dehydration.

2,451,742

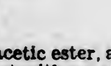
PROCESS FOR THE MANUFACTURE OF ALDEHYDES

Herbert Lindlar, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application August 13, 1948, Serial No. 44,223. In Switzerland October 14, 1947

1 Claim. (Cl. 260—598)

Process which comprises condensing an ionone, other than β-ionone, and having the characteristic side chain



(lower alkyl) with a halogeno acetic ester, and reacting the condensation product with an alkaline agent to produce a corresponding butene-(2)-al-(1) having the characteristic corresponding side chain —CH_2—CH=C(lower alkyl)—CHO, said process being entirely carried out at a temperature not in excess of 50° C.

2,451,743

POWDERED POLYTHENE

Kenneth Barry Jarrett, Welwyn Garden City, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application August 1, 1944, Serial No. 547,645. In Great Britain September 17, 1943

6 Claims. (Cl. 260—94)

1. A process for embrittling polythene, having initially a melt viscosity of about 330 poises at 190° C., which comprises admixing about 100 parts by weight of the said polythene with about 10 parts by weight of methylated spirits, thereafter mechanically distintegrating the resultant mixture in an enclosed space, and drying the resultant product.

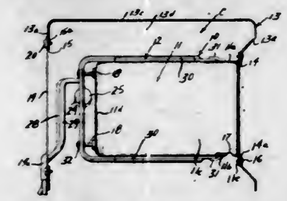
2,451,744

REFRIGERATOR LINER EVAPORATOR

Bernard C. Johnson, Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan

Application June 10, 1946, Serial No. 675,582

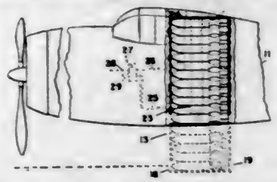
6 Claims. (Cl. 62—126)



1. In combination, a cabinet having front and rear walls with openings bounded by marginal flanges, a canister type liner in said cabinet having an open front with an outturned mounting flange therearound mating with the marginal flange around the opening in the front wall of the cabinet, means securing the mounting flange of the liner with said marginal flange around the opening in the front wall of the cabinet, a heat exchange unit insertable through the opening in the rear wall of the cabinet in telescoped

snug engagement on said liner, tubes secured to said unit for circulating fluid therethrough, and an embossed removable cover overlying the marginal flange on the rear wall of the cabinet for closing the opening in said rear wall and receiving said tubes through the embossed portion thereof.

2,451,745
ROCKET LAUNCHING DEVICE
Carl H. Jolly, United States Navy
Application June 13, 1945, Serial No. 599,294
1 Claim. (Cl. 89—1.7)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



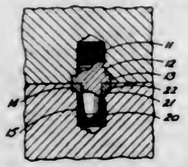
A missile launching device for airplanes comprising an open bay in an airplane, a vertically movable rack in said bay, said rack comprising a plurality of containers spaced from each other, each container being rectangular in cross-section and rigidly mounted on a common base plate, a plurality of missiles vertically positioned in each of said containers, an opening in each of the forward and aft walls of said containers adjacent said base plate, a piston rod rigidly mounted on said base plate of such length to house said rack within the airplane in one position and to place said openings in said rack beyond the propeller arch in line of travel parallel to the airplane thrust line in a second position, a cylinder in axial alignment with said piston rod, a piston fixed to the free end of said piston rod and slidably mounted in said cylinder, an opening in each end of said cylinder, conduit means for placing one of said openings in communication with a source of fluid under pressure and the other of said openings in a discharge outlet, and reversing valve means operably connected to said conduit means for reversing the flow of fluid through said openings.

2,451,746
FEVER THERMOMETER
Kathryn M. Keller, Elizabeth H. Keller, and Anne H. Keller, Chicago, Ill.
Application November 26, 1945, Serial No. 630,952
1 Claim. (Cl. 73—373)



A fever thermometer comprising a glass tube containing a thermosensitive fluid and a bored transverse member of glass for rotating the glass tube, the surface of the bore of which intimately engages the entire circumferential surface of the tube adjacent an end thereof, said tube and transverse member being permanently joined at such engaging surface.

2,451,747
DOWELED STRUCTURE
Ernest T. Kindt, Lakewood, Ohio
Application March 23, 1945, Serial No. 584,396
2 Claims. (Cl. 22—110)

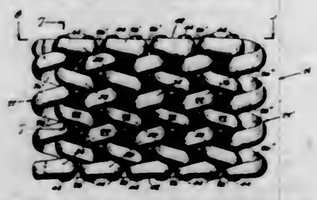


1. In combination, two parts of a divided pattern or the like and two elements of a dowel pin set, the elements comprising a bushing and a pin engaging within the bushing, each element being fitted in one of the parts, each element being formed with a shoulder, a pilot bearing adjacent thereto, and a threaded terminal portion for retention of the element in the part, the part being formed with a bore dimensioned to fit closely the pilot bearing and an abutment for the shoulder, and with threads dimensioned to receive the terminal portion with sufficient clearance to avoid interference by the terminal portion with the alignment of the element in the part.

2,451,748
OXIDATION INHIBITOR FOR FATS AND OILS
Henry R. Kraybill and Buell W. Beadle, Chicago, Ill., assignors, by mesne assignments, to A. W. Brickman, Victor Conquest, Frank J. Madden, Wrisley B. Oleson, and Emery T. Filbey, all of Chicago, Ill., as trustees for the benefit of American Meat Institute Foundation
No Drawing. Application June 20, 1945, Serial No. 600,647
6 Claims. (Cl. 99—163)

1. A material normally subject to the deteriorating effect of oxidative rancidity due to its content of a compound of the group consisting of fatty acids and glycerides of fatty acids containing a fractional percentage of NDGA ranging from .001% to .01% and phosphoric acid in a quantity not exceeding .02%.

2,451,749
BRACELET OR THE LIKE AND METHOD OF MAKING THE SAME
Leslie Kreisler, Teaneck, N. J., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J., a corporation
Application May 31, 1946, Serial No. 673,691
12 Claims. (Cl. 63—4)



1. A flexible bracelet band, comprising a series of alternate, oppositely directed spiral elements

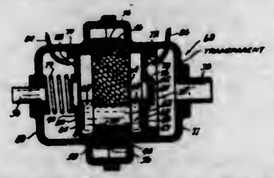
arranged side-by-side with the convolutions of adjacent elements in meshed relation, the intermeshed convolutions of adjacent elements being at each of their intersections mutually deformed into mutual limited interlocked relation to prevent substantial relative movement between said adjacent elements, other than restricted relative pivotal movment therebetween about axes parallel to their longitudinal axes, and means extending through the intermeshed convolutions of adjacent elements, respectively, said means positively holding adjacent elements in said meshed and relatively pivotal relation.

2,451,750
BRACELET AND METHOD OF MAKING SAME
Leslie Kreisler, Teaneck, and John G. Siska, Cresskill, N. J., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J., a corporation of New Jersey
Application August 23, 1946, Serial No. 692,617
6 Claims. (Cl. 63—4)



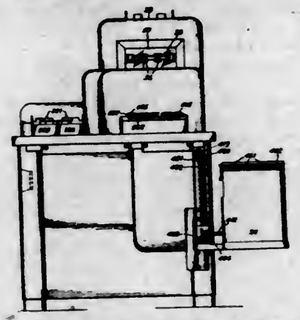
1. A bracelet band, comprising a series of alternate, oppositely directed spiral elements arranged side by side with the convolutions of adjacent elements in meshed relation, the intermeshed convolutions of adjacent elements being at each of their intersections mutually deformed into mutual interlocked relation to prevent substantial relative movement between said adjacent elements, said interlock between the intermeshed convolutions of adjacent elements solely holding the latter against separation.

2,451,751
SWITCH DEVICE
Carl G. Kronmiller, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application May 19, 1944, Serial No. 536,234
5 Claims. (Cl. 200—152)



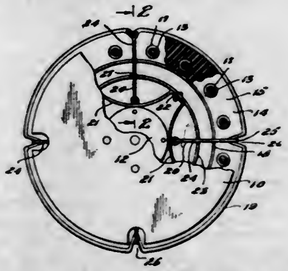
1. In a switch device of the class described, a transparent casing, and a cylindrical mercury switch which is operative by rotation on its longitudinal cylindrical axis positioned within said casing, biasing means within said casing and abutting said mercury switch to cause said switch to move in unison with said casing in response to movement of said casing, a tool receiving portion on said mercury switch to provide means for manual rotation of said switch independent of said casing, said casing having an aperture adjacent said tool receiving portion to provide access for insertion of a tool, the transparency of said casing providing for visual observation of the position of said switch with respect to said casing during the period of manual rotation whereby said switch may be manually rotated to an operative position without respect to the position of said casing.

2,451,752
RECORD PUNCHING MACHINE
Clair D. Lake, Binghamton, and Francis E. Hamilton, Endicott, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application August 24, 1946, Serial No. 692,758
56 Claims. (Cl. 164—113)



1. In a card punching machine, the combination of a magazine for holding a supply of cards, means for successively feeding said cards to a visible station with written data on each card exposed and held to the view of the operator, and thereafter to a punching station, a storage unit including columnar arranged data storage setup means, a keyboard comprising keys operated by the operator according to data written on the card, means controlled by said keyboard to set up said data setup storage means in columnar succession, for representing said written data, card punches of a punching means at said card punching station, and means controlled by said storage unit effective upon completion of the setting up of the data corresponding to matter written on a card to select said punches to punch a data representation on the card in the punching station corresponding to its written data.

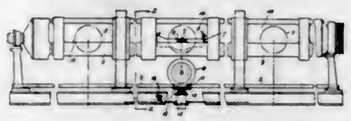
2,451,753
ABRASIVE WHEEL WITH FLEXIBLE RESILIENT RIM
Miles E. Landau, Brooklyn, N. Y.
Application October 15, 1947, Serial No. 780,025
6 Claims. (Cl. 51—194)



3. In an abrasive wheel, a hub having side plates disposed in spaced relation to provide a

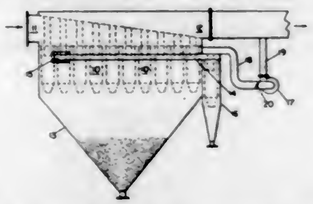
circumferentially extending space therebetween, a flexible resilient tread of annular formation mounted between the side plates with the outer peripheral portion thereof protruding beyond the peripheries of said plates, said side plates having arcuately spaced trunnions extending through apertures in the tread for loosely supporting the tread thereon between the said plates and permitting radial movement of the tread, and an annular spring band freely arranged between said side plates in surrounding relation with the hub on which the inner periphery of the tread is resiliently supported.

2,451,754
LOADING AND UNLOADING DEVICE FOR WIRE STRANDING, ROPE, AND CABLE MAKING MACHINES
Allin Larmuth and Leonard James Larmuth, Worsley, England
Application November 14, 1945, Serial No. 628,424
In Great Britain December 13, 1944
4 Claims. (Cl. 57—54)



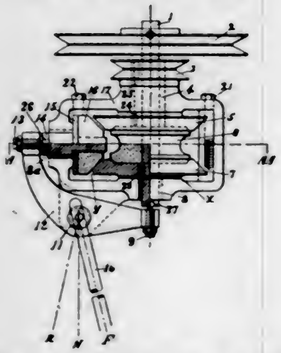
1. A wire stranding, or rope, or cable, making machine, comprising a rotatable tubular frame, bearings supporting said frame, means for rotating said frame, bobbin supports in said frame, a track below said frame on which bobbins can be run to positions, said frame having openings below said bobbin supports to allow access from below to said bobbin supports, transverse members across said track below each of said bobbin supports, platforms carrying said transverse members, a power lifting device below said platform and supporting it, by which bobbins on said transverse members can be raised to, and lowered from, said bobbin supports in said frame.

2,451,755
DUST COLLECTOR
Leonard Lee, Glasgow, Scotland, assignor to James Howden & Company Limited, Glasgow, Scotland, a British company
Application August 7, 1947, Serial No. 766,943
In Great Britain November 4, 1946
3 Claims. (Cl. 183—83)



1. In a multi-cell dust collector having a structure including a hopper for the reception of and collection of separated dust, a plurality of dust separator cells within the structure and mounted for the discharge of separated dust directly into the hopper, a dusty gas inlet conduit for supplying dusty gas to the structure and arranged to distribute dusty gas to the separator cells, a clean gas outlet conduit connected into said structure and arranged to receive clean gas from each of the separator cells, an independent dust separator exterior to said structure, at least one conduit between said independent separator and a point of said structure adjacent to the position of the inlet conduit and arranged to receive gas discharged from the separator cells into the hopper from a position above the collected dust in the hopper, a gas circulating fan, and conduits connecting the fan with said independent separator and with the clean gas outlet conduit, the fan and the conduits associated therewith being arranged to draw gas from the hopper to the independent separator and to draw clean gas from the independent separator and discharge it into the clean gas outlet conduit.

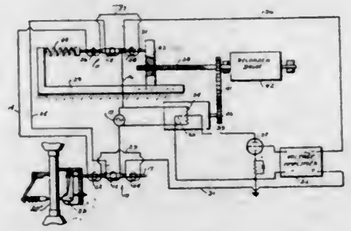
2,451,756
SPINDLE REVERSING DEVICE FOR DRILL PRESSES
Paul M. Lloyd, Glendale, Calif.
Application December 28, 1945, Serial No. 637,704
1 Claim. (Cl. 74—265)



In a spindle-reversing device, the combination of a housing, driving and driven shafts co-axially aligned and journaled in said housing, two oppositely disposed beveled disc elements upon said driving shaft, one mounted securely to the driving shaft, the other attached to a driven sleeve member rotatable co-axially with said driving shaft and extending along said driving shaft through a housing bearing to receive a securely attached sheave, a beveled composition friction member interposed between said beveled disc elements. a second beveled composition member being mounted securely on a free running shaft within a third bearing in said housing at right angles to driving shaft, said beveled member and free running shaft being free longitudinally to engage with beveled disc elements when pressure is exerted on said free running shaft parallel to the axis of said third bearing, thereby, actuating said beveled disc elements in contrary rotation, and means applied manually and variably upon the driving shaft to effect the engagement and disengagement of said beveled friction member with disc elements.

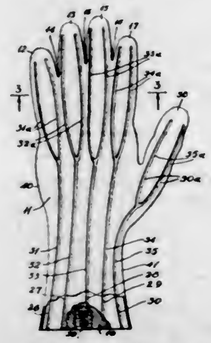
2,451,757
MOTION RECORDING APPARATUS
William D. Macgeorge, Drexel Hill, Pa., assignor to The Baldwin Locomotive Works, a corporation of Pennsylvania
Application July 18, 1944, Serial No. 545,498
3 Claims. (Cl. 318—28)

1. An electrical follow-up system comprising a network including a first and a second "microformer," each "microformer" comprising a primary coil and a pair of relatively oppositely wound secondary coils juxtaposed to relatively spaced by and in axial alignment with the primary coil, and a core common to and relatively movable axially of the coils of each "microformer," the network including means joining the respective secondary coils of both "microformers" in series, means in the network joining the respective primary coils in series with a source of alternating current so that the current through both primary coils is identical, a multiple phase motor having



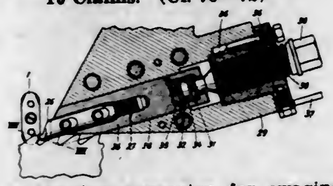
one of its winding continuously connected to and energized by current from the same source which supplies said primaries and other of its windings having a continuous connection to said secondaries so as to be responsive to an unbalance created by movement of the core of one "microformer" toward unbalance of the network, means for axially moving a core of one "microformer" to establish such unbalance, and means operably coupling said motor and the core of the other of said "microformers" to move said last mentioned core proportionally to the movement of the first mentioned core toward balance of the network.

2,451,758
RUBBER GLOVE
Henry Maim, New York, N. Y.
Application October 30, 1945, Serial No. 625,520
7 Claims. (Cl. 2—168)



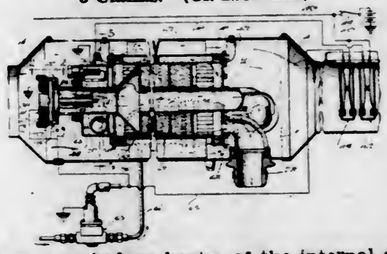
1. A rubber glove comprising wrist, finger and thumb portions, the finger portions of the glove having short ends and being joined by web portions forming, within the glove between adjacent fingers, inwardly of the finger tips, air spaces, and means comprising inwardly extending ribs opening through the edge of the wrist portion and extending to the short finger ends to circulate air to said spaces when the glove is on the hand.

2,451,759
SWAGING APPARATUS
Gottfried Maurer, Zurich, Switzerland, assignor to A. Müller A.-G. Brugg, Brugg, Switzerland, a joint-stock company of Switzerland
Application March 1, 1944, Serial No. 524,607
In Switzerland January 19, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires January 19, 1963
10 Claims. (Cl. 76—72)



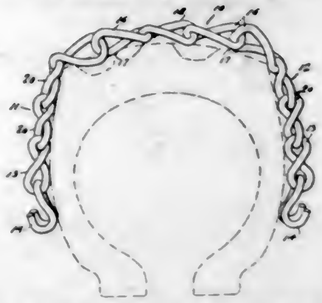
3. In a swaging apparatus for swaging saw teeth, a frame, a mould comprising two individual side sections and an individual back section cooperating with said side sections, the faces of said side sections lying in front of each other having the form of the side faces of the teeth to be swaged, said back section having a face of the form of the back of the teeth to be swaged in order to form a rest support for said back, a lever mounted on said frame carrying one of said side sections, a driving means in cooperation with said lever for approaching the side section on said lever to the other side section for clamping fast a tooth between said side sections, and a stamp for swaging the front face of the teeth, slidably mounted on said frame to carry out rectilinear movement and organised to be moved toward and away from the open side of said mould.

2,451,760
AIRCRAFT HEATER WITH COMBUSTION AIR CONTROL
Henry J. De N. McCollum, Chicago, Ill.; Thelma McCollum, executrix of said Henry J. De N. McCollum, deceased, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application August 2, 1943, Serial No. 496,975
3 Claims. (Cl. 126—116)



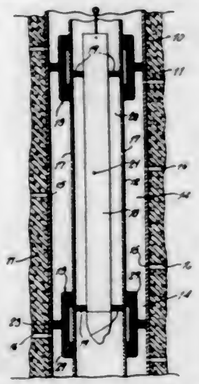
1. In an airplane heater of the internal combustion type having a combustion chamber and a heat exchanger, the combination of unitary blower means for supplying ventilating air to the heat exchanger and additionally to supply combustion air to the combustion chamber, a valve normally preventing flow of the combustion air, and remote control means to open said valve to permit said unitary blower means simultaneously to supply ventilating and combustion air, said last named means including a thermostat responsive to the temperature of the heater and operative to cause closure of the valve independently of the continued operation of said blower means.

2,451,761
ANTISKID CROSS CHAIN
William A. Miller, Buffalo, and Robert E. Gerspacher, Kenmore, N. Y., assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y., a corporation of New York
Application October 7, 1943, Serial No. 505,344
3 Claims. (Cl. 152—243)



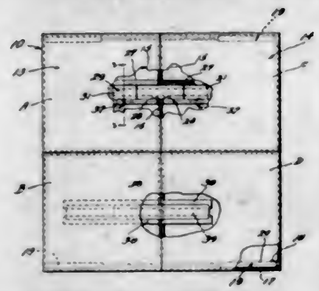
2. In combination with a vehicle tire, a cross chain comprising links defining a traction section for engagement with the tread portion of the tire, an anchoring section at each end of said cross chain, and a tilt limiting section connecting said traction section with each of said anchoring sections and lying against a side wall portion of the tire, each link of said traction section having a relatively wide and twisted form, said traction section normally lying in substantially flat contact with the tread of the tire and movable to tilt about the longitudinal axis of the chain toward a substantially radially projecting attitude relative to the tire tread thereby increasing the cleat effect thereof while twisting the tilt limiting and anchoring sections to remove slack from the chain until further tilting movement of said traction section will be resisted.

2,451,762
PACKING RING
Charles V. Millikan, Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y., a corporation of New Jersey
Application July 4, 1945, Serial No. 603,127
6 Claims. (Cl. 166—10)



1. A packing ring comprising a flexible resilient sleeve having an integral flexible resilient peripheral flange, an annular recess in the inner surface of said sleeve, passageways leading to said recess from the exterior surface of said sleeve at either side of said flange, and means for preventing fluid flow from said recess through said passageways while permitting flow in the reverse direction.

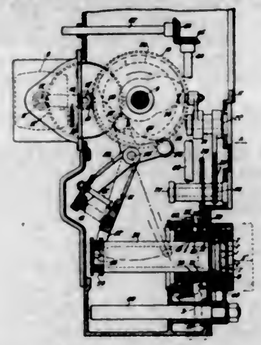
2,451,763
FOLDING TABLE WITH SECTIONAL TOP
Michael J. Misko, Inglewood, Calif.
Application January 25, 1946, Serial No. 643,393
6 Claims. (Cl. 311—89)



1. A folding table comprising a top divided along two right angularly related lines to form four sections, hinge means disposed on one of said lines and coupling the sections together in pairs to form the top in two portions, the sections of one portion being foldable against the sections of the other portion along one of said lines, a pair of opposed guides carried by adjacent sections of the two portions and alined transversely of the other one of the two division lines, a hinge bar slidably supported between the said guides and across the division between the two portions and comprising a long center part and end parts each hingedly connected to an end of the center part, a sliding coupling between opposite longitudinal edges of each end part of the hinge bar and a pair of guides of one section whereby the center part of the hinge bar may be disposed in a position between the two table portions upon separation of one portion from the other, means for locking the end parts of the hinge bar to the guides when the two table portions are moved together on the hinge bar, means for establishing a rigid connection between the other two sections of the two table portions when the portions and sections are in a common plane, and a leg carried by each of said sections.

2,451,764
FUSE SETTING APPARATUS
Desmond Walter Molins, Valentine Pearce Harvey, James Arthur Mason, and Gordon Francis Wellington Powell, Deptford, London S. E. 8, England, assignors to Molins Machine Company Limited, Deptford, London S. E. 8, England
Application November 24, 1942, Serial No. 466,808
In Great Britain June 18, 1941
14 Claims. (Cl. 89—6)

1. Fuze-setting apparatus comprising the combination of a rotatable fuze-engaging element mounted for axial reciprocation into and out of setting engagement with the movable fuze-element of a round, a fixed stop whose position determines the beginning of rotational setting movement of the fuze-engaging element, an adjustable control member, a stop which is carried by said adjustable control member and whose momentary position determines the end of rotational setting movement of the fuze-engaging element, rotatable driving means, means operable to stop said driving means after the latter has rotated a predetermined constant amount, means operated by said driving means for reciprocating the fuze-engaging element, and means driven by the driving means to rotate the fuze-engaging element to set the fuze after the



fuze-engaging element has reached the end of its outward stroke and before the commencement of its return stroke, said driven means comprising a clutch device having a movable member adapted to engage the stop carried by the adjustable control member and to be moved thereby to break the rotational drive to the fuze-engaging element.

2,451,765
FILLER REINFORCING MEANS AND GUARD FOR MECHANICAL PENCILS
John L. Morton, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 5, 1946, Serial No. 701,501
4 Claims. (Cl. 120—9)



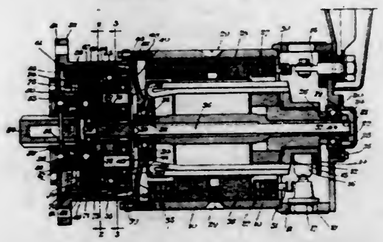
1. In a mechanical pencil of the character described, a ferrule having a central bore extending therethrough, a crayon stick disposed in said bore, means for feeding said stick to project the same from or to withdraw the same into said ferrule, a reinforcing sleeve slidably disposed in said bore and surrounding said stick and movable from an advanced position wherein a relatively short length thereof projects beyond the end of said ferrule to a retracted position wherein it is substantially fully withdrawn into the latter, and means yieldingly maintaining said sleeve in its advanced position, said sleeve being adapted when the crayon stick is projected a slight distance beyond the end of said ferrule to substantially conceal the stick and to become at least partially retracted against the action of said yielding means to expose the writing point of the stick when writing pressure is applied to a writing surface by the writing end of the pencil.

2,451,766
DENTAL APPLIANCE
Francis J. Moylan, Scranton, Pa.
Application June 17, 1947, Serial No. 755,068
5 Claims. (Cl. 32—19)



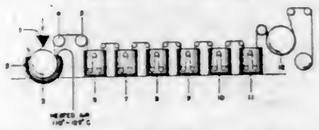
5. In a device of the class described, comprising a plate carried by the maxilla and a plate carried by the mandible, a capsule mounted on one of said plates and comprising an inverted cup and a cup slidably telescoping therewith and having a spring interposed therebetween normally biasing the cups away from each other, spaced annular shoulders on said inverted cup and latch means carried by said cup and engaging said shoulders to latch the cups in contracted or expanded position, said latch means comprising semi-circular, flat, leaf springs encircling the cup member and having one end secured thereto, the free ends of said springs carrying latching detents projecting through said cup and into the path of movement of said shoulders.

2,451,767
COMBINED STARTER AND GENERATOR
Romeo M. Nardone, Teaneck, N. J., assignor to Joseph J. Mascuch, Milburn, N. J.
Application June 5, 1946, Serial No. 674,546
6 Claims. (Cl. 74—6)



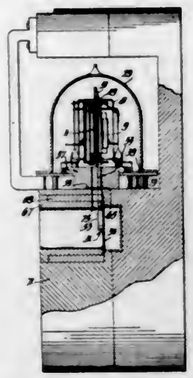
1. In a combined starter and generator, an electric motor, a starter unit attached thereto and directly coupled to the engine, a gear train comprising a plurality of planetary gears rotated by the electric motor, means within the starter unit consisting of an internally geared barrel member in mesh with the said gears, and means comprising a plurality of clutch discs mounted upon sprags, said sprags being journaled upon a tubular support member within the said starter unit to prevent the said barrel from rotating, to transmit the torque from the said gear train to the engine and means to drive the electric motor from the engine once said engine is operating under its own power.

2,451,768
REGENERATED CELLULOSE FILM MANUFACTURE
James Burton Nichols, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application March 13, 1945, Serial No. 582,583
7 Claims. (Cl. 18—57)



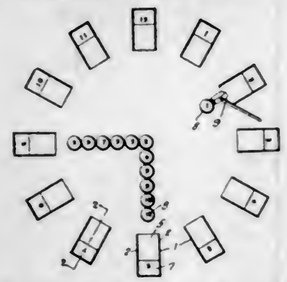
1. A process for preparing regenerated cellulose film from viscose which comprises extruding viscose on a support to form a viscose film, drying the viscose film in a stream of inert gas heated to a temperature of from 75° to 150° C., and circulating at a speed of at least 400 feet per minute with respect to the film until the water content of the film is reduced to less than 45% by weight before irreversible gelation takes place, and thereafter subjecting said film to the action of a non-swelling liquid regenerating medium until regeneration of the cellulose is substantially complete.

2,451,769
ELECTRONIC SYSTEM FOR MEASURING MICROWAVE TRANSMISSION THROUGH A WAVE GUIDE
Lowell E. Norton, Princeton Junction, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 11, 1945, Serial No. 598,740
5 Claims. (Cl. 171—95)



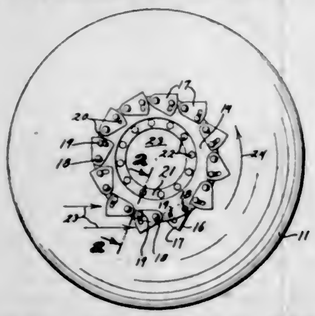
5. A system for measuring microwave transmission through a waveguide including an electro-mechanical device comprising an evacuated envelope, said envelope enclosing an electron source, means for focusing electrons from said source to form a flat beam, an anode, a fixed apertured shielding electrode disposed between said focusing means and said anode, said electrode aperture being in the plane of said beam, a movable electron shutter element disposed between said focusing means and said apertured electrode in the plane of said beam for selectively shielding said anode from electron irradiation, and electron beam deflecting means disposed adjacent said beam between said source and said shutter element for providing adjustment of the plane of said beam, and means including a flexible diaphragm forming a portion of said envelope coupled to means disposed externally of said envelope for moving said element to selectively expose said anode to said electron irradiation whereby said anode current is a function of the displacement of said externally disposed means, means for connecting said anode to an external device, a flexible conductive section of the wall of said waveguide movable in response to microwave stresses therein, and means coupling said flexible waveguide section to said externally disposed means whereby said anode current is a function of said microwave transmission.

2,451,770
GAME OF THE BALL AND MALLET TYPE
Norman M. Parke, Jacksonville, Fla.
Application February 18, 1946, Serial No. 648,271
2 Claims. (Cl. 273—127)



1. Game comprising a plurality of ball traps and an equal number of balls of uniform size, each ball trap comprising a receptacle having a bottom, side walls, and an intervening end wall, and being open at one end, said bottom comprising a portion upwardly inclined from said open end having its higher end terminating intermediate the length of said bottom, and a depressed portion beyond said higher end defining with said side walls and end wall a dwell for a ball, the diameter of the balls relative to the length and width dimensions of the dwells being such that a dwell can be occupied by only one ball at one time.

2,451,771
PREROTATION MEANS FOR AIRPLANE LANDING WHEELS
James F. Perkins, Oakland, Calif.
Application March 4, 1946, Serial No. 651,700
2 Claims. (Cl. 244—103)



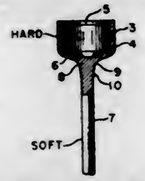
1. A prerotation device for attachment to an airplane wheel comprising an annular auxiliary frame the outer peripheral portion of said frame

spaced laterally from a side wall of a tire mounted on said wheel, a series of pairs of side members at each side of the frame and pivoted thereto, the side members having slots therein, pins on the frame and projecting through the slots, and vanes opposite the outer periphery of the frame and connecting the pairs of side members, each said pair of side members and a connected vane forming a pivotally mounted bucket-like member to entrap air during a part of the rotative travel of the wheel to which the device is attached.

2,451,772
SOLUBILIZATION OF RUTIN WITH METHYL GLUCAMINE
Mikhail B. Plungian, Philadelphia, Pa., assignor to Temple University, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application December 27, 1946, Serial No. 718,589
3 Claims. (Cl. 167—65)

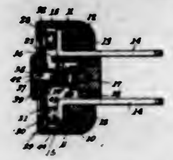
1. A therapeutic product consisting of a methyl-glucamine complex of rutin characterized by its high degree of stability and high therapeutic value and non toxicity.

2,451,773
TERMINAL CONNECTION AND METHOD OF MAKING THE SAME
Noel J. Poux, Meadville, Pa.
Application February 2, 1945, Serial No. 575,890
3 Claims. (Cl. 173—324)



1. A terminal connection of the class described comprising a one-piece metallic body member having a hollow relatively thin-walled cylindrical cap portion with an elongated solid wire-like extruded lead portion integrally arranged therewith and extending outwardly therefrom, said cap portion being work hardened so as to be relatively tough and hard and said lead portion being relatively soft and flexible as a result of extruding.

2,451,774
COMBINED CONNECTING PLUG AND FUSE
Samuel J. Richter, New York, N. Y.
Substituted for application Serial No. 364,089, November 2, 1940. This application September 24, 1946, Serial No. 698,903
5 Claims. (Cl. 200—115.5)



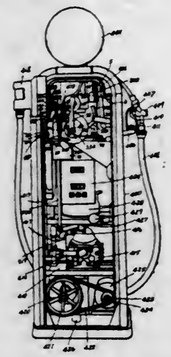
1. In a connecting plug of the character described, a cup shaped housing having a threaded recess therewithin, a binding post having a threaded recess in its end arranged within the threaded recess in the housing, and a cover arranged over the open end of the said housing, said cover having a layer of fusible material having exposed portions, a screw passing freely through the said cover contacting the said layer of fusible material and engaging within the threaded recess in the said binding post to permit free rotation of the cover over the said housing.

2,451,775
HOLDER FOR INDIVIDUAL STENCILS AND THE LIKE
Harrison Rober, La Crescenta, Calif.
Application August 6, 1945, Serial No. 609,056
7 Claims. (Cl. 101—128)



1. A sign making device comprising an elongated holder formed of sheet material doubled laterally upon itself, said doubled material being bent at an angle along its length to provide a pair of engageable angular surfaces between which a stencil or the like is insertible and means for tightly confining the stencil between said surfaces.

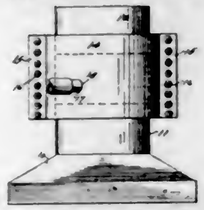
2,451,776
PREDETERMINED STOP DISPENSING MECHANISM OF COIN AND MANUAL CONTROLLED TYPE
Leo E. Rush, West Lafayette, Ind., assignor to Gasoteria Corporation, Buffalo, N. Y., a corporation of New York
Application December 30, 1939, Serial No. 311,734
41 Claims. (Cl. 194—90)



1. In a liquid dispensing apparatus, the combination of a source of liquid supply, a pump having the suction side thereof connected to said source of liquid supply, a meter connected to the outlet side of said pump, a computer connected to and operable in accordance with meter operation, a dispensing line connected to the meter discharge, a valve included in said dispensing line and controlling the dispensing of said line, means automatically rendering said apparatus inoperative and closing said valve when a predetermined amount of liquid has been dispensed, and coin actuated means for controlling in terms

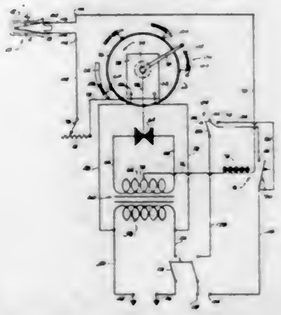
of cost the predetermined amount of liquid to be dispensed and operatively associated with said last mentioned means, said coin actuated means including a predetermined stop mechanism movable in accordance with the control coin value to insure delivery of an amount corresponding to the value of the coin, said mechanism being reversely movable through the computer movement for cessation of dispensing.

2,451,777
COMBINATION JACK AND CONCRETE FORM
Miguel Salas, Chihuahua, Mexico
Application September 6, 1946, Serial No. 695,197
3 Claims. (Cl. 25—131)



3. A concrete form and hydraulic jack, comprising two spaced, cylindrical blocks of concrete or similar material, a removable cylindrical sleeve for reception of said blocks in spaced alignment, said sleeve consisting of a plurality of segments provided with abutting longitudinal flanges, threaded bolts to fasten said flanges together, a conduit in one of said segments to admit fluid concrete under pressure to the space between said blocks, a valve to prevent the return of the fluid concrete when being supplied to said space, means to reinforce the concrete blocks and the poured concrete, and means to tie the sections of the completed column together.

2,451,778
THERMOTEMPORAL RESPONSIVE DEVICE
William Sambur, Jamaica, N. Y.
Application November 13, 1942, Serial No. 465,437
11 Claims. (Cl. 236—46)



1. A control device for intermittently operating a mechanism with respect to a predetermined outdoor temperature range for periods of time which increase in proportion to decreases of temperature within said range, said device comprising a control switch for turning said mechanism off and on and an energizing circuit including an electric actuating means for said switch, the operation of said actuating means being governed by the value of the potential applied thereto, said circuit including time controlled means to render said actuating means operative to set said mechanism in operation at a preselected time of the day, means to vary the potential applied to said actuating means in proportion to temperature, and time controlled means to vary the potential applied to said actuating means in proportion to the time elapsed after a preselected period of time following the beginning of a period of operation of the mechanism at said preselected time so as to stop operation of said mechanism after a time lapse following the preselected period of time, said lapse being proportional to temperature.

2,451,779
MANUFACTURE OF AMIDINES
Wallace Frank Short and Peter Oxley, Nottingham, England, assignors to Boots Pure Drug Company, Limited, Nottingham, England, a company of Great Britain
No Drawing. Application June 4, 1947, Serial No. 752,569. In Great Britain June 12, 1946
9 Claims. (Cl. 260—501)

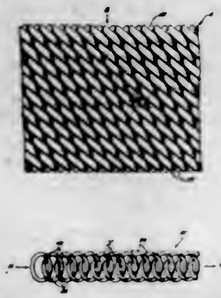
1. A process for the manufacture of a compound having the amidine grouping

$$-C(:NH)NH_2$$

comprising the step of heating at a temperature within the range 30° C. to 160° C. and at atmospheric pressure a mixture of reactants consisting of ammonia and an N-substituted amidine of the general formula $R.C(:NR_1)NR_2R_3$ where R is a member of the group consisting of monovalent radicals of the aliphatic, araliphatic and aromatic series and of the heterocyclic series wherein the hetero-atoms are nitrogen atoms and the unsatisfied valency bonds are on carbon and R_1, R_2 and R_3 are members of the group consisting of hydrogen atoms and monovalent radicals of the aliphatic, araliphatic and aromatic series and of the heterocyclic series wherein the hetero-atoms are nitrogen atoms and the unsatisfied valency bonds are on carbon, one of said reactants being present in the form of a salt.

4. A process as claimed in claim 1 wherein the salt is a sulphonic acid salt.

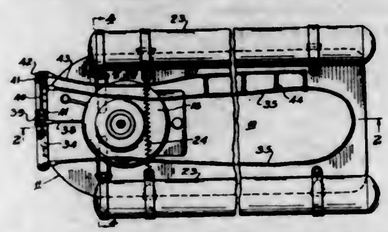
2,451,780
FLEXIBLE MESH BRACELET AND METHOD OF MANUFACTURE
John G. Siska, North Cresskill, N. J., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J., a corporation
Application July 25, 1947, Serial No. 763,673
11 Claims. (Cl. 63—4)



1. A flexible bracelet band, comprising a series of spiral elements arranged side-by-side with the convolutions of adjacent elements interlaced with each other for pivotal connection of the latter, and the interlaced convolutions of adjacent elements being at their intersections mutually deformed into mutual limited interlocked relation to prevent relative movement, other than restricted pivotal relative movement, between said adjacent elements.

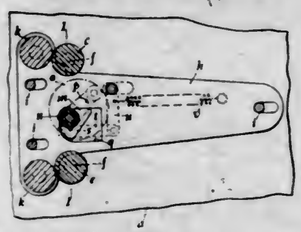
7. In a method of making a flexible bracelet band according to which a series of spiral elements are interlaced with each other to form a chain of pivotally connected elements, that improvement which comprises compressing the chain, while holding it against lengthwise and widthwise buckling, substantially lengthwise and widthwise into a substantially closed mesh in which the interlaced convolutions of adjacent elements are at their intersections mutually deformed into mutual limited interlocked relation to prevent relative movement, other than restricted pivotal relative movement, between said adjacent elements.

2,451,781
POWER-DRIVEN SURFBOARD
Doty M. Steele, Los Angeles, Calif.
Application June 25, 1945, Serial No. 601,487
6 Claims. (Cl. 9—18)



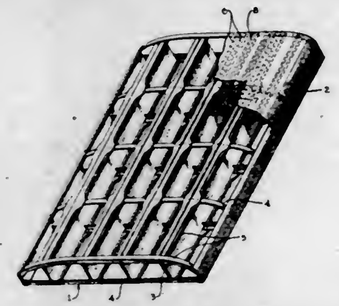
1. In a power driven surf board, the combination with an elongated hollow body provided in its forward portion with a vertical opening, of a motor disposed above said opening, a propeller driven by said motor and disposed below said opening, a rudder disposed beneath the forward end of said body, manually operable means for actuating said rudder and pontoons hinged to the sides of said body so as to swing upwardly and inwardly onto the sides of the deck of said body and a retractile spring connecting said pontoons.

2,451,782
CAMERA FILM GATE THREADING MECHANISM
Herbert Charles Macleod Stevens, Taunton, England, assignor to Avimo Limited, Taunton, England
Application April 16, 1946, Serial No. 662,466
In Great Britain May 4, 1945
2 Claims. (Cl. 88—17)



1. A film gate for photographic cameras of the kind specified, having in combination a pair of rollers mounted in fixed positions, a slidable member formed with a gap having straight and curved edge portions, a second pair of rollers mounted on said member and movable thereby towards and away from the first mentioned pair of rollers, a loading spring whereby said member is movable in the direction for moving said second pair of rollers towards the other pair, a rotatable cam by which said member is movable in the opposite direction for moving said second pair of rollers away from the other pair, and which is arranged within the gap in said member, and a finger piece whereby said cam is operable, said cam having a flat portion which serves by abutting against a straight edge portion of said gap to limit the movement imparted to said member by said spring, and also having a rounded portion which serves by co-operation with a curved edge portion of said gap to move said member against the action of said spring into a position in which said cam prevents movement of said member by said spring.

2,451,783
METHOD OF MAKING SKIN-AND-FRAME ASSEMBLIES
Edward J. Sweeney, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 30, 1944, Serial No. 556,611
3 Claims. (Cl. 29—148.2)

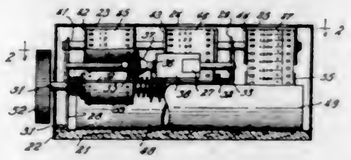


1. A method of making a structural assembly which comprises, securing one sub-assembly including a plurality of connected parts in one jig unit, securing another sub-assembly including a plurality of connected parts in another jig unit, one of the jig units and the sub-assembly carried thereby being reticulated, bringing the jig units together with the sub-assemblies carried thereby into predetermined registering relationship to place the sub-assemblies in proper interrelationship between the jig units, and securing the sub-assemblies together by working through one jig unit and the sub-assembly carried thereby.

2,451,784
CALCULATOR MECHANISM
Frederic Tellander, Jr., Sheldon, Ill., assignor to Victor O. Lothman, Evanston, Ill.
Application June 13, 1947, Serial No. 754,503
8 Claims. (Cl. 235—71)

1. The combination in a calculator having a plurality of rotatable members, a drive shaft for said rotatable members, a frame for said shaft, a spring biased brake for each of said members, said spring biased brakes being arranged to engage said frame and normally to engage said

rotatable members, a brake releasing member mounted on said drive shaft, a pair of clutches for interconnecting either of said members with said drive shaft, and an over-center shifting



means for controlling said clutches, said brake releasing member being responsive to the action of said clutches to disengage a brake from one of said members.

2,451,785

METHOD FOR MAKING A LACQUER ENAMEL

Marcus Thau, New York, N. Y., assignor to Lacquer & Chemical Corporation, Brooklyn, N. Y., a corporation of New York

No Drawing. Application July 26, 1944, Serial No. 546,756
1 Claim. (Cl. 106—198)

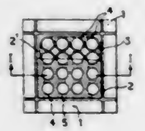
A method for making a lacquer enamel adapted to provide a particularly smooth, durable, non-chalking protective film or coating, which consists in providing a readily-dispersible pigment substantially free of materials having chalking tendencies, and a lacquer vehicle containing a cellulose derivative selected from the group consisting of nitro-cellulose and ethyl cellulose, grinding the pigment with a portion of the lacquer vehicle for a time just short of the time necessary to impart a gloss to the resultant coating, mixing the ground mixture with the rest of the lacquer vehicle, and screening the resultant mixture to remove conglomerates and particles larger than 2 microns.

2,451,786

MULTITUBULAR HEAT EXCHANGER

Eugen Villiger and Eduard Benninger, Zurich, Switzerland, assignors to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland, a corporation of Switzerland

Application January 24, 1946, Serial No. 643,126
In Switzerland January 30, 1945
3 Claims. (Cl. 285—25)



1. A multi-tubular unit for use in tubular heat exchangers, comprising in combination a bundle of tubes assembled side-by-side with their ends substantially in a common plane; a frame of massive cross-section as compared to the diameter and wall thickness of individual tubes in the bundle, encircling and confining the terminal portion of the bundle, with the tube ends and the end face of the frame substantially in a common plane; and a continuous network of fused material, filling the spaces between tube ends and between the tube ends and the frame and fused to both.

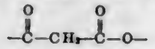
2,451,787

POLYMERIZATION OF CHLOROPRENE

John Richard Vincent, Newport, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 29, 1946, Serial No. 658,209
4 Claims. (Cl. 260—92.7)

1. The process for effecting emulsion polymerization of chloroprene, which comprises incorporating in the emulsion prior to polymerization from 0.05% to 5.0%, based on the weight of the polymerizable material, of an ester of an organic acid of the class consisting of keto-acids and dicarboxylic acids which contain the grouping:



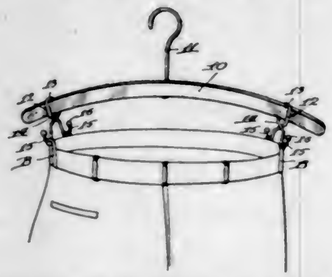
which esters contain from 5 to 19 carbon atoms in the molecule.

2,451,788

GARMENT HANGER

Albert G. Wahl, Los Angeles, Calif.

Application November 15, 1945, Serial No. 628,729
1 Claim. (Cl. 223—88)



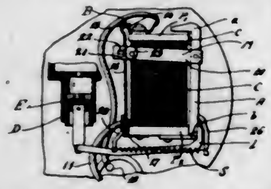
A garment hanger comprising a single piece of resilient wire, the central portion of which is bent to form a substantially rectangular loop the upright side portions of which normally converge downwardly so as to grip a garment hanger rail which passes through said loop, with those portions of the wire below said loop loosely crossing each other at a single point and the end portions of the wire below said crossing portions terminating in substantially U-shaped garment engaging hooks.

2,451,789

VIBRATORY ARMATURE ELECTRO-MAGNETIC MOTOR

Charles F. Wallace, Westfield, N. J., assignor to Wallace & Tiernan Products, Inc., Belleville, N. J., a corporation of New Jersey

Application August 3, 1945, Serial No. 608,700
7 Claims. (Cl. 172—126)



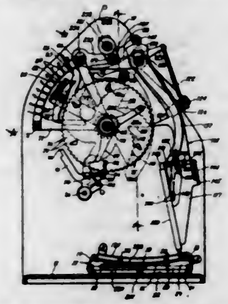
1. An electromagnetic motor, comprising an electromagnet and a spring-retracted pivoted armature; and having means for controlling the magnet circuit comprising a fixed contact, a movable contact, an auxiliary armature which tends to hold the movable contact against the fixed contact when the magnet is energized and which is under tension to move the movable contact away from the fixed contact, and a connecting member extending between the main armature and the auxiliary armature pivotally connected to one and having a lost motion connection to the other, whereby the auxiliary armature is moved to break the circuit as the main armature nears the end of its movement toward the magnet and is moved to close the circuit as the main armature nears the end of its outward movement.

2,451,790

REGISTER-CONTROLLED TIME RECORDER

Thomas J. Watson, New Canaan, Conn., and Alfred L. Sprecker, Freeport, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application November 17, 1944, Serial No. 563,918
24 Claims. (Cl. 346—104)



1. In recording apparatus of the type wherein a register operates to receive time controlled data entries and wherein a recording means operates to record on a record sheet the data indicated by said register, the combination of a holder for positioning the record sheet in recording position; locking means effective when moved to an operative position to prevent insertion and removal of the record sheet from said holder and effective when moved to a non-operative position to permit such insertion and removal; start means effective when operated to move said locking means to its said operative position and to start entering operations of said register; stop means effective when operated to provide first for stopping entering operations of said register, then to provide for the operation of said recording means to record on the record sheet the data indicated by the register, and then to move said locking means to its said non-operative position; and interlock means operable upon an operation of said start means to prevent a second operation of said start means until said stop means has been operated and operable upon an operation of said stop means to prevent a second operation of said stop means until said start means has been operated.

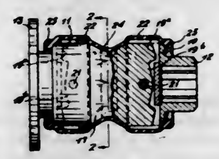
2,451,791

UNIVERSAL JOINT

Elverton W. Weaver, Cleveland Heights, Ohio, assignor to Towmotor Corporation, Cleveland, Ohio, a corporation of Ohio

Application January 25, 1945, Serial No. 574,457
6 Claims. (Cl. 64—17)

2. A universal joint comprising a pair of yokes each having means for attaching the same to a shaft section and each having a cylindrical bearing bore extending therethrough and each having a slot extending from the inner face thereof and intersecting the bearing bore therein and extending longitudinally of and for substantially the full length of said bore, cylindrical bearing blocks adapted to be inserted within the said bores, each of the bearing blocks having a slot extending longitudinally of and for substantially the full length thereof, a driving element having ends adapted to be received within the slots of the bearing blocks and within the slots in the yokes,



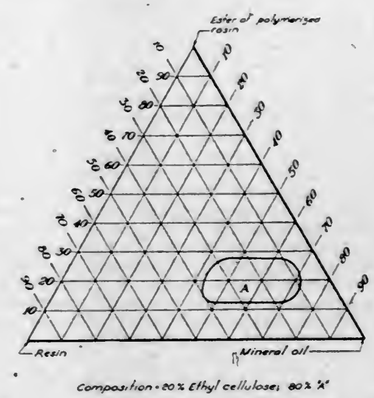
the portions of the driving element which project through the slots in the yokes being of less thickness than the width of these slots, and a rubber-like flexible constricting retaining member surrounding each yoke and having rib means extending about and engaging the opposite ends of the yokes, said rubber-like member having a depressed midsection engaging said driving element, said rubber-like member also being in intimate engagement with the periphery of said yokes throughout their length whereby said rubber-like element tends to center said bearing blocks within their respective bores.

2,451,792

HOT-MELT COATING COMPOSITION

Arthur E. Young and Kenneth D. Bacon, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

Application November 9, 1945, Serial No. 627,749
2 Claims. (Cl. 260—16)



Composition = 20% Ethyl cellulose, 80% 'A'

1. A wax-free hot-melt coating composition consisting essentially of from 18 to 22 per cent by weight of an ethyl cellulose having an ethoxyl content of from 47.5 to 50 per cent and a viscosity less than 30 centipoises, as determined in a 5 per cent solution thereof, by weight, in an 80:20 mixture, by volume, of toluene and ethanol, the balance of the composition, correspondingly

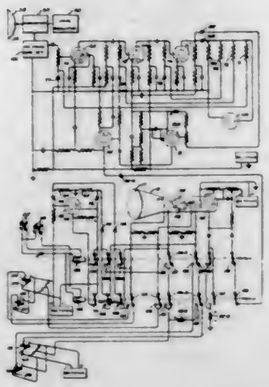
from 82 to 78 per cent of the whole, being a ternary mixture of: at least 42.5 per cent and not over 72.5 per cent of a refined pale mineral oil having a viscosity of 40 to 100 Saybolt units at 210° F.; at least 12.5 per cent and not over 27.5 per cent of an ester of polymerized rosin with a polyhydric alcohol from the group consisting of ethylene glycol, diethylene glycol, and triethylene glycol; and, at least 7.5 per cent and not over 40 per cent of a maleic anhydride-modified ester gum having a melting point in the range from 115° to 120° C., the proportions of the oil, rosin ester and modified ester gum in said ternary composition being defined by any point falling within the area A on the accompanying drawing.

2,451,793

RADIO LANDING APPARATUS

Ernst F. W. Alexanderson and Franklin G. Patterson, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application May 22, 1943, Serial No. 488,012
14 Claims. (Cl. 343—107)



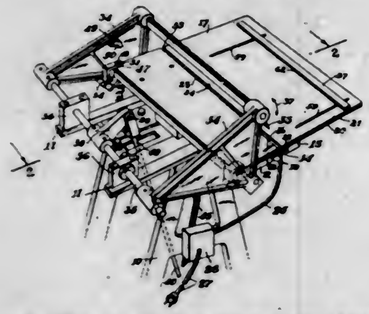
1. In a blind landing system in which a plurality of spaced broadcast beacons are located about the area in which said landing is to be effected, a viewing screen carried by the craft, means to scan a fixed predetermined area ahead of said craft for radio waves produced by said beacons and to produce a point of light on said screen at a position corresponding to the direction to each beacon from which said waves are received, said points merging into substantially a single point on said screen at a position corresponding to the direction of said area when the craft is at sufficient distance therefrom and separating into a plurality of points when said craft approaches said area, means additionally to produce two lines of light at right angles to each other across said screen and intersecting each other at a desired point when the plane is in level flight on a predetermined course, and means controlled by the orientation of said craft to cause each of said lines to move bodily in either of its two broadside directions in accord with the movement of said craft in the vertical or horizontal plane, whereby the pilot by observation of said screen may approach said area from a distance and locate his craft with respect to a predetermined course through said area, observe his glide angle with respect to said area and effect a landing at a desired position relative to said beacons.

2,451,794

MACHINE FOR FOLDING SHEETS OF THERMOPLASTIC AND LIKE MATERIAL

Maurice M. Balsam and Henry M. Balsam, New York, N. Y., assignors to M. M. Balsam, Inc., New York, N. Y.

Application January 8, 1947, Serial No. 720,906
5 Claims. (Cl. 18—19)



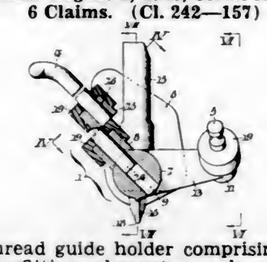
5. A machine for permanently folding sheets of thermoplastic and like materials comprising in combination a horizontal stationary support having a folding edge; a horizontal movable support having also a folding edge being parallel to said folding edge of said horizontal stationary support; means supporting said horizontal movable support slidably to and fro between inoperative position with its folding edge spaced from the folding edge of said horizontal stationary support and operative position with its folding edge tending to press against the folding edge of said horizontal stationary support; spring means permanently tending to slide said horizontal movable support from said inoperative into said operative position; first means for sliding said horizontal movable support against action of said spring means from operative into inoperative position, whenever required; second means for sliding said horizontal movable support against action of said spring means from operative into inoperative position; a pushing blade adapted to force the sheet to be folded in folded position between said folding edges of said horizontal stationary and horizontal movable supports when said horizontal movable support is in inoperative position with its folding edge spaced from the folding edge of said horizontal stationary support; means supporting said pushing blade turnably between inoperative position spaced from said horizontal supports and operative position reaching into the space between the folding edges of said support; combined operating means adapted to be moved between operative position and inoperative position, said combined operating means constructed so as to actuate when in inoperative position said first means for sliding said horizontal movable support and to actuate when in operative position said second means for sliding said horizontal movable support and to simultaneously move said means supporting said pushing blade from inoperative position into operative position with said pushing blade reaching into said space formed between the folding edges of said horizontal supports; spring means for automatically returning said operating means from said operative into said inoperative position, thereby turning said means supporting said pushing blade together with the same from said operative into said inoperative position and permitting said spring means permanently tending to slide said horizontal movable support to move the same during movement of said operating means from its inoperative into its operative position; heating means arranged under said horizontal stationary support and said horizontal movable support so as to heat the same at and adjacent to said folding edges thereby heating the sheet to be folded during the folding operation; and adjustable stop means arranged on said horizontal stationary support so as to enable proper positioning of the sheet to be folded on said supports.

2,451,795

THREAD GUIDE HOLDER

Joseph H. Barnes, New Castle, Del., assignor to Delaware Rayon Company, New Castle, Del., a corporation of Delaware

Application August 1, 1946, Serial No. 687,760
6 Claims. (Cl. 242—157)



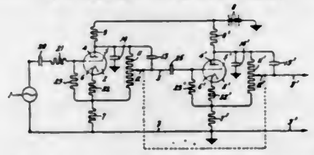
1. A thread guide holder comprising cylindrically interfitting elements, each eccentrically apertured to receive a thread guide, one of said elements constituting a lock nut which by rotation to different positions with respect to the other element is caused to frictionally grip the thread guide or to release the same.

2,451,796

PHASE SHIFTING CIRCUIT

Seymour Berkoff, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York

Application September 23, 1943, Serial No. 503,545
6 Claims. (Cl. 323—119)



1. In a phase shift network, an electron discharge device having an anode, control electrode, and a cathode, a source of operating voltage having its positive terminal connected to said anode through a resistance and its negative terminal connected to said cathode through a resistance, means to supply an alternating voltage between said control electrode and cathode, a resistance connected between said anode and cathode, and a load circuit connected between said negative terminal and a point variable along said last resistance in accordance with the phase shift desired.

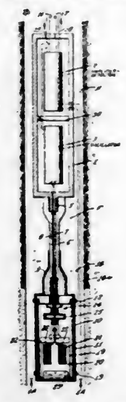
2,451,797

APPARATUS FOR PRODUCING PRESSURE PULSES IN BOREHOLES

André Blanchard, Houston, Tex., assignor to Schlumberger Well Surveying Corporation, Houston, Tex., a corporation of Delaware

Application February 17, 1945, Serial No. 578,529
12 Claims. (Cl. 177—386)

1. An apparatus for emitting pressure pulses in a liquid comprising a first liquid-tight casing, a liquid-tight substantially rigid bell casting, means having capacity for elongation and contraction connecting said bell casing to said first casing, an electromagnet in said bell casing, means in said first casing for supplying alternating current to said electromagnet, and armature means resiliently connected to said casing and adjacent to said electromagnet, whereby, upon energization of said electromagnet, said bell casing is reciprocated bodily with respect to said first casing.

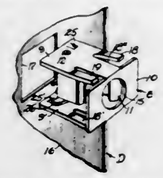


2,451,798

CATCH

Earl M. Borchers, Rockford, Ill., assignor to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill., a corporation of Illinois

Application November 10, 1944, Serial No. 562,766
6 Claims. (Cl. 292—18)



1. A catch having a supporting frame comprising a side plate and a front plate for limiting movement of the side plate through a mounting member having a hole therein proportioned to conform substantially to the width of said plate, an elongated spring finger on said side plate movable into positive holding engagement with the mounting plate automatically as an incident to the forcing of the frame into its said limit position, and a second spring finger of a length somewhat greater than the length of the first mentioned finger so as to be frictionally engageable with the edge of the hole and mounting plate.

2,451,799

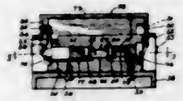
VALVE STRUCTURE

William R. Brown, Chicago, Ill., assignor to W. R. Brown Corporation, Chicago, Ill., a corporation of Illinois

Original application January 11, 1943, Serial No. 472,020. Divided and this application April 7, 1944, Serial No. 529,898
5 Claims. (Cl. 277—21)

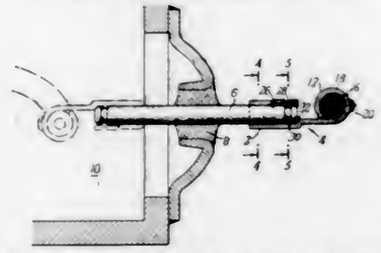
2. In a foot actuated controller for a pressure fluid operated device, the combination with a

base, of a valve mounted on said base, a valve member in said valve shiftable between two positions to control the supply of pressure fluid to the device, spring means yieldably urging said valve member toward one of said positions, a plunger at one end of said valve operative when actuated to shift the valve member to the other of said



positions against the action of said spring means, actuating means for said plunger including a member mounted on said base to rock about an axis located at one side and substantially parallel to the axes of said plunger and said valve member, and a cam element carried by said rocking member for coaction with said plunger.

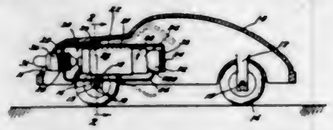
2,451,800
TERMINAL CLIP FOR ELECTRICAL CONDUCTORS
Stephen N. Buchanan, Westmoreland Hills, Md., and Ormiston J. Breen, East Greenbush, N. Y., assignors to Buchanan Electrical Products Corporation, a corporation of New Jersey
Application November 15, 1946, Serial No. 710,172
3 Claims. (Cl. 173—269)



2. A friction-type terminal clip of unitary construction for releasably connecting a flexible conductor having an outer insulating sheath to an electrically conductive pin having a reduced portion spaced from its end, comprising a ferrule portion for mechanically gripping said insulating sheath and electrically connecting said conductor; a receptacle portion integral with said ferrule portion and having oppositely-disposed walls for receiving and frictionally gripping therebetween said pin; a resilient U-shaped loop portion integrally connecting said walls to permit said walls to expand and contract as said pin is inserted into or withdrawn from said receptacle portion; an integral inwardly extending boss on at least one of said walls adapted to frictionally contact the reduced portion of said pin; and a shoulder spaced longitudinally from said boss and forming stop means at the juncture of said body portion and said ferrule portion.

2,451,801
TOY
Abe Buchmann, Cincinnati, Ohio
Application January 6, 1948, Serial No. 658
8 Claims. (Cl. 46—203)

1. In a toy the combination of a body member having a cavity formed therein, a simulated running gear for supporting said body member, an electric circuit carrying battery holder disposed in the cavity, a lamp secured to the holder and projecting exteriorly of the body member, a switch arm on the holder disposed between the body member and the running gear, said arm being adapted to normally hold said body mem-



ber and running gear in resilient spaced apart positions and upon depression of the body member adapted to close said electric circuit to the lamp.

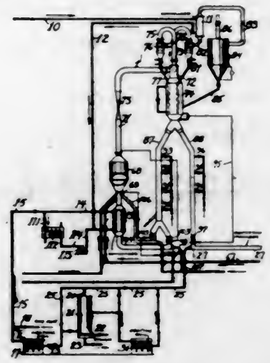
2,451,802
CAM
Paul B. Burrus and Merton C. Leinberger, Dayton, Ohio, assignors, by mesne assignments, to Worthington Pump and Machinery Corporation
Application April 23, 1945, Serial No. 589,920
3 Claims. (Cl. 74—568)



1. A cam assembly including a rotatably mounted member presenting a surface normal to the axis of rotation, said rotatable member having apertures in said surface, a pair of cam sectors adjustably mounted on said surface, each of the cam sectors having an elongated opening registering with an aperture in said surface, screws for clamping the cam sectors against said surface, one of said cam sectors being provided with a notch, the other cam sector being provided with an extension projecting into the notch, a laterally movable cam follower, said notch and said extension underlying a portion of the width of the path of the cam follower so that the cam follower spans the gap between the cam sectors by resting upon the extension.

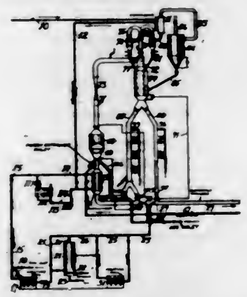
2,451,803
METHOD OF CONTACTING SOLIDS AND GASES
Donald L. Campbell, Roselle Park, Homer Z. Martin, Elizabeth, and Charles W. Tyson, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application October 5, 1940, Serial No. 359,854
24 Claims. (Cl. 196—52)

1. A process for contacting solids and gases which comprises passing a confined stream of said gases through an extended path including a treating zone, imposing an initial positive pressure on the stream of gases at least sufficient to overcome the resistance of said path to the flow of said gases under obtaining conditions, introducing the solids to be contacted in finely-divided state into said stream of gases prior to removal of said gases from the treating zone, maintaining a column of downwardly flowing solids above the point of entry of said solids into said gases, introducing gas into said column in an amount controlled to maintain a pseudo-liquid mixture of gas and solid throughout substantially the entire length of said column capable of generating a fluistatic pressure at the base thereof, maintaining said column at a height such that the fluistatic pressure developed at the base of said column is greater than the pressure on said gases at the place of entry of said solids therein, and discharging solids from said



column into said gases while under fluistatic pressure generated by said column.

2,451,804
METHOD OF AND APPARATUS FOR CONTACTING SOLIDS AND GASES
Donald L. Campbell, Short Hills, Homer Z. Martin, Elizabeth, and Eger V. Murphree and Charles W. Tyson, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application December 27, 1940, Serial No. 371,923
23 Claims. (Cl. 196—52)

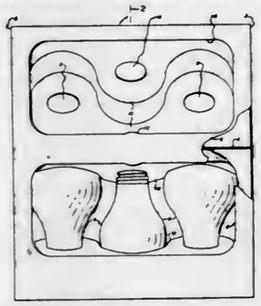


13. In a process for contacting solids with gases the steps which comprise passing a confined stream of a gaseous medium upwardly through a contacting zone containing a body of finely divided solids at a low velocity controlled to maintain a relatively dense fluidized phase of gas and solids in said zone, maintaining a column of said finely divided solids exterior to said contacting zone, passing a gaseous medium lengthwise of said column in an amount controlled to fluidize the solids throughout the full length thereof and thereby generate a fluistatic pressure at the base of said column, delivering a stream of fluidized solids from the base of said column while under said fluistatic pressure into the first named stream prior to passing the same through the contacting zone and continuously withdrawing finely divided solids from the contacting zone, the height of said column being sufficient to generate a fluistatic pressure substantially greater than the loss in pressure of the gases passing through the contacting zone.

2,451,805
PROCESS OF COATING ASBESTOS
Thomas D. Callinan, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
No Drawing. Application October 4, 1944, Serial No. 557,237
3 Claims. (Cl. 117—126)

1. The method of treating a fabricated, flexible, paper-like sheet material consisting of a major portion of asbestos fiber and a minor portion of bentonite to increase the tensile strength thereof, which comprises impregnating said sheet material with a solution of a compound of a metal selected from the group consisting of magnesium, barium, calcium, zinc and aluminum, thereafter impregnating said sheet material with a solution of ammonia, drying said sheet and heating the dried sheet at a temperature of about 175° C. to obtain a product having a tensile strength substantially greater than that of the untreated material.

2,451,806
CUSHIONED DISPLAY CONTAINER
Percy A. Carson, East Cleveland, Ohio, assignor to General Electric Company, a corporation of New York
Application November 13, 1945, Serial No. 628,251
6 Claims. (Cl. 206—45.14)

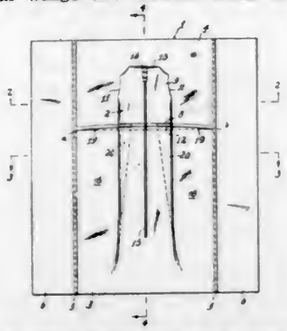


2. A packing container of relatively stiff flexible material having a wall portion provided with a row of spaced apertures for accommodating the base end of incandescent lamps, the wall portion having also a slit extending between and around the apertures to form a pair of flaps which are opposed to each other and tend to return to a position flush with the wall when bent back into the interior of the container, each of said flaps having at least one of said apertures therein and having a concave edge portion so spaced from the aperture as to engage the bulb of a lamp the base end of which is inserted in an aperture in the opposite bent back flap whereby the bent flaps releasably clamp the lamps between them for display through the opening left in the container wall thereby.

2,451,807
INFANT'S GARMENT
Daniel Catizone, New York, N. Y.
Application March 2, 1946, Serial No. 651,581
1 Claim. (Cl. 2—114)

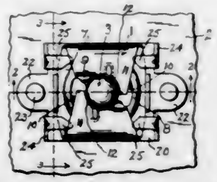
A protective sleeping garment for infants consisting of a combined jacket and bed sheet, said bed sheet comprising an upper and a lower section, said upper section having a sufficient length to extend well beyond the head of the infant in its sleeping position, both sections hav-

ing an equal width with the exception of the upper part of the lower section, said upper parts having upwardly and laterally outflaring portions extending at the upper edge of said lower sheet section sufficiently beyond the width of the sheet to be connected to the front and a substantial part of the rear portion of said jacket whereby in the assembled state of the garment two lateral wings are formed from the upper



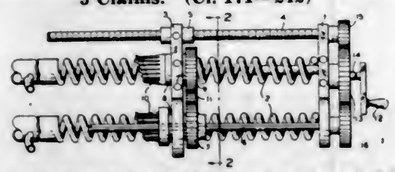
part of said lower sheet section to permit ample lateral movement of the infant, a longitudinal center opening extending through the front portion of said jacket and the major portion of said lower sheet section, means to close said opening and two lateral panels having substantially the same length as said bed sheet, being connected with the upper and the lower sheet section and uniting the same to form a coherent article.

2,451,808
FLOATING COWL FASTENER CONSTRUCTION
Wilmer H. Churchill, Saugus, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application June 9, 1944, Serial No. 539,569
3 Claims. (Cl. 24—221)



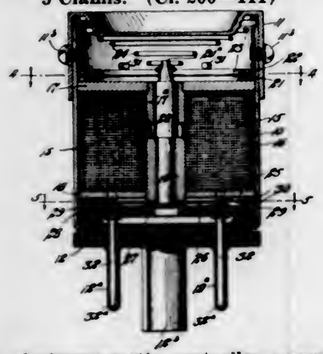
2. A fastener member for detachably connecting an apertured support and a stud-carrying part to be attached thereto; said fastener having a base provided with a central outwardly dished apertured embossment providing a stud-engaging seat, the material of said base surrounding said embossment providing a substantially continuous annular bearing surface of substantial width, a plate-like attaching member for said fastener having longitudinally spaced apertured attaching extensions and an enlarged central aperture adapted to be shiftably aligned with said fastener seat and opposed pairs of fastener-retaining tongues connected to said plate in planes intermediate the central aperture and apertures of the attaching extensions and overlying the bearing surface of said base transversely removed from said attaching extensions and adjacent the embossment thereon, and stop means on said fastener member disposed between and cooperating with tongues of each pair inwardly of the plane of connection of said tongues to said plate.

2,451,809
VARIABLE INDUCTANCE DEVICE
James L. Clark, Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War
Application December 10, 1945, Serial No. 634,086
5 Claims. (Cl. 171—242)



5. In combination, a flat panel, a threaded feed screw journaled perpendicularly through said panel for rotational movement only relative to said panel, a guide shaft parallel to and spaced from said feed screw, also journaled through said panel for rotational movement only relative to said panel, means to rotate said feed screw and guide shaft simultaneously, a shorting block supported by said feed screw and guide shaft and longitudinally movable relative thereto and parallel to said panel, two stationary helical conductors parallel to and spaced from said feed screw and guide shaft, a tubular contact carrier surrounding each of said helical conductors, said contact carriers being journaled through said shorting block for rotational movement only relative to said block, each of said contact carriers being provided with a plurality of longitudinally disposed wiping contact fingers, each of which fingers is provided with a wiping contact portion, the wiping contact portions of each contact carrier being positioned relative to each other to follow the configuration of a portion of a helix of the diameter and pitch of its associated conductor so that said contact portions may be maintained in contact with a portion of said helical conductor at all times, gear means between the guide shaft and the contact carriers so that said contact carriers are rotated upon rotation of the guide shaft.

2,451,810
ELECTROMAGNETIC CONTROLLER
Arthur M. Cohen, New Rochelle, N. Y., assignor to Ward Leonard Electric Company, a corporation of New York
Application December 22, 1944, Serial No. 569,369
5 Claims. (Cl. 200—111)



2. An electromagnetic controller comprising a cylindrical outside casing, a winding within the casing, a plunger rod extending axially within the winding, a magnetic plunger carried by said rod at its lower end, contact means secured to the lower end of said plunger and rod and having a

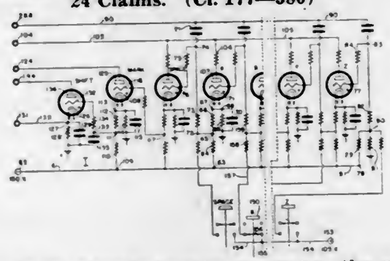
common conducting portion and a plurality of yieldable contact portions extending therefrom angularly disposed about the axis of the magnet, a base of insulating material fixed within and extending across the lower end of the casing, and a plurality of contact elements supported by and extending upwardly through said base and having their inner ends positioned opposite said contact portions respectively within the base and positioned relatively to said contact portions to be successively engaged by said contact portions by the downward movement of the plunger and successively disengaged by the upward movement of the plunger, said contact elements having a threaded engagement with said base and being individually adjustable towards and from said contact portions.

2,451,811
CORNER FASTENER FOR PLASTER LATHS
John L. Daily, Johnstown, Pa.
Application October 7, 1946, Serial No. 701,816
3 Claims. (Cl. 85—11)



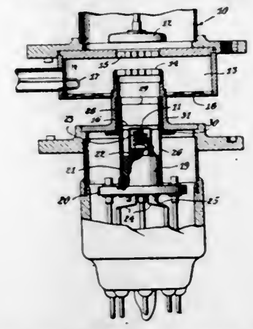
1. A wall fastener of the class described comprising pairs of longitudinally aligned arms formed from a single sheet of bendable metal, said arms being disposed at right angles with respect to each other and said arms being bent along a line connecting the vertex of one angle with that of another to provide a pair of V-shaped fasteners in planes at right angles to each other for fitting in the corner of a room, and prongs projecting inwardly from the arms for embedding in a wall.

2,451,812
ELECTRON TUBE VARIABLE IMPULSE TRANSMITTER
Joseph R. Desch, Ernest V. Gulden, and Robert E. Mumma, Dayton, Ohio, assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Original application September 16, 1942, Serial No. 458,546, now Patent No. 2,425,307, dated August 12, 1947. Divided and this application February 19, 1944, Serial No. 523,024
24 Claims. (Cl. 177—380)



1. In an electric impulse generator, the combination of electron discharge tube means selectively operable to produce small-amplitude and large-amplitude rapidly recurring discrete positive impulses; and selectively operable means to control the selective operation of the electron discharge tube means to produce an impulse train containing a plurality of groups of selected numbers of small-amplitude impulses separated by large-amplitude impulses.

2,451,813
ELECTRON DISCHARGE DEVICE HAVING AN ELECTRON BEAM PASSAGE AND ALIGNING MEANS THEREWITH FOR THE CATHODE
Paul M. Dickerson, East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 30, 1943, Serial No. 481,069
6 Claims. (Cl. 250—27.5)



3. An electron discharge device comprising a housing having a passage for flow of a beam of electrons therethrough, a cathode in said passage directed toward a far end thereof, another electrode opposite the far end of said passage for reception of the beam of electrons, a focusing collar around the cathode, an insulator in one end portion of said collar in engagement with both the cathode and collar bracing the cathode from said collar coaxially, and means interposed between the other end portion of said collar and housing centering and aligning the collar and cathode.

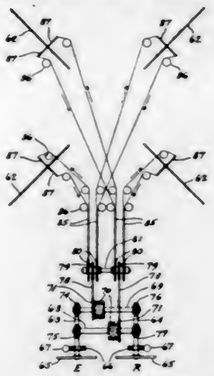
2,451,814
DEICING COMPOSITION FOR AIRCRAFT PARTS AND SURFACES
Theodore Augustine Dissel, Hartford, and Isaac Laird Newell, Wethersfield, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
No Drawing. Application March 22, 1946, Serial No. 656,536
3 Claims. (Cl. 106—13)

1. A de-icing composition, consisting essentially of a long chain fatty acid partial ester of sorbitan, selected from the group consisting of sorbitan monopalmitate and sorbitan monostearate, and anhydrous potassium acetate, these materials being present in the ratio of the sorbitan compound to the potassium compound of about 10 to 1 by weight.

2,451,815
AIRSHIP
Lloyd H. Donnell, Chicago, Ill., and Elgin L. Shaw, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Original application July 16, 1941, Serial No. 402,586. Divided and this application September 25, 1945, Serial No. 618,562
9 Claims. (Cl. 244—96)

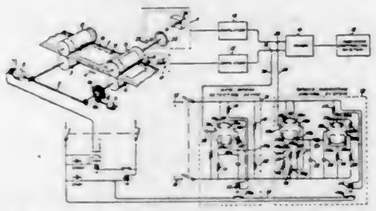
1. An airship comprising a hull, an empennage carried by the stern of said hull, said empennage consisting of two pairs of fins the planes of which cross each other, including a control surface hinged to the end of each fin, the pairs of fins being arranged at an angle to the horizontal, an

elevator control spindle and a rudder control spindle, two sprocket-equipped differential gears each of which being in operative engagement with both of said control spindles, two sets of freely rotating transmission sprockets, one of said



sets being driven by the one differential sprocket and the other set of sprockets being driven by the other differential sprocket, control lines operatively connecting the one set of sprockets to one pair of control surfaces and the other set of sprockets to the other pair of control surfaces.

2,451,816
WEB BREAK DETECTOR
George B. Dunn, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 31, 1946, Serial No. 695,339
10 Claims. (Cl. 318—461)



9. For use on a machine having a driving motor and an element operating on a length of material provided with a plurality of indicia distributed along its length comprising an alarm circuit, means responsive only to speeds of said element greater than a predetermined minimum speed for preparing said alarm circuit for actuation, photoelectric means responsive to non-passage of said indicia for actuating said prepared alarm circuit and means responsive to actuation of said alarm circuit for deenergizing said driving motor.

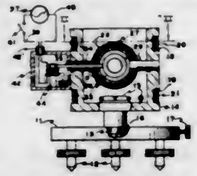
2,451,817
PROCESS FOR REGENERATING SPENT AQUEOUS ALKALINE SOLUTION
Lloyd C. Fetterly, Long Beach, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application June 26, 1944, Serial No. 542,258
5 Claims. (Cl. 252—192)

1. In a process for regenerating spent aqueous alkaline solution containing mercaptans extracted from hydrocarbons, the improvement comprising treating said spent solution with a free oxygen-containing gas in the presence of a phenolic oxidation catalyst, thereby oxidizing said mercaptans to organic disulfides which catalyst is capable of a reversible oxidation reaction and subject to non-reversible oxidation by oxygen in an alkaline solution in the absence of a protecting reducing agent, and maintaining dissolved in said solution during said oxidation treatment, by extraneous addition, an inorganic sulfide sulfur content of at least 0.1% by weight of sulfide sulfur sufficient to protect said catalyst from non-reversible oxidation.

2,451,818
VINYLPHENOXTHINES AND METHOD OF PREPARING THE SAME
Ralph G. Flowers and Leola W. Flowers, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
No Drawing. Application May 29, 1947, Serial No. 751,468
6 Claims. (Cl. 260—327)

2. Monovinylphenoxthine.

2,451,819
INDUCTION MAGNETOMETER
Alex Frosch, Houston, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application April 12, 1944, Serial No. 530,623
4 Claims. (Cl. 175—183)

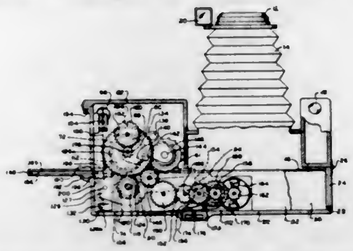


1. A magnetometer comprising, in combination, a coil arranged in a circuit including a potential indicating device, a relatively flat non-magnetic high conductivity element, a mounting means securing the coil in fixed position, non-magnetic means of stable elastic properties securing the high conductivity element to the mounting means for angular movement about a fixed axis and a driving means arranged to vibrate the element and move its plane through a small angle with respect to the axis of the coil at a relatively rapid rate, said high conductivity element being mounted in the electromagnetic field of said coil and with its plane, when at rest, substantially perpendicular to the axis thereof and adapated to vary the current induced in the coil when the element is in motion.

2,451,820
APPARATUS FOR EXPOSING AND PROCESSING PHOTOGRAPHIC FILM
Elmer E. Garrett, Freeport, N. Y., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application September 20, 1947, Serial No. 775,364
15 Claims. (Cl. 95—13)

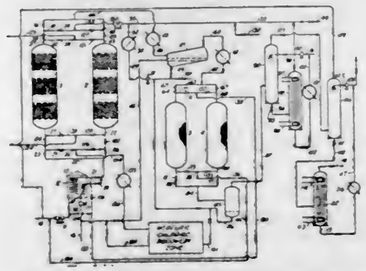
1. Camera apparatus for use with a composite film unit, said unit comprising an envelope having an exposure aperture formed therein and containing, respectively, a photosensitive film, an opaque sheet material displaceably positioned between said film and exposure aperture, and a film-

processing fluid releasably contained between facing surfaces of said film and sheet material to one side of said exposure aperture, said apparatus comprising, in combination, means for mounting said film unit so that said photosensitive film is positioned in the focal plane, said mounting means having an aperture formed in one end thereof for slidable removal of said unit after exposure of said photosensitive film, means adapted to engage said opaque sheet material and to cooperate with said aperture in said mounting means for slidably displacing said sheet material from said photo-



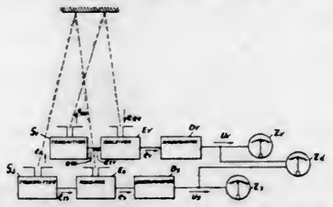
sensitive film to permit photographic exposure of the latter and for returning said sheet material to original position after said exposure, and means comprising a pair of pressure-applying surfaces mounted adjacent the aperture of said mounting means for the film unit, said surfaces being adapted to compress said film unit during advancement of said unit between said surfaces, progressive subjection of said composite unit to compression providing release of the processing fluid and spreading of said fluid between facing surfaces of said exposed photosensitive film and said opaque sheet material.

2,451,821
CHLORINATION OF PARAFFINIC HYDROCARBONS
Everett Gorin, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application January 26, 1946, Serial No. 643,800
10 Claims. (Cl. 260—659)



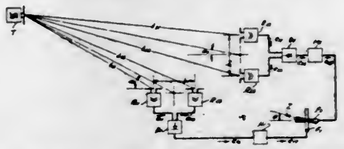
1. The process for the manufacture of at least one chloride of methane from methane which comprises maintaining said methane in contact with a chlorinating agent consisting of mercuric chloride vapor in a reaction zone at a temperature within the range of from about 500° C. to about 650° C. and for a contact time such that not more than 90 percent of said mercuric chloride is converted to metallic mercury and recovering said chloride of methane from the gaseous effluent of said reaction zone.

2,451,822
DISTANCE AND SPEED INDICATING SYSTEM
Gustav Guanella, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y., a corporation of New York
Application February 15, 1945, Serial No. 578,013
In Switzerland October 27, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires October 27, 1963
12 Claims. (Cl. 343—12)



8. In a system for determining the distance between a first and a second point moving relatively with respect to each other, means for transmitting from said first point a pair of radiant energy portions one of which has a constant frequency and the other having a frequency varying periodically as a predetermined function of time, receiving means at said first point for combining components of the respective energy portions received from said transmitting means both directly and indirectly by way of reflection from said second point, to produce a pair of beat energies having frequencies varying, respectively, in proportion to the relative speed between said points and in proportion to the combined relative speed and distance between said points, a modulator for combining said beat energies to produce output energy of frequency varying in proportion to the absolute momentary distance between said points, means for converting the frequency of said output energy into a current of proportional variation, and a translating means energized by said output current.

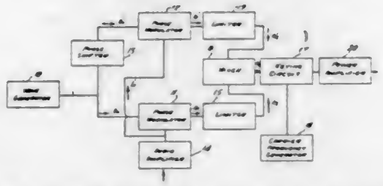
2,451,823
DIRECTION FINDING SYSTEM
Gustav Guanella, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y., a corporation of New York
Application December 10, 1947, Serial No. 790,797
In Switzerland May 12, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires May 12, 1960
19 Claims. (Cl. 343—104)



1. A direction finding system comprising a transmitting station, a receiving station, means for transmitting portions of radiant energy of periodically varying frequency from said transmitting station to said receiving station over at least three transmission paths whose lengths vary in proportion to the directional angle of a line connecting said stations, means at said receiving station for producing at least two control energies having amplitudes varying, respectively, in proportion to the instantaneous beat frequencies between the received energies transmitted over a

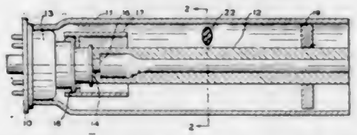
first and a second pair of said paths, respectively, and ratio indicating means excited by said control energies for producing an indication proportional to the directional angle subtended by said line and a predetermined reference direction.

2,451,824
MEANS FOR AND METHOD OF PRODUCING TIME MODULATED SIGNAL IMPULSES
Gustav Guanella, Zurich, and Paul Güttinger, Wettingen, Switzerland, assignors to Radio Patents Corporation, New York, N. Y., a corporation of New York
Application November 22, 1946, Serial No. 711,538
In Switzerland December 18, 1945
13 Claims. (Cl. 332—9)



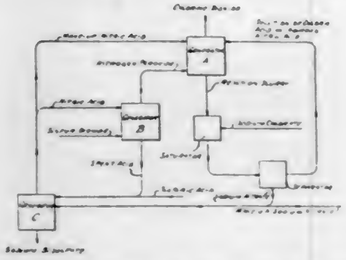
1. A method of producing pulse time modulation which comprises the steps of phase modulating in accordance with a given modulating signal wave at least one of a pair of auxiliary waves of like frequency and predetermined fixed normal phase relation, and multiplicatively combining said auxiliary waves to produce a resultant wave comprising a series of constant amplitude impulses of frequency equal to the auxiliary wave frequency and of width varying in proportion to the instantaneous amplitudes of said modulating wave.

2,451,825
OSCILLATOR TUBE WITH TUNABLE COAXIAL RESONATOR
John J. Guarrera, Astoria, Long Island, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application August 1, 1945, Serial No. 608,303
1 Claim. (Cl. 315—39)



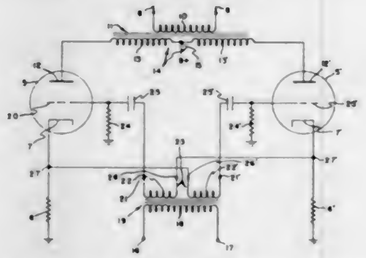
An oscillator comprising an electron tube having grid, anode and cathode terminals, first, second and third cylindrical conductors coaxially arranged and connected to said terminals, said first and second conductors forming a resonator between said anode and said grid terminals, said second and third conductors forming a resonator between said grid and cathode terminals, said first and third conductors defining a resonator between said anode and cathode terminals, an adjustable plunger interposed between said first and third conductors, said plunger providing a capacitative short circuit for radio frequency currents, an elliptical cylinder interposed between said first and third conductors, a conductive coating on said cylinder, the axis of said cylinder being transverse to the common axis of said conductors, a dielectric shaft axially supporting said cylinder, said shaft projecting through an opening in said third conductor, a motor for driving said shaft whereby said cylinder is rotated to periodically vary the effective capacitance between said first and third conductors.

2,451,826
PROCESS FOR MAKING CHLORINE DIOXIDE
John F. Haller, Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation, a corporation of Virginia
Application March 17, 1948, Serial No. 15,450
7 Claims. (Cl. 23—152)



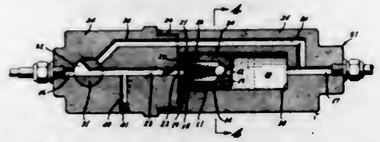
1. In the generation of chlorine dioxide, the improvement which comprises reacting dry nitrogen peroxide with a solution of chloric acid in aqueous nitric acid containing not less than 35% by weight HNO_3 on the total of water and nitric acid.

2,451,827
PUSH-PULL AMPLIFIER
Leland J. Haworth, Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application August 1, 1945, Serial No. 608,158
1 Claim. (Cl. 179—171)



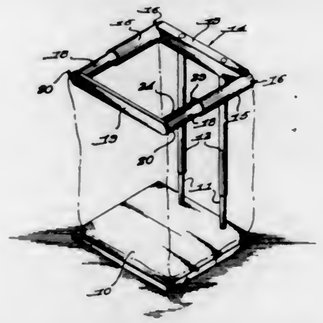
In a push-pull circuit comprising at least two vacuum tubes each having a cathode, a plate, and a grid adapted to receive an impressed signal, the combination of two cathode resistances, one in the cathode circuit of each of said tubes, an input transformer having a secondary which consists of two portions, said portions supplying substantially equal voltages, each such portion having two terminals, said combination being so adapted that one of said terminals of one of said portions is electrically connected to the grid of one of said tubes, and the other terminal of said one portion is electrically connected to the cathode circuit of the other of said tubes between the cathode and the said cathode resistance thereof, and so that the one of said terminals of the other portion of said secondary which is in phase opposition to said one terminal of said one portion is electrically connected to the grid of the said other tube, and the other terminal of said other portion is electrically connected to the cathode circuit of the said one tube between the cathode and the said cathode resistance thereof.

2,451,828
SAFETY DEVICE FOR FLUID BRAKES
David R. Herriott, Glendale, Calif.
Application January 6, 1947, Serial No. 720,353
5 Claims. (Cl. 303—84)



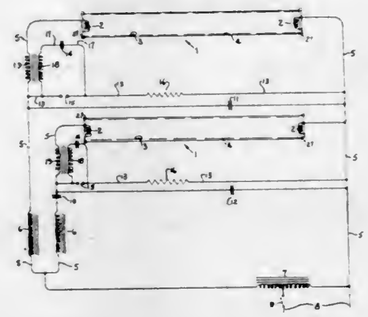
1. A safety device for a fluid brake, said device comprising a cylinder having a port at each of its opposite ends, a piston slidable in said cylinder and shutting off the flow through one of said ports when said piston is at that end of the cylinder, a unilateral fluid seal around said piston permitting leakage flow towards said one port, and preventing leakage flow in the opposite direction, a relief passage through said piston and a spring pressed relief valve therefor preventing flow through said passage towards said one port and permitting flow through said piston in the opposite direction, a by-pass around said piston, a valve for said by-pass, and a bleed passage between said by-pass valve and said piston.

2,451,829
SACK HOLDING FRAME
Ransom L. Hightower, Sinton, Tex.
Application July 18, 1946, Serial No. 684,470
1 Claim. (Cl. 248—100)



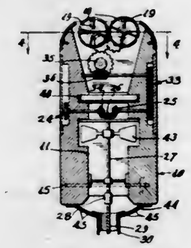
A sack holding frame for supporting the mouth of a sack in expanded position for filling which includes a main supporting bar, a tubular arm at each end of the supporting bar, a supporting rod telescopically associated with each tubular arm, a tie bar connecting the supporting rods, compression coil springs wholly enclosed within the tubular arms for yieldingly urging the supporting rods outwardly, a sack supporting hook on each arm adjacent the main supporting bar, a sack supporting hook at each end of the tie bar, and means supported wholly within the confines of the frame to limit the outward movement of the supporting rods under the influence of the springs.

2,451,830
STARTING ARRANGEMENT FOR ELECTRIC DISCHARGE DEVICES
Donald D. Hinman, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application November 21, 1944, Serial No. 564,479
7 Claims. (Cl. 315—96)



1. The combination with an electric discharge device containing an ionizable atmosphere and coacting electrodes, and a discharge circuit connected to said electrodes, of a starting circuit energized from said discharge circuit independently of discharge between said electrodes, including a loop circuit responsive to the voltage supplied to said discharge device and a current-limiting impedance in series with said loop, a capacitor and an auxiliary electric discharge device connected in said loop in parallel with one another with respect to said impedance, said auxiliary discharge device having a break-down voltage less than the supply voltage in said discharge circuit and having a maintaining voltage higher than the voltage thereon during operation of the first-mentioned discharge device, and an inductive coupling between said loop and a portion of said discharge circuit which is in series with the first-mentioned discharge device.

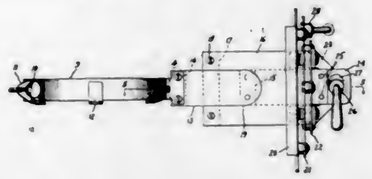
2,451,831
DRY SHAVER
Howard J. Horwood, New York, N. Y.
Application December 6, 1944, Serial No. 566,796
3 Claims. (Cl. 30—43)



1. An electric shaver, comprising a housing, a pair of hollow cylindrical perforated hair cutting and skin spreading massaging rollers rotatively mounted thereon adjacent and in contact with each other, hair cutters mounted within said rollers, drive means for said hair cutters, and means for slowly rotating said rollers away

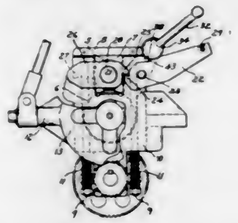
from each other, said hair cutters being rotative within said rollers in a direction opposite to the direction of said hair cutting and skin spreading massaging rollers.

2,451,832
CATHODE-RAY TUBE SUPPORT AND POSITIONING MEANS
Donald B. Keim, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application January 2, 1947, Serial No. 719,809
4 Claims. (Cl. 178—7.5)



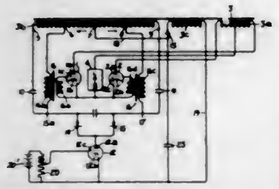
4. A device for insulatingly supporting and positioning a cathode ray tube of a television receiver comprising a supporting plate, a pair of plates arranged parallel with said supporting plate, rotary cam means positioned between one of said parallel plates and said supporting plate for moving said one plate in a first direction, rotary cam means positioned between said pair of plates for moving the other of said plates in a direction transverse to said first direction, a member attached to said other plate extending in a direction transverse to said first and second directions, insulating supporting means for said tube attached to said other plate, and rotary cam means connected with said member for moving said supporting means in a direction transverse to said first and second directions.

2,451,833
ROLL FEED
Frederick Koch, Sparta, N. J., assignor to Associated Patentees, Inc., Ampere, N. J., a corporation of New Jersey
Application August 22, 1947, Serial No. 770,098
3 Claims. (Cl. 271—2.4)



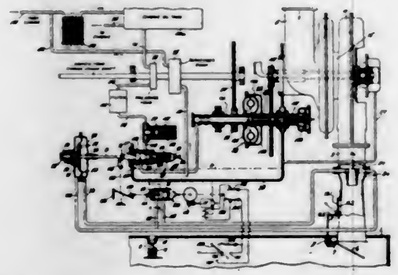
1. Roll feed mechanism comprising separably mounted companion feed rolls, a trip lever arranged to effect separation of said feed rolls, a cam rotatable in engagement with said trip lever to effect actuation of the same, said cam having a cam slope for effecting tripping movement of said lever and a substantially concentric portion at the end of said cam slope engageable with the lever to retain it in the tripped position and a spring for rotating the cam in the trip lever releasing direction and operative to return the cam to the release position when the cam is relieved of pressure of the trip lever, a stop shoulder on the cam at the beginning of said cam slope and a stop pin engageable by said stop shoulder to position the cam in a definite release position.

2,451,834
PHASE SHIFTING CIRCUIT
Ernest F. Kubler, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 26, 1947, Serial No. 776,375
4 Claims. (Cl. 323—119)



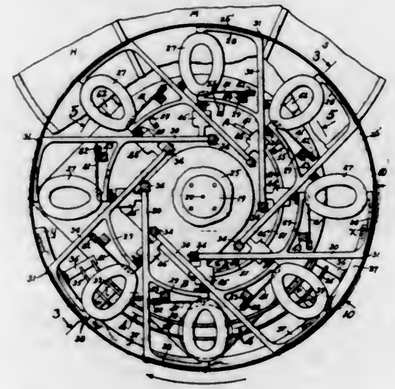
1. A control system for an electric valve provided with an anode, a cathode and a control grid comprising means for supplying to the anode cathode circuit a periodically varying voltage, means for supplying to the grid and cathode a periodically varying voltage of adjustable phase with respect to the anode voltage comprising a pair of bridge circuits having a common arm, a source of direct voltage connected in said common arm, means for supplying to the input terminals of said bridges a periodically varying voltage of the same periodicity as said anode voltage to modulate the direct voltages at the output terminals, a transformer having a primary winding connected across the output terminals of one of said bridges, a second primary winding connected across the output terminals of the other of said bridges and a secondary winding connected between said grid and cathode, and a control electric valve connected in said common arm.

2,451,835
SUPERCHARGER CONTROL SYSTEM
Wilfrid E. Johnson, Marblehead, Mass., assignor to General Electric Company, a corporation of New York
Application January 28, 1942, Serial No. 428,570
23 Claims. (Cl. 98—1.5)



3. In a control system for an aircraft cabin supercharger, the combination of a supercharger, a conduit connecting the discharge side of the supercharger to the cabin, a pressure-difference-creating device for creating a pressure difference which bears a definite relation to the rate of flow in said conduit, speed regulating means including a movable abutment for the supercharger, conduits connecting the pressure-difference-creating device to said movable abutment, and a member responsive to atmospheric pressure acting on said abutment.

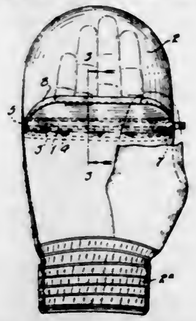
2,451,836
ROTARY COUNTERBALANCED EGG-CARRIER MECHANISM FOR CLASSIFYING EGGS ACCORDING TO WEIGHT
Curtis S. Jordan, Maywood, Calif.
Application October 14, 1944, Serial No. 558,672
5 Claims. (Cl. 209—121)



1. In an egg classifying machine, a supporting structure, a revoluble structure mounted thereon with means for turning it, a plurality of shafts mounted thereon, in the same plane and at acute angles relative to each other, around said revoluble structure to move therewith, said shafts being rockable on their longitudinal axes, each of said shafts having at one side thereof a pair of literally extended arms at one end and rigid therewith, an individual egg carrier held between the free ends of each pair of arms to be raised and lowered about the axis of its shaft as said shaft is rocked, a weight rigidly connected with each shaft to counterbalance the weight of the egg in its egg carrier, said weight operating at the opposite end of said shaft, and on the opposite side thereof adjustable tripping mechanisms around the path of travel of said egg carriers, to be engaged by depending parts carried by said egg carriers, and depending parts connected with said egg carriers to selectively engage and be actuated by said tripping mechanisms according to the adjustments of said tripping mechanisms, whereby to discharge eggs in predetermined places.

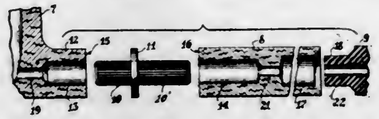
2,451,837
SPORTSMAN'S MITTEN
George J. La Londe and Allen Jewer, Detroit, Mich.
Application August 24, 1945, Serial No. 612,500
3 Claims. (Cl. 2—158)

1. A mitten having a front and a back of suitable material attached together at peripheral edges, said front having a transverse opening substantially centrally of the palm providing edge portions in the same plane, a zipper strip on each edge of the opening metallically secured together at the opposite ends, a slide for opening or closing the zipper strips, and a flap on each side of said



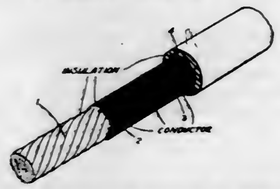
opening normally overlying the said opening and zipper strips.

2,451,838
SMOKER'S PIPE
David P. Lavietes, Boone, N. C.
Application July 9, 1946, Serial No. 682,404
1 Claim. (Cl. 131—225)



A smoker's pipe comprising a wooden bowl member having a short shank with a recess therein, an elongated wooden tubular member forming an extension of said shank and having a recess in one end, an elongated metallic splicer tube having fine teeth cut lengthwise thereof along its outer surface and having one end bitingly secured in the recess in the shank of the bowl and having its other end bitingly secured in the recess in the end of the wooden tubular member, a bit member having one end secured to the other end of the wooden tubular member and a separate metallic washer member slidable lengthwise on the metallic splicer tube and sealed between the faces of said shank and said wooden extension member.

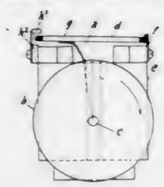
2,451,839
ELECTRICAL CONDUCTOR
Cecil George Lemon, London, England, assignor to Tenaplas Limited, London, England, a British company
Application May 7, 1945, Serial No. 592,481
In Great Britain February 15, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires February 15, 1964
14 Claims. (Cl. 219—46)



1. A heating unit including at least one electrical conductor of a type adapted to produce heat on a commercial basis wound to a spiral or coiled

tubular form on a generally cylindrical core with adjacent coils or turns in mutually spaced insulated relationship, in which condition the coils or turns are maintained by a woven electrically insulating supporting body through interstices of which the conductor is interlaced, the insulating material being of a nature which will not be injured by the heat to be evolved.

2,451,840
IMPULSE TRANSMITTING APPARATUS
Marian Lewandowski, Warsaw, Poland, assignor to Inz. M. Lewandowski i B-cia Kasinowscy Spólka z ograniczona odpowiedzialnóscia, Warsaw, Poland
Application May 16, 1938, Serial No. 208,330
In Poland May 22, 1937
Section 3, Public Law 690, August 8, 1946
Patent expires May 22, 1957
5 Claims. (Cl. 74—142)



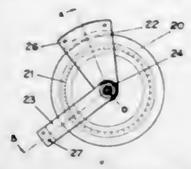
1. Apparatus for converting movement of vibrating bodies into unidirectional motion comprising, a body vibrating on account of any energy applied thereto and provided with a flat arcuate shaped spring when in a position of rest contacting at its free end with the periphery of a rotatable wheel at such a point which lies within the limits of the quadrant positioned from the side where the spring is fixed determined by a straight line parallel to the vibrating body and passing through the center of the wheel and a radial line perpendicular to the straight line, and said spring being so arranged that the plane of the movement of the vibrating body and the plane of the movement of the free end of the spring lie substantially transverse to each other, whereby the action of the spring is effective only when the arch of the spring straightens out on the wheel and its free end is directed in the same direction as the rotation of the wheel.

2,451,841
AURO-THIO-GLYCOLIC-ACID-ANILIDE AND METHOD OF MAKING THE SAME
Mozes Juda Lewenstein, New York, N. Y.
No Drawing. Application January 31, 1941, Serial No. 376,841
2 Claims. (Cl. 260—430)

1. As a new product, auro-thio-glycolic-acid-anilide.

2,451,842
CALCULATING INSTRUMENT
Dora Minna Liebmann and Gerhard Liebmann, Cambridge, England
Application January 20, 1945, Serial No. 573,722
In Great Britain February 10, 1944
9 Claims. (Cl. 235—84)

1. A calculating instrument comprising a disk shaped member, provided with a center hole, at least one fixed scale arranged on each side of said disk, a cursor constituted by two flat members, one flat member being arranged on either side of said disk, the said two flat members being joined together beyond the periphery of said disk and being joined together by a hollow bush inserted into said center hole and attaching the said cursor to the said disk, a second cursor constituted by two flat members, one flat member being arranged on either side of said first cursor, the said flat members being joined together beyond the outer edge of the said first cursor and being joined together by a journal inserted into

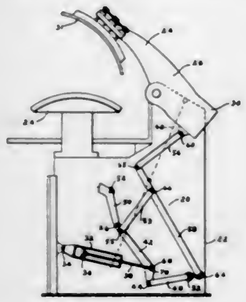


the said hollow bush and attaching the said second cursor to the said first cursor, each said flat member carrying at least one radial index line, the two said cursors being movable relatively to each other and relatively to said disk and being adapted to rotate around a common center and to slide over each other and over said disk, the said second cursor having no point of physical contact with said disk.

2,451,843
MANUFACTURE OF FLUOROALKANES
Carl B. Linn and Louis Schmerling, Riverside, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application May 31, 1946, Serial No. 673,608
4 Claims. (Cl. 260—653)

1. A process for producing 1-fluoro-3,3-dimethylbutane which comprises reacting ethylene, isobutylene and hydrogen fluoride at a temperature of from about —50° C. to about 100° C.

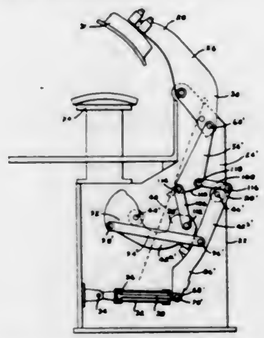
2,451,844
PRESSING MACHINE AND LINKAGE MECHANISM FOR TRANSMITTING AND TRANSFORMING FORCE FOR USE THEREIN
Frank C. Lornitzo, Pawtucket, R. I., assignor, by mesne assignments, to Pantex Manufacturing Corporation, a corporation of Delaware
Application October 18, 1941, Serial No. 415,600
10 Claims. (Cl. 38—41)



9. In a garment pressing machine, a frame, a pressing buck mounted on said frame, a pressing lever of the first class pivotally mounted on said frame having a power arm, a pressing head mounted on said pressing lever to move to a closed

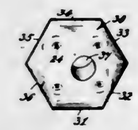
position into pressing contact with said buck and to an open position away therefrom, pivotally mounted motor means for actuating said pressing lever, means urging said pressing lever to an open position, mechanism connecting said motor means to the power arm of said pressing lever, consisting solely of rigid pivoting connecting members, comprising a power applying floating lever, a pair of spaced pivotal means, constraining means pivotally connected to said pivotal means and to spaced points on said floating lever to constrain said spaced points to arcuate paths with respect to said pivotal means and rigid means pivotally connecting said mechanism to said pressing lever power arm and to said motor means, certain of said constraining means being transmutable to alternately function as successive fulcrums for said floating power applying lever and as guide means for said floating power applying lever, said floating power applying lever, said constraining means and said rigid means being so constructed and connected respectively to each other and to said pressing lever power arm and the movement permitted by said constraining means being such as to transmit to said pressing head the substantially even force supplied by said motor means against the force of said urging means while actuating said pressing lever, while transforming it into a relatively extremely light force applied to said pressing head during its closing period and a relatively extremely heavy substantially constant force applied to said pressing head during its pressing period after an extremely short intermediate rapid force increasing transmutation fulcrum changing period during which said pressing head contacts said buck; and also transforming said even force to cause an extremely rapid relative movement of said pressing head during its closing period and a relatively slow movement of said pressing head during its pressing period after said extremely short intermediate transmutation period.

2,451,845
PRESSING MACHINE AND MULTIPLE LEVER LINKAGE MECHANISM FOR TRANSMITTING AND TRANSFORMING FORCE FOR USE THEREIN
Frank C. Lornitzo and Herbert G. Beede, Pawtucket, R. I., assignors, by mesne assignments, to Pantex Manufacturing Corporation, a corporation of Delaware
Application October 20, 1941, Serial No. 415,778
2 Claims. (Cl. 38—41)



1. In a garment pressing machine, a frame, a pressing buck mounted on said frame, a pressing lever of the first class pivotally mounted on said frame, a pressing head mounted on said pressing lever to move to a closed position into pressing contact with said buck and to an open position away therefrom, motor means for actuating said pressing lever, means urging said pressing lever to an open position, a booster power applying lever of the first class comprising a lower toggle link having a long arm and a short arm, pivotable on a single fixed pivot on said frame, effective to apply a slow movement and a large force to said pressing head having said motor means pivotally connected at a single point adjacent the end of the long arm thereof, a second power applying lever of the first class having a long arm and a short arm pivotable on a single fixed pivot on said frame, effective to apply a rapid movement and a small force to said pressing head, a link pivotally connecting a fixed point on the long arm of said first lever to a fixed point on the short arm of said second lever, a triangular member comprising an upper toggle link having the apex thereof pivotally connected to a single point on said pressing lever, a power transmitting link pivotally connecting a fixed point on the long arm of said second lever to a fixed point on the front end of the base of said triangular upper toggle link and a power transmitting link pivotally connecting a fixed point on the short arm of said first lever to a fixed point on the rear end of the base of said triangular upper link, said levers and interconnecting link means being so constructed, connected and guided as to transmit to said pressing head the substantially even force supplied by said motor means against the force of said urging means while actuating said pressing lever, while transforming it into a relatively extremely light force applied to said pressing head during its closing period and a relatively extremely heavy substantially constant force applied to said pressing head during its pressing period after an extremely short intermediate rapid force increasing effective leverage changing transmutation period during which said pressing head contacts said buck; and also transforming said even force to cause an extremely rapid relative movement of said pressing head during its closing period and a relatively slow movement of said pressing head during its pressing period after said extremely short intermediate effective fulcrum changing transmutation period.

2,451,846
NURSING BOTTLE HOLDER
Marie H. Love and Paul T. Love, Riverdale, N. Y.
Application November 28, 1945, Serial No. 631,252
2 Claims. (Cl. 248—105)



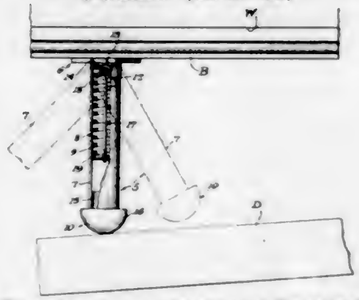
1. A nursing bottle holder comprising a yielding body of regular polygonal shape, said body having an opening through it from one end face to the other, the extremities of the openings being offset from the centers of said end faces at unequal distances from said centers and so disposed that the axis of said opening is inclined with respect to said end faces so that when the holder rests upon different side faces thereof, the height and inclination of the bottle is varied.

2,451,847
BASE STRUCTURE FOR ELECTRON DISCHARGE TUBES
Harry D. Madden, deceased, late of South Orange, N. J.; by Fidelity Union Trust Company, executor, Newark, N. J., and James W. Greenbowe, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 2, 1943, Serial No. 481,516
22 Claims. (Cl. 250—27.5)



1. A molded glass base having terminal posts extending therefrom and an exhausting stub disposed adjacent said posts, each post comprising a generally cylindrical terminal portion, a flared skirt extending therefrom and with its free edge embedded in the glass base, a lead extending beyond said skirt and projecting from the opposite surface of said glass base, the extreme end of said exhausting stub having a socket for connection with an exhaust tube.

2,451,848
DOORSTOP
Charles H. Martin, Los Angeles, Calif.
Application March 20, 1946, Serial No. 655,706
3 Claims. (Cl. 16—86)



1. In a door stop, a base plate for attachment to a baseboard and having an integral ear formed and extending outwardly from and at right angles to said plate provided with an eye, a rod having a hook on one end engaged in said eye, an abutment plate on the rod, a tubular stem engaged over the rod and having an inwardly directed flange and a central opening, and compressible means engaged with the abutment plate and the stem for normally holding the latter at right angles to the base plate.

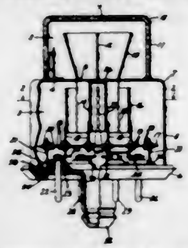
2,451,849
DENTAL ACCESSORY
Santo A. Massimiano, Merchantville, N. J.
Application September 4, 1946, Serial No. 694,716
1 Claim. (Cl. 132—92)

A dental accessory comprising a resilient holder provided with a substantially circular opening to receive a spool of dental floss, said holder including a pair of convergent members providing an extension arm, the free end portion of said arm at the convergence of said members being arcuated and terminating in a pointed extremity, said arcuate portion being formed with a longitudinally extending arcuate passage, an open sided recess provided at the inner end of said



passage and constituting a guide, and a cutter blade mounted adjacent the free end of said arm.

2,451,850
PHOTOSENSITIVE DISCHARGE DEVICE
Elmer D. McArthur, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 27, 1946, Serial No. 686,668
10 Claims. (Cl. 250—165)

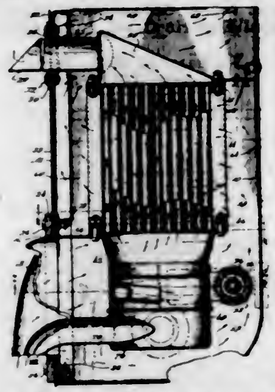


1. A photo-sensitive electric discharge device comprising an hermetically sealed envelope, a transverse metallic wall dividing said envelope into chambers disposed on opposite sides thereof, said wall having a portion external to said envelope, an aperture in said wall within said envelope, an electric discharge device comprising electrodes mounted within the chamber on one side of said wall including an anode, a cathode, and a control grid conductively connected to said wall, a photo-responsive discharge device comprising photo-responsive electrodes mounted within the chamber on the other side of said wall including a photo-emissive member and a photo-anode, and a window portion in said envelope operatively associated with said photo-emissive member, one of said photo-responsive electrodes being connected to said wall, the other through said aperture to one of said electrodes other than said grid whereby voltages between said photo-anode and said photo-emissive member induced by photo-emission therebetween may be impressed between said electrodes, said portion of said wall constituting an externally accessible terminal for said control grid and said one of said photo-responsive electrodes and a heat dissipating surface for cooling said device.

2,451,851
INTERNAL-COMBUSTION HEATER FOR HEATING AIR
Henry J. De N. McCollum, Chicago, Ill.; Thelma McCollum, executrix of said Henry J. De N. McCollum, deceased, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application January 1, 1944, Serial No. 516,648
6 Claims. (Cl. 126—116)

1. In an air heater, the combination of means forming a combustion chamber and a heat exchanger immediately adjacent said chamber for

transferring heat from the hot products of combustion to a current of air in out-of-contact relation thereto, said heat exchanger comprising a pair of headers with tubes connecting them and forming conduits for said hot products of combustion, one header constituting one wall of the combustion chamber and having a surface exposed to said hot gases as they approach the tubes to flow longitudinally through them, said tubes being secured in said header in intimate contact therewith and being closely spaced, the total area



of contact of said tubes with the header being at least equal to the total area of the header exposed toward the combustion chamber, said header and tubes being of a metal of high thermal conductivity and having a thick wall of cross sectional area approximately half the cross sectional area of the tube, whereby the heat absorbed by the header is rapidly transmitted to the tubes and distributed throughout the length of said tubes by conduction, and means directing a current of ventilating air across and between said tubes.

2,451,852
BETA-ALLYLAMINO PROPIONITRILES
William M. McLamore, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application September 24, 1945, Serial No. 618,402
3 Claims. (Cl. 260—465.5)

3. A n-beta-cyanoethyl substituted allylamine.

2,451,853
MANUFACTURE OF PENICILLIN
Thomas Hobson Mead and Maurice Vincent Stack, London, and Ernest Lester Smith, North Harrow, England, assignors to Therapeutic Research Corporation of Great Britain Limited, London, England
No Drawing. Application August 4, 1945, Serial No. 609,020. In Great Britain October 31, 1944
3 Claims. (Cl. 195—36)

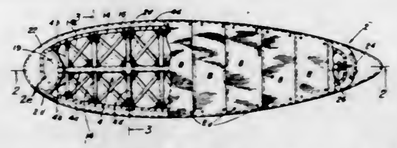
1. A process for manufacturing penicillin which comprises growing a penicillin producing mold in a nutrient medium containing corn steep liquor and containing an added amount over that contained in any corn steep liquor present of at least one substance selected from the group consisting of β-phenylethylamine, β-p-hydroxyphenylethylamine and salts of said amines, said substance being added in an amount producing a concentration not exceeding 1% by weight of the medium.

2,451,854
DRY SPINNING APPARATUS
Albert J. Mehler, Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application June 15, 1944, Serial No. 540,471
1 Claim. (Cl. 18—8)



In a spinning cell comprising a sight-box opening at the upper end thereof and adapted for the spinning of cellulose acetate yarn from acetone solutions of cellulose acetate, the improvement which comprises a yarn outlet means at the bottom of the cell, said yarn outlet means comprising an open-ended tube provided at its upper end with an outwardly extending flange through which said tube is removably attached to the bottom end of the spinning cell; a small opening in the side wall of the tube adapted to be connected with an aspirating line, a large screened opening in the side wall of the tube diametrically opposite said small opening, a second tube removably fitted snugly within said open-ended tube in such manner that vapors cannot pass between the walls of said tubes, said second tube being closed at the top except for a removable plate having an orifice therein, said orifice being of such size that the amount of acetone vapor flowing therethrough of its own weight, plus the acetone vapor entrained by the filaments, substantially balances the amount of acetone formed in the cell by evaporation, and a small opening and a large opening in the side wall of the second tube registering with the small and large openings respectively in said open-ended tube, the lower end of said cell being sealed except for said orifice in said removable orifice plate.

2,451,855
BOAT
Pierre Ernest Mercier and Raymond Villers-Allerand, New York, N. Y.; said Mercier assignor to said Villers-Allerand
Application August 10, 1945, Serial No. 610,070
8 Claims. (Cl. 9—1)



1. A boat comprising a keel frame, a deck frame secured to said keel frame at spaced points, an inextensible flexible skin enclosing said frames and forming the outer walls of the boat, longitudinally disposed inflatable members below the deck frame and within the skin and inextensible

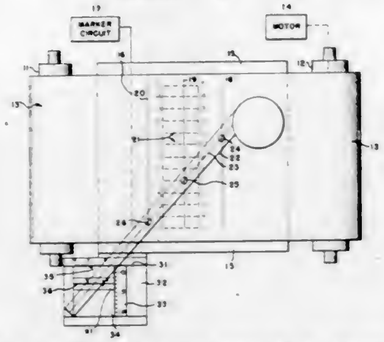
flexible members intermediate said inflatable members for forcing the same when inflated against the skin member whereby the walls of the hull of the boat may have a predetermined contour.

2,451,856

MECHANICAL DEVICE FOR DETERMINING THE FUTURE POSITION OF AIRCRAFT

Edward E. Miller, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War

Application July 9, 1945, Serial No. 604,055
3 Claims. (Cl. 33—1)



3. A mechanical device adapted to be used in combination with a transparent record sheet for indicating the future position of aircraft and time of arrival at a predetermined point by the use of data derived from radio object-locating equipment, said device comprising driving means, electrical marking means for burning lines at intervals in the record sheet, a surface having suitable range calibrations thereon, means driven by said driving means for moving the transparent record sheet over said surface and past said marking means at a uniform rate, a first scale calibrated in time units and disposed adjacent said supporting means, a second scale calibrated in distance units and having a first index thereon, said first scale and said second scale being disposed at right angles to each other, said second scale being further disposed so as to be movable relative to said first scale whereby said first index will indicate the relative positions thereof, a third scale calibrated in time units and having a second index thereon, said first and third scales being disposed parallel to each other and said third scale being further disposed so as to be movable relative to said second scale whereby said second index will indicate the relative positions thereof, and a straight edge adapted to be aligned through plotted points on the record sheet and moved therewith whereby the future position and time of arrival of an aircraft at a predetermined point may be determined from the crossing of said straight edge and points on said third scale.

2,451,857

SEPARATION OF CAPRYL ALCOHOL FROM METHYL HEXYL KETONE BY ALKALI TREATMENT AND DISTILLATION

John J. Miskel, Brooklyn, and Bernard A. Dombrow, New York, N. Y., assignors to Nopco Chemical Company, a corporation of New Jersey

No Drawing. Application June 1, 1944, Serial No. 538,334
6 Claims. (Cl. 202—57)

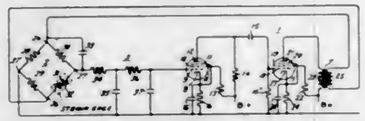
1. A process for separating capryl alcohol from methyl hexyl ketone which comprises heating under substantially anhydrous conditions a mixture of said compounds with a condensing agent of the group consisting of the oxides, hydroxides, alkoxides, and amides of sodium, potassium and lithium to change the ketone to polymeric form, and separating the capryl alcohol from the polymeric ketone.

2,451,858

CONTROLLED FREQUENCY OSCILLATOR

Raymond P. Mork, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application January 26, 1945, Serial No. 574,658
11 Claims. (Cl. 250—36)



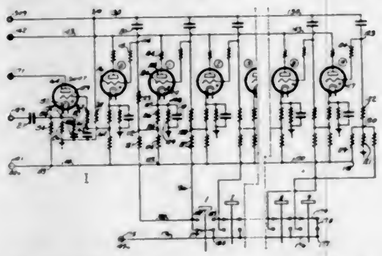
1. A frequency controlled oscillator comprising an electron discharge amplifier having input and output circuits, and means for supplying oscillations from said output to said input circuit comprising a network for shifting the phase of oscillations by an amount determined by the frequency of said oscillations and a second network for shifting the phase of said oscillations by a selectable amount substantially independent of said frequency.

2,451,859

ELECTRON TUBE VARIABLE IMPULSE COMMUNICATION SYSTEM

Robert E. Mumma and Francis X. Bucher, Dayton, Ohio, assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Application February 25, 1943, Serial No. 477,096
6 Claims. (Cl. 177—353)



1. In a communication system in which different numbers of signals are assigned to represent different symbols which may be transmitted and which comprises a sending station and a receiving station, the combination of means at the sending station for generating uniformly spaced bursts of different numbers of substantially identical signals according to the symbols being transmitted, which signals of a burst follow each other at a supersonic frequency; means to transmit the bursts of signals one after another over a single communication channel to the receiving station, with a uniform space or time interval between bursts; a plurality of means at the receiving station, responsive to the number of supersonic signals in the various bursts as they are received, and controlled solely by the number of signals, to set up direct representations of the symbols to which the different numbers of signals have been assigned; and means responsive to the signals in the bursts, and operated during the time interval between bursts, for routing the bursts to different ones of said plurality of means to cause the operation thereof to set up the symbols.

2,451,860

RAZOR HONING DEVICE

Vincent Munno, Hoboken, N. J.

Application April 12, 1946, Serial No. 661,778
3 Claims. (Cl. 51—214)



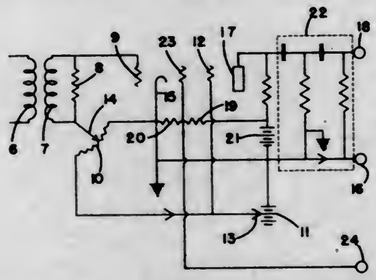
1. In a honing device having a U-shaped frame rotatively supporting a pair of balls in contact with each other adjacent the outer free ends of the flexible arms of said frame, means for varying the spacing of said arms to vary the pressure with which the balls engage each other, comprising bolts non-rotatively mounted in axial alignment on the inner faces of said arms and directed toward each other, said bolts having threads of opposite hand, and a tubular collar having said bolts threadedly engaged into its ends, whereby the collar may be turned in one direction to extend the bolts and spread the arms to reduce the pressure on the balls and in the opposite direction to draw the bolts together and relieve the arms to increase the pressure on the balls.

2,451,861

METHOD OF CONTROLLING PHASE RELATIONSHIPS IN AN ELECTRONIC CIRCUIT

Cleve C. Nash, Jr., Tulsa, Okla., assignor to Standard Oil Development Company, a corporation of Delaware

Application July 24, 1942, Serial No. 452,169
2 Claims. (Cl. 179—171)



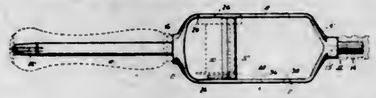
2. A method for maintaining a constant phase relationship in an amplifier tube, said tube having at least a cathode, an anode, a control grid, and a suppressor grid, comprising the steps of applying negative biasing voltages to the said control and suppressor grids and adjusting the ratio of the negative biasing voltages on the two grids until amplification may be varied by changing the value but not the ratio of the said biasing without changing the phase relationship between the anode and cathode of the said amplifying tube.

2,451,862

FISHING REEL SUPPORT OR FRAME

Noble A. Nelson, Chicago, Ill., assignor of one-fifth to Harold Freevol, one-fifth to Sam Smedberg, one-fifth to Howard Brandon, and one-fifth to Carl E. Anderson

Application August 26, 1943, Serial No. 500,038
2 Claims. (Cl. 43—20)



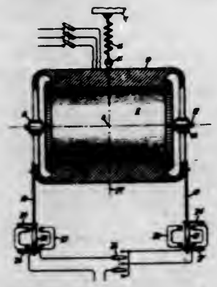
1. As an article of manufacture, a reel frame comprising a one piece integral member including an elongated housing having opposed side and end walls adapted to receive operating mechanism for the reel and in which the width of said side walls is greater than the diameter of the spool of said operating mechanism, said end walls being provided with laterally projecting elements, one being with securing means to receive a rod ferrule, and the other being provided as a core for a handle for said rod and reel and having securing means for a finishing cap for said handle, the upper and lower faces of the frame being open, and one or more reinforcing elements extending between said opposed side walls.

2,451,863

APPARATUS FOR BALANCING ROTORS

Henry D. Oakley, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application May 23, 1945, Serial No. 595,351
2 Claims. (Cl. 73—66)



1. In rotor balancing apparatus for use with a framework having bearing means for centrally rotatably supporting a rotor member to be balanced, means including a universal joint type of connection for resiliently suspending said framework from a point above the center of gravity of the combined framework and rotor member with the axis of rotation thereof horizontal to permit the framework to have freedom of movement in response to any unbalance of the rotor when the latter is rotating, such rotor unbalance producing a vibratory bodily movement of the framework or a vibratory tipping movement of the framework in a vertical plane passing through the axis of rotation or a combination of such movements depending upon the nature of the rotor unbalance and at a frequency corresponding to the speed of rotation of the rotor member, a pair of means including movable parts secured to said framework for producing alternating current voltages of a frequency corresponding to the speed of rotation and respective-

ly proportional to the vertical movements of the framework at points equally distant horizontally from the point of suspension measured along the axis of rotation, and a circuit including a reversing switch for connecting said voltage producing means in series to obtain a summation voltage which is proportional to the vertical bodily movement of said framework when the reversing switch is in one position and is proportional to the tipping movement of said framework when the reversing switch is in a reverse position.

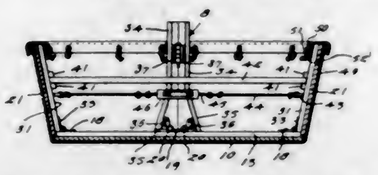
2,451,864
EXPLOSIVES
Daniel P. O'Brien, Stamford, Conn.
No Drawing. Application May 15, 1945, Serial No. 593,971
1 Claim. (Cl. 52—15)

An explosive containing magnesium, calcium phosphide and potassium perchlorate in substantially the proportions by weight of 32 parts magnesium, 2 parts calcium phosphide and 1 part potassium perchlorate.

2,451,865
ADHESIVE MATERIAL
William J. O'Brien, West Haven, Conn., assignor to The Seamless Rubber Company, New Haven, Conn., a corporation of Connecticut
No Drawing. Application May 7, 1945, Serial No. 592,529
6 Claims. (Cl. 260—23)

1. A composition used as an adhesive and containing four principal components, of which the first is zinc oxide, the second a resinous material, the third a rubbery component, and the fourth a factice, the resinous component being in excess of 18% by weight so as to render the mass tacky; comprising a material from the group consisting of hydrogenated rosin, glyceryl ester of hydrogenated rosin, dehydroabietic acid and wood rosin, the rubbery component being material of the group consisting of polyisobutylene of molecular weight between 80,000 and 120,000 and a rubbery copolymer of isobutylene and a diolefine in approximately the proportions of 98:2, and mixtures thereof, the factice being light in color and consisting of a highly refined cured vegetable oil of the group consisting of rapeseed oil and linseed oil.

2,451,866
COLLAPSIBLE BOAT
Clyde Ormond, Rigby, Idaho
Application November 24, 1944, Serial No. 565,004
1 Claim. (Cl. 9—2)

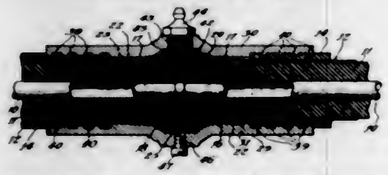


In a collapsible boat, a bottom section, side sections converging at a pair of their ends to form a bow, a stern section, said sections being detachably connected together, a flexible covering for said sections, said covering terminating at its upper edges at the upper edges of the side sections and stern section, a strip extending longitudinally of the side and stern sections, detachable connections between the outer edges of the strip and the upper edges of the covering, eyes at the inside of the side and stern sections and tie members between the strip and the eyes, said strip being flexible to permit disposition over the upper edges of the side and stern sections.

2,451,867
MELAMINE-FORMALDEHYDE RESIN DISPERSION IN A NONBASIC WATER-SOLUBLE ALCOHOL MEDIUM
Gilbert Pitzl, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 6, 1944, Serial No. 543,727
8 Claims. (Cl. 260—29.4)

1. A composition comprising a partially polymerized malamine-formaldehyde resin insoluble in water in concentrations below 35% but soluble within the range of concentrations from 35% to 70%, dispersed in a liquid medium comprising essentially a non-basic water-soluble alcohol from the group consisting of dihydric and trihydric alcohols as the disperse medium and from 0.4 to 0.6 part of hydroxy acetic acid per part of resin, said composition being capable of being diluted with water without precipitation of resin.

2,451,868
JOINT FOR HIGH-FREQUENCY TRANSMISSION LINES
Edward Clarke Quackenbush, Roselle, Ill., and Harner Selvidge, Silver Spring, Md.
Application January 18, 1943, Serial No. 472,708
6 Claims. (Cl. 174—88)

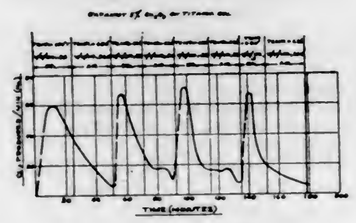


1. In a joint for a high frequency transmission line having inner and outer coaxial conductors maintained in spaced relation by a continuous solid dielectric, individual coupling means of conducting material joining the adjacent ends of the coaxial conductors together, said coupling means substantially following the diameters of their corresponding conductors for maintaining the characteristic impedance of the transmission line uniform throughout the joint, the adjacent ends of the solid dielectric of the coaxial line being spaced apart at said joint to provide a recess between said coupling means for dielectric material, and a separate dielectric material completely filling said recess, said separate dielectric material having substantially the same dielectric constant and as high a voltage breakdown characteristic as the dielectric provided in the transmission line.

2,451,869
CATALYZED OXIDATION PROCESSES
John C. Rapean and William E. Ross, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application October 10, 1944, Serial No. 558,281
11 Claims. (Cl. 260—610)

1. In a process for the production of peroxidic compounds selected from the group consisting of tertiary butyl hydroperoxide, di(tertiary butyl) peroxide and mixtures thereof, the steps of continuously conveying a vaporous mixture comprising substantially equivolumetric vaporous amounts of isobutane and oxygen and a volumetric amount of hydrogen bromide equal to about one half that of the isobutane through a reaction vessel having inner surfaces of a hard glass, maintaining said reactants in the reaction vessel at a temperature of about 200° C. at a superatmospheric pressure and for a period of time sufficient to effect the oxidation of the isobutane to said peroxidic compounds, and periodically interrupting said oxidation step to reactivate the reaction vessel walls by subjecting them, at a temperature of between about 275° C. and about 325° C., to the action of nitrogen dioxide.

2,451,870
CHLORINE MANUFACTURE
Roger W. Richardson and Jerry A. Pierce, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware
Application September 4, 1942, Serial No. 457,286
9 Claims. (Cl. 23—219)

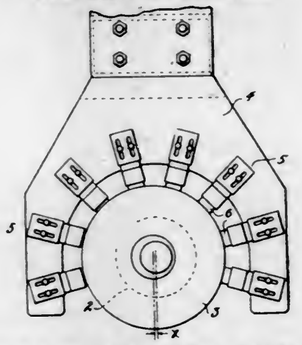


1. A continuous process for the preparation of chlorine directly from hydrogen chloride without any intermediate formation of chlorides on the catalyst, which consists in passing hydrogen chloride gas at a rate between 20 and 60 volumes of gas per volume of catalyst per hour over a catalyst mass pre-heated between 2 and 18 hours in an oxygen-containing gas to a temperature between about 500° F. and 850° F., said catalyst mass containing chromium sesquioxide supported on titania gel, the hydrogen chloride gas being contacted with the catalyst mass, at a temperature from about 650° F. to about 850° F. until the rate of production of chlorine rapidly decreases as the catalyst mass becomes spent, then disconnecting the hydrogen chloride supply, then passing air at a rate between 20 and 40 volumes of gas per volume of catalyst per hour over the spent mass for a period of time about the same as that during which the hydrogen chloride was passed over the initial mass, and at a temperature between about 800° F. and about 900° F., disconnecting the air supply and repeating the cycle of passing the hydrogen chloride over the mass and the subsequent passing of air over the spent mass.

2,451,871
DIMETHYL GERMANIUM DICHLORIDE
Eugene G. Rochow, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application August 17, 1946, Serial No. 691,399
1 Claim. (Cl. 260—429)

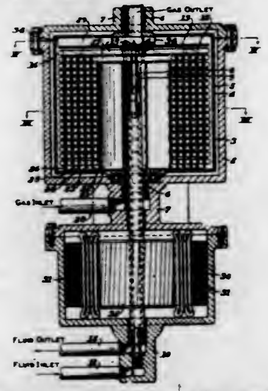
Dimethyl germanium dichloride.

2,451,872
COLLECTOR DRUM
Howard C. Rodgers, Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company, a corporation of Alabama
Application October 16, 1946, Serial No. 703,544
2 Claims. (Cl. 173—324)



1. Apparatus for supplying electrical current to a rotatable element comprising a collector drum, an axis for said collector drum, means for mounting said collector drum for rotation eccentrically about said axis, electrical contact brushes mounted peripherally of said collector drum and extending radially inwardly toward the axis thereof, and resilient means for influencing said brushes inwardly toward the periphery of said collector drum whereby sticking of the brushes is eliminated.

2,451,873
PROCESS AND APPARATUS FOR HEATING BY CENTRIFUGAL COMPRESSION
John R. Roebuck, Madison, Wis.
Application April 30, 1946, Serial No. 666,040
8 Claims. (Cl. 62—170)



1. A heating process comprising subjecting a flowing gas to centrifugal action in a rotating enclosure and thereby compressing and heating the gas, passing a thermoconductive substance in thermoconductive relationship with the gas simultaneously with said compressing after the gas has been heated to a desired extent and by the thermoconductive substance abstracting heat from the heated gas and conducting the thermoconductive substance through heat transfer means whereby the thermoconductive substance acts as a heating medium.

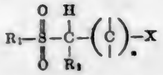
2,451,874

CORROSION INHIBITING COMPOSITION

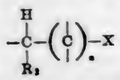
Willis G. Routson, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 28, 1944, Serial No. 542,613
21 Claims. (Cl. 252—333)

1. A composition of matter comprising a major amount of a liquid hydrocarbon containing finely dispersed therein a minor amount, sufficient to inhibit corrosion, of an organic sulfone of the formula



wherein R_1 is an aryl radical, a nuclear atom of which is directly connected to S; R_2 is a radical from the group consisting of an alkyl, aralkyl, and cycloalkyl radical in which the alkyl group is a long chain; X is a radical from the group consisting of a carboxyl radical and a metal salt thereof and n plus one is an integer of one to four; the



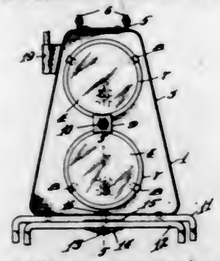
portion of the sulfone having a minimum of about 10 carbon atoms which render the sulfone oil-soluble.

2,451,875

TRAFFIC SIGNALING DEVICE

Charles D. Ryder, Covington, Ky., assignor to The Grote Manufacturing Company, Bellevue, Ky., a corporation of Kentucky

Application October 17, 1945, Serial No. 622,840
5 Claims. (Cl. 248—33)



3. A road traffic signaling device of the nature disclosed, comprising: a pair of panels, each having a light reflecting face side, the panels hingedly connected for a swinging one about the other to alternately enclose or expose the light reflecting face sides of the panels, and a pair of claw bars, one fixed longitudinally to the lower end of one of the panels, the bars in pivotal union to adjust the same to a relative divergent position to sustain the panels as a unit perpendicularly from the ground surface upon which the device is stationed.

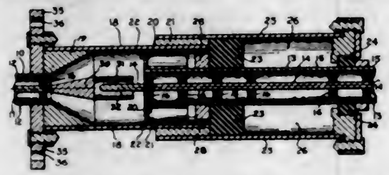
2,451,876

RADIO-FREQUENCY JOINT

Winfield W. Salisbury, Arlington, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy

Application June 5, 1943, Serial No. 489,844
25 Claims. (Cl. 178—44)

1. A joint providing for transfer of radio-frequency energy between two electrically conducting surfaces which includes an electrical resonator one electrical dimension of which is substantially a half-wave length for said radio-frequency, said resonator having a mouth constituted by a gap between said surfaces and located at one end of said half-wave length dimension, said resonator



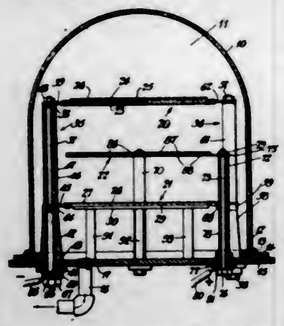
having also a terminating conducting wall at the other end of said dimension and being so constructed that an interruption is present in the wall of said resonator, other than said mouth, as a result of the assembly of said joint, located at a place approximately an electrical quarter-wave length from said terminating wall.

2,451,877

METHOD OF MANUFACTURING OSCILLATOR PLATES

Wallace H. E. Samuelson, Weehawken, N. J., assignor, by mesne assignments, to Reeves Hoffman Corporation, Carlisle, Pa., a corporation of Pennsylvania

Application October 6, 1945, Serial No. 620,720
3 Claims. (Cl. 204—192)



1. The method of simultaneously producing by cathode sputtering electrode coatings on the opposed major faces of an oscillator plate, which consists in supporting the plate with one major face resting downwardly on an apertured anodic support in bridging relation to the aperture whereby said face is partially shielded and partially exposed, exposing at least a part of the opposed major face of the plate, and cathode sputtering metallic coatings on the exposed areas of said plate by passing a high voltage across said anodic support and a coating-metal-disintegrating cathode.

2,451,878

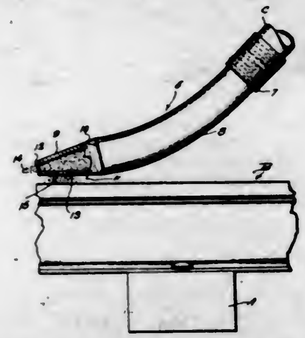
SANDING NOZZLE

John D. Savercool, Cranford, N. J.

Application October 15, 1946, Serial No. 703,389
2 Claims. (Cl. 291—46)

1. In a structural combination of the class described, a track rail, a car wheel thereon, a sand delivery pipe adapted for connection at one end with a source of sand supply and restricted air delivery means, and a sand dispensing nozzle unit

connected to the lower said and air discharge end of said delivery pipe, said nozzle unit being longitudinally curved and having an elongated cylindrical body portion and a tapered tip constituting a discharge end, said tapered tip being substantially rectangular in cross-sectional form and including converging side walls, a downwardly tapered wall, and a complemental rectilinearly straight bottom wall, said walls combin-



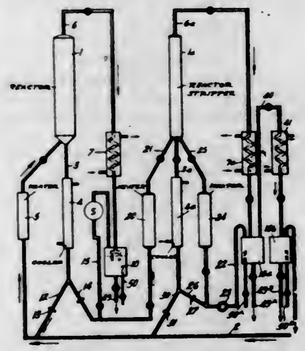
ing and defining a restricted sand issuance orifice of a cross-section considerably less than the cross-section of said body, and said bottom wall having an opening, said opening being spaced inwardly from said orifice, whereby sand is discharged simultaneously through said issuance orifice and bottom opening, the discharging sand from the latter being deposited on that portion of the rail beneath said opening.

2,451,879

HYDROCARBON SYNTHESIS

Walter G. Scharmann, Westfield, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application April 25, 1945, Serial No. 590,219
6 Claims. (Cl. 260—449.6)



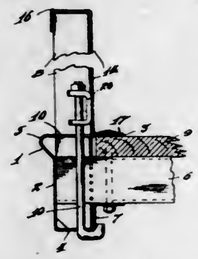
1. The method of operating a hydrocarbon synthesis plant continuously, which comprises providing at least two reaction zones containing fluidized masses of powdered catalyst, charging a gaseous mixture containing CO and hydrogen to the said reaction zones, permitting the CO and hydrogen to contact the catalyst in the reaction zones at reaction temperature for a sufficient period of time to effect a conversion of CO with hydrogen into hydrocarbons and maintaining the catalyst in the first of said zones substantially free of oily and waxy material by continuously withdrawing catalyst from said first reaction zone and charging it to a second one of said reaction zones, subjecting the catalyst in said second reaction zone to a higher temperature than that prevailing in the first zone whereby oily and waxy materials are removed by volatilization, said conversion taking place simultaneously in said second zone, discharging volatile hydrocarbons into said second zone for the purpose of augmenting the volatilization taking place, and thereafter withdrawing the cleansed catalyst and returning it to the first-named zone.

2,451,880

CARGO CARRYING VEHICLE BODY

Wallace H. Seckel, Galion, Ohio, assignor to The Perfection Steel Body Company, Galion, Ohio, a corporation of Ohio

Application January 5, 1945, Serial No. 571,531
1 Claim. (Cl. 296—10)



A body of a cargo carrying vehicle, comprising: a platform having a side rail of channel form in cross section for each of the opposite sides of the platform with the flanges of each rail extending inwardly in the plane of the platform, the top flange thereof having apertures therethrough at intervals longitudinally of the rail, each for traversing an end of a stake for making a socket connection with the rail, the bottom flange terminating with a right angled bend extending inwardly of the channel forming a shoulder longitudinally of the rail in spaced parallelism with the web of the rail and therewith providing a socket for the ends of the stakes, side panels of sheet metal each respectively sustained upon a relative side rail of the platform and at its base end having a lateral flange extending from the inner side of the panel longitudinally thereof and bearing upon the top flange of the rail and bolts mounted upon the outer side of the panel, each having its shank traversing an aperture in each of the flanges of the rail with its head end in anchoring connection with the outerside of the bottom flange of the rail.

2,451,881

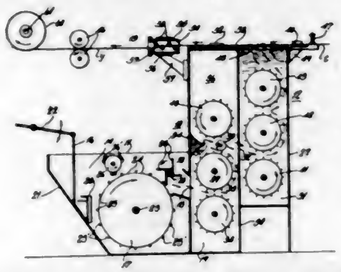
APPARATUS FOR FORMING FUR FILLED YARN

Morris H. Siegel and Frances Sonin, New York, N. Y.

Original application October 11, 1943, Serial No. 505,716. Divided and this application August 30, 1946, Serial No. 693,900
10 Claims. (Cl. 57—5)

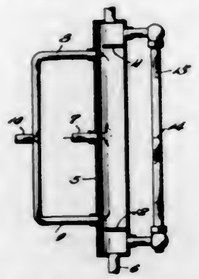
1. Apparatus for applying fur hair fluff to an adhesively coated thread, the combination of means forming a narrow slot, means for moving a thread under tension while rotating the same,

means for guiding the thread to pass lengthwise over and close to the slot in position substantially



closing the slot and means for lifting the fluff upwardly through the slot and on to the thread.

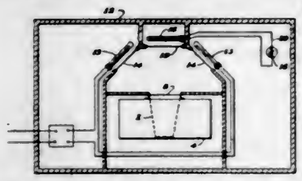
2,451,882
LIQUID PROPORTIONING GAUGE OR INDICATOR
Walter C. J. Smith, Regina, Saskatchewan, Canada
Application August 17, 1945, Serial No. 611,159
1 Claim. (Cl. 73—53)



A gauge of the class described comprising a vertical tube, an inlet at an intermediate portion of the tube adapted to admit a mixture of relatively heavy and light liquids into the tube, outlets at the upper and lower portions of the tube to provide for a circulation of the liquid vertically in the tube downwardly and upwardly from the inlet, a sight gauge connected to the tube between the outlets and the ends of the tube to arrange the same out of the path of circulation of the liquid, and baffles in the tube between the outlets and the connections of the sight gauge to the tube to prevent circulation of the liquid through the gauge.

2,451,883
GEOPHYSICAL PROSPECTING
Rodney M. Squires, Alice, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application October 25, 1945, Serial No. 624,563
10 Claims. (Cl. 250—71)

1. A method of prospecting for subterranean petroliferous deposits which comprises collecting a number of soil samples at strategic locations in a prospect area, similarly and separately treating said samples by contacting with an organic solvent to extract significant organic constituents related to the sought deposits therefrom, subsequently removing said solvent from contact with said samples by evaporating said solvent from a relatively small fixed area of sample surface exposed to the atmosphere whereby the significant organic soil substances extracted from said sample are deposited on the exposed surface thereof, determining the fluorescence of the exposed sam-



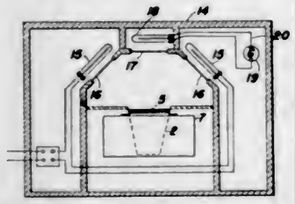
ple surfaces, and correlating the fluorescence values obtained for the different samples in relation to the respective sampling locations in order to derive information as to the presence and location of a sought deposit.

2,451,884
BAR MOUNTING FIXTURE
Otto E. Stelzer, South Bend, Ind.
Application August 16, 1947, Serial No. 768,972
3 Claims. (Cl. 211—123)



1. A device of the character described, comprising a pair of brackets adapted to be mounted on a support in spaced relation and each including a guide portion having a bar-receiving aperture, a bar fitting in said apertures at its opposite ends, and a pair of decorative caps each having a guided slide fit on a bracket and a bar-receiving aperture registering with the bracket aperture, said guide portion including a rigid plate portion disposed substantially perpendicular to said bar and said cap having interior grooves having a snug sliding fit on the opposite margins of said plate portion.

2,451,885
GEOCHEMICAL PROSPECTING
Nelson P. Stevens, Dallas, and Rodney M. Squires, Alice, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application January 11, 1946, Serial No. 640,593
11 Claims. (Cl. 250—71)



1. The method of determining the fluorescence of a soil sample which comprises the steps of placing said sample in a vessel adapted to expose a relatively small portion of the potential surface of said sample to the atmosphere, covering said exposed surface with a layer of granulated material which is substantially free of organic matter and which is substantially non-fluorescent in character, adding a predetermined amount of an organic solvent to the sample vessel to contact the sample and said granular material to extract organic constituents of said sample, removing the solvent from contact with said sample and said granular material by evaporating it from the surface of said material under conditions such that the desired, indicative portion of the extracted soil constituents are not vaporized along with the solvent but are deposited on the surface of said covering layer as the solvent is evaporated and measuring the fluorescence of the surface of said layer after the solvent has been practically completely removed from said sample and said layer.

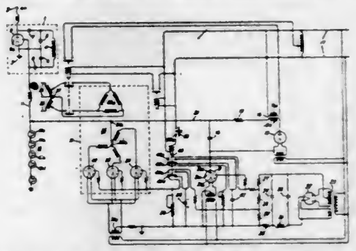
2,451,886
ELECTRICAL MEASURING INSTRUMENT
Allen G. Stimson, Lynnfield, Mass., assignor to General Electric Company, a corporation of New York
Original application June 9, 1944, Serial No. 539,546. Divided and this application April 13, 1945, Serial No. 588,196
5 Claims. (Cl. 171—95)



1. In an electrical measuring instrument, a laminated field core of generally U shape with the laminations parallel with the plane of the U and having a yoke portion and pole piece portions at either end of the yoke portion, an energizing coil on the yoke portion, the pole piece portions of the core being thicker than the yoke portion in a direction at right angles to the plane of the laminations, and having the center of the pole piece portions offset from the center of the yoke portion in one direction at right angles to the plane of the laminations.

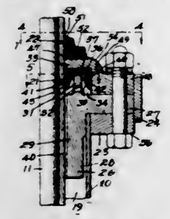
2,451,887
KEYING CONTROL SYSTEM FOR OSCILLATORS
Herbert F. Storm and Ernest W. Hutton, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application November 20, 1946, Serial No. 711,164
2 Claims. (Cl. 250—36)

1. In combination an electric valve oscillator comprising an electric valve having a cathode and a control grid and a bias resistor connected between said grid and cathode, means for terminating the oscillations of said oscillator comprising a circuit in parallel with said bias resistor including a capacitor and a second electric valve, means for charging said capacitor and means for firing said second valve to discharge said capacitor to supply to said grid a negative pulse voltage having a rate of decay substantially equal



to the rate of decay of said oscillations, and means for supplying to said grid a negative hold-off voltage having a substantially smaller magnitude than said pulse voltage.

2,451,888
PISTON OIL SEAL AND WIPER ASSEMBLY
Elmer B. Thompson, Des Moines, Iowa, assignor to Globe Hoist Company, Des Moines, Iowa, a corporation of Iowa
Application February 16, 1945, Serial No. 578,177
1 Claim. (Cl. 286—18)

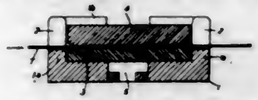


In a hydraulic hoist having a cylinder with a piston therein, a flange about the top of said cylinder having a flat top surface with an upright annular projection thereon, a piston oil seal including a ring member having a flat bottom surface for mating engagement with said top surface, and an undercut recess for receiving said projection, a packing member of substantially inverted U-shape in cross section positioned within said recess, a first spring member positionable between the legs of said packing member and adapted to be engaged by said projection whereby to yieldably urge said legs apart from each other, a piston wiper of substantially L shape in cross section having one leg portion supported on the top of said ring member and the other leg portion in wiping engagement with the piston, a second spring member extended across the top of said wiper member between the ends thereof, a clamping ring adapted to fit over the top surfaces of said second spring member and said ring member, and means extended through said clamping ring, ring member and said flange to clamp the same together.

2,451,889
THREAD TENSIONING DEVICE
Ralph Norman Toone, Wollaton Park, Nottingham, England
Application September 14, 1945, Serial No. 616,229
In Great Britain June 22, 1945
3 Claims. (Cl. 242—149)

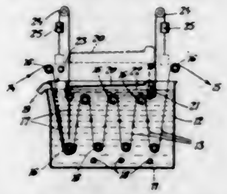
1. A thread-tensioning device, comprising two members tapered in width and resting one on

another, and a plurality of guides providing a plurality of alternative paths for a thread be-



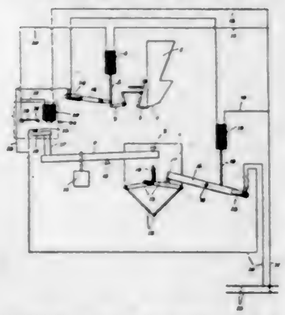
tween the two members, which paths are of differing lengths between the two members by virtue of the taper of said members.

2,451,890
COLLECTION OF GASES FROM ARTIFICIAL SILK AND THE LIKE
Wacław Ufnowski, Warsaw, Poland
Application August 4, 1939, Serial No. 288,452
In Poland September 13, 1938
Section 3, Public Law 690, August 8, 1946
Patent expires September 13, 1958
6 Claims. (Cl. 18—8)



3. Apparatus for recovering gases and vaporizable constituents from artificial cellulosic material which comprises a water tank having a cold zone and a heated zone, a hood extending over the heated zone of said tank with its lower edges dipping below the surface of the water in said tank, means for passing the cellulosic material to be treated continuously into the cold zone of said tank, through the heated zone under said hood and out of the tank, means for introducing cold water at the entrance end of the tank to maintain a cold zone therein, means for heating the heated zone of the tank, and a pipe for withdrawing gases from the hood.

2,451,891
CONTROL CIRCUIT FOR AUTOMATIC WEIGHING MACHINES
Edward J. Vagim, Fresno, Calif.
Application March 28, 1945, Serial No. 585,366
3 Claims. (Cl. 249—53)



1. An electric control circuit for an automatic weighing machine which includes a hopper assembly having a normally open gate, and a vertically movable scale bucket having a normally closed gate, the hopper assembly being disposed to feed the scale bucket; said control circuit comprising one solenoid operative to close the hopper assembly gate, another solenoid operative to open the scale bucket gate, an energizing circuit in which said solenoids are interposed, means in said circuit responsive to scale bucket lowering to a predetermined position to energize said one solenoid to close the hopper assembly gate, other means in said circuit responsive to closing of the hopper assembly gate to energize said other solenoid to open the scale bucket gate; and a separate switch means disposed in the circuit and which is responsive to opening of the scale bucket gate to break said circuit and deenergize both solenoids whereby the gates return to normal positions.

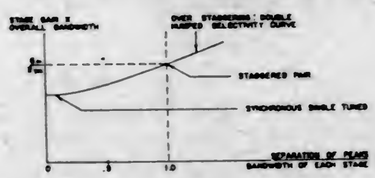
2,451,892
TOOL
Charles S. Van Brocklin, Portsmouth, N. H.
Application November 13, 1944, Serial No. 563,126
1 Claim. (Cl. 279—91)



A tool of the class described comprising in combination, a handle molded from plastic material about a holder member and a lock member whereby said members are immovable relative to one another and relative to said handle, said holder member having a lower portion projecting downwardly from the lower end of said handle and provided with an upwardly extending cylindrical bore open at the lower end of said member, said lock member disposed at the upper end of said holder member and having a lower lock portion depending therefrom into the upper end of the bore and being half-cylindrical in transverse cross-section and having an outer face contiguous with one side of said bore and an inner flat face spaced from an opposite side of said bore, a working member having an upper shank portion which is insertable in the bore of the holder member and is provided with an upper extremity which is half-cylindrical in transverse cross-section and has outer and inner faces complemental to the said opposite side of the bore and inner flat face of the lock portion whereby said shank is held against rotation relative to said holder, said shank provided with an externally screw threaded enlarged portion disposed adjacent the lower end of the holder member, the lower end of said holder member provided with an outwardly extending annular flange, and a nut rotatable on said lower end of the holder member between said flange and lower end of said handle having an internally screw threaded depending portion for screwing onto the screw threaded portion of said shank whereby

the said nut is held against axial movement relative to said holder member and said shank is held against longitudinal movement relative to said holder member.

2,451,893
STAGGER TUNED AMPLIFIER
Henry Wallman, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application August 30, 1945, Serial No. 613,605
7 Claims. (Cl. 179—171)



1. In a method of tuning an electronic amplifier including n serially connected stages, each of said stages being tuned to a resonant frequency by means of a single resonant circuit, the desired overall selectivity characteristic of said amplifier having a bandwidth Δf between points where the absolute value of the ordinate is approximately .707 of the value of said ordinate at frequency f_0, the desired maximum point of said characteristic, the ratio

$$\frac{\Delta f}{f_0}$$

being equal to a value δ, the steps including: combining a plurality of said stages into pairs, assigning to each of said pairs a number k, where k is a different value for each pair, said values being a series of successive odd integers beginning with one, assigning to each of said pairs a set of parameters d_k and α_k, where k is as defined above, determining values for d_k and α_k for each pair from the equations:

$$d_k^2=\frac{4+\delta^2-\sqrt{16+8\delta^2\cos\frac{k\pi}{n}+\delta^4}}{2}$$

and

$$\left(\alpha_k-\frac{1}{\alpha_k}\right)^2+d_k^2=\delta^2$$

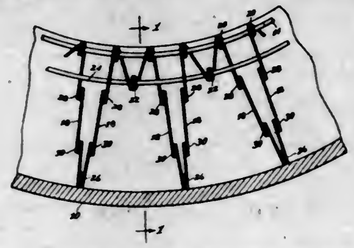
adjusting the circuit constants of each stage so that d_k is the approximate ratio of bandwidth to resonant frequency for each individual stage of each of said pairs, and so that the resonant frequency of the individual stages of each of said pairs are approximately $f_{0\alpha k}$ and

$$\frac{f_0}{\alpha_k}$$

respectively.

2,451,894
STEEL REINFORCED TIRE
Hollis K. Weed, Blakeley Island, Ala.
Application June 27, 1946, Serial No. 679,647
1 Claim. (Cl. 152—284)

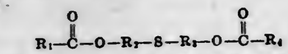
A filler for casings of motor vehicle tires comprising a pair of cables positioned around the inner surfaces of the walls of a tire and spaced from the open inner side thereof, coil springs positioned in a centrally disposed plane midway between the cables and extended inwardly into the casing, said coil springs having outwardly extending arms connected to the cables and urg-



ing the cables apart, and circular wire strands with spaced coils therein extending from the cables around the inner surface of the casing.

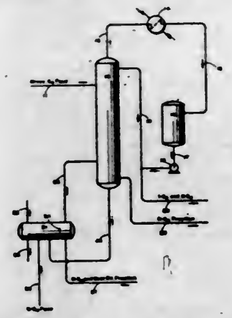
2,451,895
SYNTHETIC GREASE
Ellis Ross White, Berkeley, and Denham Harman, Albany, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application June 8, 1946, Serial No. 675,332
16 Claims. (Cl. 252—42.1)

2. A stable lubricating grease composition comprising as the major lubricating constituents thereof a thio-ether derivative having the general formula



wherein R_1 and R_4 are hydrocarbon radicals, R_2 and R_3 are aliphatic radicals, a lithium soap, from 4% to 40% of said major constituents being said soap and an oxidation inhibitor.

2,451,896
DISTILLATION OF BUTANE CONTAINING HIGH BOILING CONTAMINANTS
Glenn W. Wilson, Jr., Goose Creek, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application July 29, 1944, Serial No. 547,251
3 Claims. (Cl. 202—40)



1. A continuous method for distilling a primary feed mixture including at least a first component, a higher boiling second component, and a contaminating amount of a component boiling substantially higher than said second component comprising the steps of continuously introducing a stream of said primary feed mixture into a

medial portion of a fractional distillation column, maintaining the distillation column under temperature and pressure conditions to cause removal of predominantly said first component substantially free of the contaminating component as a vapor from the top of column, continuously condensing said vapor to form a condensate, continuously returning at least a portion of said condensate as reflux to an upper part of said column while recovering another portion as distillate product, continuously removing from the bottom of the column a first and a second liquid stream, said first stream being of greater volume than the second and each stream comprising predominantly said second component regulating the relative quantities of said first and second streams so that said second stream contains less than 10% by weight of the total high boiling components in the system, continuously recovering said second stream as liquid product, continuously introducing said first stream into a heated evaporation zone, supplementing the quantity of second component producible from said primary feed mixture by continuously introducing into the evaporation zone a second feed stream from a source external to said distillation column and different from said primary feed mixture, said second feed comprising predominantly said second component and contaminating amounts of higher boiling components substantially in excess of the amount in said second stream, continuously vaporizing a major portion of the second component in the evaporation zone, continuously returning the resultant vapors to a section of the distillation column above the point of withdrawal of said first liquid stream but below said medial portion, and continuously removing from the evaporation zone a liquid stream including approximately 90% by weight of the total high boiling contaminants introduced into the distillation column and the evaporation zone.

2,451,897

METHOD OF TREATING SHRIMP

Eric R. Woodward, New York, N. Y., assignor to Mathieson Chemical Corporation, a corporation of Virginia

No Drawing. Application November 23, 1946, Serial No. 711,826

3 Claims. (Cl. 99—111)

1. A method of inhibiting the iodoform taste sometimes encountered in shrimp which includes the step of treating shrimp with chlorine dioxide.

2,451,898

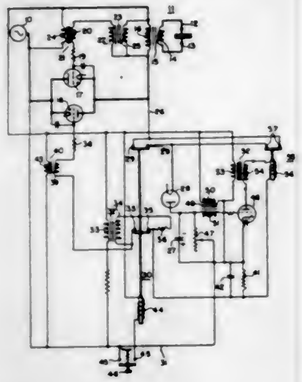
ELECTRONIC CONTROL SYSTEM

John H. Wyman, Morristown, N. J., assignor to Electrical Industries, Inc., Newark, N. J., a corporation of New Jersey

Application October 26, 1945, Serial No. 624,823

8 Claims. (Cl. 250—27)

7. A control system for controlling the translation of power from an alternating current power-supply source to a power load comprising, a first gas-discharge device having an anode and a cathode serially included between said source and said load and adapted to translate power from said source to said load during an interval when said device is conductive, energy-storage means, a unidirectional energizing circuit responsive to the potential drop across said anode and cathode for causing energy from said source to be stored in said energy-storage means during an interval when said device permits no power to be translated from said source to said load, means for rendering said device conductive to permit power to be translated from said source to said load, means for discharging energy from said energy-storage means during the interval when said device permits power to be translated from said source to said load, a second gas-discharge device normally nonconductive and having an output circuit load impedance included in a control circuit of said first device for rendering said first



device nonconductive during the interval when said second device is conductive, and means for causing said second device to become conductive upon the discharge of said energy to a predetermined value to render said first device nonconductive and terminate the translation of energy through said first device from said source to said load.

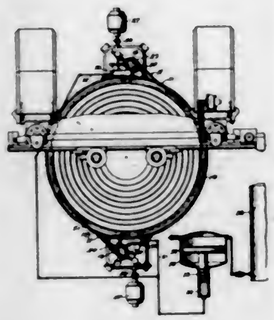
2,451,899

TABLE DRIVE MECHANISM

Lucien I. Yeomans and De Witt Clausen, Chicago, Ill., assignors to Lucien I. Yeomans, Inc., Chicago, Ill., a corporation of Illinois

Application December 26, 1942, Serial No. 470,262

5 Claims. (Cl. 74—221)



1. Mechanism for driving a rotary table comprising a linked chain, and means engaging said chain and positively driving the latter, said chain extending around a peripheral surface of said table and frictionally gripping the latter, said chain comprising a series of pivotally connected links each having side plates provided with enlarged ends and said table surface being formed with grooves spaced to receive said enlarged link ends.

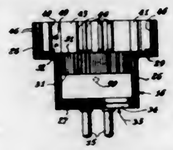
2,451,900

ELECTRICAL DISCHARGE DEVICE AND BASE

Irving Zambakian, Bloomfield, and Ward W. Watrous, Jr., Chatham, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 20, 1946, Serial No. 691,836

18 Claims. (Cl. 250—27.5)



1. A base for an electrical device comprising a hollow cylindrical cement-carrying portion with a bottom closure, and a plurality of electrical contact elements projecting therefrom, said cylindrical portion carrying internal ribs some of which form air-carrying ducts along the envelope of said electrical device when in place, said bottom closure having an aperture through which air for cooling may flow to said ribs.

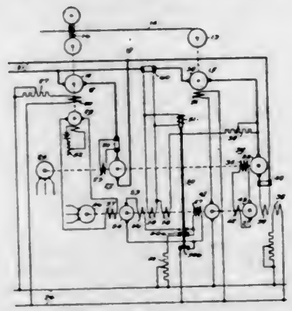
2,451,901

CONTROL SYSTEM FOR REEL MOTORS

Basil J. Auburn, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 13, 1946, Serial No. 683,315

9 Claims. (Cl. 318—6)



9. In a control system for a reel for strip material worked upon by roll means driven by a roll motor; a reel motor having a driving connection with the reel and having an armature and a field winding, means connecting the armature of the reel motor to the same source of electrical energy as the roll motor including a booster generator responsive to the armature current of the reel motor to maintain said current at a predetermined value; a regulating generator having a pattern field winding energized in accordance with the speed of the roll motor, a differential field winding energized in accordance with the counter-electromotive force of the reel motor armature operable to develop a control voltage, a compensating cumulative field winding energized in accordance with the armature current of the reel motor and a self-energized series field winding arranged to maintain the output under balanced conditions; means including a control generator having a field winding and an armature connected in circuit relation with the field winding of the reel motor for effecting energization thereof; and means selectively connecting the field winding of the control generator to a source of substantially constant voltage for providing a minimum value of field excitation or to the regulating generator variably controlling the field excitation.

2,451,902

PROCESS FOR COLOR CINEMATOGRAPHY ON LENTICULAR FILMS

Laurent Bassani and Gaston Gagnepain, Paris, France

Application May 10, 1945, Serial No. 592,956

In France December 22, 1944

3 Claims. (Cl. 88—16.4)



1. A method of color cinematography which comprises projecting on a screen through an objective and a color filter elementary color selective images which have been formed on a lenticular film and are adapted to occupy on said film variable positions from one particular film to the other with respect to the corresponding lenticulation, the light beam passing directly from the lenticular film to the color filter, and imparting to the filter an oscillatory movement whose amplitude is less than the amplitude corresponding to a displacement of an image on the lenticular film equal to the smallest cross-dimension of a lenticulation and proportional to the average displacement of the elementary images with respect to the corresponding lenticulation.

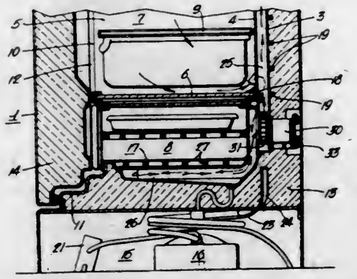
2,451,903

REFRIGERATOR HAVING A HEAT DISSIPATING DEVICE FOR THE ELECTRIC MOTOR THEREOF

John J. Bauman, Abington, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania

Application June 30, 1944, Serial No. 542,889

8 Claims. (Cl. 62—1)



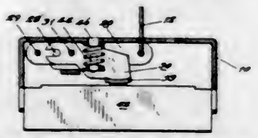
4. The combination with a motor compressor unit including motor-actuated pumping means mounted within and substantially free from contact with a housing; of a heat conductive member attached to said means in heat exchange relation therewith, said member being movable in response to heat in said means into contact with said housing to thereby afford a path for conduction of said heat to said housing.

2,451,904
LOCATING TOOL
Robert James A. Beatty, Dayton, Ohio, assignor to Aero Supply Mfg. Co., Inc., Corry, Pa.
Application July 15, 1946, Serial No. 683,654
1 Claim. (Cl. 33—169)



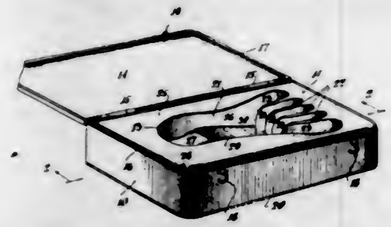
A centering tool for a metal working machine comprising an elongated shank having an axial bore therethrough and a concentric counterbore at the inner end thereof, said shank including a concentric annular enlargement at the outer end thereof, said enlargement having a precision ground peripheral surface and a precision ground outer end, a head formed with a precision ground inner end bearing against the outer end of said enlargement and having an outer diameter equal to the outer diameter of said enlargement, said head including a concentric workpiece engaging outer part of a diameter greater than the diameter of the inner part thereof, said head having a concentric axial bore and a coaxial counterbore extending inwardly from the outer end thereof, a spring disposed in the bore of said shank and head, and a pair of spring tensioning pins disposed one in each counterbore and engaging said spring whereby to yieldably hold said shank and head together.

2,451,905
REVERSE ACTION SWITCH CONTROL
Robert H. Bentley, Hartford, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application December 3, 1947, Serial No. 789,344
9 Claims. (Cl. 74—110)



1. In combination, an electric switch having an operating button normally biased outwardly, operating mechanism to hold said button pressed in against its bias comprising a frame, a fixed pivot mounted in said frame, a member mounted on said pivot, a second fixed pivot, a second member mounted on said second pivot, a loose pivotal connection between said second member and said first member between said pivots, spring means between said frame and said second member acting on said second member on the opposite side of its fixed pivot from said loose pivotal connection to cause said second member normally to depress said operating button, and means engageable to move said first member in opposition to said spring means.

2,451,906
FOOT MEDICATION APPLICATOR
Henry L. Berman, Jamaica, N. Y.
Application August 7, 1947, Serial No. 767,029
2 Claims. (Cl. 128—260)

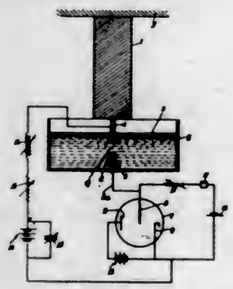


1. A portable applicator for use in the treatment of foot ailments comprising an open top casing and an absorbent and resilient medicament impregnated applying pad fitted into the casing, said pad having a recess therein adapted to accommodate the foot of the user, the walls of the recess being shaped to engage the surfaces of the foot and to project between the toes thereof, whereby pressure by the foot upon the pad will express the medicament contained therein and apply the same to the surfaces of the foot engaged by the pad.

2,451,907
BEARING ALLOY
Walter Betteridge and Ernest Reginald Gadd, Bristol, England, assignors to The Bristol Aeroplane Company Limited, Bristol, England, a British company
No Drawing. Application June 20, 1944, Serial No. 541,279. In Great Britain April 2, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires April 2, 1963
1 Claim. (Cl. 75—134)

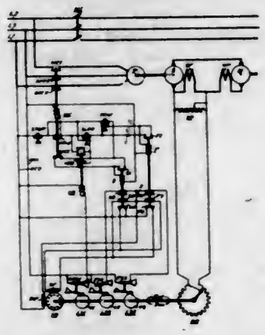
A bearing alloy consisting of copper, silver and lead in equal proportions.

2,451,908
METHOD AND APPARATUS FOR DETECTING CHANGES IN DIMENSIONS
Marietta Blau, New York, N. Y., assignor to Canadian Radium and Uranium Corporation, New York, N. Y., a corporation of New York
Application March 7, 1946, Serial No. 652,773
4 Claims. (Cl. 250—83.6)



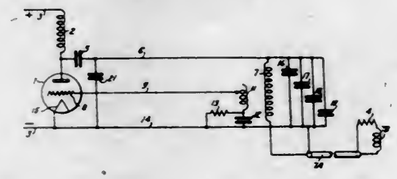
1. A method of detecting a change in dimension of a test body, which consists in regulating the length of a gap between said test body and a companion electrode by said change in dimension, said gap being filled with an ionizable and yieldable and non-gaseous dielectric ionizing, said ionizable dielectric in said gap within a selected ionization range to make said dielectric in said gap conductive when its maximum length equals said ionization range, while applying a difference in voltage between said test body and said companion electrode through said dielectric in said gap to pass an ionization current through said dielectric in said gap when said dielectric is ionized, said dielectric being substantially non-conductive when it is non-ionized.

2,451,909
SERIES GENERATOR-FED MOTOR SYSTEM
Stanley A. Bobe, Atlanta, Ga., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 3, 1945, Serial No. 586,391
4 Claims. (Cl. 318—158)



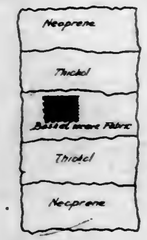
1. In an electric drive for a direct current motor, the combination of, a direct current generator, a series field winding for the generator, circuit means for connecting the generator in series with the direct current motor, an alternating current motor for driving the generator to effect an electrical output thereof, a contactor for energizing the alternating current motor, a resistance element shunting the generator series field winding, means for varying the resistance of the resistance element, a second resistance element shunting the generator series field winding, a movable tap disposed for sliding movement along said second resistance element, and electrically connected to one terminal of the resistance element; an induction motor having starting and running field windings and a rotor connected to drive said movable tap, a pair of alternately operable relays each having normally closed and normally open contacts, cams operated according to movements of the rotor member, a normally closed switch actuated by said cams, a normally open switch actuated by said cams, means for supplying electrical energy, a first circuit connecting said normally open switch and the normally open contacts of one of said pair of relays with said running field winding across said means for supplying electrical energy, a second circuit connecting said normally closed switch and said normally open contacts of the other of said pair of relays with said running field winding across said means for supplying electrical energy, a third circuit including the normally open switch, the normally open contacts of said one relay and the normally closed contacts of said other relay connecting said starting winding in one direction across said means for supplying electrical energy, a fourth circuit including said normally closed switch, the normally open contacts of said other relay and the normally closed contacts of said one relay connecting said starting field winding in a direction reversed from that of said third circuit across said means for supplying electrical energy, and means for selectively energizing said pair of relays.

2,451,910
ELECTRICAL DISCHARGE TUBE CIRCUITS
Ashley P. Bock, Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 28, 1943, Serial No. 496,413
4 Claims. (Cl. 250—27)



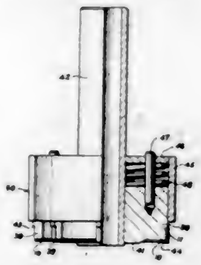
2. In a system for supplying alternating currents to a load, a grid-controlled electrical discharge tube positioned remote from said load, a transmission line connected at its first end to said discharge tube and connected at its second end to an inductance located nearer said load and shunted by a capacitance to constitute an antiresonant circuit, and an additional capacitance shunted across said transmission line at said first end thereof.

2,451,911
LIQUID-HYDROCARBON-RESISTANT CONTAINER
Vally N. Braden, Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
Application February 24, 1941, Serial No. 380,410
2 Claims. (Cl. 154—43.5)



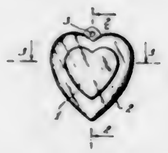
2. A liquid-hydrocarbon-resistant container comprising sheets of ethylene-dichloride-polysulphide plastic coated on at least one side with successive layers of mixed ethylene dichloride polysulphide plastic and polymerized chlorobutadiene of diminishing ethylene dichloride polysulphide plastic content and a final overlapping coat of polymerized chlorobutadiene, said sheets constituting faces of said container and being joined to each other at the perimeter of the faces by a cemented union of the polymerized chlorobutadiene overlaps.

2,451,912
LOADING DEVICE FOR PLASTIC MOLDING MACHINES
Wilburn F. Bradley, Hollywood, Ill.
Application May 31, 1947, Serial No. 751,537
9 Claims. (Cl. 18—1)



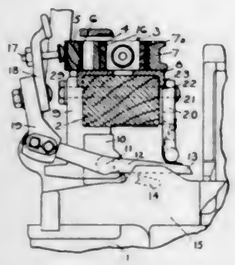
9. In a device of the class described, in combination, a molding die element having an upstanding flange one wall of which is plane and substantially vertical and the opposite wall of which includes a downwardly tapered surface area inclined from a relatively narrow portion at the top of said area to a relatively wide portion at the base of said area, said flange being adapted to receive on its plane and substantially vertical wall a band and being formed with a plurality of upwardly-extending, spaced slots open at their upper ends and with a horizontal groove at the base of said downwardly tapered surface area and adjacent the bottoms of said slots to receive a wire, and a loading device having a body adapted to be moved axially and downwardly into engagement with said flange and having a plurality of spaced, downwardly-extending fingers for carrying on one side thereof said band and adapted, respectively, to enter and slidably interfit with said slots to transfer said band into loaded position on the plane and substantially vertical wall of said flange, said fingers being formed at the lower ends of their sides opposite the sides thereof which normally carry said band during the loading operation with hooks to receive said wire, and said body upon movement downwardly of said flange with said wire engaging the downwardly tapered surface area being effective to force said wire along said downwardly tapered surface area and into registration with said groove, whereby said wire is moved out of engagement with said hooks and subsequently transfers into said groove.

2,451,913
PLASTIC ORNAMENTAL ARTICLE
Walter J. Brice, White Plains, N. Y.
Application October 5, 1945, Serial No. 620,585
1 Claim. (Cl. 41—10)



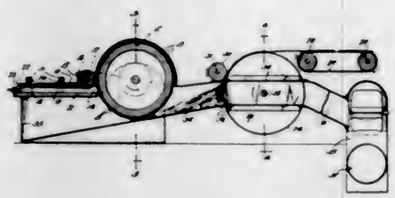
An ornamental article comprising a three-dimensional core of substantial thickness embedded in a homogeneously unitary body of a transparent plastic of a contrasting color, said core being in a predetermined relation to the outer surface of the enclosing body of plastic as a result of the article having been formed by the uniting of a plurality of parts at least one of which had a pre-formed cavity in a surface to be joined to another part in which the core had been placed, whereby said article is identical with similar articles so formed.

2,451,914
DAGGER STOP FOR LOOMS
Walter J. Budzyna, East Douglas, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application September 25, 1946, Serial No. 699,301
6 Claims. (Cl. 139—185)



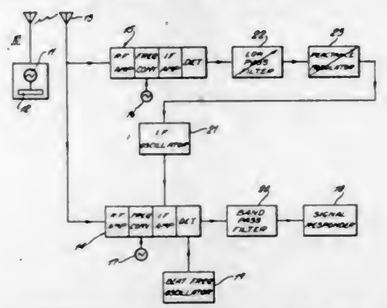
1. For a loom, a dagger stop comprising an attaching portion and a stop abutment, there being an aperture in said stop intermediate said portion and said abutment, and resilient means secured to said attaching portion at one face of the stop and extending through said aperture to the opposite face of the stop and freely beyond the extremity of the stop abutment.

2,451,915
MACHINE AND METHOD FOR FORMING FIBER WEBS
Francis M. Buresh, Blandford, Mass., assignor of one-half to George F. Buresh, Cedar Rapids, Iowa
Application May 1, 1946, Serial No. 666,445
7 Claims. (Cl. 19—89)



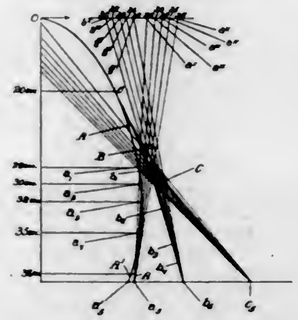
1. A machine of the kind described, comprising a lap support for unorganized fibrous material, a licker-in roll next to the support for licker-in action on said material, a rotary foraminous condenser spaced from the said roll, a tunnel for receiving the material subsequent to the licker-in action by the roll and having a continuation extending diametrically through the said condenser, and means for creating high suction action in the tunnel in the direction of and through said condenser for drawing the fibres at random and collecting them on the condenser.

2,451,916
RADIO TELEGRAPH RECEIVING SYSTEM
Reynold S. Chapin, Flushing, N. Y., assignor to Press Wireless, Inc., New York, N. Y., a corporation of Delaware
Application September 7, 1946, Serial No. 695,530
5 Claims. (Cl. 250—8)



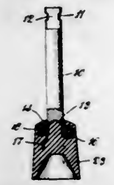
4. A receiving arrangement for "on" and "off" radio telegraph signals, comprising a main radio receiver whose detected output controls a telegraph signal responder, an auxiliary radio receiver, said main receiver being the type having an intermediate frequency carrier stage; a local intermediate frequency carrier generator, and means controlled by the detected output of said auxiliary receiver for rendering said intermediate frequency carrier generator effective to inject local intermediate carrier frequency into said intermediate frequency stage within the pass-band of said stage, the last-mentioned means being responsive to the reception of radio telegraph carrier to render said intermediate frequency carrier generator ineffective to inject intermediate frequency carrier into said main receiver within the pass-band of the said intermediate frequency carrier stage.

2,451,917
METHOD OF AND APPARATUS FOR CONTROLLING THE FLIGHT OF DIRIGIBLE AERIAL TORPEDOES
Constantin Chilowsky, New York, N. Y.
Application August 2, 1941, Serial No. 405,166
In France May 19, 1938
21 Claims. (Cl. 244—77)



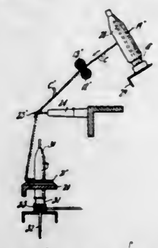
1. The method of controlling the flight of a dirigible aerial torpedo toward a target from a controlling station moving through space at high velocity which includes, mutually coordinating the trajectory imposed on the torpedo from the controlling station and the speed of the torpedo with the trajectory and speed of the controlling station imposed thereon by its pilot, said coordination being such that the torpedo and station will, at a certain moment, be on the same direct line of sight to the target, and maintaining mutual coordination of the trajectories and speeds of the torpedo and station on the direct line of sight after said moment while using said established line of sight as the criterion for precise guiding of the torpedo to the target.

2,451,918
DENTAL POLISHING CUP
George A. Chott, Riverside, Ill., assignor of one-half to Hugo J. Chott, Riverside, Ill.
Application April 6, 1944, Serial No. 529,796
1 Claim. (Cl. 32—59)



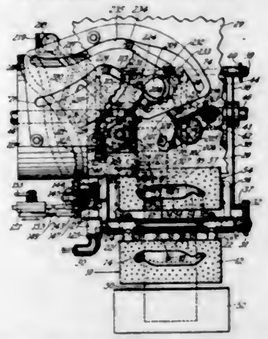
In a dental polishing tool, a shank having a bore at one end forming a tubular portion split longitudinally to form tongues, certain of the tongues being bent ack on themselves in curved formation substantially normal to the axis of the shank and the other tongues bent outwardly in slightly divergent relation, a partially cured rubber collar on the shank against the first-named tongues with the ends of the tongues engaging the periphery of the collar, and a soft rubber cup having a body portion vulcanized over the tongues and fused with the collar to envelope the same.

2,451,919
METHOD OF MAKING STRETCHABLE YARN
Robert J. Clarkson, Winnsboro, S. C., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application November 25, 1947, Serial No. 787,974
3 Claims. (Cl. 57—156)



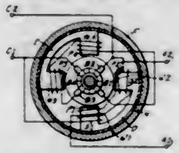
1. The method of producing an all textile stretchable yarn having controlled stretch properties, which includes the steps of drawing a crepe twist yarn about a support so that it bends sharply about the support and then advancing it to a revolving spindle that further twists the yarn and forms successive coils between this spindle and support, then advancing this twisted and coiled yarn a second time and twisting it in the opposite direction to increase the diameter and decrease the number of the coils to make the yarn easier to stretch.

2,451,920
CIGAR WRAPPER CUTTING AND TRANSFER MECHANISM
Sigurd Clausen, New York, N. Y., assignor to International Cigar Machinery Company, a corporation of New Jersey
Application November 12, 1943, Serial No. 509,992
8 Claims. (Cl. 131—99)



1. In a cigar machine, the combination with a suction cutting bed including a die adapted to cut a section from leaf tobacco spread on the die, said bed having a portion outside of and surrounding said die, of a hollow carrier having a perforated face adapted to support leaf tobacco spread thereon, mechanism for moving said carrier from one position at which the leaf tobacco is spread on its perforated face, to an inverted position at which the leaf tobacco is deposited on said die and held by the perforated face of said carrier against the portion of said bed outside of said die, means for creating suction in said carrier and thereby causing suctional adhesion of the leaf tobacco to the perforated face thereof while it is transporting the same to the die, and devices for terminating the suction in said carrier when the leaf tobacco is positioned on said die and applying suction to said bed while the leaf tobacco is held thereagainst by the perforated face of said carrier to cause adhesion of the leaf tobacco to said bed.

2,451,921
ROTARY AMPLIFIER
Willard G. Cook, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 30, 1944, Serial No. 565,816
10 Claims. (Cl. 322—62)



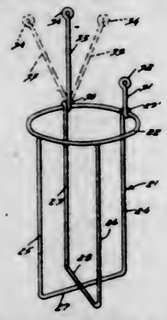
1. An amplifying generator comprising an armature and a plurality of field structures each having poles of different respective polarities for passing magnetic flux through said armature, said structures being displaced relative to each other, so that the magnetic flux path in each of them is substantially separate from that in said other structures, separate field windings on said structures respectively, and a pair of brushes pertaining to one of said field structures and connected with said field winding of another structure for obtaining plural-stage amplification.

2,451,922
COAL DRILL AND CHUCK
Andrew J. Cox, Falls Mills, Va., assignor of one-half to Renick J. Cox, Bluefield, Va.
Application June 14, 1945, Serial No. 599,408
1 Claim. (Cl. 279—103)



In a device of the character described, the provision of a drill chuck, a pair of semispherical rivets diametrically opposed in the chuck, a drill and a pair of slightly hooked lugs formed on the drill and adapted to engage with the rivets when withdrawing the drill from a hole.

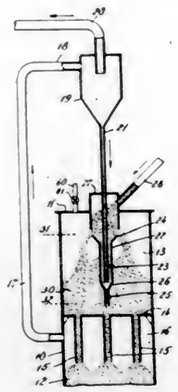
2,451,923
BOTTLEHOLDER
Richard A. Cox, Gainesville, and Lewis D. Hartsfield, Lake City, Fla.
Application February 2, 1946, Serial No. 645,035
1 Claim. (Cl. 248—311)



A bottle holder comprising a wire frame having a portion thereof forming a loop with the end portions of said loop being shaped to form crossed U-shaped leg members having the terminal ends of said wire coiled about said loop and extending above the same terminating in a supporting eye.

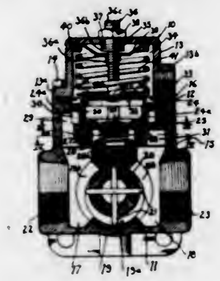
2,451,924
APPARATUS FOR CONTACTING SOLIDS WITH GASEOUS REACTANTS
John A. Crowley, Jr., Scarsdale, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application July 13, 1944, Serial No. 544,782
8 Claims. (Cl. 23—288)

1. Apparatus for transferring a particle form solid from a first vessel to a second vessel therebelow maintained under different pressures which comprises, said first vessel, said second vessel located beneath said first named vessel, a vertically arranged funnel-forming member in the upper part of said second vessel, the upper portion of said funnel-forming member being tubular along at least a major part of its length and the lower portion of said funnel-forming member comprising a tubular outlet of substantially less diameter than said upper portion, a conduit extending from the bottom of said first vessel into the tubular upper portion of said funnel-forming



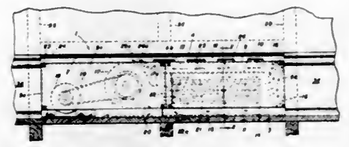
member and terminating on its open unrestricted lower end a substantial distance below the upper end of said funnel-forming member but above said tubular outlet, said conduit being of substantially less diameter than said tubular upper portion of said funnel-forming member and being substantially concentric therewith, and separate passage defining means arranged to guide additional contact material into the upper end of said funnel-forming member.

2,451,925
PUMP VALVE CONSTRUCTION
Russell R. Curtis, Dayton, Ohio, assignor to Curtis Pump Company, Dayton, Ohio, a corporation of Ohio
Application March 26, 1943, Serial No. 480,647
4 Claims. (Cl. 277—45)



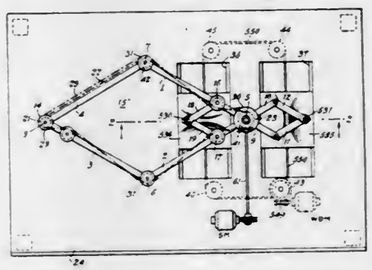
4. A one piece combined relief valve and bypass valve seat which comprises an annular wall, upstanding legs extending from one face of said wall at spaced intervals from the periphery of said face, an annular flange surrounding said legs in spaced relation from said wall, said annular flange having an external guide surface, a plurality of legs depending from the opposite face of said wall at spaced intervals intermediate the inner and outer peripheral edges of the wall, said depending legs having external guide surfaces at their extremities, said wall defining a valve seat inside of said depending legs and a valve seating face surrounding said depending legs, said upstanding legs having recesses in their end faces thereof bottomed by supporting shoulders, and an inverted cup having the side wall thereof snugly seated in said recesses and supported on said shoulders, said cup having an end wall closing one end of the valve.

2,451,926
ELECTRIC AIR HEATER
Milton R. Dallin, Salt Lake City, Utah
Application January 30, 1946, Serial No. 644,268
11 Claims. (Cl. 219—39)



1. An electric heater comprising an elongated casing, a partition dividing said casing longitudinally into upper and lower ducts, an electric heater element disposed in said lower duct, a motor-driven blower, said blower having its outlet in communication with one end of said lower duct, means defining a passageway between said lower and upper ducts at the other end of said lower duct to reverse the direction of air flow upon reaching said upper duct, and outlet means disposed along an exterior wall of said upper duct for discharging warmed air.

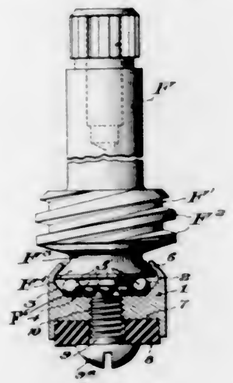
2,451,927
AUTOMATIC MAGNETIC APPARATUS FOR SIMULATING RADIO RANGE SIGNALS
Richard Carl Dehmel, Summit, N. J.
Application April 10, 1946, Serial No. 660,908
5 Claims. (Cl. 35—10)



2. In aircraft training apparatus, a flight-path charting device adapted to be operated by a pupil with respect to a position representing a radio range station, a source of signals representing those of a radio range, a receiver therefor, and signal modulating means including a coil movable in accordance with change in position of said charting device and means composed of a magnetically permeable material spatially related to said coil and arranged so that movement of the

coil over said material varies the permeance of the coil flux path according to the field strength of a simulated radio range so as to cause variation in the coil magnetic flux in the same manner as the field strength of the simulated radio range changes.

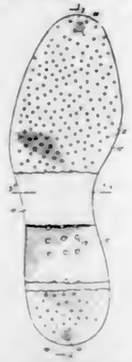
2,451,928
BALL-BEARING VALVE STEM
Raymond Doerr and Keith Doerr, Battle Creek, Mich., assignors to H. B. Sherman Manufacturing Co., Battle Creek, Mich., a corporation of Michigan
Application July 9, 1945, Serial No. 603,866
4 Claims. (Cl. 251—46)



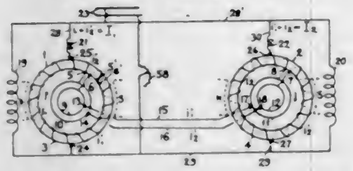
4. In a faucet, valve, or the like, having a valve seat and having a valve stem rotatable and movable with respect to the valve seat; said valve stem having a conical portion in its lower end enlarging towards the seat and terminating in an under surface whose peripheral portion is normal to the axis of the stem and whose central portion is carried inwardly and downwardly; a cylindrical seat washer retainer below the stem having a relatively deep recess in its upper face terminating in a truncated contracted conical lower portion having a plane surface bottom disposed normal to the axis of the stem; an annular series of balls disposed between the lower end of the stem and bottom of the recess maintained against outward radial movement by said truncated conical lower portion of the recess, and against inward radial movement by said inwardly and downwardly curved central portion of the under surface of the stem, the upper edge portions of the walls of the recess surrounding and closely forming with the conical portion of the stem while permitting rotation of the retainer on the stem; and a washer mounted on the lower face of the said retainer.

2,451,929
INNER SOLE
Abraham L. Dorgin, New York, N. Y.
Application January 5, 1946, Serial No. 639,216
2 Claims. (Cl. 36—44)

1. An innersole comprising top and bottom layers, the bottom layer being of smooth perforated plastic material, the top layer being of soft cushioning material such as leather and provided with larger perforations, said layers being riveted together at their ends and an intermediate layer of absorbent medicated material such as paper insertable therebetween, said intermediate layer being cut away to provide openings adapted to surround the rivets at both ends.

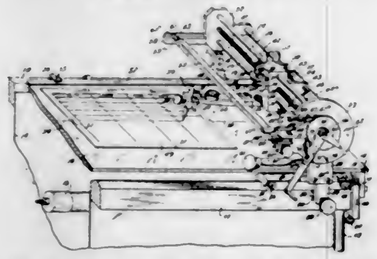


2,451,930
SYNCHRONIZED MOTOR CONTROL
Leonid A. Dunajeff, Havre de Grace, Md.
Application January 17, 1945, Serial No. 573,245
4 Claims. (Cl. 318—43)



1. An electric system comprising a pair of electric motors, each motor having a field winding and an armature winding, the armature winding being disconnected at one point, the ends of the armature winding of one motor being connected to the ends of the armature winding of the other motor, the two windings with their connections forming a single closed circuit; a stationary set of brushes slidably engaging the armature winding of each motor at diametrically opposite points; and electrical connections for independently energizing each pair of the brushes and the field windings for causing the two motors to rotate.

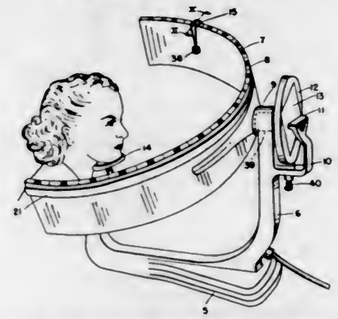
2,451,931
CONSECUTIVE RULING MACHINE
Harry Edelmann, Cleveland, Ohio
Application July 27, 1944, Serial No. 546,837
8 Claims. (Cl. 33—32)



1. In a machine of the character described, the combination, with a table having a bed plate

thereon for the support of sheets to be ruled, of a carriage movable fore-and-aft of said table, a spacing block, a ruling point secured to said block, a lead screw supported by said carriage and having a driving connection with the said block, guide rods supported by the said carriage and extending through the spacing block above and below the lead screw, means for operating the said lead screw, and means for reciprocating the said carriage longitudinally of said bed plate.

2,451,932
ADJUSTABLE PERIMETER TARGET
Charles A. Ellis, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application June 4, 1945, Serial No. 597,436
3 Claims. (Cl. 88—20)



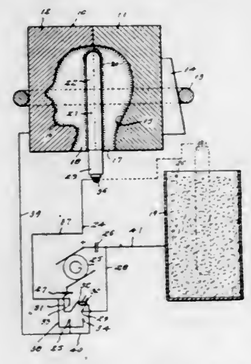
1. In an eye testing device, the combination of a curved track having a fixation object centrally thereof, a movable carriage mounted on said track, a readily detachable member carried by said carriage, a pair of converging, rigid, fine wire-like members secured adjacent one end thereof, and in spaced relation to each other, to the detachable member, the opposed ends of said wire-like members substantially meeting, a pivot member secured to said substantially meeting ends, a block mounted on said pivot member for rotational movement about the pivot member, and a plurality of test objects on said block, said wire-like members being of a dimension substantially invisible to the eye of an individual under test positioned in front of the device, said eye under test being located substantially at the center of the radius of curvature of the track and having its line of vision fixed on the fixation object.

2,451,933
ROPE OR WIRE TIGHTENER
Elmer A. England, Kalamazoo, Mich.
Application July 22, 1946, Serial No. 685,550
3 Claims. (Cl. 24—71.3)



1. A rope or wire tightener comprising an elongated bar-like body having a central hole transversely therethrough adapted to receive a rope or wire, and longitudinal slots opening at each end thereof and terminating adjacent to but spaced from the hole providing a hub on which a rope or wire may be wound, the slots being relatively long, and outwardly facing C-shaped clips secured to a side of the body member adjacent its ends, the side of the body being transversely recessed to receive the stems of the clips with the arms of the clips projecting from the recesses, the clips being secured in the recesses by screws arranged through the sides thereof, the side edges of the recesses being in supported engagement with the side edges of the stems of the clips whereby rotative movement of the clips is prevented, the recesses being of such depth as to receive the heads of screws to minimize abrading of a rope engaged with the clips.

2,451,934
METHOD FOR MOLDING HOLLOW OBJECTS
Clarence Augustus Evans, Atlanta, Ga.
Application March 15, 1946, Serial No. 654,695
3 Claims. (Cl. 18—58.4)

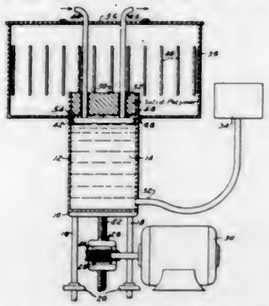


1. The process for forming hollow plastic articles of organic material in a sectional mold which comprises depositing said material on a statically charged electrode, inserting said electrode within the cavity of said mold, reversing the polarity of the charge on the electrode and charging the mold with a polarity opposite from said electrode whereby said material is deposited on the walls of the cavity of the mold.

2,451,935
METHOD OF CAST POLYMERIZATION
Newton C. Foster, McKeesport, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 7, 1944, Serial No. 543,915
1 Claim. (Cl. 260—95)

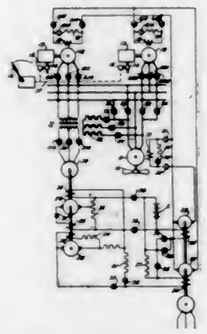
The method of polymerizing a liquid composition capable of being substantially completely polymerized by heating into a solid polymer, comprising the steps of confining a body of the liquid composition so that at a given point it is disposed as a thin horizontal plane layer of predetermined cross-section, applying heat to the liquid composition at the thin layer from one side thereof so that at least a part of the liquid in the layer attains the given temperature at which polymerization of the liquid composition takes place, cooling the other side of the layer of liquid composition from a point within the body

of the composition over a plane parallel to said layer to maintain at least a part of said layer at a lower temperature at which polymerization does not occur, whereby the composition within the thin layer has a thermal gradient from the one side of said layer to the other and only that portion of the plane surface adjacent the said one side being heated is polymerized, and the



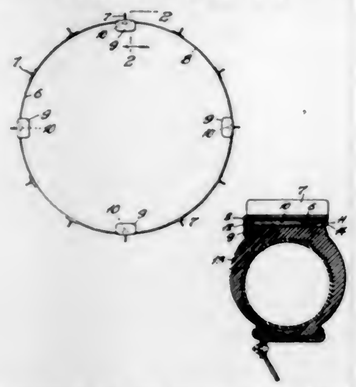
remainder of the body of liquid composition is below the polymerization temperature, moving the liquid composition with respect to said first mentioned point in the direction of the heating at a relatively uniform rate so that continuous, progressive polymerization of the liquid composition in thin planar layers takes place, and continuing the relative movement until a solid polymer of predetermined size is produced, the polymer being characterized by a high degree of homogeneity.

2,451,936
PROPULSION DRIVE
Erling Frisch, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 21, 1946, Serial No. 711,404
7 Claims. (Cl. 318—148)



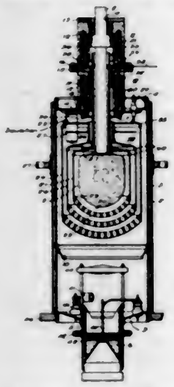
1. An electric ship propulsion system comprising, in combination, a prime mover, an alternating-current generator having an armature connected with said prime mover, a propulsion bus connected with said generator, a propulsion motor connected with said bus, field excitation means for said generator, a regulating generator for said excitation means which is normally inoperative to affect the strength of said field excitation means, and a pilot generator responsive to the speed of operation of said prime mover and operative upon a change in the speed of operation of said prime mover to render said regulating generator operable to regulate the strength of said field excitation means.

2,451,937
ATTACHABLE TRACTION LUG RIM
Claude C. Fulton, Florissant, Mo.
Application April 27, 1946, Serial No. 665,477
5 Claims. (Cl. 152—174)



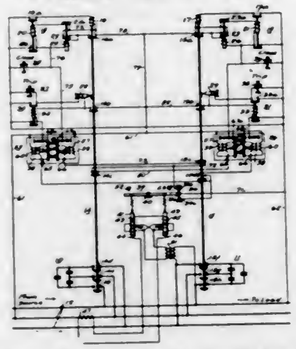
5. A traction lug rim comprising a flexible flat band having spaced lugs secured on its outer periphery, spaced inwardly directed side members on one side only of said band, and transversely disposed raised portions on the inner periphery of said band, said portions being tapered on one end.

2,451,938
VAPOR ELECTRIC DEVICE
Max Garbuny and Robert E. Hull, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 23, 1947, Serial No. 781,638
9 Claims. (Cl. 250—27.5)



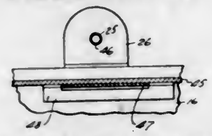
1. A shock-resisting construction for a vapor electric valve comprising an elongated metal envelope, the top end of said envelope including a header having an opening therein, an anode in said envelope, said anode having a working face shaped as a spherical section, a metallic anode stem attached to said anode and extending through said opening, an insulating bushing rigidly supporting said anode stem with respect to said envelope, an anode shield substantially enclosing said anode and extending along the major portion of the anode stem, means intermediate the ends of said insulating bushing for rigidly supporting said anode shield, a vacuum-proof seal between said envelope and said anode shield and a vacuum-proof seal between said anode shield and said anode stem.

2,451,939
AUTOMATIC SWITCHING SYSTEM
Ralph A. Geiselman and William H. Cuttino, Wilkinsburg, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 27, 1944, Serial No. 533,097
5 Claims. (Cl. 175—375)



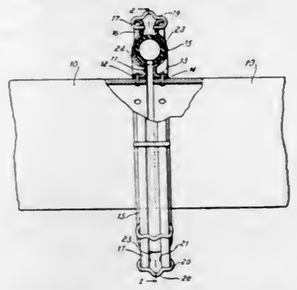
1. A control system for a circuit breaker controlling the connection of a capacitor to a power system comprising, relay means operable to control the operation of the circuit breaker, control means having a movable contact member with magnetic accelerating means operable to provide quick make and break operation and a plurality of current and voltage operating windings energized from the system for actuating the contact member in different senses depending on whether the reactive kilovolt-amperes are leading or lagging, and time delay means selectively operable in response to operation of the control means a predetermined time after operation of the control means to effect operation of the relay means to open or close the circuit breaker.

2,451,940
DOUGHNUT GLAZING MACHINE
Michel J. Gendusa, New Orleans, La.
Application October 17, 1946, Serial No. 703,847
1 Claim. (Cl. 91—3)



In a glazing machine for bakery products, an open top tank for containing glazing liquid, an endless woven fabric belt traversing the top of said tank, means for drawing liquid from said tank and delivering it onto successive lengths of said belt, said means including a jet pipe extending transversely above said belt having a multiplicity of jet holes on its under side and a pump having pipe connections with said tank and with said jet pipe, said belt having upper and lower runs, and a plate beneath the upper run of said belt and located beneath said jet pipe, the upper run of said belt moving over said plate resting on and in direct contact therewith whereby the porosities of said belt are closed in that portion of the belt in contact with said plate.

2,451,941
FLEXIBLE CONNECTION AND SEAL
John E. Glover, Jr., Queens Village, and John C. Hanson, Hicksville, N. Y., assignors to Republic Aviation Corporation, a corporation of Delaware
Application November 29, 1943, Serial No. 512,098
4 Claims. (Cl. 285—129)



1. A flexible and sealing connection between the spaced adjoining ends of approximately aligned and relatively movable conduit sections comprising a pair of relatively thin complementary plates each embracing and secured to the end of one of said conduit sections and having a continuous concavity medially of its width to combine with the concavity of the companion plate to define a continuous hollow housing between said plates, those portions of the plates located outwardly of said housing being approximately parallel and further spaced one from the other than the portions of the plates adjacent the conduit sections, a flexible sealing member mounted in and completely filling said housing, having a series of vents communicating with the space between the conduit ends, and means for circumferentially and flexibly securing said plates together and compressing said seal.

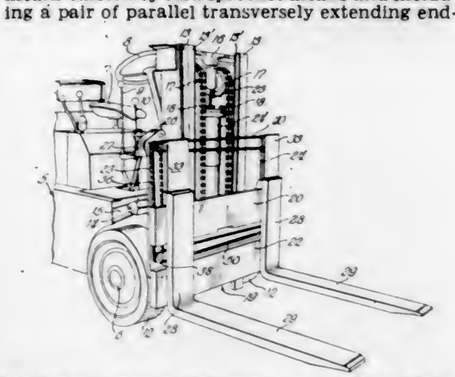
2,451,942
PREPARATION OF N-ALKYL DIETHANOLAMINES
William F. Gresham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 8, 1944, Serial No. 544,137
4 Claims. (Cl. 260—584)

1. In a process for the preparation of an N-ethyl diethanolamine substantially free from O-alkylated derivatives the step which comprises subjecting a diethanolamine to a reaction with diethyl sulfate in the presence of an aqueous solution of sodium carbonate at a temperature between 20 and 150° C. the decomposition of the alkyl sulfate being minimized by the use of a slight molar excess of the sodium carbonate over that necessary to convert the sulfate ions liberated to sodium sulfate.

2,451,943
INDUSTRIAL TRUCK
Alfred Wayne Gunning, Battle Creek, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan
Application May 20, 1946, Serial No. 670,950
6 Claims. (Cl. 214—113)

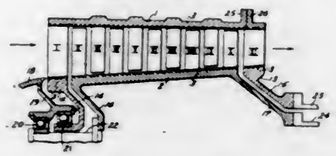
1. In an industrial fork type truck having a pair of vertical uprights at one end thereof, a load

supporting carriage mounted for vertical movement in said uprights, a pair of load engaging forks mounted on said carriage for lateral sliding movement, sprocket means on said carriage, chain means carried by said sprocket means and including a pair of parallel transversely extending end-



less chains having the upper run of each chain secured to one fork and the lower run of each chain secured to the other of said forks, and means for conjointly actuating said chains to move said forks laterally toward or away from each other.

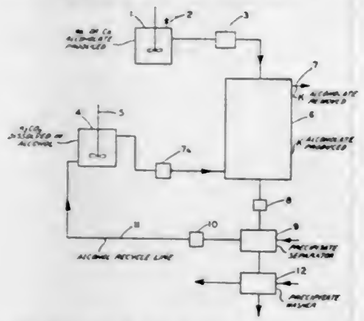
2,451,944
AXIAL FLOW COMPRESSOR AND LIKE MACHINES
Joseph Stanley Hall, Sale, England, assignor to Metropolitan-Vickers Electrical Company Limited, London, England, a company of Great Britain
Application January 13, 1944, Serial No. 518,181
In Great Britain January 21, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires January 21, 1962
18 Claims. (Cl. 230—123)



1. The method of manufacturing a machine of the character specified which includes the steps of assembling a fully bladed member, separately assembling the sections of a second fully bladed member with each section provided with at least one row of blading having such form and pitch that it can be interthreaded with at least one row of blading on said first member, moving the sections of said second member axially toward one another and telescopically with respect to said first member into operative relationship while interthreading the blading of said rows on said sections with rows of blading on said first member, and joining adjacent ends of said sections and thereby maintaining the latter in assembled relationship on said first member.

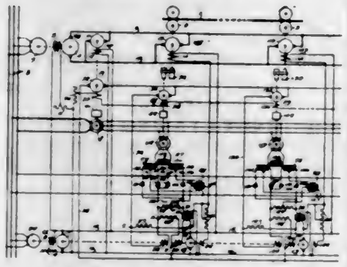
3. Apparatus of the character specified comprising contra-rotational members one within the other and carrying rows of radial blading, internal bearings for rotatably supporting said members, and a blade ring additional to at least one of said members, the blading of said members being of such form and pitch that they may be interthreaded for assembly.

2,451,945
PREPARATION OF POTASSIUM ALCOHOLATES
William E. Hanford, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
Application May 25, 1945, Serial No. 595,713
8 Claims. (Cl. 260—632)



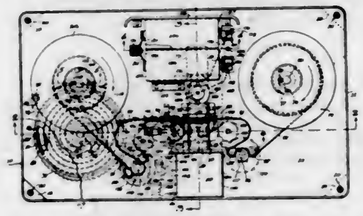
1. The process of producing a potassium alcoholate which comprises reacting potassium carbonate with an alcoholate selected from the class consisting of calcium and sodium alcoholates in an inert diluent which is a solvent for the potassium carbonate and a non-solvent for sodium and calcium carbonates.

2,451,946
MOTOR CONTROL SYSTEM
Walter R. Harris, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 20, 1946, Serial No. 685,059
12 Claims. (Cl. 318—85)



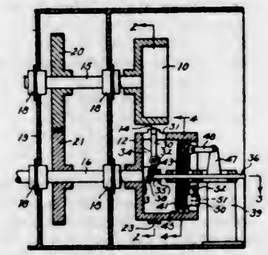
12. A motor control system comprising an adjustable-speed primary motor, a direct current secondary motor having an armature and a speed-controlling field winding, circuit means for providing substantially constant voltage, a regulating generator having an armature series-connected with said motor field winding across said circuit means so that said winding receives excitation having a constant component modified by a variable component under control by said regulating generator so as to cause said secondary motor to operate in a constant speed relation to said primary motor, said regulating generator having field winding means for controlling said variable component, a primary synchro-tie unit mechanically connected to said primary motor to be driven thereby, a secondary synchro-tie unit mechanically connected to said secondary motor to be driven thereby and electrically connected to said primary synchro-tie unit to provide an output voltage dependent in phase and magnitude on the direction and extent of a positional difference occurring between said motors, and current means connecting said secondary synchro-tie unit with said field winding means for impressing on the latter a reversible corrective voltage under control by said output voltage in order to superimpose on said control generator a position-responsive corrective control for increased constancy of said speed relation.

2,451,947
HAND-CARRIED MOTION-PICTURE PROJECTING AND VIEWING DEVICE
Louis A. Harvey, Detroit, Mich.
Application April 4, 1946, Serial No. 659,631
2 Claims. (Cl. 88—24)



1. A self-contained hand-carried apparatus for projecting and viewing motion picture film comprising a casing including a partition dividing the interior thereof into upper and lower compartments, an electric battery carried by said casing, a film illuminator including an electric projection lamp centrally mounted on said partition and electrically connected to said electric battery, a film feeder adjacent said lamp, a pair of laterally spaced film spool shafts rotatably mounted in said casing on opposite sides of said lamp and extending through said partition an image screen carried by said casing, a lens system adapted to project an image of said film onto said screen, a plurality of sequentially disposed reflectors positioned between said lens system and said screen, and a spring-actuated motor mounted in said lower compartment and operatively connected to said film feeder and to one of said shafts.

2,451,948
SHEARING APPARATUS
Charles W. Hawthorne, York, Pa., assignor to Morgan Construction Company, Worcester, Mass., a corporation of Massachusetts
Application April 26, 1946, Serial No. 665,254
8 Claims. (Cl. 164—66)

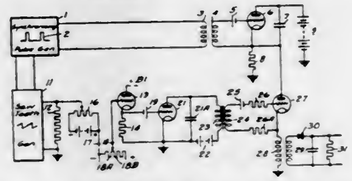


1. Apparatus for severing longitudinally traveling bars comprising a revoluble carrier, means to guide each approaching bar in a path adjacent the carrier and tangential thereto, a blade mounted on the carrier to revolve therewith and movable transversely of the path of the bar, a helical screw-thread revoluble about its axis, means to revolve the carrier and the screw-thread in timed relationship, a lever fulcrumed intermediate its length for rocking movement substantially in an axial plane of the screw-thread, means to connect the opposite ends of the lever alternately to the screw-thread and thereby rock the lever, means connecting the lever to the blade to move the blade transversely of the path of the bar, and means cooperating with the blade to effect severance of the bar as the blade crosses the path of the bar.

2,451,949
PRODUCTION OF ACETALS
Heinz Heinemann, Upper Darby, Pa., assignor to Porocel Corporation, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application February 26, 1946, Serial No. 650,393
7 Claims. (Cl. 260—615)

1. The method of producing an acetal, which comprises reacting an alcohol with an aldehyde in the presence of a naturally occurring argillaceous adsorbent which has been thermally activated.

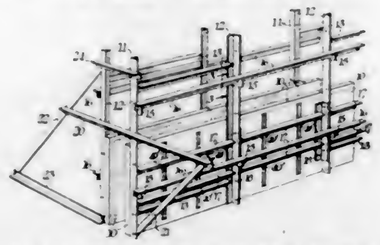
2,451,950
ELECTRICAL NETWORK
John A. Hipple, Jr., Verona, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 27, 1944, Serial No. 533,093
5 Claims. (Cl. 250—27)



5. An electrical network having input terminals and output terminals and comprising a source of constant voltage, a resistor and a capacitor connected in series with each other, a first gaseous discharge tube having a control electrode shunting said capacitor, a second electrical discharge tube having an anode, a control electrode and a cathode connected in series with said output terminals across said resistor, means for generating voltage pulses having a duration short compared with their periodic time, means for impressing said voltage pulses on the control electrode of said first electrical discharge tube, a generator of saw-tooth voltage synchronized with said voltage pulses and having its output terminals in series with said input terminals, a third electrical discharge tube having an anode, a control electrode and a cathode with a cathode resistor and is connected to a current supply and having the voltage output of said saw-tooth generator and said input voltage connected between its control electrode and the terminal of said cathode resistor which is remote from its cathode, means for impressing the voltage drop of said cathode resistor between the control electrode and cathode of a fourth electrical discharge tube, said fourth electrical discharge tube containing a gaseous atmosphere and having a cathode and an anode supplied with current and cooperating with said control electrode, and means

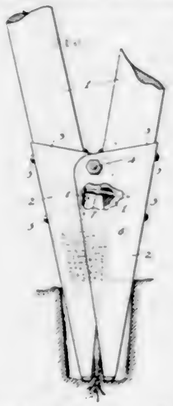
for impressing a voltage proportional to the rate of change of current flow between the cathode and anode of said fourth discharge tube between the control electrode and cathode of said second electrical discharge tube.

2,451,951
APPARATUS FOR MOLDING CONCRETE WALLS
Philip Y. K. Howat, Washington, D. C.
Application June 6, 1946, Serial No. 674,683
4 Claims. (Cl. 25—131)



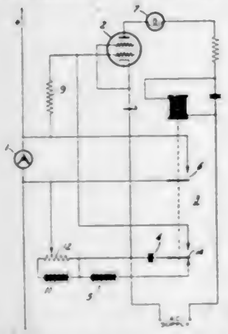
4. An apparatus for molding walls and the like from a plastic material such as concrete which comprises spaced rectangular frames, mold plaques supported by said frames on their facing sides to define a mold area therebetween, said plaques including a frame formed of inturned channel members, bracing channel members extending between two opposed sides of said frame and positioned so that its free edges lie flush with the outer surfaces of said frame, straps spanning the channels of said bracing members, and a sheet of concrete completely filling said frame flush with the outer surfaces thereof except for the channels in said bracing members, and retainers spanning said supporting frames and on the opposite sides thereof from said plaques, said retainers having laterally extending tongues to fit within the channels in said plaques and behind the straps spanning said channels.

2,451,952
WEED EXTRACTOR
Bernhard L. Hulsebus, Pasadena, Calif., assignor to Everett B. Hulsebus, Peoria, Ill.
Application April 23, 1945, Serial No. 589,842
1 Claim. (Cl. 294—50.8)



A tool of the character described including in its construction two pivotally connected handle portions, a U-shaped blade fashioned to fit each handle portion, and affixed thereto, the longitudinal edges of the two blades adapted to lap one on the other to jointly provide shearing action, a stop member carried by one of the handle portions, an abutment provided by and at the other handle portion, the stop and abutment adapted to limit the closing movement of the blades to prevent the points of the blades closing on each other for providing a space between said points in lifting a plant unharmed, an abutment lying close to one of the blades providing a space between it and the opposite blade, and a mounted spring bearing at one end upon the last named abutment and spaced from said opposite blade to provide a pasageway for materials between it and the latter, said spring at its other end adapted to engage upon the ground surface when the points of the blades are in the ground at the plant to be lifted.

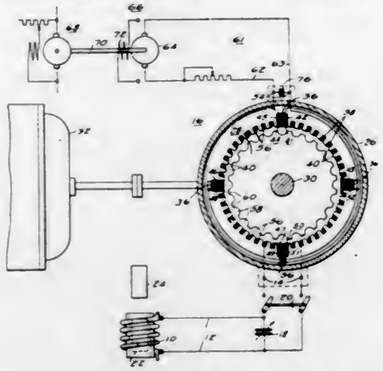
2,451,953
METER PROTECTION CIRCUIT
Curtis S. Ingram, Fairfax, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission
Application August 9, 1946, Serial No. 689,477
4 Claims. (Cl. 171—95)



1. A control circuit comprising a gaseous discharge tube provided with an anode and a cathode and a control electrode, a plate circuit connected between said anode and said cathode and including a relay and a source of alternating current potential, means for applying a predetermined potential between said cathode and said control electrode in order to alter the conductivity of said tube from a first value to a second value, whereby said relay is operated from a first position to a second position, and means responsive to the operation of said relay to said second position for maintaining for a predetermined time interval a voltage between said cathode and said control electrode capable of retaining the conductivity of said tube at said second value, whereby said relay is reoperated from said second position back to said first position at the conclusion of said predetermined time interval.

2,451,954
INDUCTOR GENERATOR EQUIPMENT, ESPECIALLY FOR INDUCTION HEATING
Francis J. Johns, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 3, 1945, Serial No. 586,306
20 Claims. (Cl. 171—252)

1. A system of a type described comprising a reactive load, an inductor generator having output connections for alternating current, and having a plurality of field coils providing unidirectional magnetic fields therein, field coils producing magnetic fields of the same polarity being connected in parallel, means for connecting said

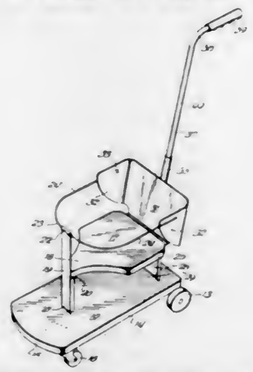


reactive load to said output connections, a phase-balancing capacitor means connected across said output connections, circuit-interrupting means in said output connections, and a capacitor means connected across said field coils.

2,451,955
COMPOSITION FOR POISON IVY DIAGNOSIS
Harry Keil and Charles R. Dawson, New York, and David Wasserman, Brooklyn, N. Y.
No Drawing. Application September 20, 1945, Serial No. 617,672
12 Claims. (Cl. 167—58)

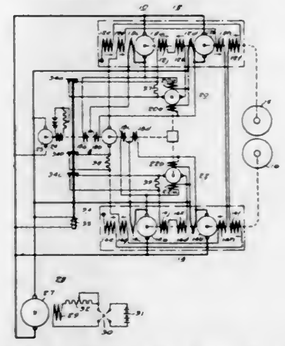
1. As a therapeutic agent, a synthetic vicinal alkyl pyrocatechol having 10 to 18 carbon atoms in the alkyl group, and a carrier.

2,451,956
FOLDING VEHICLE FOR CHILDREN
Ira B. Kemper, Portland, Oreg.
Application June 7, 1946, Serial No. 675,191
2 Claims. (Cl. 280—36)



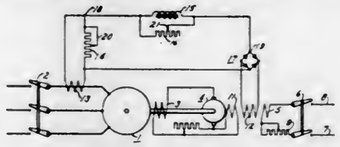
1. A vehicle for children consisting of a base provided with ground engaging wheels, a post hingeably mounted on the forward end of said base, a seat disposed over said base, a plate hinged to said base and to the rear end of said seat, having an upwardly extending back formed thereon, the front of said seat being hinged to said post, a tube hinged to said base behind said plate hinge, a strap on said back adapted to slidably receive said tube, a tubular handle slidably and rotatively mounted in said tube said strap and tube having pin holes formed therethrough, and a pin occupying said holes when said post and plate are in upright positions.

2,451,957
CONTROL SYSTEM FOR ELECTRIC MOTORS
Alonzo F. Kenyon, Churchill, and William R. Harding, Export, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 9, 1946, Serial No. 682,190
8 Claims. (Cl. 318—52)



1. A control system for a motor having an armature and main and compounding field windings, circuit means connected to apply a reversible voltage to the armature, circuit means connected to apply a non-reversible voltage to the main field winding, means including a control generator connected to energize the compounding field winding and having a field winding energized according to the current in the motor armature, and driving means controlling the control generator responsive to the polarity of the voltage applied to the armature of the motor.

2,451,958
CONTROL SYSTEM FOR SYNCHRONOUS MACHINES
Lee A. Kilgore, Forest Hills, and Simon L. Lindbeck, Wilkinsburg, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 13, 1945, Serial No. 572,608
7 Claims. (Cl. 318—180)



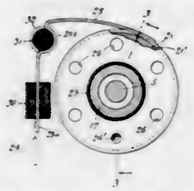
1. In a system of control for a synchronous machine, in combination, an alternating-current circuit, a synchronous machine connected to said circuit, and excitation means for said machine including a current transformer connected to said circuit, a rectifier for supplying direct-current excitation to said excitation means, and circuit means connecting said rectifier and transformer including an alternating-current saturable reactor having a saturation point determined solely by the alternating current supplied thereto by said transformer whereby it is substantially effec-

tive to block all input to said rectifier for currents below a selected load on said circuit, and effective to pass current to said rectifier above said selected load.

2,451,959
ELECTRIC SLIP-RING AND BRUSH CONNECTION

Erling M. Knudsen, Arlington, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware

Application August 28, 1946, Serial No. 693,590
7 Claims. (Cl. 173—324)

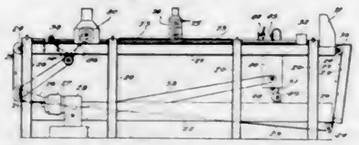


1. An electrical slip-ring and brush connection for reversible operation comprising a conducting ring having a peripheral contact surface, a coacting brush for engaging said surface in substantially one-point contact consisting of a strip of resilient conducting material having a portion disposed generally in a direction tangential to the ring periphery and in contact therewith, said strip also having a terminal portion offset from the contact making portion generally in the same plane therewith, and means for anchoring and holding said terminal portion with respect to both transverse and longitudinal movement including a terminal member in which the outer end of said terminal portion is held with respect to transverse movement and a relatively fixed member against which said strip is resiliently biased in a direction away from said ring, said fixed member positioned intermediate said terminal member and contact making portion and engaged by an intermediate part of said strip so as to hold the brush with respect to longitudinal movement whereby a non-chatter relationship is maintained between said contact portion and ring for rotation of said ring in either direction.

2,451,960
METHOD OF AND APPARATUS FOR PAINTING BEVELS

Samuel Krajci and Leon E. Savage, New Orleans, La., assignors to The Celotex Corporation, Chicago, Ill., a corporation of Delaware

Application April 10, 1944, Serial No. 530,340
4 Claims. (Cl. 117—43)

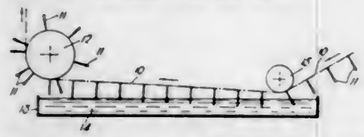


4. The method of providing a smooth finishing coating on an inclined edge surface of a beveled fiberboard tile and comprising the steps: smoothing and burnishing the beveled surface with a heated iron, flooding the beveled surface by flowing a stream of a film-forming paint coating downwardly across such surface to be coated, immediately subsequently to the application of the stream of paint coating, removing excess coating by means of an air jet directed substantially parallel to and across the inclined surface, then partially setting the applied material, and by hot ironing to redistribute, smooth and completely set the applied coating.

2,451,961
PRODUCTION OF HOLLOW ARTICLES BY DIPPING

Lucian Landau, Chingford, London, England, assignor to Latex Industries Limited, Chingford, London, England

Application July 7, 1947, Serial No. 759,385
In Great Britain July 11, 1946
7 Claims. (Cl. 18—24)

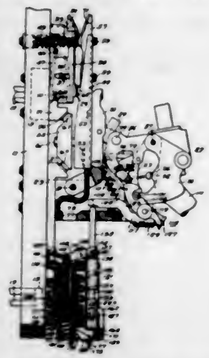


3. Apparatus for the production of hollow articles by which formers are dipped into a film-forming liquid, which comprises an endless conveyor band carrying on one side thereof a number of formers rotatably mounted at right angles to the surface of the said conveyor band, means for moving the conveyor steeply towards the surface of the film forming liquid contained in a tank below the said conveyor and means for moving it upwardly in a gradually inclined direction and then spirally and finally in an upward direction.

2,451,962
CIRCUIT BREAKER

Ture Lindstrom, Edgewood, Pa., and Albert H. Baylis, Ypsilanti, Mich., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 12, 1945, Serial No. 622,048
26 Claims. (Cl. 200—108)



1. In a circuit breaker comprising relatively movable contacts and operating mechanism therefor, the combination of a trip member operable to effect automatic operation of said operating mechanism, an electromagnetic trip device comprising an energizing winding, a first armature operable to effect operation of said trip member, means comprising a sealed casing movable to cause tripping operation of said first armature, a second armature for moving said casing, and means disposed in said casing and responsive to energization of said electromagnet to delay tripping movement of said first armature.

2,451,963
ISOCYANATES OF HYDROLYZED ETHYLENE VINYL ESTER INTERPOLYMERS

Donald John Loder, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 4, 1944, Serial No. 521,135
28 Claims. (Cl. 260—86)

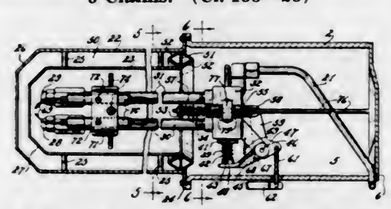
1. A process which comprises subjecting a solution of a hydrolyzed interpolymer of ethylene and vinyl acetate in dioxane to a temperature between 30 and 200° C. with an alkyl isocyanate there being present from 0.5 to 5.0 moles of the alkyl isocyanate per equivalent of hydroxyl in the polymer.

26. A process which comprises subjecting an N-substituted carbamate of a hydrolyzed interpolymer of ethylene and a vinyl ester of an aliphatic saturated organic monocarboxylic acid to a temperature between 20 and 80° C. with a compound of the group consisting of formaldehyde, methylal and methoxymethoxyethanol.

2,451,964
MULTIPLE NOZZLE GUN TYPE OIL BURNER AND CONTROL THEREFOR

Joseph A. Logan, Hadley, Mass., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts

Application March 3, 1947, Serial No. 731,919
5 Claims. (Cl. 158—28)



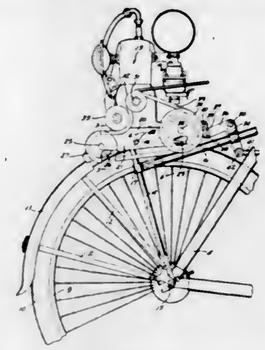
1. In an oil burner for house heating systems, a motor, an air fan, an oil pump, a transmission for driving the fan and pump from said motor, two air tubes arranged one within the other with a passage between them, the inner tube being permanently connected to receive air from said fan, valve means operable to connect or disconnect said passage to or from the fan, oil atomizing means connected to be supplied from said pump at either a high or a low firing rate and located in the inner tube in a position such that the air from the inner tube and the air from the passage between the tubes will mix with the spray emitted from the atomizing means, means for changing the firing rate of the atomizing means from a high to low rate and vice versa, and means operable with the rate changing means for actuating said valve means to open and close the passage between said tubes when the atomizing means is adapted for high and low rate firing respectively.

2,451,965
MOTOR BICYCLE

Ernst A. Longenecker, Milwaukee, Wis., assignor to Hart-Carter Company, Peoria, Ill., a corporation of Delaware

Application September 1, 1945, Serial No. 614,010
11 Claims. (Cl. 180—33)

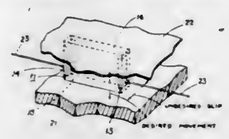
1. In a motor bicycle, a driving unit including an engine, supporting structure on the bicycle, including a pivotal connection between said driving unit and said structure supporting said unit with said engine on the bicycle adjacent and above the rear wheel thereof for tilting movement in a vertical plane, at least one friction roller rotatably carried by said unit on one side of said pivotal connection and positioned for engagement with the rear wheel tire when the unit with the engine is tilted a predetermined distance in one direction, at least one friction roller rotatably carried by said unit on the other side of said pivotal connection and positioned for engagement with the rear wheel tire when the unit with the engine is tilted a predetermined distance in the opposite direction, and means driven by said engine for driving said rollers at different speeds.



2,451,966
TRANSDUCER

Frank Massa, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio

Application November 18, 1944, Serial No. 564,138
23 Claims. (Cl. 171—327)



8. A 45° X-cut piezoelectric element of the Rochelle salt type having three dimensions, one of said dimensions being short and piezoelectrically active, the other two dimensions being several times longer than the short dimension, one of said longer dimensions being piezoelectrically active and the other longer dimension being piezoelectrically inactive.

2,451,967
VIBRATIONAL ENERGY TRANSMITTER OR RECEIVER

Frank Massa, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio

Original application June 2, 1944, Serial No. 538,469, now Patent No. 2,427,062, dated September 9, 1947. Divided and this application July 28, 1947, Serial No. 764,099
1 Claim. (Cl. 177—386)

In a transducer for radiating and/or receiving vibrational energy and having main and secondary directional lobes, a substantially circular piston of radius R_1, a first substantially annular

piston of inner radius R_1 and outer radius R_2 surrounding and lying in the same plane as said circular piston, a second substantially annular piston of inner radius R_2 and outer radius R_3 surrounding and also lying in the same plane as said circular piston, said circular piston being adapted to vibrate at a given frequency with an amplitude A_1, said first annular piston being adapted to vibrate in phase with said circular



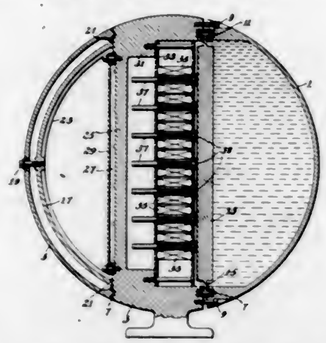
piston with an amplitude A_2, and said second annular piston being adapted to vibrate in phase with said circular piston with an amplitude A_3, the ratio of R_1 to R_2 being substantially .676, the ratio of R_1 to R_3 being substantially .476, the ratio of A_1 to A_2 being substantially 1.9, and the ratio of A_1 to A_3 being substantially 5.8, whereby the ratio of the main lobe energy radiated substantially normal to the plane of the said pistons to the secondary lobe energy is maximum.

2,451,968

MAGNETOSTRICTIVE ELECTROACOUSTIC TRANSDUCER

Alexander Murdoch, Jr., Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware

Application January 3, 1940, Serial No. 312,297
9 Claims. (Cl. 177—386)



1. An electroacoustic transducer including a diaphragm, a plurality of magnetostrictive elements attached to said diaphragm so that the points of attachment form a plurality of equilateral triangles having a number of common sides, said elements being so distributed over said diaphragm that the spheres of influence of adjacent elements border each other, and means for energizing said elements.

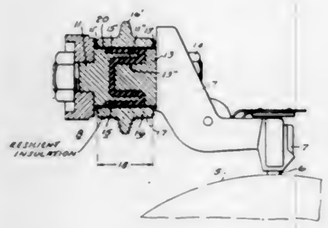
2,451,969

INSULATING MOUNTING FOR BRUSH HOLDERS AND THE LIKE

Erich O. Mueller, Irwin, and Donald L. Gibson, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 31, 1946, Serial No. 687,446
8 Claims. (Cl. 171—324)

1. An insulating mounting comprising a support-end metal member having a cylindrical outer surface, an electrical-end metal member having a cylindrical outer surface of substantially the same diameter, a molded insulating connector-member moldedly interlocking with parts of both of said metal members and securely joining the same together in one mechanically joined but electrically insulated unit, said insulating connector-member having a cylindrical outer surface substantially merging with the cylindrical outer surfaces of the metal members, a creepage-surface insulator fitting over the cylindrical outer surface of the connector-member and having one or more bulged portions, of increased outer diameter, for providing a greater actual-creepage-surface length than the axial length of the creepage-surface insulator, and a substantially non-shrinking, heat, water and oil-resistant, insulating adhering-member substantially completely filling the space between the bore of the creepage-surface insulator and the cylindrical outer surface of the connector-member for preventing electrical flash-over from occurring through said space.

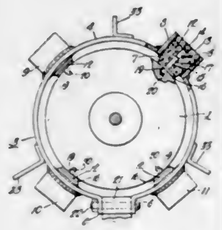


2,451,970

MOUNTING FOR FAN ASSEMBLIES

Ralph K. Odor, Edmond, Okla., assignor to The Vornado Trust, Oklahoma City, Okla., a fiduciary trust of Oklahoma

Application March 3, 1945, Serial No. 580,812
7 Claims. (Cl. 248—26)



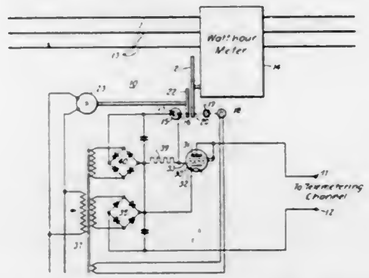
1. In a mounting for electric motors, a support structure having an annular series of substantially radial pockets, a resilient member seated in and projecting from each of said pockets toward the center of the annulus so as to bear against the casing of and, jointly, to resiliently support said motor in the structure, and an element embedded in each of said members and projecting radially from the inner end thereof for interlocking engagement with the said casing to anchor the motor to said members.

2,451,971

IMPULSE TRANSMITTER FOR METERING SYSTEMS

Carl Oman, Cedar Grove, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 1, 1945, Serial No. 591,297
2 Claims. (Cl. 177—351)



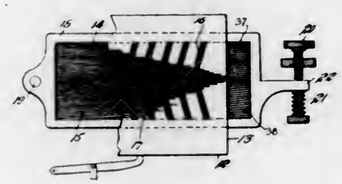
1. A base rate impulse transmitter comprising, a light-sensitive device and a light source, a main shutter disc rotatably positioned between the light source and the light-sensitive device and arranged for rotation by a meter device, said disc having a plurality of evenly spaced openings adjacent the periphery in the path of the light from the source, means including a cylindrical lens between the light source and the disc for producing a beam of light spanning a pair of adjacent openings, a base rate shutter disc of less diameter than the main disc having a plurality of similarly spaced openings, said base rate shutter disc being so rotatably mounted eccentrically of the main shutter disc as to overlap therewith and arranged to permit alignment of a pair of adjacent openings of each shutter disc in the path of the beam of light, means for rotating the base rate disc at a fixed rate to provide a predetermined number of impulses of light when the main shutter disc is still, and an electric discharge valve controlled by the light-sensitive device for producing substantially square wave impulses at different rates above and below the base rate in response to rotation of the main and base rate shutter discs.

2,451,972

OPTICAL INDICATOR HAVING COOPERATING GRIDS

Walter P. Powers, Spring Lake, N. J., assignor to Associated Patentees, Inc., Ampere, N. J., a corporation of New Jersey

Application December 3, 1945, Serial No. 632,417
5 Claims. (Cl. 88—1)



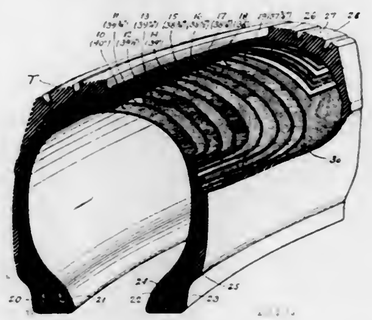
1. An instrument of the character disclosed comprising companion light screens in closely superposed relation and relatively movable, one over the face of the other, one of said screens being composed of two coplanar grids in edge-to-edge relation and the other screen consisting of a single grid overlying and cooperative with both the grids of the first mentioned screen, each of the three grids being composed of equally spaced parallel opaque lines and intermediate clear spaces and the two coplanar grids arranged in non-parallel, divergent relation to cause portions of the lines and spaces of the single grid to coincide periodically at regularly recurrent intervals with portions of the lines and spaces of the other two grids to align parts of the superimposed grids to form two contiguous convergent larger mesh apparent scales of more widely spaced, wider lines in opposed edge-to-edge relation, means for effecting relatively fine adjustments of the two grids forming the one screen in respect to the other screen to thereby regulate said larger mesh apparent scales and means for effecting relative shifting of said light screens, one over the face of the other, to produce magnified travel of the apparent scales so produced by said regulation, said regulating means comprising a common support for both grids of the two-grid screen, said support being in the form of a single frame pivotally mounted at one end and there being means for effecting fine adjustments of the opposite end of said support on its pivotal mounting to thereby effect simultaneous and similar adjustment of both said two grids in respect to the single grid.

2,451,973

METHOD OF MAKING PNEUMATIC TIRES

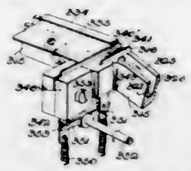
John F. Purdy, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware

Original application August 8, 1942, Serial No. 454,086. Divided and this application January 30, 1945, Serial No. 575,257
8 Claims. (Cl. 154—14)



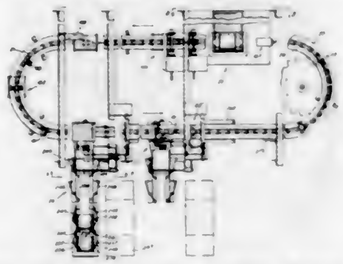
1. The method of building a pneumatic tire which includes the steps of cutting rubberized cord fabric into a plurality of plies, assembling the plies into a band, building the band on a tire building form, cutting a plurality of plies of rubberized cord fabric on a smaller bias angle than the first-named plies, assembling the plies into a second band, building the second band on the building form over the first-named band, cutting a plurality of plies of rubberized cord fabric on a still smaller bias angle than the first and second-named plies, assembling the plies into a third band, building the third band on the building form over the second-named band, and repeating this operation until the desired number of plies are assembled.

2,451,974
LOCKING LEVER FEEDING MEANS
Harry A. Rau, Baltimore, Md., assignor to Crown Cork Specialty Corporation, Decatur, Ill., a corporation of Illinois
Original application August 3, 1940, Serial No. 350,707. Divided and this application February 27, 1943, Serial No. 477,436
3 Claims. (Cl. 193—40)



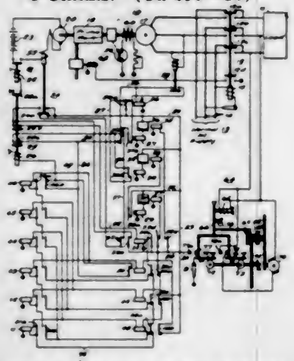
3. In an apparatus of the class described, an inclined U-shaped chute for articles, said chute having its trough facing upwardly, a pair of elements spaced apart lengthwise of the chute, each of said elements including a horizontal arm extending across and above the trough and a depending arm extending alongside the chute, a block in which said depending arms are vertically slidable, said depending arms being spaced in said block in a direction transversely of said chute, spring means to urge said elements downwardly in said block so that their horizontal arms will be adjacent the trough to hold articles against movement, and rocking means extending between said depending arms to alternately lift said elements so that articles may move beneath their horizontal arms.

2,451,975
CONVEYER
Vincent A. Rayburn and Duer C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application December 21, 1945, Serial No. 636,405
14 Claims. (Cl. 214—60)



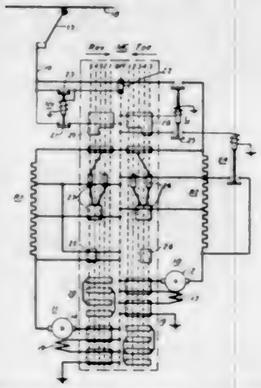
1. An overhead conveyer system, which comprises an endless chain, means for advancing the chain along a predetermined path, a plurality of hooks, means for securing the hooks to the chain at points spaced therealong, a loader positioned adjacent to said path for selectively positioning reels of different types in the path of the hooks, means for placing the hooks in positions in which the hooks point in the direction of travel of the chain when the hooks are being advanced past the loader, whereby one of the hooks being advanced past the loader enters the drum of a reel positioned in the path of the hook by the loader and carries the reel from the loader, means for turning the hooks after the hooks leave the loader to positions in which the hooks are pointed in directions opposite to those in which the hooks are being advanced, and means positioned adjacent to said path for selectively lifting reels positioned on the hooks from the hooks.

2,451,976
CONTROL SYSTEM
Maurice E. Reagan, Pittsburgh, and Willard A. Derr, Wilkinsburg, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 28, 1945, Serial No. 631,395
9 Claims. (Cl. 290—30)



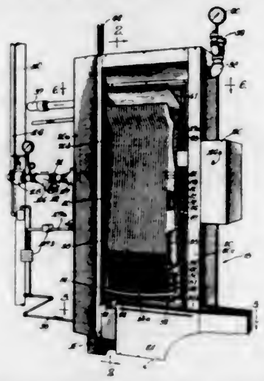
1. In a control system for an internal combustion engine having a starting motor, switch means operable to connect the motor to a source of electrical energy, timing means operable to effect operation of the switch means for a predetermined time, additional timing means operable to render the switch means inoperative for a predetermined time, control means operable to provide for operation of the switch means a predetermined number of times, and means responsive to the armature current of the engine starting motor operable to prevent further operation of the switch means.

2,451,977
CONTROL SYSTEM
David E. Renshaw, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 3, 1945, Serial No. 586,383
5 Claims. (Cl. 318—274)



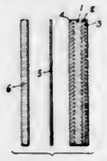
5. In a motor control system, in combination, a motor, a power conductor, switching means for connecting the motor to the power conductor, a resistor for controlling the motor current, a manually operable controller for controlling the shunting of said resistor, said controller being operable to establish dynamic braking connections for the motor when the power conductor is deenergized, and means electrically controlled through said switching means and responsive to the deenergization of said power conductor for preventing the shunting of all of said resistor during dynamic braking.

2,451,978
SETTING APPARATUS FOR TEXTILE FABRICS
Henry Richter, Kankakee, Ill., assignor to Paramount Textile Machinery Co., Kankakee, Ill., a corporation of Illinois
Application June 21, 1946, Serial No. 678,231
21 Claims. (Cl. 223—76)



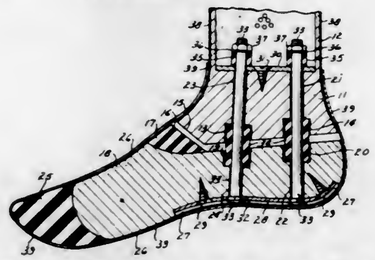
21. The combination in setting apparatus of the class described, of an upright retort having a vertical door opening, a door located within said retort for closing said opening, means for mounting said door to permit bodily movement thereof and rotation thereof on a vertical axis within said retort whereby either face of the door may be presented outwardly when the door is closing said opening, and forms mounted on both faces of said door for supporting textile articles.

2,451,979
INDICATING DEVICE
Solomon Rosenblum, Princeton, N. J., assignor to Canadian Radium & Uranium Corporation, New York, N. Y., a corporation of New York
Application September 4, 1943, Serial No. 501,209
4 Claims. (Cl. 282—28)



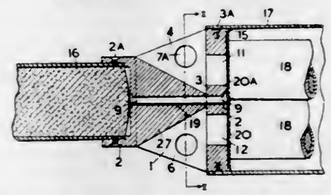
1. An indicating device comprising a non-compressible and light-permeable carrier, light-emitting material located upon the rear face of said carrier in order to transmit light through said carrier, tablet material located on the front face of said carrier, said tablet material being light-permeable so that the light which is emitted by said light-emitting material will be transmitted through said tablet material, said tablet material being sufficiently deformable under pressure to change its permeability to light solely under applied pressure, to provide the necessary contrast for reading the markings which are made in said tablet material by applied pressure, said tablet material being adherent, a writing tablet applied to the front face of said tablet material, said writing tablet being light-permeable and being deformable under pressure, so that pressure which is applied to the front face of said writing tablet is transmitted through said writing tablet to deform the tablet material at the point of applied pressure.

2,451,980
ARTIFICIAL LIMB
Starlin B. Samons, Sr., River Rouge, Mich.
Application May 17, 1946, Serial No. 671,162
4 Claims. (Cl. 3—5)



1. In an artificial leg, a leg portion, with a pair of spaced slots in its under surface, a foot portion with a corresponding pair of slots in its top surface, resilient cushions interposed between said portions with their ends retainingly nested in said slots to maintain a varying spaced relation between said portions, and securing bolts extending through said cushions and loosely through corresponding openings in said leg and foot portions interconnecting the same and permitting universal tipping motion of one portion relative to the other.

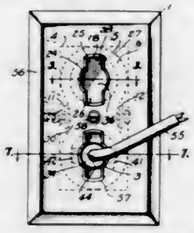
2,451,981
ROCKET AND THE LIKE
Conrad David Schermuly, Alfred James Schermuly, and Charles Schermuly, Parkgate, Newdigate, England
Application May 5, 1947, Serial No. 745,967
In Great Britain August 10, 1939
Section 1, Public Law 690, August 8, 1946
Patent expires August 10, 1959
9 Claims. (Cl. 102—34.5)



1. A rocket device comprising a single rocket adapted to be fired from a gun, a plurality of additional rockets arranged forwardly of the single rocket and an intermediate member by which the plurality of rockets is secured to the single rocket, the said intermediate member com-

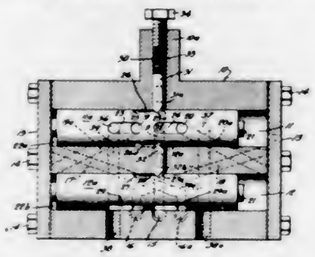
prising a sleeve and a disc, the sleeve being secured to the single rocket and having a central aperture and the disc being secured to the plurality of rockets and having a central aperture and also a number of further apertures corresponding to the number of additional rockets, the sleeve and disc being secured to each other by suitable webs in which is provided a passage connecting the central apertures in the sleeve and disc.

2,451,982
ELECTRICAL PLUG AND SOCKET
Eben L. Scott, Mission, Kans.
Application January 31, 1945, Serial No. 575,391
2 Claims. (Cl. 173—330)



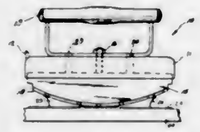
1. In a device of the character described, a socket element having a recess therein, insulating means covering said recess and provided with a plug inlet opening including a circular portion substantially coaxial with the socket and substantially oppositely arranged radial notch-like portions, said insulating means having seating faces at the sides of the circular portion and facing said recess and having contact exposing recesses within and completely surrounded by said seating faces, contact elements within said insulating means and exposed through said recesses in the seating faces, a closure member in said socket-like recess and having marginal portions contacting the face portions completely around the contact exposing recesses to completely cover the exposed portions of the contacts, and a coil spring in the socket recess and bearing substantially circumferentially of said marginal portions for urging the closure member into contact with said seating faces.

2,451,983
FLUID ACTUATED PISTON DISTRIBUTING VALVE WITH FLUID ACTUATED PISTON PILOT VALVE FOR EXPANSIBLE CHAMBER MOTORS
Edgar C. Seward, Arlington, Va., and Frank Walcutt, Queens Village, N. Y.
Application April 9, 1945, Serial No. 587,390
3 Claims. (Cl. 121—158)



1. A hydraulic reversing valve comprising a casing, a pair of bores in said casing, a piston in each of said bores and arranged to reciprocate therein, one of said pistons having a pair of longitudinally spaced elongated slots transversely provided therein and arranged to permit fluid flow individually therethrough, the other of said pistons having a pair of spaced recesses provided on a portion of the surface thereof and arranged to permit fluid flow individually therethrough, each of said bores having respective ports alternately communicable with said slots in said first piston and said recesses in said second piston as said pistons reciprocate, to permit fluid flow therethrough; a plurality of passages in said casing communicating with said ports, two such passages connecting two of the ports of said first bore with opposite ends of said second bore, two other of said passages connecting two of the ports of said second bore with opposite ends of said first bore, an additional two passages connecting two additional ports in said first bore with pressure outlets from said casing, and a passage connecting a port in each of said bores with a pressure inlet in said casing, said latter ports in each bore being located centrally of the other ports therein.

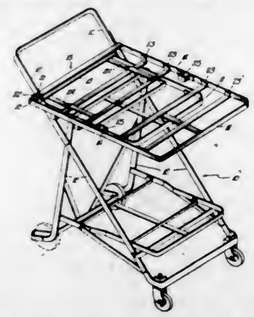
2,451,984
FUR-CURLING DEVICE
Samuel G. Shapiro, Philadelphia, Pa.
Application February 26, 1948, Serial No. 11,040
3 Claims. (Cl. 69—20)



1. In a fur curling tool of the character described, a frame having a handle, an electrically operative heating means carried on the frame and a die positioned on the frame adjacent said heating means and adapted to be heated thereby; said die including a plurality of curling edges of various contours determining a convex surface to be rocked on a fur pelt upon manual movement of the device by hold on the handle; said curling edges being adapted as the device is manipulated so that the die rock on the pelt, to make sliding contact with hairs of the pelt along from point to point progressively on said hairs.

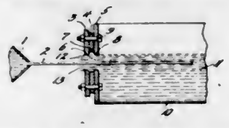
2,451,985
AUXILIARY SHELF FOR CARTS
Harold I. Sides, Chicago, Ill., assignor of one-half to Raymond M. Sides, Chicago, Ill.
Application September 15, 1945, Serial No. 616,485
6 Claims. (Cl. 211—135)

1. In a basket carrying cart of the type employed in self-service stores having a basket carrying shelf supported in substantially horizontal position by side frames, said side frames having portions extending above said basket-carrying shelf, the improvement comprising an auxiliary shelf adapted to be detachably mounted upon and carried by said first named shelf and said side frame portions, said auxiliary shelf including a frame member defining an area greater than said first named shelf and adapted to carry two baskets disposed transversely thereof, clamping means connected to one end of said auxiliary shelf and adapted to be clamped to said side frame portions above said first named shelf, and bracing members connecting opposite sides of said frame member constituting the auxiliary



shelf, which bracing members are adapted to be supported by said first named shelf.

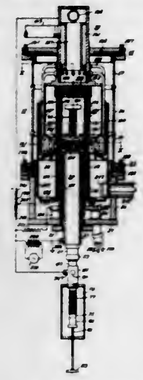
2,451,986
THERMOPLASTIC EXTRUSION METHOD
Charles E. Slaughter, New Canaan, Conn., assignor to Extruded Plastics, Inc., Norwalk, Conn., a corporation of Connecticut
Application May 25, 1943, Serial No. 488,458
4 Claims. (Cl. 18—55)



1. The method of fabricating extruded thermoplastic articles which comprises extruding heated thermoplastic material through a die and while still in plastic condition from the hot extruding step, passing the extruded product through a plate having a contour-determining opening in the wall thereof through which the extruded product may pass, the contour-determining opening being complementary to the shape of the extruded article and just large enough to permit coolant to pass between the extruded plastic and the walls forming the opening in the plate and supplying a thin layer of liquid coolant to the extruded product between the wall forming the opening and the extruded product at any points where the extruded product and plate would contact in the absence of said coolant, the coolant extending as a meniscus on the product beyond the plate in the direction of the extrusion die.

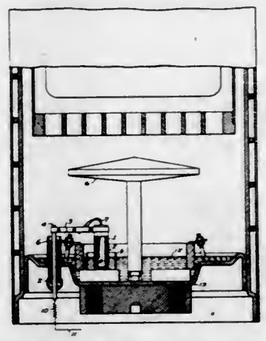
2,451,987
ELECTRONIC TUBE FOR ULTRA HIGH FREQUENCIES
David H. Sloan, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 17, 1944, Serial No. 526,883
10 Claims. (Cl. 315—6)

1. An electronic tube comprising an anode, an elongated cathode portion adapted to project electrons along a path toward the anode, said anode comprising a convoluted section of a pipe of conductive material through which a cooling fluid is to be passed, the convolutions of said pipe section including a plurality of substantially coextensive pipe portions substantially parallel to said elongated cathode portion, one of said pipe portions being positioned at a preselected point intercepting the center line of said path, and other of said pipe portions being positioned on opposite sides of said center line between said



one pipe portion and said cathode and defining with said one pipe portion a groove into which said electron path projects with said one pipe portion at the bottom of the groove.

2,451,988
ELECTRIC DISCHARGE DEVICE
David Lorimer Smart, Stafford, England, assignor to The English Electric Company Limited, London, England, a British company
Application April 2, 1947, Serial No. 738,978
In Great Britain November 24, 1945
Section 1, Public Law 690, August 8, 1946
8 Claims. (Cl. 250—27.5)

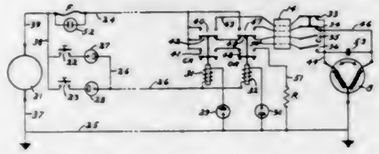


1. An electric discharge device having an ignition electrode separated from a free edge of a liquid pool cathode by a dielectric comprising a plurality of layers of different materials, the layer in contact with the pool edge being thinner than, and having lower specific inductive capacity than, the next layer.

2,451,989
MOTOR REVERSING CONTROL SYSTEM FOR VALVES
Edward P. Smith, Mansfield, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey
Application May 3, 1944, Serial No. 533,967
10 Claims. (Cl. 318—266)

1. A control system for a pipe line valve, comprising in combination, an electric motor operable

in two directions, circuit means to connect the motor to a source of alternating current, the circuit means including a plurality of limit switches to limit the movement of the motor when the motor has rotated in the said two directions a predetermined amount, a pair of electrically operable relay switches to selectively effect energization of said circuit means and limit switches, a single control circuit, operating coils for the relay switches connected to and energized when the control circuit is energized, means to selectively energize the control circuit whereby the relay switches will be selectively energized, the last said means comprising a pair of normally open manually closable switches each independ-



ently connecting the said single control circuit to the source of power to energize the control circuit and rectifying means included in said control circuit whereby only one relay switch will operate at a time depending upon which normally open switch is closed, safety means to open the circuit means should a short-circuit occur between the control circuit and one of the other circuits whereby both relay switches would operate simultaneously, the said safety means comprising a circuit of predetermined resistance closed by the simultaneous operation of both relays whereby a limited current will flow through last said circuit and means to open the last said circuit as a result of said limited current.

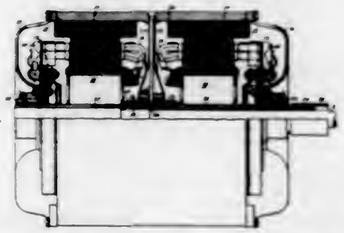
2,451,990

DOUBLE ELECTRIC MOTOR DRIVING MEANS

Carl H. Sutherland, Forest Hills, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 24, 1945, Serial No. 624,288

1 Claim. (Cl. 172—36)



A combination comprising two axially aligned machines, each machine having a stator member and a rotor member, each rotor member having a hollow shaft, the two rotor members rotating in opposite directions, a centrally disposed bearing for journalling the inner ends of both of said hollow shafts and for providing thrust-bearing support for both of said inner ends, a separate outer journal bearing for the outer end of each of said hollow shafts, an inner shaft extending through one of said hollow shafts and having a drive-connection to the inside of the other hollow shaft, and a rigid supporting-means for supporting the two stator members and the three bearings.

2,451,991

FASTENER

Klas Arent Swanstrom, Buckingham Township, Bucks County, Pa.

Application July 26, 1944, Serial No. 546,659

11 Claims. (Cl. 85—32)



1. A fastener comprising a retainer formed of sheet material and having a base containing an aperture, a nut seated in and movable axially in said aperture and making a close slip fit with the wall thereof, and means axially positioning said nut with respect to said base.

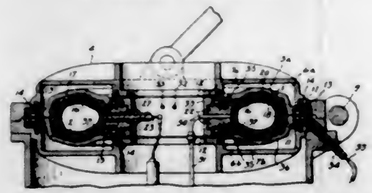
2,451,992

APPARATUS FOR CURING PNEUMATIC TIRES

Theodore A. Te Grotenhuis, Olmsted Falls, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Original application April 20, 1944, Serial No. 531,920. Divided and this application November 15, 1945, Serial No. 628,731. In Canada January 31, 1945

5 Claims. (Cl. 18—38)



1. A fluid pressure bag for insertion within pneumatic tires during the curing or repairing thereof, comprising a flexible stretchable wall portion enclosing a fluid-retaining cavity and fluid conduit means through said wall for passage of inflation fluid into said cavity, an annular layer of flexible, electrically conductive material carried by said wall portion, a covering of relatively non-conductive rubberlike composition over at least portions of said layer, the thickness of said covering being greater at the portions of said bag adapted to bear against the side wall of said casing than at the portions adapted to bear against the shoulder portions thereof, and leads extending from said layer to the exterior of said bag for connecting said layer to a suitable source of high frequency electrical energy.

2,451,993

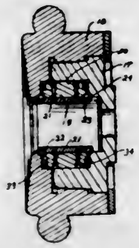
HOLDING DEVICE

Clarence F. Telfor, St. Clair Shores, and Christian Pallenberg, Detroit, Mich.

Application December 26, 1944, Serial No. 569,903

4 Claims. (Cl. 279—1)

1. A holding device of the class described adapted for holding a gear, comprising: a supporting member having a bore formed therein; a bushing mounted in said bore and movable axially thereof; a plurality of axially directed ball retainers mounted on said bushing in circumferential spaced relation and projecting radially inwardly from the inner face of said bushing and adapted for engaging between the teeth of a gear placed within said bushing; balls on each of said retainers and engaging between the teeth of the



gear; a thrust member mounted on said supporting member and movable for delivering an axial thrust to said bushing; means for moving said balls radially upon axial movement of said bushing.

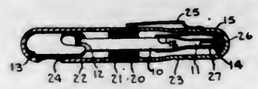
2,451,994

SPLINTER REMOVER

John E. Towns, Milwaukee, Wis.

Application October 28, 1946, Serial No. 706,156

3 Claims. (Cl. 128—354)



1. In a device of the character described, the combination of a glass tube having a reduced discharge end portion and a resilient bulb for discharging an antiseptic from said tube, of a pair of tweezers comprising relatively movable jaws, one of said jaws having a tubular base portion fitting around the discharge end of said glass tube.

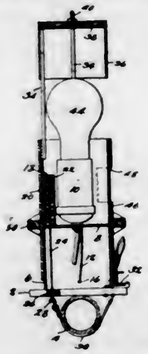
2,451,995

LAMP FOR HOSPITAL BEDS

Eddie P. Truesdale, Orangeburg, S. C.

Application April 14, 1947, Serial No. 741,256

2 Claims. (Cl. 240—11.2)



1. In a lamp, a base, means for securing the base to a support, a cylindrical body rising from the base, a lamp socket in the cylindrical body and an electric bulb in the socket extending above the cylindrical body, a hood supported above and in spaced relation with the cylindrical body, and an apertured cylindrical closure slidably mounted on the cylindrical body adapted to close the space between the cylindrical body and hood, and said apertured cylinder being rotatable about the cylindrical body whereby light rays from the lamp may be directed through the aperture in predetermined directions.

2,451,996

MANUFACTURE OF PHENOLS OR SALTS THEREOF

Daniel Tyrer, Stockton-on-Tees, England

No Drawing. Application August 1, 1947, Serial No. 765,651. In Great Britain August 13, 1942

6 Claims. (Cl. 260—628)

1. A process for the manufacture of phenols or salts thereof which comprises, preparing an intimate solid mixture of an alkali metal salt of the sulphonic acid corresponding to the phenol desired, a caustic alkali in substantially the theoretical quantity and an additional particulate solid substance consisting of finely powdered carbon in such proportion, comprising at least 2 per cent. to about 30 per cent. of the weight of the sulphonic acid salt, that during the subsequent heating operation the reaction mixture does not froth or swell and remains in a substantially solid condition, and then heating the said solid mixture at a temperature ranging from 350 to 400° C. to cause the sulphonic acid salt and caustic alkali to undergo reaction.

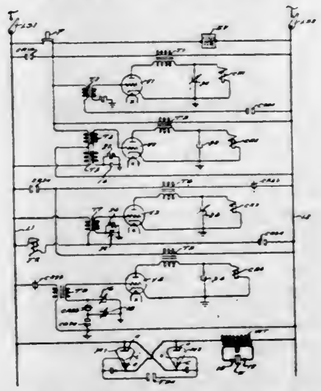
2,451,997

ELECTRONIC TIMING CONTROL SYSTEM

Gustav E. Undy, Detroit, Mich., assignor, by mesne assignments, to Weltronic Company, Oakland County, Mich., a corporation of Michigan

Application June 2, 1944, Serial No. 538,407

11 Claims. (Cl. 250—27)



11. In an electrical control system, a load circuit, operating means for controlling flow of energy through said circuit, a first network including a pair of current-controlling means and a pair of regulating means, one of said pair of regulating means controlling the time interval during which one of said pair of current-controlling means is in one controlling condition, the other of said pair of regulating means controlling the time interval during which the other of said pair of current-controlling means is in one controlling condition, said one current-controlling means acting upon actuation to a second controlling condition to place said other current-controlling means in its

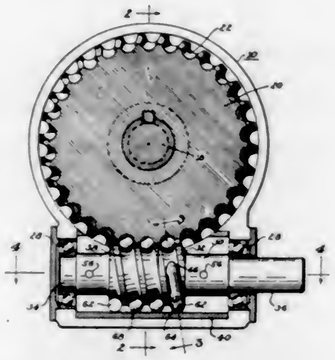
said one controlling condition, said other current-controlling means acting upon actuation to its second current-controlling condition to place said one current-controlling means in its said one controlling condition, means actuated by said other current-controlling means to control the actuation of said operating means in accordance with the actuation of said other current-controlling means whereby the flow of energy through said load circuit is controlled, a second network comprising a pair of condensers of differing charge capacities for determining the time period of operation of said first network, means for initially charging one of said condensers, means operable periodically to provide a transfer of charge from said one condenser to the other of said condensers, means to discharge said other condenser during the time interval between said charge transfers, and means responsive to a predetermined minimum charge of said one condenser to render said first network ineffective.

2,451,998

BALL-BEARING WORM GEAR

Eric C. Wahlberg and Robert C. Lampe, Stamford, Conn., assignors to Electrolux Corporation, New York, N. Y., a corporation of Delaware

Application February 3, 1945, Serial No. 576,070
3 Claims. (Cl. 74—458)



1. Worm gearing comprising a worm gear having recesses extending across its peripheral edge, a hollow worm having a spiral groove extending therearound and having radial passages connecting opposite ends of said groove with the hollow interior, a pair of members within said interior formed with elbow passages opening in radial and axial directions, said members being located with the radial openings communicating with the inner ends of said radial passages, a sleeve in said interior between said members and having an axial bore connecting the axial openings in the members to thereby provide a passageway connecting opposite ends of said spiral groove, means for rotatably mounting said worm gear and said worm about axes substantially at right angles to each other and so that successive turns of said spiral groove are in alignment with successive recesses, a plurality of balls in said spiral groove and passageway and extending into the recesses which are in alignment with the groove, and means for retaining the balls in those portions of said groove which are not aligned with said recesses.

2,451,999

HYDRAULIC FLUIDS

Kenneth E. Walker, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original application September 27, 1941, Serial No. 412,609. Divided and this application September 28, 1944, Serial No. 556,294
3 Claims. (Cl. 252—79)

1. A hydraulic fluid for use in fluid operating apparatus consisting essentially of per 100 parts by weight, 50 to 75 parts of the monoethyl ether of ethylene glycol and from 50 to 25 parts of blown castor oil.

2,452,000

PROCESS FOR THE RECOVERY OF ENZYMES FROM AQUEOUS SOLUTIONS AND PRODUCT OBTAINED THEREBY

James S. Wallerstein and Ralph Thomas Alba, New York, N. Y., assignors, by mesne assignments, to Wallerstein Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application March 24, 1945, Serial No. 584,732
11 Claims. (Cl. 195—63)

11. The method of removing and recovering from aqueous solutions an enzyme active within the range of pH 5 to 11, which comprises precipitating the enzyme by means of a water-soluble alkali cook lignin from a solution having a pH value below 5 but not substantially below 4 so as to form a complex insoluble at such pH value but soluble at a pH value of about 5.0 and higher.

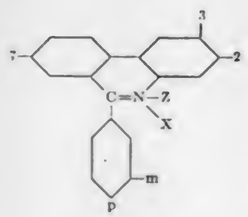
2,452,001

PHENANTHRIDINIUM COMPOUNDS AND METHOD OF MAKING THEM

Leslie Percy Walls, Teddington, England, assignor to The Imperial Trust for the Encouragement of Scientific and Industrial Research, Westminster, England

No Drawing. Application September 2, 1944, Serial No. 552,579. In Great Britain September 4, 1943
14 Claims. (Cl. 260—286)

7. New trypanocidal agents being di-substituted phenanthridinium salts of the general formula



wherein X and Y are respectively the cation and anion of an alkylating agent; and wherein any two of the positions 2–7, 3–7, 7–p, 7–m, 3–p, 3–m, are NHCOOAlk, in pairs and where the unpaired positions are H.

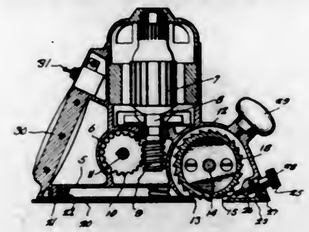
10. Process for the production of carbalkoxyamide (9 - phenyl - phenanthridinium) salts, wherein a corresponding amino-9-phenyl-phenanthridinium salt is reacted with a haloformic ester.

2,452,002

PORTABLE ELECTRIC CLEANER AND SCRAPING TOOL

Altie Clay Ward, Pacific Palisades, Calif.

Application July 26, 1945, Serial No. 607,197
1 Claim. (Cl. 144—115)



A scraper comprising a base, a front end drum housing on the base having a bottom opening therein, a scraper drum rotatably mounted in said housing cross-wise of the base with the lower portion thereof projecting through said opening, a gear housing on the base at the rear of the drum housing, a shaft rotatably mounted in the gear housing cross-wise of said base, a worm gear keyed to the shaft within said gear housing, a side housing on said drum and gear housings, a sprocket and chain drive in the side housing operatively connecting said shaft to said drum, a motor housing surmounting the drum and gear housings, and a motor in said motor housing having a vertical armature shaft terminating in a worm and extending into the gear housing and operatively engaging said worm gear.

2,452,003

PREPARATION OF ZINC PROPIONATE

Arthur George Weber, Wilmington, and Clement H. Hamblet, Gordon Heights, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 30, 1945, Serial No. 632,082
4 Claims. (Cl. 260—429)

1. A continuous process for the preparation of zinc propionate by reacting propionic acid with metallic zinc which comprises reacting metallic zinc with an aqueous solution of propionic acid at a temperature between 50° and 200° C. while continuously during the reaction passing air through the reacting mixture the reaction being conducted by passing the reactants continuously into and the products continuously out of the reaction zone.

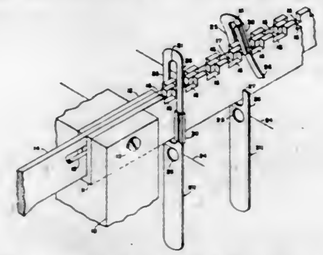
2,452,004

WARP STOP MOTION DROP WIRE

Harry F. Weddington, Salisbury, N. C.

Application September 30, 1947, Serial No. 776,983
4 Claims. (Cl. 139—368)

1. In a loom having a stop motion mechanism comprising a bar or bars for supporting a plurality of drop wires, each of said drop wires having an elongated vertically disposed slot of greater height than the height of the supporting bar, adapted to be penetrated by the supporting bar, each drop wire having a hole therethrough through which the warp yarn is passed for holding the same in elevated position, one side portion of the drop wire on one side of the elongated slot being severed and a sleeve slidably mounted on said severed side portion and adapted to be moved over the severed portion to hold the two portions in alignment with each other, said sleeve also being slidable to a position to where it will not cover the point of severance so that



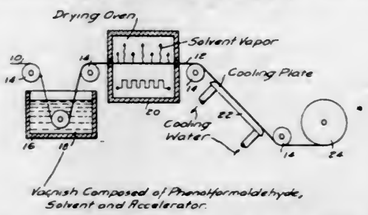
the drop wire may be removed from the supporting bar.

2,452,005

METHOD OF COATING WITH SYNTHETIC RESIN CONTAINING AN ACCELERATOR, AND RESIN COMPOSITION

William C. Weltman, Wilkinsburg, Pa., and Thomas F. Dixon, Pasadena, Calif., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application April 10, 1945, Serial No. 587,508
6 Claims. (Cl. 117—161)

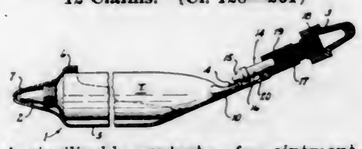


1. A resin composition, comprising in combination, an A-stage partially reacted solvent soluble phenol-aldehyde thermosetting resin derived by reacting a phenol from the group consisting of phenol, cresols, and cresylic acid with an aldehyde from the group consisting of formaldehyde and its polymers, from 0.1% to 2% of the weight of the resin of an accelerator to expedite gelation of the resin when subjected to heating to a condition short of the final infusible state, the accelerator having been added after the resin has been partially reacted to the A-stage, the accelerator being selected from the group composed of primary saturated aliphatic amines having no other reactive groups than the amine groups, having nitrogen attached to a methylene group and having less than 5 carbon atoms per amino group, the primary organic amines having a boiling point above 50° C., and a solvent for the resin and accelerator.

5. In a process for applying a partially reacted A-stage thermosetting phenolic resin derived by reacting a phenol from the group consisting of phenol, cresols, and cresylic acid with an aldehyde from the group consisting of formaldehyde and its polymers in solution in a volatile solvent to fibrous material, the steps comprising incorporating in the solution of the A-stage phenolic resin from 0.1% to 2% of the weight of the resin of a primary saturated aliphatic organic amine having nitrogen attached to a methylene group, the organic amine having no other reactive group than the amine group, the organic amine having a boiling point above 50° C. and not more than five aliphatic carbon atoms per primary amino group, applying the solution of phenolic resin to

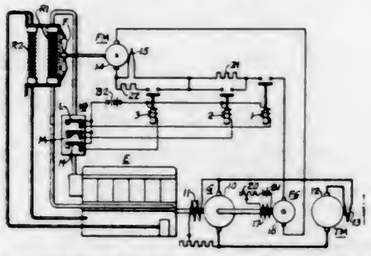
the fibrous material and subjecting the treated fibrous material to heat in order to remove the solvent and to further polymerize the phenolic resin to a condition short of the final infusible state, the organic amine providing for a more rapid reaction as compared to the reaction without the organic amine.

2,452,006
OINTMENT APPLICATOR
Mack M. Werner, Brooklyn, N. Y.
Application June 26, 1947, Serial No. 757,257
12 Claims. (Cl. 128—261)



1. A sterilizable protector for ointment tubes and the like including in combination a tube-supporting container in which an ointment tube may be removably housed, said container having a sheath for enclosing the dispensing end of said tube, and an opening in said sheath for delivery of ointment extruded from the tube, said container having means at the end opposite said dispensing end for holding said tube in said container.

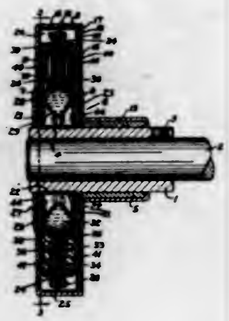
2,452,007
THERMOSTATIC REGULATION FOR ENGINE COOLING
Thelbert L. Weybrew, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 12, 1945, Serial No. 622,050
5 Claims. (Cl. 123—178)



5. In a system for controlling the temperature of an internal combustion engine having a radiator for cooling fluid and a plurality of temperature responsive devices disposed to operate successively, in combination, a fan motor, a generator driven by the engine to supply power to the fan motor, a plurality of resistors for controlling the generator voltage by varying its exciting current, and a plurality of switches operable successively under the control of said temperature responsive devices for shunting said resistors to vary the voltage applied to and the speed of the fan motor.

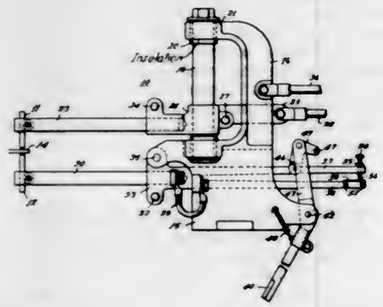
2,452,008
MERCURY CLUTCH
Arthur M. Wickwire, Mountain Lakes, N. J., and Hans J. Zimmermann, Canton, Ohio, assignors, by mesne assignments, to Automatic Steel Products, Inc., a corporation of Delaware
Application March 2, 1945, Serial No. 580,682
21 Claims. (Cl. 192—105)

1. In a liquid actuated clutch wherein driving engagement between driving and driven members is established upon rotation of one of the members by liquid thrown centrifugally outwardly in a chamber formed in one of the members—a flexible liquid containing gland, means confining a body of liquid within said gland, a rotatable driving member including torque plate means adjacent the gland fixed to the driving mem-



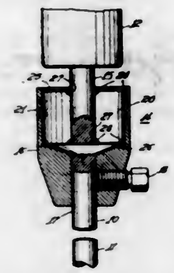
ber for rotation therewith, there being windows formed in the torque plate means, friction shoe segments carried in said windows for axial movement relative to the torque plate means, pressure plate means interposed between the gland and friction shoe means, and a driven member housing having an engaging surface adjacent the friction shoe means.

2,452,009
WELDING APPARATUS
Foster R. Woodward, Pleasant Ridge, Mich., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 21, 1946, Serial No. 671,214
8 Claims. (Cl. 219—4)



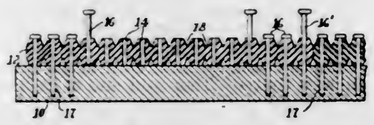
1. In a resistance welding machine, a fixed electrode, a relatively movable electrode, a movable support having rigidly connected bifurcated portions and arranged to support the movable electrode at one end, means actuating the movable support to produce welding pressure between the electrodes, and switch means responsive to predetermined deformation between the bifurcated portions of the support controlling energization of the electrodes.

2,452,010
WELDING APPARATUS
Foster R. Woodward, Pleasant Ridge, Mich., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 21, 1946, Serial No. 671,215
6 Claims. (Cl. 219—4)



1. A holder for a spot welding electrode comprising, a stem, a socket for the electrode having a recess arranged to receive the stem, and means connecting the stem and socket including relatively flat resilient current conducting means positioned in the recess integrally connected to the stem and to the socket on opposite sides of the stem.

2,452,011
HAND WEAVING DEVICE
Hyman M. Zippel, Philadelphia, Pa.
Application February 24, 1947, Serial No. 730,233
17 Claims. (Cl. 139—34)

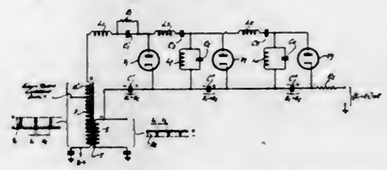


4. A device of the character described comprising a square support having a plurality of equally spaced holes in rows at right angles to each other for the reception of pegs about which warp and weft threads are adapted to be wound during weaving, said rows of holes being parallel to the edges of the support, the distance between each edge of the support and the adjacent row of holes being equal to one half the distance between adjacent rows of holes, whereby a plurality of supports may be assembled so that the distance between adjacent rows of holes of two supports placed side by side are as equally spaced from each other as those in the other portions of the supports.

2,452,012
NITRILES
Paul J. Flory, Kent, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application February 20, 1946, Serial No. 649,133
4 Claims. (Cl. 260—464)

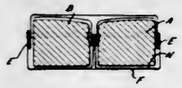
4. As a new chemical compound, a compound selected from the group consisting of 3,3,5,5,3',3',5',5' - octa(beta - cyanoethyl) - 4,4'-diketodicyclohexyl; bis[3,3,5,5 tetra(beta-cyanoethyl)-4-ketocyclohexyl]methane; and 2,2 bis-[3,3,5,5 tetra(beta - cyanoethyl) - 4 - ketocyclohexyl] propane.

2,452,013
POWER SUPPLY
Albert Wiley Friend, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 29, 1945, Serial No. 631,732
7 Claims. (Cl. 171—97)



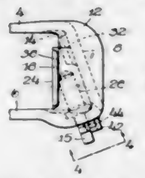
1. In a system for obtaining a substantially smooth D.-C. output voltage from an input comprising a series of substantially unidirectional voltage pulses: the combination of a first rectifying unit comprising a unilateral conducting device and an energy-storage element connected in series relation across said unidirectional pulse input; a second rectifying unit comprising a further unilateral conducting device, a further energy-storage element connected in series relation with said further unilateral conducting device, and a parallel inductance-capacitance circuit designed to be resonant at a multiple of the frequency of the said input pulses, said parallel inductance-capacitance circuit being connected in shunt with the series combination of said further unilateral conducting device and said further energy-storage element; and means for coupling together said first and second rectifying units so that the respective energy-storage elements of the units are in series relation.

2,452,014
DUPLEX PACKAGE AND METHOD OF MAKING THE SAME
George A. Kihn, Richmond, Staten Island, N. Y., assignor to American Machine and Foundry Company, a corporation of New Jersey
Application August 9, 1944, Serial No. 548,758
9 Claims. (Cl. 99—173)



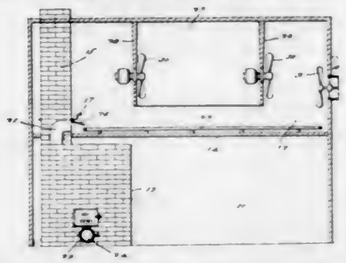
1. The method of forming a wrapped bakery article of the group consisting of sliced and unsliced loaves of bread which comprises completely wrapping said article and securing the wrapper about the same to form a wrapped package, then dividing said package into two substantially equal partially wrapped parts, each of said parts being enclosed within said wrapper except for one end, turning each of said parts end for end and bringing the fully wrapped ends thereof into contact to form a partially wrapped loaf assembly, then completely wrapping said assembly including folding the projecting wrapper ends about the exposed ends of each of said partially wrapped parts, and securing said wrapper about said assembly to form a completely wrapped composite package.

2,452,015
ADJUSTING MEANS FOR YOKE ARRANGEMENTS
Edmund P. Kinne and Frank H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application July 3, 1944, Serial No. 543,382
10 Claims. (Cl. 213—67)



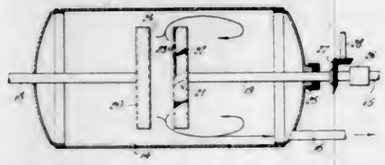
1. In a draft arrangement, a yoke having vertical and horizontal webs defining a rectangular opening for a draft gear, a diagonal member at the rear of said yoke defining with said webs a substantially triangular pocket, means in said pocket projecting into said opening for adjusting the effective length thereof, comprising a wedge slidable along said member, an adjusting screw within said pocket in threaded engagement with said wedge for moving said wedge upwardly along said member, thereby adjusting the effective length of said opening, means on said diagonal member and said wedge for maintaining said wedge in normal vertical position, said last-mentioned means comprising a T-shaped lug on said member and a complementary pocket in said wedge opening at the top thereof and receiving said lug, the lower of said horizontal webs having a diagonal portion forming a seat, a shoulder on said screw seated on said seat, and an elongate slot in said lower web extending through a portion of said seat, said screw having a T-shaped shank adapted to pass through said slot in a single rotatable position of the screw, and releasable engaging means on said yoke and said screw for fixing said screw against rotation.

2,452,016
SMOKEHOUSE FOR FISH AND OTHER FOODSTUFF
Alfred L. Lyon, Eastport, Maine; Zelma A. Lyon, Roscoe C. Emery, and Charles C. Norton, all of Eastport, Maine, executors of said Alfred L. Lyon, assignors to Zelma A. Lyon, Roscoe C. Emery, and Charles C. Norton, all of Eastport, Maine, cotrustees.
Application November 27, 1943, Serial No. 511,976
6 Claims. (Cl. 99—259)



4. A smoke-house comprising an oven, a closed-in fireplace within said oven and spaced from the walls and top of said oven, outlet means adjacent the top of said fireplace for conducting smoke between said walls of said oven and fireplace, means for regulating the draft in said fireplace, a chamber above said oven, a smoke room having the bottom open suspended in said chamber, a smoke-stack extending from said oven through said chamber, selectively operable means in said stack for directing smoke from said oven to said chamber and said smoke room or through said stack.

2,452,017
METHOD OF MIXING ALKYLATION REACTANTS
Julius B. Middleton, Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application December 10, 1941, Serial No. 422,362
1 Claim. (Cl. 260—683.4)

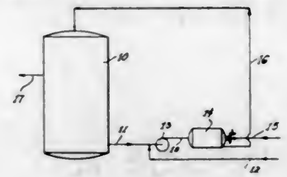


In an alkylation process which includes maintaining a fluid reaction mass resulting from reaction of an olefin with an isoparaffin in the presence of a liquid acid catalyst, withdrawing a portion of said mass for separation of product therefrom, withdrawing a second portion of said mass, adding fresh reactants and catalyst thereto and returning said second portion admixed with fresh reactants and catalyst to said reaction zone; the method of admixing said catalyst and reactants with said second portion which comprises adding fresh catalyst to said second portion and injecting the same as a plurality of parallel fine catalyst mixture streams longitudinally of a substantially cylindrical mixing zone maintained substantially full of liquid, withdrawing a fluid mixture from the end of said mixing zone toward which said catalyst mixture streams are directed, inducing cyclic flow of fluids in said mixing zone to cause fluids to flow longitudinally along the axis thereof from said end of said mixing zone toward said catalyst mixture streams and return flow along an annular path surrounding said flow toward said streams, injecting fresh reactants as a plurality of fine reactant streams into said return flow and rotating the points of injection of said reactant streams about the axis of said mixing zone; whereby said fresh reactants are dispersed uniformly through a stream of reaction mixture in which fresh catalyst has been uniformly distributed.

2,452,018
ALKYLATION PROCESS
Julius Blake Middleton, New York, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Continuation of application Serial No. 422,362, December 10, 1941. This application November 5, 1945, Serial No. 626,865
2 Claims. (Cl. 260—683.4)

1. A process for the catalytic alkylation of an alkylatable hydrocarbon with an alkylating agent in the presence of a liquid alkylation catalyst which comprises introducing the alkylatable hydrocarbon and the liquid alkylation catalyst into a reaction zone, maintaining a relatively large body of liquid reaction mixture under alkylating conditions in said zone, agitating said body of reaction mixture, introducing the alkylating agent into said body of reaction mixture through

an orifice, and throughout said introduction moving said orifice at high speed through the body of reaction mixture in said zone and thereby effecting rapid dispersal of said alkylating agent



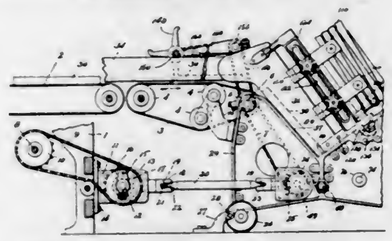
throughout said body of reaction mixture, preventing local concentrations of the alkylating agent in said body and maintaining the concentration of the alkylating agent throughout the reaction zone at the desired minimum.

2,452,019
CLAMP FOR ELECTRIC FUSES, ETC.
Raymond N. Rowe, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut
Application July 1, 1947, Serial No. 758,391
9 Claims. (Cl. 173—328)



1. A fuse clip having two contact jaws, one jaw having two spaced parts with a space between the parts, a U-shaped clamping member extending through said space and having two extensions bent to overlap edges of the two spaced parts of the one jaw and a spring interposed between said clamping member and the other jaw.

2,452,020
BOX STACKER
Clayton Straw, Henniker, N. H., assignor to Kingsbury & Davis Machine Company, Contoocook, N. H., a corporation of New Hampshire
Application February 10, 1943, Serial No. 475,453
4 Claims. (Cl. 214—7)

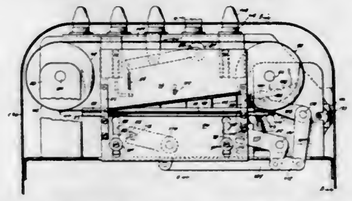


1. Stacking devices for boxes having in combination means feeding the boxes one by one, a surface supporting the boxes, a pusher engaging the boxes one by one and pushing them in the same direction over such supporting surface, and means varying the angular inclination of the pushing surface of the pusher by causing one end of the pusher to be in the lead during alternate working strokes and the other end to be in the lead during the intermediate working strokes.

2,452,021
TREATMENT OF DRILLING FLUIDS
Truman B. Wayne, Houston, Tex.
No Drawing. Application June 5, 1939, Serial No. 277,564
12 Claims. (Cl. 252—8.5)

1. An aqueous well drilling fluid containing a gel-forming constituent and a small percentage of a degelling poly-derivative of at least one water-soluble derivative of a normally solid acidic oxide as herein defined, of an element of one of the groups III, IV, V and VI of the periodic system.

2,452,022
TICKET MACHINE
Richard I. N. Weingart, Glen Head, and Torkel E. Torkelson, Baldwin, N. Y., assignors to General Register Corporation, Long Island City, N. Y., a corporation of New York
Application May 2, 1947, Serial No. 745,672
12 Claims. (Cl. 235—98)

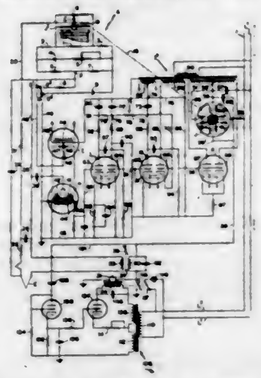


7. In a ticket machine provided with means for severing tickets from the stub portions thereof, the combination of means for counting the severed tickets, such means comprising a frame, a member mounted in the frame having a longitudinal opening providing a channel of sufficient length to receive a plurality of interconnected ticket units to be severed, a wheel journalled adjacent one end of the channel and arranged to be rotated by movement of the ticket relative to the wheel, means for moving the severed ticket relative to the wheel, and a counter operatively connected with the wheel.

2,452,023
SAFE FAILURE MEASURING AND CONTROLLING APPARATUS
Rudolf F. Wild, Philadelphia, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 15, 1947, Serial No. 735,009
42 Claims. (Cl. 318—28)

1. The combination with electrical measuring and control apparatus comprising an electronic amplifier having an input circuit and an output circuit, measuring means connected to said input circuit and responsive to variations in the value of a variable quantity and adapted on a change in said quantity to impress an alternating current signal indicative of said change and of relatively low frequency on said input circuit, and a mechanism connected to said output circuit and actuated by and in selective accordance with the relatively low frequency signal impressed on said input circuit, of means coupling said input and output circuits to transfer energy from said output circuit to said input circuit and thereby impress a relatively high frequency signal on the relatively low frequency signal impressed on said input circuit, the magnitude of the relatively low frequency signal being proportioned to carry the relatively high frequency signal through said amplifier when said apparatus is in its normal

operative condition and to attain a value high enough to cause the relatively high frequency signal to be clipped or cut off in said amplifier on the development of an apparatus defect prevent-



ing normal operation of said apparatus, and control means for producing a control effect when the relatively high frequency signal disappears from said output circuit.

2,452,024

PREPARATION OF ALUMINUM SULFATE

William S. Wilson, Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application October 21, 1943, Serial No. 507,181
10 Claims. (Cl. 23—123)

1. The method of preparing water-soluble substantially anhydrous neutral aluminum sulfate which comprises preparing a solution of neutral aluminum sulfate containing at least 15% Al_2O_3, maintaining said solution at a temperature not less than 75° C. and above that temperature at which the amorphous solid solution of neutral aluminum sulfate will form and not higher than about 105° C. for at least three hours and until the solution has finally set to a readily disintegrable solid mass of crystals of substantially the same mass as the original solution, and then dehydrating the resulting crystals to the anhydrous state.

10. The method of preparing a mixture of water-soluble crystals of neutral and basic aluminum sulfate having an average basicity varying from neutral to 22% which comprises preparing a solution of aluminum sulfate having an average basicity within the above range and containing from 13 to 17% Al_2O_3, and maintaining said solution at a temperature not less than 75° C. and above that temperature at which the amorphous solid solution of neutral aluminum sulfate will form and not higher than about 105° C. for at least three hours and until the solution has finally set to a readily disintegrable solid mass of crystals of substantially the same mass as the original solution.

2,452,025

BRUSH SUPPORT

Herman Jonah Dunn, New Haven, Conn.

Application July 5, 1946, Serial No. 681,509
1 Claim. (Cl. 248—110)

Means for supporting a paint brush in a horizontal position over a paint pail, comprising a length of wire bent to form upwardly extending loops at each end thereof, one side of each loop engaging the inside of the pail and the other side



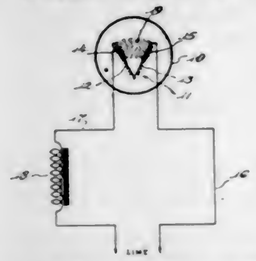
of the loop engaging the outside of the pail and the free ends of the wire being rebent in curvilinear shape to facilitate application of the brush support on the paint pail.

2,452,026

GASEOUS DISCHARGE LAMP CIRCUIT

Albert E. Feinberg, Chicago, Ill., assignor to Advance Transformer Co., Chicago, Ill., a corporation of Illinois

Application June 11, 1947, Serial No. 753,951
4 Claims. (Cl. 315—283)



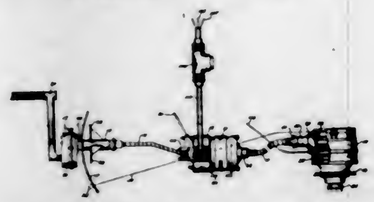
1. In a circuit for providing proper regulation for a gaseous discharge lamp in which the voltage is dropped from about 24 to 12 upon the striking of the arc within the lamp, a reactive component connected in series with the lamp and a conventional 110 volt alternating current line and comprising a single winding choke coil characterized by a high leakage reactance at a low flux density.

2,452,027

ENGINE STARTING SYSTEM

Ralph M. Heintz, Cleveland, Ohio, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio, a corporation of Delaware

Original application September 24, 1942, Serial No. 459,566. Divided and this application October 13, 1943, Serial No. 506,023
3 Claims. (Cl. 123—179)



1. A starting system for an internal combustion engine in a vehicle comprising an inertia starter unit mounted on said engine, an electric motor mounted on said vehicle adjacent said starter unit so as to be subject to less vibration than said starter unit, a flexible shaft drive connecting one end of said motor with said starter unit, an overrun-

ning clutch incorporated in the other end of said motor and having its driven element connected with the motor shaft, a hand crank receiving unit mounted on said vehicle in an accessible position, and a flexible shaft drive connecting said crank receiving unit with the driving element of said clutch.

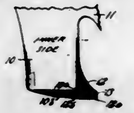
2,452,028

ANTISPLASH CONSTRUCTION FOR FOOTWEAR

Curry Ora Walper, Kitchener, Ontario, Canada

Application July 10, 1945, Serial No. 604,198
4 Claims. (Cl. 36—70)

1. In a heel for footwear, a conductor for directionally influencing molecularly adhered drip drainage across the heel substantially from the inner to the outer side thereof, consisting of a deformation of the heel breast characterized by the lower portion thereof extending in advance of its normal plane as a tongue and free of the

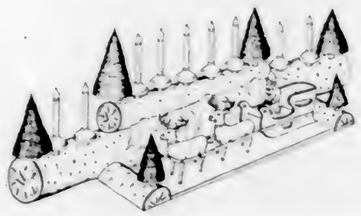


shank portion of the footwear, said extended portion running in an oblique sweep substantially from the inner to the outer side so that the tip of said extended portion lies in the region of the outer side of the footwear.

DESIGNS

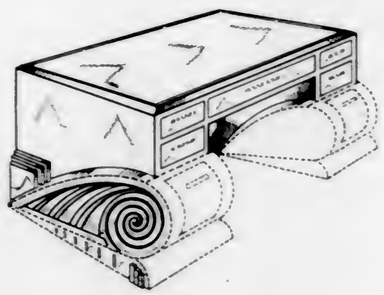
OCTOBER 19, 1948

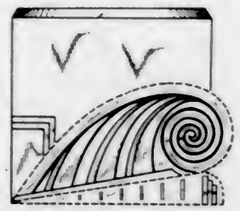
151,424
DESIGN FOR A COUNTER DECORATIVE UNIT OR THE LIKE
Harold A. Bahr, Greendale, Wis.
Application April 19, 1947, Serial No. 138,505
Term of patent 3½ years
(Cl. D29—1)



The ornamental design for a counter decorative unit or the like, as shown.

151,425
DESIGN FOR A DESK
Jack Barofsky, Los Angeles, Calif.
Application February 8, 1947, Serial No. 136,778
Term of patent 14 years
(Cl. D33—7)





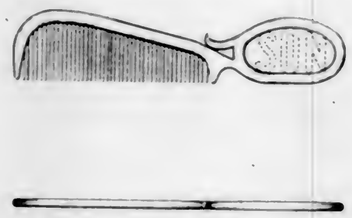
The ornamental design for a desk, as shown and described.

151,426
DESIGN FOR AN ADVERTISING FIGURINE
Emerson C. Bishop, Los Angeles, Calif.
Application April 18, 1947, Serial No. 138,473
Term of patent 14 years
(Cl. D1—3)



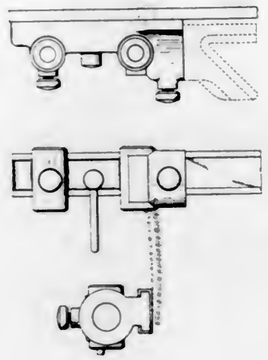
The ornamental design for an advertising figurine, as shown.

151,427
DESIGN FOR A HAIR COMB
Allan Bresn, Chicago, Ill.
Application March 26, 1947, Serial No. 137,917
Term of patent 14 years
(Cl. D86—8)



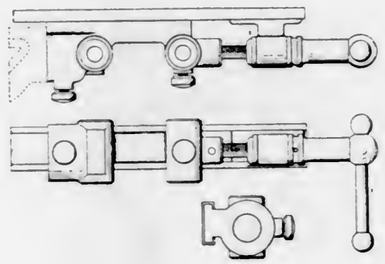
The ornamental design for a hair comb, as shown.

151,428
DESIGN FOR A VISE-JAW HOLDER AND SUPPORT THEREFOR
Herman E. Clauss, Affton, Mo.
Application March 1, 1946, Serial No. 127,000
Term of patent 7 years
(Cl. D54—13)



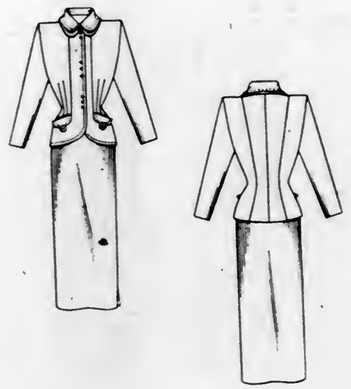
The ornamental design for a vise-jaw holder and support therefor, as shown and described.

151,429
DESIGN FOR AN ADJUSTABLE VISE-JAW HOLDER AND SUPPORT THEREFOR
Herman E. Clauss, Affton, Mo.
Application March 1, 1946, Serial No. 127,001
Term of patent 7 years
(Cl. D54—13)



The ornamental design for an adjustable vise-jaw holder and support therefor, as shown and described.

151,430
DESIGN FOR A SUIT
Sidney Cohen, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application April 21, 1948, Serial No. 145,873
Term of patent 3½ years
(Cl. D3—4)



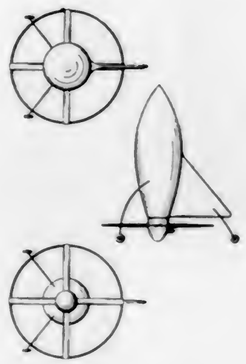
The ornamental design for a suit, substantially as shown.

151,431
DESIGN FOR A LIPPED GLASS OR SIMILAR ARTICLE
Benjamin Cooper, New York, N. Y., Albert F. Hohmann, Teaneck, N. J., and Alfons Bach, Stamford, Conn.; said Hohmann and said Bach assignors to said Cooper
Application February 1, 1947, Serial No. 136,612
Term of patent 7 years
(Cl. D36—8)



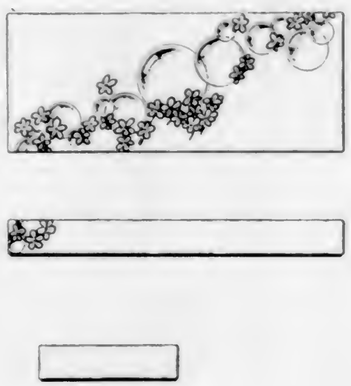
The ornamental design for a lipped glass or similar article, as shown.

151,432
DESIGN FOR A TOY AIRCRAFT OR SIMILAR ARTICLE
Wiley K. Crowder, Detroit, Mich.
Application December 31, 1946, Serial No. 135,868
Term of patent 14 years
(Cl. D34—15)



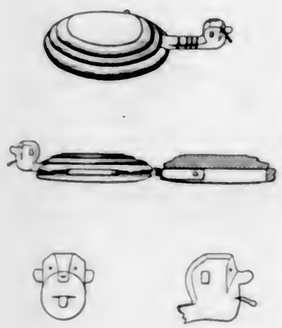
The ornamental design for a toy aircraft or similar article, substantially as shown.

151,433
DESIGN FOR A BOX
Charles F. Cruze and Rollin H. Killoran, Los Angeles, Calif., assignors to Robert H. Clark, Los Angeles, Calif.
Application May 27, 1946, Serial No. 130,129
Term of patent 7 years
(Cl. D58—12)



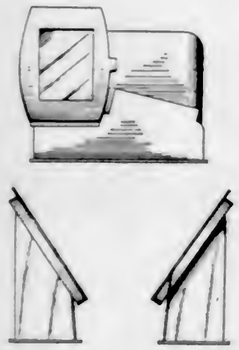
The ornamental design for a box, as shown.

151,434
DESIGN FOR A TOY FIGURE
Kenneth R. Eames, Worcester, Mass.
Application March 11, 1947, Serial No. 137,517
Term of patent 14 years
(Cl. D34—15)



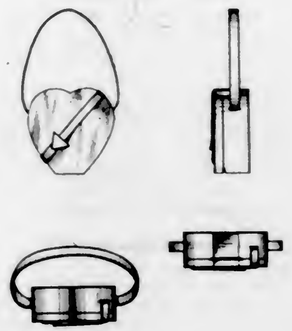
The ornamental design for a toy figure, as shown.

151,435
DESIGN FOR A DISPLAY STAND OR SIMILAR ARTICLE
Ralph Epstein, New York, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J.
Application December 13, 1946, Serial No. 135,488
Term of patent 3½ years
(Cl. D80—9)



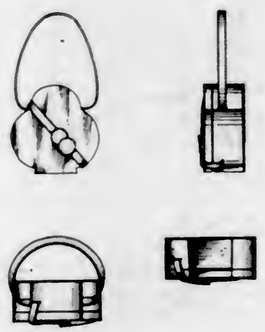
The ornamental design for a display stand or similar article, as shown.

151,436
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Ralph Ewing, New York, N. Y.
Application December 18, 1947, Serial No. 143,198
Term of patent 3½ years
(Cl. D87—3)



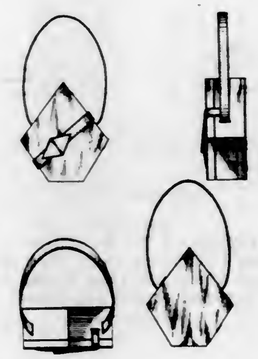
The ornamental design for a handbag or similar article, substantially as shown and described.

151,437
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Ralph Ewing, New York, N. Y.
Application January 15, 1948, Serial No. 143,816
Term of patent 3½ years
(Cl. D87—3)



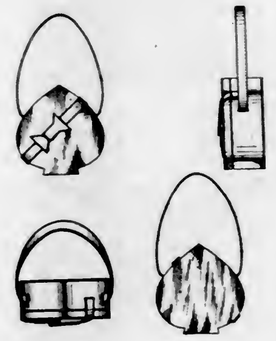
The ornamental design for a handbag or similar article, substantially as shown and described.

151,438
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Ralph Ewing, New York, N. Y.
Application January 15, 1948, Serial No. 143,817
Term of patent 3½ years
(Cl. D87—3)



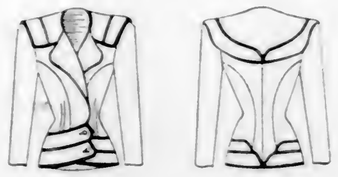
The ornamental design for a handbag or similar article, substantially as shown.

151,439
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Ralph Ewing, New York, N. Y.
Application January 15, 1948, Serial No. 143,818
Term of patent 3½ years
(Cl. D87—3)



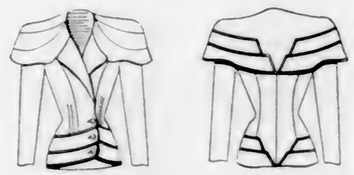
The ornamental design for a handbag or similar article, substantially as shown.

151,440
DESIGN FOR A JACKET
Nathan Finkelstein, New York, N. Y.
Application March 26, 1948, Serial No. 145,364
Term of patent 3½ years
(Cl. D3—4)



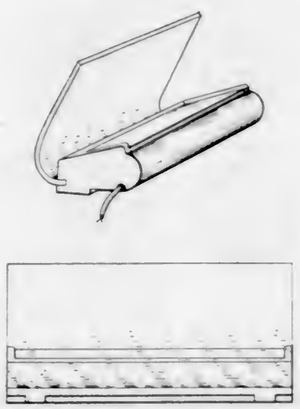
The ornamental design for a jacket, substantially as shown.

151,441
DESIGN FOR A JACKET
Nathan Finkelstein, New York, N. Y.
Application March 26, 1948, Serial No. 145,365
Term of patent 3½ years
(Cl. D3—4)



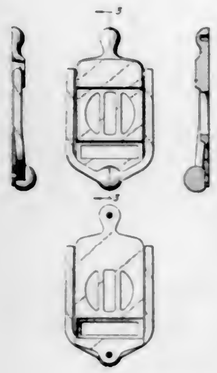
The ornamental design for a jacket, substantially as shown.

151,442
DESIGN FOR AN ILLUMINABLE SIGN
James R. Fitzgerald and Zelman S. Levine, Duluth, Minn.
Application April 10, 1946, Serial No. 128,442
Term of patent 7 years
(Cl. D1—12)



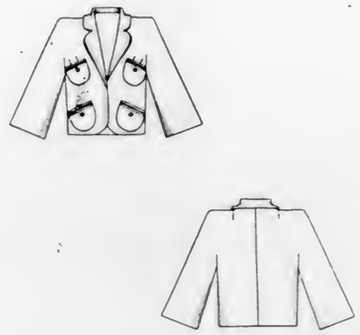
The ornamental design for an illuminable sign, substantially as shown.

151,443
DESIGN FOR A DOOR KNOCKER
Edward T. Fraim, II, Lancaster, Pa., assignor to E. T. Fraim Lock Company, Lancaster, Pa., a corporation of Pennsylvania
Application January 9, 1948, Serial No. 143,605
Term of patent 14 years
(Cl. D10—7)



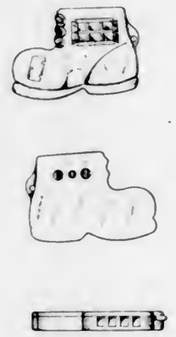
The ornamental design for a door knocker, as shown.

151,444
DESIGN FOR A JACKET
Harry Goldberg, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application December 29, 1947, Serial No. 143,417
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a jacket, substantially as shown.

151,445
DESIGN FOR A MUSICAL TOY OR SIMILAR ARTICLE
Joseph Green, New York, N. Y.
Application April 24, 1947, Serial No. 138,589
Term of patent 3½ years
(Cl. D34—15)



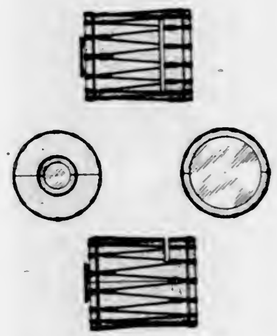
The ornamental design for a musical toy or similar article, as shown.

151,446
DESIGN FOR A SLIP
Harry J. Greenberger, Morristown, N. J.
Application September 17, 1946, Serial No. 133,373
Term of patent 14 years
(Cl. D3—26)



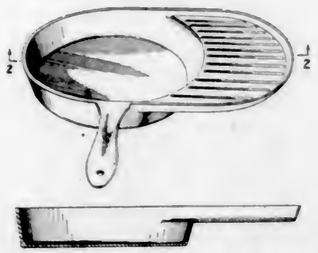
The ornamental design for a slip, substantially as shown and described.

151,447
DESIGN FOR A SLIDE VIEWER
Percy H. Halbriter, Los Angeles, Calif.
Application March 27, 1947, Serial No. 137,946
Term of patent 7 years
(Cl. D61—1)



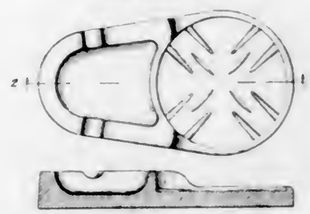
The ornamental design for a slide viewer, substantially as shown.

151,448
DESIGN FOR A FRYING PAN
William Hallgarth, Hatboro, Pa., assignor of one-half to Marvin L. Gill, Lansdale, Pa.
Application July 16, 1946, Serial No. 131,603
Term of patent 14 years
(Cl. D44—1)



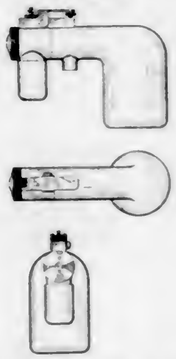
The ornamental design for a frying pan, as shown.

151,449
DESIGN FOR A COMBINED COASTER AND ASH TRAY
William E. Jenkins, Sierra Madre, Calif.
Application November 12, 1946, Serial No. 134,713
Term of patent 7 years
(Cl. D44—10)



The ornamental design for a combined coaster and ash tray, as shown.

151,450
DESIGN FOR A PAINT SPRAYING DEVICE OR SIMILAR ARTICLE
Wilbur Johndrew, Buffalo, N. Y.
Application May 31, 1946, Serial No. 130,290
Term of patent 3½ years
(Cl. D62—2)



The ornamental design for a paint spraying device or similar article, as shown.

151,451
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,124
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,452
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,126
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,453
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 16, 1948, Serial No. 145,127
Term of patent 7 years
(Cl. D45—16)



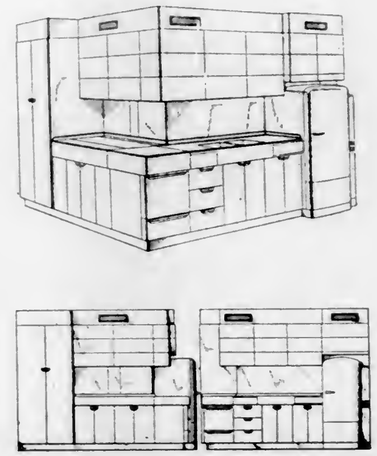
The ornamental design for a necklace or similar article, substantially as shown and described.

151,454
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 17, 1948, Serial No. 145,171
Term of patent 7 years
(Cl. D45—4)



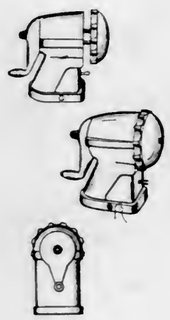
The ornamental design for a bracelet or similar article, substantially as shown and described.

151,455
DESIGN FOR A COMBINATION KITCHEN AND LAUNDRY UNIT
Leonard Keller, Tuckahoe, N. Y., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application February 25, 1947, Serial No. 137,162
Term of patent 14 years
(Cl. D33—19)



The ornamental design for a combination kitchen and laundry unit, substantially as shown.

151,456
DESIGN FOR A PENCIL SHARPENER
Åke Jarl Erik Kihlberg, Stockholm, Sweden, assignor to Instrumentaktiebolaget J. A. Palm, Stockholm, Sweden
Application December 31, 1946, Serial No. 135,856
In Sweden December 19, 1946
Term of patent 14 years
(Cl. D74—23)



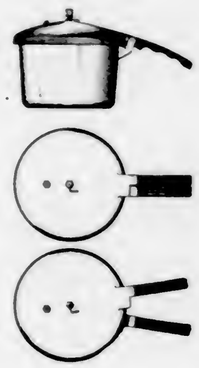
The ornamental design for a pencil sharpener, as shown.

151,457
DESIGN FOR A REFRESHMENT STAND
Carl F. Krueger, Webster Groves, and Albert R. Krueger, Northwoods, Mo.
Application October 9, 1947, Serial No. 141,836
Term of patent 14 years
(Cl. D13—1)



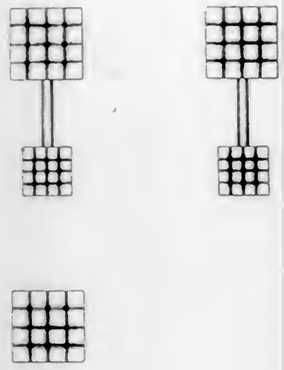
The ornamental design for a refreshment stand, as shown.

151,458
DESIGN FOR A PRESSURE COOKER
Ernoll Wayne La Barre, New York, N. Y., assignor of one-half to Herbert C. Leech, doing business as Herbert C. Leech Illustrators, New York, N. Y.
Application January 9, 1947, Serial No. 136,019
Term of patent 7 years
(Cl. D44—1)



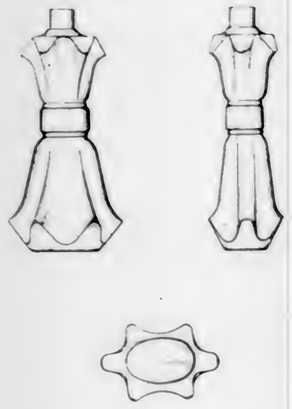
The ornamental design for a pressure cooker, as shown.

151,459
DESIGN FOR A CUFF LINK OR SIMILAR ARTICLE
Irving M. Lang, New York, N. Y.
Application May 13, 1947, Serial No. 139,015
Term of patent 3½ years
(Cl. D17—7)



The ornamental design for a cuff link or similar article, substantially as shown and described.

151,460
DESIGN FOR A BOTTLE
Jean Bourges Mayfield, New York, N. Y., assignor to Joseph S. Lindemann, New York, N. Y.
Application August 13, 1946, Serial No. 132,484
Term of patent 14 years
(Cl. D58—9)



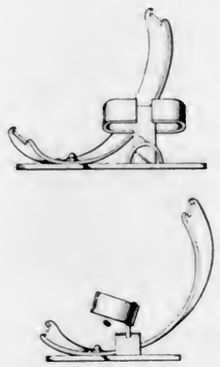
The ornamental design for a bottle, substantially as shown.

151,461
DESIGN FOR A HANDBAG
Leon E. Meadow, New York, N. Y.
Application March 24, 1948, Serial No. 145,319
Term of patent 3½ years
(Cl. D87—3)



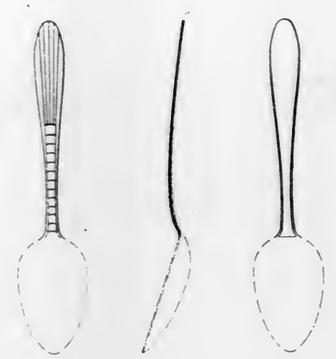
The ornamental design for a handbag, substantially as shown.

151,462
DESIGN FOR A DISPLAY STAND FOR WATCH BRACELETS AND BANDS
Charles A. Mealy, East Orange, N. J., assignor to Forstner Chain Corporation, a corporation of New Jersey
Application October 4, 1946, Serial No. 133,747
Term of patent 3½ years
(Cl. D80—9)



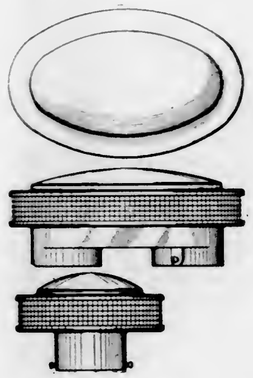
The ornamental design for a display stand for watch bracelets and bands, substantially as shown.

151,463
DESIGN FOR A SPOON OR SIMILAR ARTICLE OF TABLEWARE
Arthur I. Meyer, New York, N. Y.
Application November 7, 1947, Serial No. 142,370
Term of patent 14 years
(Cl. D54—12)



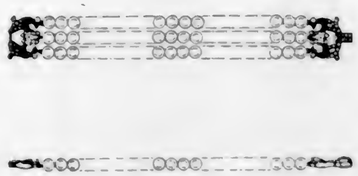
The ornamental design for a spoon or similar article of tableware, substantially as shown and described.

151,464
DESIGN FOR AN AIR FILTER
Niels H. F. Oisen, Dearborn, Mich.
Application June 20, 1947, Serial No. 139,845
Term of patent 14 years
(Cl. D62—4)



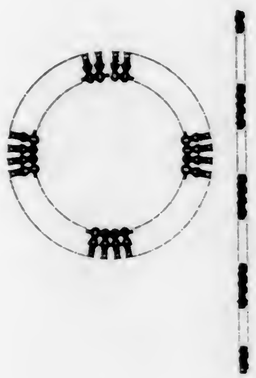
The ornamental design for an air filter, as shown.

151,465
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 13, 1948, Serial No. 145,077
Term of patent 7 years
(Cl. D45—4)



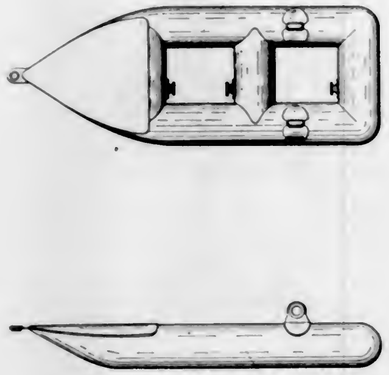
The ornamental design for a bracelet or similar article, substantially as shown and described.

151,466
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 31, 1948, Serial No. 145,457
Term of patent 7 years
(Cl. D45—16)



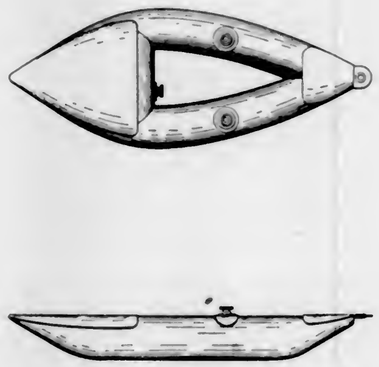
The ornamental design for a necklace or similar article, substantially as shown and described.

151,467
DESIGN FOR A COLLAPSIBLE UTILITY BOAT
Thomas A. Potts, Ware, and Helen V. Waskiewicz, Warren, Mass.
Application May 10, 1946, Serial No. 129,580
Term of patent 14 years
(Cl. D71—1)



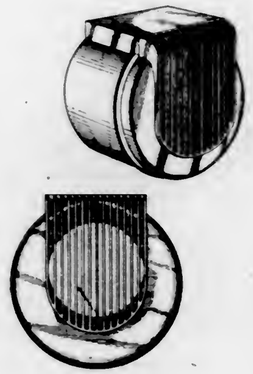
The ornamental design for a collapsible utility boat, as shown.

151,468
DESIGN FOR A COLLAPSIBLE KAYAK BOAT
Thomas A. Potts, Ware, and Helen V. Waskiewicz, Warren, Mass.
Application May 10, 1946, Serial No. 129,581
Term of patent 14 years
(Cl. D71—1)



The ornamental design for a collapsible kayak boat, as shown.

151,469
DESIGN FOR AN AUTOMOBILE HEATER CASING OR THE LIKE
Jean O. Reinecke, Oak Park, Ill., assignor to Motorola, Inc., a corporation of Illinois
Application November 13, 1946, Serial No. 134,745
Term of patent 14 years
(Cl. D14—6)



The ornamental design for an automobile heater casing or the like, substantially as shown and described.

151,470
DESIGN FOR AN ELECTRIC IRON
Allan E. Ross, Vancouver, British Columbia, Canada
Application August 12, 1947, Serial No. 140,832
In Canada May 3, 1947
Term of patent 14 years
(Cl. D49—6)



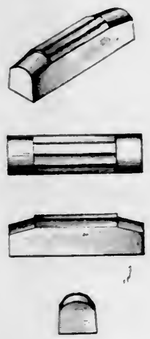
The ornamental design for an electric iron, as shown and described.

151,471
DESIGN FOR A GAS REGULATOR
Theodore A. St. Clair and William R. Eddy, Bartlesville, Okla., assignors to Phillips Petroleum Company, a corporation of Delaware
Application January 14, 1946, Serial No. 125,547
Term of patent 14 years
(Cl. D52—2)



The ornamental design for a gas regulator, as shown

151,472
DESIGN FOR A JEWELRY COMPONENT
Louis Schorr, Brooklyn, N. Y.
Application October 17, 1947, Serial No. 141,976
Term of patent 7 years
(Cl. D45—1)



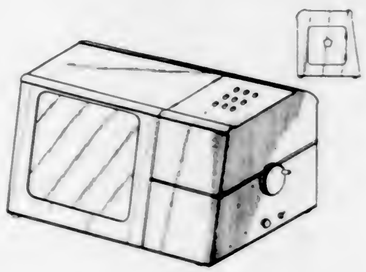
The ornamental design for a jewelry component, substantially as shown.

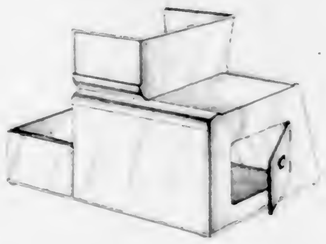
151,473
DESIGN FOR AN ANIMAL FEEDER
Robert C. Stahler, Portsmouth, Ohio
Application November 17, 1947, Serial No. 142,591
Term of patent 14 years
(Cl. D12—2)



The ornamental design for an animal feeder, as shown.

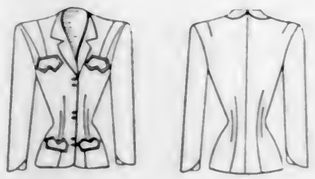
151,474
DESIGN FOR A MICROFILM-READER CASING
Nathan Sally Stern, New York, N. Y., assignor to American Measuring Instruments Corporation, New York, N. Y.
Application May 4, 1946, Serial No. 129,342
Term of patent 3½ years
(Cl. D61—1)





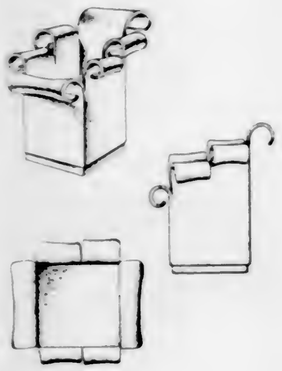
The ornamental design for a microfilm-reader casing, as shown.

151,475
DESIGN FOR A JACKET
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,357
Term of patent 3½ years
(Cl. D3—4)



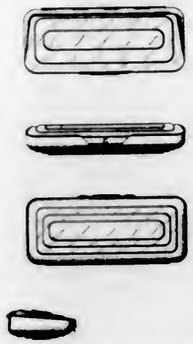
The ornamental design for a jacket, substantially as shown.

151,476
DESIGN FOR A CERAMIC VASE OR SIMILAR ARTICLE
Alwin L. Suman, Sierra Madre, Calif.
Application August 17, 1946, Serial No. 132,613
Term of patent 3½ years
(Cl. D29—28)



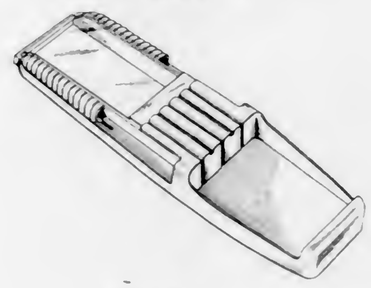
The ornamental design for a ceramic vase or similar article, substantially as shown.

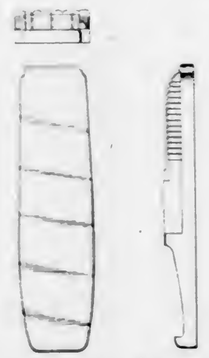
151,477
DESIGN FOR A SPECTACLE CASE
George Swikart, Yonkers, N. Y., assignor to Plastal Corporation, New York, N. Y., a corporation of New York
Application May 8, 1947, Serial No. 138,908
Term of patent 7 years
(Cl. D57—1)



The ornamental design for a spectacle case, as shown.

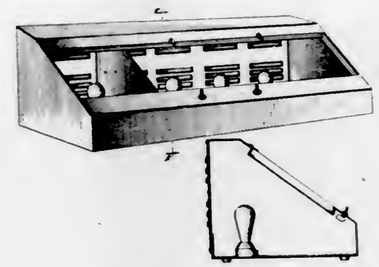
151,478
DESIGN FOR A KNIFE HOLDER
James V. Vevirit, Kenmore, N. Y., assignor to Union Cutlery Company, Inc., Olean, N. Y., a corporation of New York
Application September 25, 1946, Serial No. 133,556
Term of patent 14 years
(Cl. D44—29)





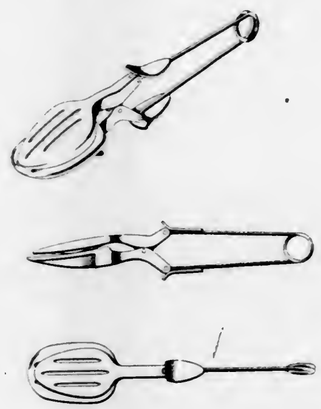
The ornamental design for a knife holder, as shown.

151,479
DESIGN FOR A LIGHT BOX FOR VIEWING COLOR TRANSPARENCIES
William P. Way, Floral Park, N. Y.
Application March 23, 1946, Serial No. 127,853
Term of patent 14 years
(Cl. D61—1)



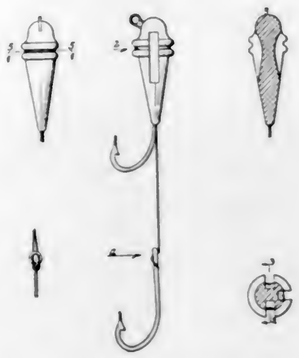
The ornamental design for a light box for viewing color transparencies, substantially as shown and described.

151,480
DESIGN FOR A SALAD SERVER
Alexander C. Weiss, Chicago, Ill.
Application November 27, 1946, Serial No. 135,134
Term of patent 7 years
(Cl. D44—4)



The ornamental design for a salad server, as shown.

151,481
DESIGN FOR AN EELSKIN RIG FOR BASS
John Williamowicz, Worcester, Mass.
Application January 2, 1947, Serial No. 135,891
Term of patent 7 years
(Cl. D31—4)



The ornamental design for an eelskin rig for bass, as shown

151,482
DESIGN FOR A WALLPAPER
Binnie B. Wilson, Chagrin Falls, Ohio
Application June 21, 1947, Serial No. 139,864
Term of patent 3½ years
(Cl. D59—10)



The ornamental design for a wallpaper, as shown and described.

October 26, 1948 Volume 615 Number 4

Official Gazette

UNITED STATES PATENT OFFICE

Department of Commerce
CHARLES SAWYER, *Secretary*

U. S. Patent Office
LAWRENCE C. KINGSLAND, *Commissioner*

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October 26, 1948

Trade-Marks	55—No.	441,137	to No.	441,191, inclusive
T. M. (Act of 1946)	239—No.	503,334	to No.	503,572, inclusive
T. M. Renewals	94			
Reissues	2—No.	23,046	to No.	23,047, inclusive
Plant Patents	1—No.	809		
Patents	505—No.	2,452,029	to No.	2,452,533, inclusive
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Total	991			

Patents expiring: Patent Numbers 1,828,727 to 1,829,723, inclusive, issued October 27, 1931, expire October 27, 1948

Condition of Applications Under Examination at Close of Business Oct. 8, 1948

Total number of patent applications awaiting action, 154,673. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewage.	5- 5-47	3- 7-47	2811
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Presses; Tobacco; Textile Wringers	1-24-47	9-10-46	3002
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	1- 8-48	12-10-47	1381
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Disptach; Store Service; Mining, Quarrying, and Ice Harvesting.	3- 4-47	2- 8-47	4088
5. ROBINSON, C. W., Harvesters; Bee Culture; Dairy; Knotters; Animal Husbandry; Butchering	4- 3-47	9-20-46	1782
6. SURLE, H., Carbon Chemistry (part)	10-24-47	9- 9-47	1785
7. HANLIN, GEORGE, Optics; Photographic Apparatus	1- 8-48	9-26-47	1645
8. LEWIS, R. O., (Acting), Furniture; Racks and Cabinets	1-10-47	10- 2-46	4415
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	6-30-47	2- 5-47	2269
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	1-30-48	11-24-47	1635
11. BENHAM, E. V., Boots, Shoes, and Leggings, Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	3-27-47	11-10-47	796
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	10-22-47	9-12-46	2228
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	9-20-46	10- 9-46	2410
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	1- 2-48	10- 9-47	1361
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	7- 5-47	5-21-47	2124
16. LOVEWELL, N. N., Television; Telephony	1- 7-48	7-29-47	1489
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	3-18-47	10-16-46	2059
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	7-15-47	8- 2-46	2006
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	8- 4-47	2- 1-47	1875
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	4- 7-47	1- 8-47	2041
21. MADER, R. C., Textiles	11-10-47	8- 7-47	1248
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	3-14-47	1- 3-47	1714
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	10- 2-47	9-25-46	1197
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	9-25-47	9- 8-47	2772
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	11-25-47	2- 6-47	1751
26. YOUNG, R. R., Electricity—Generation and Motive Power	1-21-48	1-13-47	1239
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	7-11-47	12-28-46	3547
28. SOLYOM, H. L., Internal Combustion Engines (part); Cylinders; Pistons; Spring, Weight and Horsepower Motors; Land Vehicles, Dumping, Wheel Substitutes; Railway Wheels and Axles.	10- 2-47	8- 7-47	984
29. SKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	3-27-47	2-26-47	3182
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Thermostats and Humidostats; Heating and Heating Systems; Illuminating Burners; Ammunition and Explosive Devices.	12- 6-47	9-30-47	1575
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	1-19-48	1-19-48	2176
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	3-31-47	11- 5-46	3226
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	1-23-47	10- 4-46	3558
34. SAPERSTEIN, S., Electricity—Transmission of Vehicles; Railways; Track Sanders; Signals and Indicators	3-12-47	10- 1-46	1496
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	6- 2-47	11-15-46	3339
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	11- 4-46	10- 3-46	1992
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	1-14-48	3- 4-47	1375
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	8- 7-47	5-31-47	1778
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	3-26-47	8-20-46	3025
40. DRUMMOND, E. J., Receptacles (part); Packages	11-24-47	11-21-46	3280
41. HERTZ, M., Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	1- 8-48	10-11-46	2347
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	1- 5-48	1- 9-48	1211
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	12-19-47	11-29-47	1291
44. HARVEY, L. P., Refrigeration; Preserving	10- 5-46	9-27-46	1105
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires and Axles; Lubrication; Bearings and Guides; Belt and Sprocket Gearing: Spring Devices; Animal Draft Appliances; Vehicle Fenders	3-16-47	10-11-46	2595
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	6-11-47	9-24-46	1844

Condition of Applications Under Examination—Continued

Total number of patent applications awaiting action, 154,673. Date of oldest new application, September 20, 1946; date of oldest amended application, April 16, 1946.

PATENT EXAMINING DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	12- 6-47	6-14-47	2207
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	1- 3-48	3-21-47	1528
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	10-17-47	8-18-47	1558
50. LEVIN, SAMUEL, Synthetic Resins	12-31-47	9-19-47	2259
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	1-16-48	7-16-47	1794
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	10-13-47	1- 6-47	3864
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	5- 1-47	9- 4-46	3607
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	1-15-48	7-18-47	1715
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	10- 9-47	10- 8-47	1936
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Heating and Illuminating Gas	12-16-47	10-31-47	1064
57. MILLER, A. B., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Nut and Bolt Locks; Jewelry; Toys	4- 8-47	1- 4-47	3569
58. DOWELL, E. F., Abrading; Food Apparatus; Bottles and Jars; Stone Working; Making Metal Tools and Implements.	12-31-46	1-20-47	2146
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	8-25-47	4- 8-47	2024
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	1-31-48	7- 9-47	1410
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	11-29-46	6-17-46	3752
62. PUGH, E. C., Games; Tables; Amusement and Exercising Devices; Mechanical Guns and Projectors	5-12-47	9-17-46	1900
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	9-30-47	8-30-47	1412
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	3-12-48	3-11-48	1564
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors; Illumination	1- 3-48	6-21-47	2146
66. LISANN, I., Geometrical Instruments	6- 5-47	4-16-46	2090
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	8- 1-47	4-30-47	1997
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	2-13-48	8- 1-47	1480
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters; Acoustics, Sound Recording; Recorders.	7- 1-47	10-18-47	1901
DESIGNS: BREHM, G. L	2-24-47	2-11-48	7706

Total number of trade-mark applications awaiting action (including renewals and republications), 39,845. Date of oldest new application, Sept. 19, 1947; date of oldest amended application, March 11, 1948.

TRADE-MARK EXAMINING DIVISIONS, EXAMINERS AND TRADE-MARK CLASSES UNDER EXAMINATION	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
1. BARBOUR, H. E., Classes 1, 4, 5, 6 (part), 12, 31, 44	1- 9-48	6- 2-48	3020
2. KASCHUB, H. E., Classes 2, 15, 30, 33, 36, 46, 50	9-29-47	3-20-48	5639
3. SUMMERS, G. S., Classes 13, 21, 23, 26	9-19-47	4-14-48	4903
4. BARR, E., Classes 3, 7, 39, 40, 41, 42, 43	10- 8-47	5- 1-48	4474
5. RACKNOR, M., Classes 8, 17, 20, 24, 25, 32, 37, 38, 45, 47, 48, 49	10-10-47	3-11-48	3461
6. STERBA, J. R., Classes 6 (part), 9, 10, 11, 14, 22, 27, 28, 29, 34, 35	11-28-47	8- 2-48	3302
7. KEYS, O. M., Classes 16, 19, 55	10- 2-47	3-20-48	2218
8. GEDIMAN, H. W. {Renewals / Republications} All Classes	10-28-47	9-18-48	12768
		9- 8-48	60

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Adco, Inc., Sedalia, Mo. Product for deodorizing and perfuming interior spaces. Serial No. 510,635, Oct. 26. Class 6.

Alexander Manufacturing Company, Forest City, N. C. Bed sheets, sheetings and pillow cases. Serial No. 554,642, Oct. 26. Class 42.

Altmann, Bernhard, New York, N. Y. Yarns. Serial No. 550,886, Oct. 26. Class 43.

Aluminum Goods Mfg. Co., Manitowoc, Wis. Toy tea and cooking sets. Serial No. 540,239, Oct. 26. Class 22.

Amb-A-Tip Cigar Company, Baltimore, Md. Cigars. Serial No. 511,438, Oct. 26. Class 17.

American Distilling & Manufacturing Co.: *See*—
Blankenbiller, Harold C.

American Electrical Corporation of Massachusetts, Boston, Mass. Electric alarm bell and control instruments and parts thereof. Serial No. 540,017, Oct. 26. Class 21.

American Map Company, Inc., New York, N. Y. Maps and atlases. Serial No. 536,982, Oct. 26. Class 38.

American Metalcraft Corporation, Detroit, Mich. Wheeled toy vehicles. Serial No. 508,404, Oct. 26. Class 22.

Armour and Company, Chicago, Ill. Fertilizer. Serial No. 528,414, Oct. 26. Class 10.

Arnold, S. M., Inc., St. Louis, Mo. Sponges. Serial No. 543,406, Oct. 26. Class 1.

Associated Merchandising Corporation, New York, N. Y. Sun lamps. Serial No. 541,492, Oct. 26. Class 21.

Atlantic Varnish and Paint Company, Incorporated, Richmond, Va. Ready mixed paints, paste paints, paint enamels, etc. Serial No. 526,733, Oct. 26. Class 16.

Averill, Floyd N., Jr., doing business as Santiseptic Company, Portland, Oreg. Mouth wash, and a lotion for the skin. Serial No. 548,561, Oct. 26. Class 6.

Avon Curtain Corporation, The, Fall River, Mass. Window curtains. Serial No. 516,465, Oct. 26. Class 42.

Ayer, Harriet Hubbard Inc., New York, N. Y. Face cream, face lotion, face powder, etc. Serial No. 542,268, Oct. 26. Class 6.

Ayling & Reichert Co., The, Toledo, Ohio. Chambered floats. Serial No. 564,497, Oct. 26. Class 13.

Balfour, Guthrie & Co., Limited, San Francisco, Calif. Firecrackers. Serial No. 547,307, Oct. 26. Class 9.

Ballinger, W. A., & Co., San Francisco, Calif. Cotton piece goods, sheets, pillow cases, etc. Serial No. 541,800, Oct. 26. Class 42.

Barbizon Corporation, New York, N. Y. Undergarments. Serial No. 537,280, Oct. 26. Class 39.

Bates & Co. (Huddersfield), Limited, Huddersfield, England. Yarns wholly or mainly of wool or worsted. Serial No. 552,530, Oct. 26. Class 43.

Bausch & Lomb Optical Company, Rochester, N. Y. Objective lenses. Serial No. 544,531, Oct. 26. Class 26.

Beeflet Sandwich Shop: *See*—
Spranzo, Richard.

Bennart Brush Corporation, Chicago, Ill. Hair brushes and tooth brushes. Serial No. 528,687, Oct. 26. Class 29.

Better Buy Wholesale Grocers, Fresno, Calif. Matches. Serial No. 522,186, Oct. 26. Class 9.

Blankenbiller, Harold C., doing business as American Distilling & Manufacturing Co., East Hampton, Conn. Witch hazel N. F. Serial No. 524,944, Oct. 26. Class 6.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Chewing and smoking tobacco. Serial Nos. 539,632–3, Oct. 26. Class 17.

Bloch Brothers Tobacco Co., The, Wheeling, W. Va. Chewing and smoking tobacco. Serial No. 539,635, Oct. 26. Class 17.

Bostwick Laboratories, Inc., Bridgeport, Conn. Insecticides. Serial No. 548,786, Oct. 26. Class 6.

Bradford, James H. H., doing business as The Howe Company, Branford, Conn. Liquid cleaner for paint brushes. Serial No. 516,393, Oct. 26. Class 16.

Breslauer, A., Export Corp., New York, N. Y. Skin cream, hand cream, cleansing cream, etc. Serial No. 546,351, Oct. 26. Class 6.

Bubbles, Inc., assignor to Topps Chewing Gum, Incorporated, Brooklyn, N. Y. Bubble gum. Serial No. 531,091, Oct. 26. Class 46.

Bugge, Erling P., doing business as Machine-Research, Santa Monica, Calif. Protractors. Serial No. 544,321, Oct. 26. Class 26.

Bullet Recording & Transcription Co. Inc., Nashville, Tenn. Grooved phonograph records. Serial No. 512,235, Oct. 26. Class 36.

Burlington Mills Corporation, Greensboro, N. C. Twill trouser fabric of rayon and cotton. Serial No. 546,364, Oct. 26. Class 42.

Burlington Mills Corporation, Greensboro, N. C. Cotton gingham. Serial No. 546,366, Oct. 26. Class 42.

Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. Serial No. 527,469, Oct. 26. Class 11.

Butler, Edgar M., doing business as Butler Engineering Co., New Orleans, La. Self-energizing and/or power induced energizing electrolytic water correction devices. Serial No. 514,518, Oct. 26. Class 21.

Butler Engineering Co.: *See*—
Butler, Edgar M.

Calresin Corporation, Culver City, Calif. Transparent, air drying, impregnating plastic coating composition. Serial No. 517,958, Oct. 26. Class 16.

Canadian Radium & Uranium Corporation, New York, N. Y. Fertilizers. Serial No. 545,232, Oct. 26. Class 10.

Canton Stamping and Enameling Company, The, Canton, Ohio. Porcelain enamel coated base metal cooking, kitchen and household ware. Serial Nos. 533,532–3, Oct. 26. Class 13.

Cedar Hill Formulae Co., The, New Britain, Conn. Liquid composition for treating seed corn, beans, peas, etc. Serial No. 541,259, Oct. 26. Class 6.

Century Burial Vault Co., San Francisco, Calif. Burial vaults. Serial No. 514,250, Oct. 26. Class 2.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Envelope paper. Serial No. 527,299, Oct. 26. Class 37.

Clifford-Jacobs Forging Company, Champaign, Ill. Ferrous metal castings and forgings. Serial No. 535,132, Oct. 26. Class 14.

Clover Farm Stores Corporation, Cleveland, Ohio. Clothes lines. Serial No. 552,945, Oct. 26. Class 7.

Colostom-Ease, Inc., Pittsburgh, Pa. Colostomy irrigators and colostomy protectors. Serial No. 540,388, Oct. 26. Class 44.

Columbia Products Corporation, Brooklyn, N. Y. Powder puffs. Serial No. 487,244, Oct. 26. Class 29.

Columbia Restaurant, The, Tampa, Fla. Steak capuchina or cooked beefsteak, cocoanut ice cream. Serial No. 469,034, Oct. 26. Class 46.

Conti Products Corporation, Brooklyn, N. Y. Soap. Serial No. 547,405, Oct. 26. Class 4.

Cook Specialty Company, Green Lane, Pa. Adjustable curved ruler. Serial No. 543,098, Oct. 26. Class 26.

Coro, Inc., New York, N. Y. Ornamental pins, jewelry clips, hair ornaments, etc. Serial No. 538,726, Oct. 26. Class 28.

Craftest Foods, Inc., Sand Springs, Okla. Peanut butter, fruit jellies, and fruit preserves. Serial No. 536,239, Oct. 26. Class 46.

Creamette Company, The, Minneapolis, Minn. Cigarettes. Serial No. 543,897, Oct. 26. Class 17.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,132, Oct. 26. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,137, Oct. 26. Class 42.

Crompton Company, Crompton, R. I. Fabrics in the piece. Serial No. 543,139, Oct. 26. Class 42.

Crown Cork & Seal Company, Inc., Baltimore, Md. Artificial cork disks and bottle-closures. Serial No. 542,259, Oct. 26. Class 50.

Crown Cork & Seal Company, Inc., Baltimore, Md. Metallic cork-lined bottle stoppers. Serial No. 546,156, Oct. 26. Class 50.

Crownover, John M., Tulsa, Okla. Clasps or pins of precious metal. Serial No. 516,538, Oct. 26. Class 28.

Curley Company, Incorporated, Philadelphia, Pa. Toilet preparations. Serial No. 549,131, Oct. 26. Class 6.

Daggett & Ramsdell, assignor to Daggett & Ramsdell, Inc., New York, N. Y. Face powder; preparations for treating the skin; toilet, cleansing, vanishing, and cold cream, etc. Serial No. 548,719, Oct. 26. Class 6.

Daggett & Ramsdell, Inc., assignee: *See*—
Daggett & Ramsdell.

Daumit, Kay, Inc., assignor to Kathryn, Inc., Chicago, Ill. Cologne. Serial No. 506,739, Oct. 26. Class 6.

Dayton Company, The, Minneapolis, Minn. Table cloths, napkins, sheets, etc. Serial No. 542,100, Oct. 26. Class 42.

Doloney & Company, Inc., Chicago, Ill. Tonic for hair and scalp. Serial No. 513,300, Oct. 26. Class 6.

DeLong & Prevost; Inc., Worcester, Mass. Dental specialties. Serial No. 542,245, Oct. 26. Class 44.

Dif Corporation, Garwood, N. J. Hand cleaner, chemical abrasive compound, and liquid polish. Serial No. 529,370, Oct. 26. Class 4.

Diversey Corporation, The, Chicago, Ill. Disinfectant, bactericide and deodorizer in solid form. Serial No. 522,739, Oct. 26. Class 6.

Diversey Corporation, The, Chicago, Ill. Chemical preparation. Serial No. 542,014, Oct. 26. Class 4.

Dolan & Bullock Co., Providence, R. I. Jewelry, not including watches. Serial Nos. 528,703–4, Oct. 26. Class 28.

Dolan & Bullock Co., Providence, R. I. Jewelry, not including watches. Serial No. 528,707–8, Oct. 26. Class 28.

Dow Chemical Company, The, Midland, Mich. Package containing a galvanically active metal anode encased in an electrolytically conductive backfill composition. Serial No. 540,055, Oct. 26. Class 21.
Dox, Inc., New York, N. Y. Liniment. Serial No. 533,495, Oct. 26. Class 6.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Polymerized vinyl ester or esters. Serial No. 543,575, Oct. 26. Class 1.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Vinyl polymer. Serial No. 543,576, Oct. 26. Class 1.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Dyes. Serial No. 553,578, Oct. 26. Class 6.
Dusharme Products, Inc., Minneapolis, Minn. Hair dressings. Serial No. 550,130, Oct. 26. Class 6.
Eagle Roller Mill Co., doing business as New Ulm Roller Mill Co., New Ulm, Minn. Wheat flour, rye flour, and corn meal. Serial No. 539,592, Oct. 26. Class 46.
Edroy Products Company: *See*—
Herbert, Edward J.
Elgin American Division of Illinois Watch Case Co.: *See*—
Illinois Watch Case Co.
Elinor Lingerie, Inc., New York, N. Y. Ladies' and children's woven and knitted underwear, including nightgowns and bed jackets. Serial No. 531,199, Oct. 26. Class 39.
Escalante, Jose, & Co., Chicago, Ill. Cigars. Serial No. 533,242, Oct. 26. Class 17.
Escalante, Jose, & Co., Chicago, Ill. Cigars. Serial No. 533,247, Oct. 26. Class 17.
Eston Chemicals, Inc., Los Angeles, Calif. Fumigating compounds, refrigerants, preserving chemicals, etc. Serial No. 520,499, Oct. 26. Class 6.
F. B. Mfg. Co.: *See*—
Freeman, Charles E.
Fay, Gloria: *See*—
Respondek, John E.
Firestat Automatic Fire Alarm System: *See*—
Townsend, Charles W.
Fisher Silversmiths, Inc., The, Jersey City, N. J., and New York, N. Y. Sterling silver hollow ware and flat ware. Serial No. 534,010, Oct. 26. Class 28.
Freeman, Charles E., doing business as F. B. Mfg. Co., Jacksonville, Fla. Medicinal preparation. Serial No. 510,077, Oct. 26. Class 6.
Fuite, Richard J., San Francisco, Calif. Steel and copper tubing. Serial No. 514,337, Oct. 26. Class 13
Fulford, C. E., Limited, Leeds, England. Laxative medicines. Serial No. 534,103, Oct. 26. Class 6.
Gerold Manufacturing Co.: *See*—
Gerold, Phil.
Gerold, Phil, doing business as Gerold Manufacturing Co., Hawthorne, Calif. Automobile trailers. Serial No. 542,847, Oct. 26. Class 19.
Globe Tool & Engineering Company, The, Dayton, Ohio. Electric motors. Serial No. 530,815, Oct. 26. Class 21.
Gluckin, Wm., & Co., Inc., New York, N. Y. Brassières and girdles. Serial No. 531,109, Oct. 26. Class 39.
Goldsmith, Louis, Inc., Philadelphia, Pa. Men's coats and trousers. Serial No. 533,491, Oct. 26. Class 39.
Good Housekeeper Appliances Inc., assignee of United Vacuum Cleaner Stores, Inc., Cleveland, Ohio. Rug and carpet cleaning compounds. Serial No. 499,972, Oct. 26. Class 4.
Gorham Manufacturing Company, Providence, R. I. Sterling silver flatware, hollow ware, and table cutlery. Serial No. 503,081, Oct. 26. Class 28.
Gorham Manufacturing Company, Providence, R. I. Sterling silver flatware, hollow ware, and table cutlery. Serial No. 503,083, Oct. 26. Class 28.
Gorham Manufacturing Company, Providence, R. I. Sterling silver flatware, hollow ware, and table cutlery. Serial No. 503,091, Oct. 26. Class 28.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Salad dressing. Serial No. 527,384, Oct. 26. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Dairy feed. Serial No. 539,316, Oct. 26. Class 46.
Gustin Guild-Rest, Inc., New York, N. Y. Footwear. Serial No. 536,519, Oct. 26. Class 39.
Harrison-Simpson Co. Inc., Boston, Mass. Greeting cards. Serial No. 544,166, Oct. 26. Class 38.
Hearst Corporation, The, New York, N. Y. Newspaper feature. Serial No. 547,905, Oct. 26. Class 38.
Hearst Corporation, The, New York, N. Y. Newspaper section, feature or department. Serial No. 553,367, Oct. 26. Class 38.
Hennafoam Co., The, New York, N. Y. Shampoo in cream form. Serial No. 535,959, Oct. 26. Class 6.
Herbert, Edward J., doing business as Edroy Products Company, New York, N. Y. Camera attachments. Serial No. 507,314, Oct. 26. Class 26.
Hertzberg, H., & Son, Inc., New York, N. Y. Brooms, mops, household brushes, etc. Serial No. 535,151, Oct. 26. Class 29.
Hewitt Soap Company, Inc, The, Dayton, Ohio. Sudsing cleaner, cleanser and detergent. Serial No. 545,741, Oct. 26. Class 4.
Hickey-Freeman Company, Rochester, N. Y. Men's suits and topcoats. Serial No. 538,913, Oct. 26. Class 39.
Hickey-Freeman Company, Rochester, N. Y. Men's overcoats, topcoats, and suits. Serial No. 538,915, Oct. 26. Class 39.
Hickey-Freeman Company, Rochester, N. Y. Men's suits, knickers, and men's topcoats and overcoats. Serial No. 538,928, Oct. 26. Class 39.
Highland Mutual Groves, Inc., Highland, Calif. Fresh oranges. Serial No. 509,844, Oct. 26. Class 46.
Hijos de N. Lopez Caro, Barcelona, Spain. Perfumes and hair dye. Serial No. 517,351, Oct. 26. Class 6.
Hill, Alfred C., doing business as Hill's Cafe, Vernon, Tex. Sandwiches. Serial No. 532,452, Oct. 26. Class 46.
Hill's Cafe: *See*—
Hill, Alfred C.
Hobbs Battery Company, San Francisco, Calif. Storage batteries. Serial No. 541,678, Oct. 26. Class 21.
Howe Company, The: *See*—
Bradford, James H. II.
Illinois Condenser Co., Chicago, Ill. Electrical condensers. Serial No. 525,850, Oct. 26. Class 21.
Illinois Watch Case Co., doing business as Elgin American Division of Illinois Watch Case Co., Elgin, Ill. Cigarette cases. Serial No. 542,765, Oct. 26. Class 8.
Inland Rubber Corporation, Chicago, Ill. Tire and tube repair kits. Serial No. 531,602, Oct. 26. Class 35.
Irwin, Neisler & Company, Decatur, Ill. Tablet used in the treatment of peptic ulcers and other disorders of the gastro-intestinal tract. Serial No. 544,088, Oct. 26. Class 6.
Isle, W. E., Company, doing business under the name and style of The Knit-Rite Company, Kansas City, Mo. Artificial limb parts. Serial No. 537,379, Oct. 26. Class 44.
Jaeger Watch Company, Inc., New York, N. Y. Watches and clocks. Serial Nos. 541,301–2, Oct. 26. Class 27.
Jaques Manufacturing Company, Chicago, Ill. Metal caps and metal lids for glass jars. Serial Nos. 523,675–6, Oct. 26. Class 50.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Cologne. Serial No. 534,535, Oct. 26. Class 6.
Jerguson Gage & Valve Company, Somerville, Mass. Liquid level gages and accessories thereof. Serial No. 548,375, Oct. 26. Class 26.
Joseff-Hollywood, Burbank and Beverley Hills, Calif. Jewelry. Serial No. 532,830, Oct. 26. Class 28.
Joseph & Feiss Company, The, Cleveland, Ohio. Men's and boys' suits, coats, and trousers. Serial No. 535,851, Oct. 26. Class 39.
Judd, H. L., Company, Wallingford, Conn. Hardware. Serial No. 513,825, Oct. 26. Class 13.
Kathryn, Inc.: *See*—
Daumit, Kay, Inc.
Knit-Rite Company, The: *See*—
Isle, W. E., Company.
Kono Manufacturing Co., The, Woodside, N. Y. Eyeglass and spectacle frames. Serial No. 544,169, Oct. 26. Class 26.
Kreisler, Jacques, Manufacturing Corporation, North Bergen, N. J. Key chains. Serial No. 514,202, Oct. 26. Class 28.
Kren, Joseph G., Syracuse, N. Y. Baseball bats. Serial No. 538,933, Oct. 26. Class 22.
Kresge, S. S., Company, Detroit, Mich. Woolen yarns, and knitting worsted. Serial No. 551,112, Oct. 26. Class 43.
Lakeside Laboratories, Inc., Milwaukee, Wis. Mercurial diuretic. Serial No. 544,742, Oct. 26. Class 6.
Laymon, Herman B., doing business as World's Products Company, Spencer, Inc. Aspirin tablets, chocolate coated laxative tablets, head ache tablets, etc. Serial No. 532,304, Oct. 26. Class 6.
Leatherkraft, Inc., Minneapolis, Minn. Men's and children's leather jackets of pony skin. Serial No. 530,408, Oct. 26. Class 39.
Lelong, Lucien, Inc., Chicago, Ill. Perfumes, colognes, toilet waters, etc. Serial No. 530,209, Oct. 26. Class 6.
Lentini, Joseph, doing business as Lentini Packing Co., Brooklyn, N. Y. Edible oils. Serial No. 538,646, Oct. 26. Class 46.
Lentini Packing Co.: *See*—
Lentini, Joseph.
Les Parfums de Dana, Inc., New York, N. Y. Toilet soaps. Serial No. 560,906, Oct. 26. Class 4.
Lightolier, Incorporated, New York, N. Y. Electric lamps. Serial No. 532,942, Oct. 26. Class 21.
Lincoln Laboratories, Incorporated, Decatur, Ill. Preparation sold only on a physician's prescription and administered by intra-muscular injection. Serial No. 511,337, Oct. 26. Class 6.
Lincoln Laboratories, Incorporated, Decatur, Ill. Medicinal preparation sold only on a physician's prescription and administered by intra-muscular injection. Serial No. 511,339, Oct. 26. Class 6.
Lone Ranger, Inc., The, Detroit, Mich. Series of cartoons and comic strips. Serial No. 545,864, Oct. 26. Class 38.
Lorillard, P., Company, New York, N. Y. Cigars. Serial No. 525,624, Oct. 26. Class 17.
Luescot Beauty Products: *See*—
Scott, Louise.
Machine-Research: *See*—
Bugge, Erling P.
Major Distributing Company, Salinas, Calif. Fresh vegetables. Serial No. 532,312, Oct. 26. Class 46.

Marcalus Manufacturing Co. Inc., East Paterson, N. J. Drinking straws. Serial No. 508,851, Oct. 26. Class 50.
Markel Electric Products, Inc., Buffalo, N. Y. Electric air heaters. Serial No. 530,089, Oct. 26. Class 21.
Martin Cantine Company, The, Saugerties, N. Y. Enameled book paper. Serial No. 541,556, Oct. 26. Class 37.
Master Rule Manufacturing Co., Inc., White Plains, N. Y., and elsewhere in the United States. Graduated steel tapes for measuring purposes. Serial No. 533,761, Oct. 26. Class 26.
Master Rule Manufacturing Co., Inc., White Plains, N. Y., and elsewhere in the United States. Graduated steel tapes for measuring purposes. Serial No. 533,763–4, Oct. 26. Class 26.
Mayfair Industries, Inc., Chicago, Ill. Insecticide. Serial No. 547,861, Oct. 26. Class 6.
McBrady, J. E., & Co., Chicago, Ill. Body deodorant, body dusting powder, talcum powder, etc. Serial No. 551,124, Oct. 26. Class 6.
McKinley Litho Supply Company, Inc., Cincinnati, Ohio. Lithographic supply products. Serial No. 512,011, Oct. 26. Class 6.
McQuay-Norris Manufacturing Co., St. Louis, Mo. Piston rings, piston ring expanders and bearing shims. Serial No. 534,169, Oct. 26. Class 35.
Merritt-Taylor Inc., New York, N. Y. Ladies' coats and suits. Serial No. 548,664, Oct. 26. Class 39.
Metallizing Engineering Co. Inc., Long Island City, N. Y. Rods and wire consisting of or containing ferrous or non-ferrous metals. Serial No. 542,613, Oct. 26. Class 14.
Metallizing Engineering Co. Inc., Long Island City, N. Y. Rods and wire consisting of or containing ferrous or nonferrous metals. Serial No. 542,616, Oct. 26. Class 14.
Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Alpha tocopherol acetate, aminophylline anterior pituitary. Serial No. 527,627, Oct. 26. Class 6.
Mitchell, P. R., Co., The, Cincinnati, Ohio. Ticking and piece goods of cotton and synthetic fibers. Serial No. 538,800, Oct. 26. Class 42.
Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. Serial No. 529,799, Oct. 26. Class 1.
Moorman Manufacturing Company, Quincy, Ill. Minerals for cattle, sheep, horses, etc. Serial No. 508,542, Oct. 26. Class 6.
Moran, R. J., Co., Boston, Mass. Cod liver oil ointment with medicinal gentian. Serial No. 547,648, published Oct. 26. Class 6.
Morton Manufacturing Corp., doing busines as Snow White Products Co., Lynchburg, Va. Perfume. Serial No. 546,311, published Oct. 26. Class 6.
Movado Watch Agency, Inc., New York, N. Y. Watches. Serial No. 520,518, published Oct. 26. Class 27.
Movado Watch Agency, Inc., New York, N. Y. Watches. Serial No. 520,564, published Oct. 26. Class 27.
Mundet Cork Corporation, Brooklyn, N. Y. Container crown closures. Serial No. 521,596, published Oct. 26. Class 50.
Murphy Laboratories, Inc., Clifton Heights, Pa. Soap. Serial No. 549,827, published Oct. 26. Class 4.
N. & W. Overall Co., Inc., Lynchburg, Va. Overalls, coveralls, overall coats, etc. Serial No. 534,658, published Oct. 26. Class 39.
Napier Company, The, Meriden, Conn. Toilet powder cakes, rouge, lipsticks, etc. Serial No. 540,852, published Oct. 26. Class 6.
Napier Company, The, Meriden, Coun. Bowls, dishes, flower holders, etc. Serial No. 540,854, published Oct. 26. Class 28.
Napier Company, The, Meriden, Conn. Necklaces, bracelets, brooches, etc. Serial No. 541,166, published Oct. 26. Class 28.
National Association of Hosiery Manufacturers, Inc., New York, N. Y. News letters and sheets and weekly trade publications. Serial No. 529,396, published Oct. 26. Class 38.
National Cast Products Company, assignor to National Cast Products Company, Inc., Providence, R. I. Unfinished or partly finished precision castings. Serial No. 500,484, published Oct. 26. Class 14.
National Cast Products Company, assignor to National Cast Products Company, Inc., Providence, R. I. Unfinished castings of precious and nonprecious metals. Serial No. 500,555, published Oct. 26. Class 14.
National Cast Products Company, Inc., assignee: *See*—
National Cast Products Company.
National Live Stock Publishing Association, Chicago, Ill. Periodical publication. Serial No. 533,191, published Oct. 26. Class 38.
National Mallinson Fabrics Corporation, New York, N. Y. Fabrics in the piece. Serial No. 543,966, published Oct. 26. Class 42.
Nekoosa-Edwards Paper Company, Port Edwards, Wis. Duplicating paper. Serial No. 533,597, published Oct. 26. Class 37.
New Haven Clock and Watch Company, The, New Haven, Conn. Clocks, watches, and parts thereof. Serial No. 523,474, published Oct. 26. Class 27.
Newport Industries, Inc., Pensacola, Fla. Rosin. Serial No. 543,977, published Oct. 26. Class 1.
New Process Company, Warren, Pa. Textile bed blankets. Serial No. 540,090, published Oct. 26. Class 42.
New Ulm Roller Mill Co.: *See*—
Eagle Roller Mill Co.
Noble, F. H., & Co., Chicago, Ill. Jewelry, not including watches. Serial No. 530,553, published Oct. 26. Class 28.
Northeastern Plastics, Inc., Boston, Mass. Pen holders and letter openers. Serial No. 540,556, published Oct. 26. Class 37.
Northern Signal Company, Inc., Milwaukee, Wis. Electric fence chargers, electric fence insulators, electric fence fasteners, etc. Serial No. 503,460, published Oct. 26. Class 21.
Northrup, King & Co., Minneapolis, Minn., and Berkeley, Calif. Grass seeds. Serial No. 522,499, published Oct. 26. Class 1.
Norton Laboratories Inc., Lockport, N. Y. Boxes made of molded plastic materials. Serial No. 524,884, published Oct. 26. Class 2.
Ohio Electric Mfg. Company, The, Cleveland, Ohio. Lifting magnets. Serial No. 541,697, published Oct. 26. Class 21.
Ohio Oil Company, The, Findlay, Ohio. Motor lubricating oils. Serial No. 534,802, published Oct. 26. Class 15.
Old Poindexter Distillery, Incorporated, Exron, Ky. Bourbon whiskey. Serial No. 532,482, published Oct. 26. Class 49.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. Serial No. 530,839, published Oct. 26. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Sterling silver flat tableware. Serial No. 545,387, published Oct. 26. Class 28.
Operadio Manufacturing Co., St. Charles, Ill. Picture projectors and combined phonographs and projectors. Serial No. 543,212, published Oct. 26. Class 26.
Oshkosh Trunk and Luggage, Oshkosh, Wis. Men's hand luggage. Serial No. 549,956, published Oct. 26. Class 3.
Oshkosh Trunk and Luggage, Oshkosh, Wis. Trunks; hand luggage. Serial No. 549,957, published Oct. 26. Class 3.
Pacific Guano Company, Berkeley, Calif. Insecticides. Serial No. 541,957, published Oct. 26. Class 6.
Pakula and Company, Chicago, Ill. Jewelry. Serial No. 513,190, published Oct. 26. Class 28.
Parker Manufacturing Company, Warren, Ohio. Mops. Serial No. 528,225, published Oct. 26. Class 29.
Patrick-Duluth Co., Duluth, Minn. Woolen fabrics and fabrics made of mixtures of wool, cotton, and rayon. Serial No. 544,379, published Oct. 26. Class 42.
Peck & Peck, New York, N. Y. Wearing apparel for women. Serial No. 548,687, published Oct. 26. Class 39.
Peck & Peck, New York, N. Y. Wearing apparel for women. Serial No. 548,689, published Oct. 26. Class 39.
PerfeKtum Products Co.: *See*—
Popper & Klein Inc.
Peterson, A. E., Mfg. Co., Glendale, Calif. Folding carts for babies. Serial No. 533,612, published Oct. 26. Class 19.
Phenix Pabst-Ett Company, Chicago, Ill. Cheese product. Serial No. 539,080, published Oct. 26. Class 46.
Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. Serial No. 549,319, published Oct. 26. Class 6.
Pick Manufacturing Company, West Bend, Wis. Oil filters. Serial No. 542,647, published Oct. 26. Class 31.
Pioneer Suspender Company, Philadelphia, Pa. Wallets, bill-folds, key containers, etc. Serial No. 518,969, published Oct. 26. Class 3.
Pioneer Suspender Company, Philadelphia, Pa. Cigarette cases of non-precious metal. Serial No. 518,970, published Oct. 26. Class 8.
Pioneer Suspender Company, Philadelphia, Pa. Buckles of non-precious metal. Serial No. 518,971, published Oct. 26. Class 40.
Pioneer Suspender Company, Philadelphia, Pa. Wallets, bill-folds, key containers, etc. Serial No. 518,973, published Oct. 26. Class 3.
Pioneer Suspender Company, Philadelphia, Pa. Buckles of non-precious metal. Serial No. 518,974, published Oct. 26. Class 40.
Pioneer Suspender Company, Philadelphia, Pa. Cigarette cases of non-precious metal. Serial No. 526,546, published Oct. 26. Class 8.
Pioneer Suspender Company, Philadelphia, Pa. Wallets, bill-folds, key containers, etc. Serial No. 526,547, published Oct. 26. Class 3.
Pirrone, F., & Sons, Inc., Garfield, N. J. Wine. Serial No. 537,618, published Oct. 26. Class 47.
Poole, Myron C., Bay City, Mich. Ladies' bracelets. Serial No. 534,555, published Oct. 26. Class 28.
Popper & Klein Inc., also doing business under the name PerfeKtum Products Co., New York, N. Y. Hypodermic syringes, hypodermic needles, hypodermic syringe filters, etc. Serial No. 494,630, published Oct. 26. Class 44.
Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Shampoo. Serial No. 512,287, published Oct. 26. Class 6.
Puritan Company, Incorporated, Rochester, N. Y. Brake fluid for hydraulic brakes and other hydraulic systems. Serial No. 533,613, published Oct. 26. Class 6.
Rador Company, Balboa, Calif. Radio controlled operators. Serial No. 546,325, published Oct. 26. Class 21.

Raybestos-Manhattan, Inc., Passaic, N. J. Abrasive wheels. Serial No. 533,391, published Oct. 26. Class 4.
Raygram Corporation, New York, N. Y. Photographic and dark-room apparatus, accessories, and specialties. Serial Nos. 532,495-6, Oct. 26. Class 26.
Respondek, John E., doing business as Gloria Fay, Detroit, Mich. Hand lotions or creams. Serial No. 535,350, Oct. 26. Class 6.
Rhee Elastic Thread Corporation, Warren, R. I. Rubber threads. Serial No. 551,044, Oct. 26. Class 43.
Rhodes Pharmacal Co., Inc., Cleveland, Ohio. Preparation containing vitamin B_1, tricalcium phosphate, calcium glycerophosphate, etc. Serial No. 500,826, Oct. 26. Class 6.
Ricardo Metal Mfg. Co., Denver, Colo. Belt buckles, necktie pins, necktie clasps, etc. Serial No. 541,182, Oct. 26. Class 28.
Rivers, Theresa V., New York, N. Y. Hair and scalp preparation. Serial No. 545,038, Oct. 26. Class 6.
Robbins, Anatole: *See*—
Robbins, Anatole, Inc.
Robbins, Anatole, Inc., doing business as Anatole Robbins, Los Angeles, Calif. Make-up preparation for the face, perfume, cologne, etc. Serial No. 524,283, Oct. 26. Class 6.
Robeson Process Company, New York, N. Y. Liquid composition of matter employed as a treating and tanning agent. Serial No. 541,462, Oct. 26. Class 6.
Robson Corporation, The, New York, N. Y. Measuring scoops. Serial No. 544,676, Oct. 26. Class 26.
Rogers, Lunt & Bowlen Company, Greenfield, Mass. Knives, forks, spoons, etc. Serial No. 545,769, Oct. 26. Class 28.
Royal Metal Manufacturing Company, Chicago, Ill. Metal furniture. Serial No. 521,029, Oct. 26. Class 32.
Rutherford Food Corporation, Kansas City, Mo. Canned foods. Serial No. 513,902, Oct. 26. Class 46.
S. & G. Gump Company, San Francisco, Calif. Etchings, color prints of pictures, oil paintings, etc. Serial No. 541,287, Oct. 26. Class 38.
Salomon Freres; Societe a Responsabilite Limitee, Pantin, (Seine), France. Soaps. Serial No. 537,684, Oct. 26. Class 4.
Sana-Scent Company, Newburgh, N. Y. Cleanser and detergent. Serial No. 515,517, Oct. 26. Class 4.
Sanborn Hermanos, S. A., Mexico City, Mexico. Theatrical cold cream. Serial No. 551,476, Oct. 26. Class 6.
Santiseptic Company: *See*—
Averill, Floyd N., Jr.
Saunders, Neil F., Detroit, Mich. Electro-therapy apparatus and parts thereof. Serial No. 519,534, Oct. 26. Class 44.
Schenley Laboratories, Inc., New York, N. Y. Penicillin vaginal suppositories. Serial No. 547,663, Oct. 26. Class 6.
Schnefel Bros. Corporation, Newark, N. J. Lipsticks and nail enamels. Serial No. 553,909, Oct. 26. Class 6.
Schwachter, Robert S., doing business as Schwachters, Cleveland, Ohio. Jewelry. Serial No. 534,198, Oct. 26. Class 28.
Schwachters: *See*—
Schwachter, Robert S.
Schwarzenbach-Huber Company, The, New York, N. Y. Fabrics in the piece. Serial No. 553,408, Oct. 26. Class 42.
Scott, Louise, doing business as Luescot Beauty Products, Newark, N. J. Pressing oil. Serial No. 549,973, Oct. 26. Class 6.
Scovill Manufacturing Company, Racine, Wis., and Waterbury, Conn. Therapeutic vibrators. Serial No. 543,364, Oct. 26. Class 44.
Seajoy Company Limited, Putney, London, England. Medicinal preparation for the prevention of sea-sickness. Serial No. 528,517, Oct. 26. Class 6.
Sears, Roebuck and Co., Chicago, Ill. Cough syrup. Serial No. 545,173, Oct. 26. Class 26.
Seva Record Corporation, New York, N. Y. Mechanically grooved phonograph records. Serial No. 521,539, Oct. 26. Class 36.
Sharples Chemicals Inc., Philadelphia, Pa. Synthetic resins. Serial No. 497,572, Oct. 26. Class 1.
Shaw & Halstead (Haircloth) Limited, Radcliffe, England. Interlinings being piece goods of worsted or hair. Serial No. 536,166, Oct. 26. Class 42.
Shawinigan Products Corporation, New York, N. Y. Polyvinyl acetate resins. Serial No. 543,660, Oct. 26. Class 1.
Shotwell Mfg. Co., The, Chicago, Ill. Candy bars. Serial No. 510,117, Oct. 26. Class 46.
Simon, Olga M., Zurich, Switzerland. Hair shampooing boards. Serial No. 516,106, Oct. 26. Class 50.
Smith, Franklin E., South Dartmouth, Mass. Flax fiber. Serial No. 515,200, Oct. 26. Class 1.
Smith, Kenneth, Kansas City, Mo. Golf clubs and parts thereof. Serial No. 540,327, Oct. 26. Class 22.
Smith, Kline & French Laboratories, Philadelphia, Pa. Sulfonamide preparation. Serial No. 550,624, Oct. 26. Class 6.
Smith, Willard H., doing business as Smithstone Kennel Supply Co., Dublin, Pa. Dog and cat food. Serial No. 536,003, Oct. 26. Class 46.
Smithstone Kennel Supply Co.: *See*—
Smith, Willard H.
Sno White Laboratories: *See*—
Tinsley, Alva.
Snow White Products Co.: *See*—
Morton Manufacturing Corp.
Spear Box Company Incorporated, New York, N. Y. Paper boxes; folding boxes of chipboard, cardboard, and corrugated boxes. Serial No. 532,065, Oct. 26. Class 2.
Spool Cotton Company, The, New York, N. Y. Thread and yarn. Serial No. 551,058, Oct. 26. Class 43.
Spranzo, Richard, doing business as Beeflet Sandwich Shop, Chicago, Ill. Meat sandwiches. Serial No. 524,426, Oct. 26. Class 46.
Stahl-Meyer, Inc., New York, N. Y. Smoked and pickled meats. Serial No. 521,368, Oct. 26. Class 46.
Stahl-Urban Company, Terre Haute, Ind., and Brookhaven, Miss. Men's and boys' mackinaws, blouses, jackets, etc. Serial No. 534,932, Oct. 26. Class 39.
Standard Electric Company, Inc., San Antonio, Tex. Storage batteries. Serial No. 534,829, Oct. 26. Class 21.
Standard Transformer Corporation, Chicago, Ill. Fixed and variable transformers, reactors, transmitters, etc. Serial No. 536,458, Oct. 26. Class 21.
Stanford Seed Company, Inc., The, Buffalo, N. Y. Seeds. Serial No. 538,568, Oct. 26. Class 1.
Star Chemical Company, San Antonio, Tex. Window cleaning compounds and toilet bowl cleaning compounds. Serial No. 501,780, Oct. 26. Class 4.
Star Jewelry Co., Inc., New York, N. Y. Costume jewelry. Serial No. 519,232, Oct. 26. Class 28.
Stevens, J. P., & Co., Inc., New York, N. Y. Woolen fabrics. Serial No. 534,385, Oct. 26. Class 42.
Stromeyer, J., Company, Philadelphia, Pa. Molasses. Serial No. 510,125, Oct. 26. Class 46.
Sun Chemical Corporation, New York, N. Y. Printing ink. Serial No. 519,353, Oct. 26. Class 11.
Sun Oil Company, Philadelphia, Pa. Lubricating oil. Serial No. 521,295, Oct. 26. Class 15.
Sweet-Orr & Co., Inc., New York and Wappinger Falls, N. Y. Bib-overalls, waist-overalls, and coveralls. Serial No. 531,053, Oct. 26. Class 39.
Tad Chemical Co., Rochester, N. Y. Chemical preparations. Serial No. 506,703, Oct. 26. Class 6.
Talens & Son, Inc., Newark, N. J. Artists' pastel crayons. Serial No. 534,940, Oct. 26. Class 37.
Terminal Grain Company, Fort Worth, Tex. Seed grains. Serial No. 527,622, Oct. 26. Class 1.
Tinsley, Alva, doing business as Sno White Laboratories, Deemer, Miss. Liquid preparation for treating athlete's foot. Serial No. 530,360, Oct. 26. Class 6.
Topps Chewing Gum, Incorporated: *See*—
Bubbles, Inc.
Townsend, Charles W., doing business as Firestat Automatic Fire Alarm System, Wheaton, Ill. Thermostats. Serial No. 528,534, Oct. 26. Class 26.
Trenerry, R. W., doing business as Trenerry's Bakery, Yakima, Wash. Bakery products. Serial No. 520,775, Oct. 26. Class 46.
Trenerry's Bakery: *See*—
See Trenerry, R. W.
Tribune Company, Chicago, Ill. Series of cartoons. Serial No. 483,194, Oct. 26. Class 38.
Trico Products Corporation, Buffalo, N. Y. Windshield wiper blades and arms. Serial No. 547,295, Oct. 26. Class 19.
Troy Sunshade Company, The, Troy, Ohio. Metal chairs, stools, benches, etc. Serial Nos. 526,670-1, Oct. 26. Class 32.
Troy Sunshade Company, The, Troy, Ohio. Metal chairs, stools, benches, etc. Serial No. 526,684, Oct. 26. Class 32.
United-Carr Fastener Corporation, Cambridge, Mass. Various component parts of electrical and radio apparatus. Serial No. 497,900, Oct. 26. Class 21.
United Engineering and Foundry Company, Pittsburgh, Pa. Monthly publication. Serial No. 543,019, Oct. 26. Class 38.
U. S. Tool & Mfg. Co., Chicago, Ill. Automotive equipment and accessories. Serial No. 541,361, Oct. 26. Class 19.
United Vacuum Cleaner Stores, Inc.: *See*—
Good Housekeeping Appliances Inc., assignee.
Universal Camera Corporation, New York, N. Y. 8 mm. and 16 mm. sound motion picture projectors. Serial No. 519,107, Oct. 26. Class 26.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. Serial No. 551,066, Oct. 26. Class 6.
Van Allsburg, Ernest E., Detroit, Mich., doing business as Van Chemical Company. Soap, cleaning compounds, compounds for removing stains. Serial No. 523,630, Oct. 26. Class 4.
Van Chemical Company: *See*—
Van Allsburg, Ernest E.
Vick Chemical Company, New York, N. Y. Deodorant preparation. Serial No. 533,423, Oct. 26. Class 6.
Vinton Coal & Coke Company, Vintondale, Pa. Coal and coke. Serial No. 541,749, Oct. 26. Class 1.
Vitamin Food Company, Inc., Newark, N. J. Dried brewer's yeast. Serial Nos. 535,279-80, Oct. 26. Class 6.
W. & S. Blackinton Co., Inc., Meriden, Conn. Hollow ware including dishes, trays, jugs, etc. Serial No. 540,243, Oct. 26. Class 28.

Wallace & Co., Brooklyn, N. Y. Chocolates. Serial No. 507,166, Oct. 26. Class 46.
Washougal Woolen Mills, Washougal, Wash. Woven, knitted, and netted textile piece goods. Serial No. 545,802, Oct. 26. Class 42.
Webster Electric Company, Racine, Wis. Audio frequency amplifiers, audio frequency transformers, choke coils, etc. Serial No. 537,260, Oct. 26. Class 21.
Webster, F. S., Company, Cambridge, Mass. Carbon paper. Serial No. 552,196, Oct. 26. Class 11.
Western Fire Protection, Inc., Los Angeles, Calif. Fire fighting equipment. Serial No. 513,084, Oct. 26. Class 13.
Westfield Manufacturing Company, The, Westfield, Mass. Bicycles. Serial Nos. 543,551-2, Oct. 26. Class 19.
Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric phonographs, radio-phonograph combinations and parts of electric phonographs, etc. Serial No. 530,997, Oct. 26. Class 21.
Wilson-Jones Company, Chicago, Ill. Machine posting trays, racks, stands, etc. Serial No. 514,237, Oct. 26. Class 32.
Wimelbacher & Rice Inc., New York, N. Y. Ladies' leather gloves. Serial No. 539,007, Oct. 26. Class 39.
Winstan, E. S., Co., New York, N. Y. Necklaces and religious ornaments. Serial No. 518,576, Oct. 26. Class 28.
Witco Chemical Company, Chicago, Ill. Zinc soap. Serial No. 515,008, Oct. 26. Class 6.
Woodbury, John H., Inc., Cincinnati, Ohio. Talcum powder, dental cream, lipstick, etc. Serial No. 549,203, Oct. 26. Class 6.
Wooden Shoe Brewing Company, The, Minster, Ohio. Beer and ale. Serial No. 534,849, Oct. 26. Class 48.
World's Products Company: *See*—
Laymon, Herman B.
Wortendyke Manufacturing Co., Richmond, Va. Gummed sealing tape. Serial No. 530,612, Oct. 26. Class 5.
Worthington Pump and Machinery Corporation, Harrison, N. J. Portable air compressors, rock drills, air tools, etc. Serial No. 526,738, Oct. 26. Class 23.
York Street Flax Spinning Co. Limited, Belfast, Ireland. Linen piece goods and linen union piece goods. Serial No. 544,628, Oct. 26. Class 42.
York Street Flax Spinning Co. Limited, Belfast, Ireland. Dyed linen piece goods and dyed union piece goods. Serial No. 544,629, Oct. 26. Class 42.
Ziploc Company, The, New York, N. Y. Wrist watch bands. Serial No. 542,497, Oct. 26. Class 28.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbott Company, The, by G. H. Bass & Co., Wilton, Maine. Boots, shoes, slippers, and moccasins. 297,561, Sept. 20, 1932. Republished Oct. 26. Class 39.
Abbott Laboratories, North Chicago, Ill. Acidifying agent. 503,518, Oct. 26; Serial No. 545,928, published July 27, 1948. Class 6.
Adhesive Products Corporation, New York, N. Y. Adhesive cements containing natural or synthetic rubber. 441,178, Oct. 26; Serial No. 523,558, published July 27, 1948. Class 5.
Adrian, Gilbert, Beverly Hills, Calif. Women's dresses, suits, and coats. 413,942, May 22, 1945. Republished Oct. 26. Class 39.
Affiliated Young Democrats Inc., of New York State, New York, N. Y. Newspapers and periodicals. 503,565, Oct. 26; Serial No. 536,861. Class 38.
Airvans, Inc., Toledo, Ohio. Metal cases. 503,338, Oct. 26; Serial No. 493,239, published July 27, 1948. Class 2.
Akers, Lynn R., doing business as Choelstra Co., New Orleans, La. Preparation containing cholestrin, lecithin, carbon tetrachloride, etc. 503,522, Oct. 26; Serial No. 546,935, published July 27, 1948. Class 6.
Akron Equipment Company: *See*—
Akron Tyrwelder Company, The.
Akron Tyrwelder Company, The, to Akron Equipment Company, Akron, Ohio. Tire-vulcanizing machine. 248,298, renewed Oct. 16, 1948. O. G. Oct. 26. Class 23.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,725, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,729, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,735, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,738-9, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,741, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,743, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,744-5, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,747-8, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,753, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,755, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,767-8, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,772-3, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,774, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,841-2, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,881, re-renewed Dec. 22, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,883, re-renewed Dec. 22, 1948. O. G. Oct. 26. Class 46.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 71,059, re-renewed Dec. 29, 1948. O. G. Oct. 26. Class 46.
Alaska Refrigerator Company, The, Muskegon, Mich., by Borg-Warner Corporation, Chicago, Ill. Refrigerator. 261,222, Sept. 10, 1929. Republished Oct. 26. Class 31.
Albany Packing Co., Inc., West Albany, by Tobin Packing Co., Inc., Rochester, N. Y. Sausage, fresh cured and smoked pork and beef, lard, etc. 243,518, June 26, 1928. Republished Oct. 26. Class 46.
Alexander-Balart Company, San Francisco, Calif. Coffee. 251,850, Jan. 15, 1929. Republished Oct. 26. Class 46.
Alexander-Balart Company, San Francisco, Calif. Coffee and tea. 503,457, Oct. 26; Serial No. 536,212, published July 27, 1948. Class 46.
Algemeene Kunstzijde Unie, N. V., Arnhem, Netherlands. Yarns and threads. 441,181-2, Oct. 26; Serial Nos. 524,042-3, published June 8, 1948. Class 43.
Allied Mills, Inc., Chicago, Ill. Livestock, poultry and dog feeds. 503,391, Oct. 26; Serial No. 528,167, published July 27, 1948. Class 46.
Ambriola, John, & Company, Inc., Youngstown, Ohio. Olive oil. 503,397, Oct. 26; Serial No. 530,052, published July 27, 1948. Class 46.
American Anode Inc., Wilmington, Del., and Akron, Ohio. Latex, with or without added compounding and conditioning ingredients. 441,148, Oct. 26; Serial No. 502,783, published June 1, 1948. Class 1.
American Colloid Company, Chicago, Ill. Clays. 503,402, Oct. 26; Serial No. 530,702, published Aug. 3, 1948. Class 1.
American Laundry Machinery Company, The, Cincinnati, Ohio. Laundry machinery. 503,451-2, Oct. 26; Serial Nos. 535,374-5, published July 27, 1948. Class 24.
American Manufacturing Company: *See*—
American Manufacturing Company, The.
American Manufacturing Company, The, by American Manufacturing Company, New York, N. Y. Bagging. 55,965, Aug. 21, 1906. Republished Oct. 26. Class 42.
American Metal Company (Limited), The: *See*—
United States Metals Refining Company.
American Products Company, The, doing business as Zanol Products Company, assignor to The R. L. Flett Company, Cincinnati, Ohio. Laundry starch. 441,137, Oct. 26; Serial No. 467,508, published Dec. 24, 1946. Class 6.
American Products Company, The, Cincinnati, Ohio, assignor to Royal Home Products, Incorporated, Richmond, Va. Chemical preparation used as a water softener. 441,169, Oct. 26; Serial No. 515,981, published Oct. 28, 1947. Class 6.
American Rolling Mill Company, The, now by change of name Armco Steel Corporation, Middletown, Ohio. Ferrous metals and ferrous metal castings and forgings. 503,390, Oct. 26; Serial No. 527,741, published July 13, 1948. Class 14.
American Tissue Mills: *See*—
Japanese Tissue Mills.
American Tissue Mills, Holyoke, Mass. Crepe paper. 192,496-8, Dec. 9, 1924. Republished Oct. 26. Class 37.
American Tissue Mills, Holyoke, Mass. Crepe paper. 192,804-5, Dec. 9, 1924. Republished Oct. 26. Class 37.

American Tissue Mills, Holyoke, Mass. Crepe paper. 214,122, June 15, 1926. Republished Oct. 26. Class 37.
American Tissue Mills, Holyoke, Mass. Crepe paper. 222,768, Jan. 11, 1927. Republished Oct. 26. Class 37.
American Vault Company, Inc., The, Belmont, Mass. Burial vaults. 503,425, Oct. 26; Serial No. 532,542, published July 27, 1948. Class 2.
Anderson-Stolz Pharmaceuticals, Inc., Kansas City, Mo., assignor to Skinner Manufacturing Company, by Skinner Manufacturing Company, Omaha, Nebr. Deodorant and antiseptic. 425,105, Nov. 5, 1946. Republished Oct. 26. Class 6.
Angelica Jacket Company, St. Louis, Mo. Cotton sheeting and table napkins. 503,468, Oct. 26; Serial No. 537,397, published July 27, 1948. Class 42.
Antrim, C. W., & Sons, by C. W. Antrim & Sons (1946), Richmond, Va. Tea. 71,371, Nov. 24, 1908. Republished Oct. 26. Class 46.
Antrim, C. W., & Sons (1946): *See*—
Antrim, C. W., & Sons.
Arden, Elizabeth, Sales Corporation, New York, N. Y. Toilet lotions; skin creams; perfumes; etc. 503,430, Oct. 26; Serial No. 532,989, published July 27, 1948. Class 6.
Arkwright, Incorporated, New York, N. Y. Lawnmowers, lawn sprayers, spray guns, etc. 430,114, June 10, 1947. Republished Oct. 26. Class 23.
Armco Steel Corporation: *See*—
American Rolling Mill Company, The.
Arnold, Constable & Co., Inc., New York, N. Y. Ladies' and young misses' dresses, coats, suits, etc. 252,217, renewed Jan. 29, 1949. O. G. Oct. 26. Class 39.
Aronsohn, S. J., Inc., New York, N. Y. Fabrics in the piece. 336,276, June 30, 1936. Republished Oct. 26. Class 42.
Aronsohn, S. J., Inc., New York, N. Y. Fabrics in the piece. 336,569, July 7, 1936. Republished Oct. 26. Class 42.
Aronsohn, S. J., Inc., New York, N. Y. Rayon and silk fabrics in the piece. 337,220, Aug. 4, 1936. Republished Oct. 26. Class 42.
Associated Products Company, Incorporated, Washington, D. C. Grenseless, vanishing skin cream. 503,458, Oct. 26; Serial No. 536,217, published July 27, 1948. Class 6.
Associated Retail Millinery, Incorporated, Dallas, Tex. Hats for women. 389,724, Aug. 19, 1941. Republished Oct. 26. Class 39.
Atlantic Precision Company, Boston, to Foxboro Company, The, Foxboro, Mass. Precision measuring instruments. 238,317, renewed Feb. 7, 1948. O. G. Oct. 26. Class 26.
Atlantic Spice Company, The: *See*—
Bird, John, Company.
Atlas Instrument Company, Haddonfield, N. J. Electric scissors. 441,189, Oct. 26; Serial No. 495,160. Class 21.
Atlas Powder Company: *See*—
Celluloid Zapon Company.
Waukegan Chemical Company.
Atlas Powder Company, Wilmington, Del. Coated fabrics. 391,187, Oct. 28, 1941. Republished Oct. 26. Class 42.
Atlas Powder Company, Wilmington, Del. Coating compositions. 420,588, Apr. 23, 1946. Republished Oct. 26. Class 16.
Automatic Burner Corporation, Chicago, Ill. Fuel oil burners. 281,933, Apr. 7, 1931. Republished Oct. 26. Class 34.
Automatic Burner Corporation, Chicago, Ill. Fuel oil burners. 422,233, July 9, 1946. Republished Oct. 26. Class 34.
Automatic Burner Corporation, Chicago, Ill. Fuel oil burners. 428,911, Apr. 8, 1947. Republished Oct. 26. Class 34.
Avon Products, Inc., New York, N. Y. Cosmetic set consisting of cologne and body powder. 441,151, Oct. 26; Serial No. 503,626, published Aug. 3, 1948. Class 6.
Bachmann-Uxbridge Worsted Corporation: *See*—
Uxbridge Worsted Co., Inc.
Backes, G., Fireworks Company, Meriden, Conn. Rolls of paper caps. 503,470, Oct. 26; Serial No. 537,653, published July 27, 1948. Class 9.
Bass, G. H., & Co.: *See*—
Abbott Company, The.
Bates, C. J., & Son, Chester, Conn. Manicure implements. 413,314, Apr. 17, 1945. Republished Oct. 26. Class 44.
Battle Creek Equipment Company: *See*—
Sanitarium and Hospital Equipment Company.
Beadenkopf Leather Company, Inc., Wilmington, Del. Leather. 503,419, Oct. 26; Serial No. 532,424, published July 27, 1948. Class 1.
Beam Manufacturing Company: *See*—
Solar Corporation.
Beamon, A. R., doing business as Crusader Producta Co., Los Angeles, Calif. Vitamin tablets. 503,521, Oct. 26; Serial No. 546,818, published Aug. 3, 1948. Class 6.
Bear Creek Orchards: *See*—
Holmes Brothers.
Behr-Manning Corporation, Troy, by Columbian Rope Company, Auburn, N. Y. Fabric treated with nonslipping material. 365,713, Mar. 14, 1939. Republished Oct. 26. Class 50.
Belmes, William H., doing business as Every Day Coffee Company, by David G. Evans Coffee Company, St. Louis, Mo. Coffee. 234,189, Oct. 18, 1927. Republished Oct. 26. Class 46.
Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags and sacks. 503,378, Oct. 26; Serial No. 526,843, published July 27, 1948. Class 2.
Bemis Bro. Bag Company, St. Louis, Mo. Combination fabric and paper bags. 503,379, Oct. 26; Serial No. 526,849, published July 27, 1948. Class 2.
Bemis Bro. Bag Company, St. Louis, Mo. Woven sacks. 503,380, Oct. 26; Serial No. 526,852, published July 27, 1948. Class 2.
Bemis Bro. Bag Company, St. Louis, Mo. Open-mesh bags. 503,381, Oct. 26; Serial No. 526,853, published July 27, 1948. Class 2.
Bemis Bro. Bag Company, St. Louis, Mo. Cotton, burlap, and paper bags. 503,382, Oct. 26; Serial No. 526,859, published July 27, 1948. Class 2.
Bemis Bro. Bag Company, St. Louis, Mo. Open-mesh bags. 503,383, Oct. 26; Serial No. 526,870, published July 27, 1948. Class 2.
Bendel, Henri, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 441,147, Oct. 26; Serial No. 501,041, published Aug. 3, 1948. Class 6.
Bergdorf & Goodman Co., New York, N. Y. Plastic trays. 421,786, June 18, 1946. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 2.
Berkshire Fine Spinning Associates, Inc., Adams Mass., and Providence, R. I. Cotton and rayon window curtains. 503,545, Oct. 26; Serial No. 516,005. Class 42.
Bernstein Brothers, Los Angeles and San Francisco, Calif. Piece goods of silk, wool, linen, etc. 503,561, Oct. 26; Serial No. 533,698. Class 42.
Beta Phi Sigma Fraternity, St. Louis, Mo., to Beta Phi Sigma Fraternity, San Diego, Calif. Ornamental shields and fraternal jewelry. 246,507, renewed Sept. 11, 1948. O. G. Oct. 26. Class 28.
Bibb Manufacturing Company, Macon, Ga. Cotton, woolen, and rayon piece goods and combinations thereof. 503,343, Oct. 26; Serial No. 499,817, published July 20, 1948. Class 42.
Billings & Spencer Company, The: *See*—
Billings & Spencer Company.
Coes Wrench Company.
Billings & Spencer Company, by The Billings & Spencer Company, Hartford, Conn. Die forgings. 45,068, Aug. 8, 1905. Republished Oct. 26. Class 14.
Billings & Spencer Company, The, Hartford, Conn. Tools, blanks, and finished tools. 130,638, May 4, 1920. Republished Oct. 26. Class 23.
Bird, John, Company, doing business as The Atlantic Spice Company, Rockland, Maine. Cream of tartar, saleratus, baking soda, etc. 441,138, Oct. 26; Serial No. 482,193, published Mar. 9, 1948. Class 6.
Birtman Electric Company, Chicago, Ill. Laundry washing machines. 410,567, Dec. 5, 1944. Republished Oct. 26. Class 24.
Blackburn Products Company, The, to Todd Mumma, Dayton, Ohio. Cathartic pills. 72,445, re-renewed Jan. 26, 1949. O. G. Oct. 26. Class 6.
Blackstaff Flax Spinning and Weaving Company, Limited, Belfast, Northern Ireland. Piece goods of linen, cotton, rayon, etc. 441,154, Oct. 26; Serial No. 504,959, published July 20, 1948. Class 42.
Blair of Virginia: *See*—
Morton Manufacturing Corporation.
Blish Milling Company, Seymour, Ind. Wheat flour. 241,159, Apr. 17, 1928. Republished Oct. 26. Class 46.
Bond, Charles, Company, Philadelphia, Pa. Leather loom sundries. 173,733, Oct. 2, 1923. Republished Oct. 26. Class 23.
Bond, Charles, Company, Philadelphia, Pa. Leather belting. 240,501, Mar. 27, 1928. Republished Oct. 26. Class 35.
Bonfoey, M. W.: *See*—
Stewart, Fred P.
Boott Mills, Lowell, Mass. Scrim in the piece. 279,103, Jan. 6, 1931. Republished Oct. 26. Class 42.
Boott Mills, Lowell, Mass. Scrims in the piece. 503,566, Oct. 26; Serial No. 536,995. Class 42.
Boott Mills, Lowell, Mass. Piece goods, namely corduroy. 503,570, Oct. 26; Serial No. 542,716. Class 42.
Bord Na Móna, Dublin, Ireland. Peat moss. 503,472, Oct. 26; Serial No. 538,024, published July 27, 1948. Class 1.
Bord Na Móna, Dublin, Ireland. Soil-conditioning peat moss. 503,473, Oct. 26; Serial No. 538,025, published July 13, 1948. Class 10.
Borden Company, The: *See*—
Hanford Produce Company.
Borg-Warner Corporation: *See*—
Alaska Refrigerator Company, The.
Bostwick Steel Lath Company, The, Niles, Ohio. Metal lath and expanded metal reenforcements. 503,441, Oct. 26; Serial No. 534,737, published July 6, 1948. Class 12.
Bostwick Steel Lath Company, The, Niles, Ohio. Expanded metal lath, expanded metal reenforcements, etc. 503,442, Oct. 26; Serial No. 534,738, published June 29, 1948. Class 12.
Bostwick Steel Lath Company, The, Niles, Ohio. Corner beads for walls, window openings, and doorways. 503,443, Oct. 26; Serial No. 534,740, published June 29, 1948. Class 12.

Bowden, Wm., & Company, Houston, Tex. Perfumes. 252,517, renewed Feb. 12, 1949. O. G. Oct. 26. Class 6.
Bowers, Orrin C., Oklahoma City, Okla., by Plough, Inc., Memphis, Tenn. Medicinal compound. 64,656, Aug. 20, 1907. Republished Oct. 26. Class 6.
Boyle-Midway Inc., Jersey City, N. J. Stove polish. 503,471, Oct. 26; Serial No. 537,973, published July 27, 1948. Class 4.
Boyle-Midway Inc., Jersey City, N. J. Upholstery cleaner, metal cleaner, rug cleaner, etc. 503,488, Oct. 26; Serial No. 539,935, published July 27, 1948. Class 4.
Bracke-Seib X-Ray Co., Inc., New York, N. Y. Apparatus for contact X-ray therapy. 503,490, Oct. 26; Serial No. 540,768, published July 13, 1948. Class 44.
Bracke-Seib X-Ray Co., Inc., New York, N. Y. Superficial skin X-ray treatment apparatus. 503,491, Oct. 26; Serial No. 540,769, published July 13, 1948. Class 44.
Bray, Philip E., doing business as United Chemical Company, Winona, Minn. Germicidal rinse for glassware. 503,346, Oct. 26; Serial No. 502,683, published July 27, 1948. Class 6.
Briardale Co., San Francisco, Calif. Washing ammonia and liquid bluing. 503,519, Oct. 26; Serial No. 546,354, published Aug. 3, 1948. Class 6.
Broom & Newman, New York, N. Y. Men's and boys' dress, negligee, and work shirts, pajamas, and night-shirts. 142,458, May 17, 1921. Republished Oct. 26. Class 39.
Brown, James L., doing business as Jim Brown's Toy Company, Akron, Ohio. Metal fixture for holding garden and household tools. 432,089, Aug. 19, 1947. Republished Oct. 26. Class 13.
Brown's, Jim, Toy Company: *See*—
Brown, James L.
Brrr, Inc., New York, N. Y. Plastic bucket. 503,398, Oct. 26; Serial No. 530,164, published Aug. 3, 1948. Class 2.
Brunswick-Balke-Collender Company, The, Chicago, Ill. Pocket billiard balls. 281,138, Mar. 10, 1931. Republished Oct. 26. Class 22.
Buckeye Portable Tool Co., The, by Buckeye Tools Corp., Dayton, Ohio. Manually supported motor units for portable power operated tools. 395,087, May 12, 1942. Republished Oct. 26. Class 23.
Buckeye Tools Corp.: *See*—
Buckeye Portable Tool Co., The.
Buenaventura Foreign Trade Corp., New York, N. Y. Fabrics sold by the yard. 503,554, Oct. 26; Serial No. 520,792. Class 42.
Burns, E. Reed, Mfg. Corporation, Brooklyn, N. Y. Polishing and buffing compound. 503,368, Oct. 26; Serial No. 520,768, published July 27, 1948. Class 4.
Calef, Merlin T., by Philadelphia Quartz Company, Philadelphia, Pa. Material used in building roads. 107,960, Jan. 4, 1916. Republished Oct. 26. Class 12.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Fertilizers. 503,453, Oct. 26; Serial No. 535,381, published July 27, 1948. Class 10.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Fertilizers. 503,454, Oct. 26; Serial No. 535,382, published July 20, 1948. Class 10.
Callaway Mills Company: *See*—
Hillside Cotton Mills.
Calresin Corporation, Culver City, Calif. Liquid water soluble, polymerizable phenolic casting resin composition. 441,172, Oct. 26; Serial No. 517,959, published June 15, 1948. Class 1.
Cameron Distributors, Mount Vernon, N. Y. Face and body lotion, cologne, face and body powder, etc. 441,163, Oct. 26; Serial No. 508,785, published Aug. 3, 1948. Class 6.
Camp, John H., Plattsburg, N. Y. Hair tonic. 503,549, Oct. 26; Serial No. 517,961. Class 6.
Candy & Company, Inc., Chicago, Ill. Floor polishing wax compound. 385,863, Mar. 18, 1941. Canceled Oct. 1, 1948. O. G. Oct. 26. Class 16.
Cannon, H. P., & Son, Inc.: *See*—
Cannon, Henry P.
Cannon, Henry P., by H. P. Cannon & Son, Inc., Bridgeville, Del. Canned vegetables. 67,706, Feb. 18, 1908. Republished Oct. 26, 1948. Class 46.
Canton Cotton Mills, Canton, Ga. Cotton piece goods. 503,463, Oct. 26; Serial No. 536,761, published July 27, 1948. Class 42.
Cape Ann Isinglass Company, Boston, to Cape Ann Isinglass Company, Marblehead, Mass. Isinglass. 248,403, renewed Oct. 23, 1948. O. G. Oct. 26. Class 46.
Cape Ann Isinglass Company, Boston, to Cape Ann Isinglass Company, Marblehead, Mass. Adhesive isinglass. 249,968, renewed Nov. 27, 1948. O. G. Oct. 26. Class 5.
Capitol Records, Inc., Hollywood, Calif. Grooved phonograph records. 503,489, Oct. 26; Serial No. 540,381, published July 20, 1948. Class 36.
Cardais Cloak Co., by Western Garment Company, St. Louis, Mo. Ladies' coats. 362,980, Dec. 6, 1938. Republished Oct. 26. Class 39.
Cardais Clock Company, by Western Garment Company, St. Louis, Mo. Removable coat collars. 393,123, Jan. 27, 1942. Republished Oct. 26. Class 39.
Cardinet Candy Company, Inc., Oakland, Calif. Candy. 200,928, July 14, 1925. Republished Oct. 26. Class 46.
Caris Company, The, Brooklyn, N. Y. Nursing bottle holders. 503,469, Oct. 26; Serial No. 537,558, published July 27, 1948. Class 44.
Carney Cement Company, by The Carney Company, Inc., Mankato, Minn. Cement. 159,677, Oct. 3, 1922. Republished Oct. 26. Class 12.
Carney Company, Inc., The: *See*—
Carney Cement Company.
Carolina Aniline & Extract Company, The: *See*—
McCarty, George S.
Casey, Paul S., doing business as Vitamineral Products Company, Peoria, Ill. Compound containing various minerals. 376,849, Apr. 9, 1940. Republished Oct. 26. Class 6.
Casey, Paul S., doing business as Vitamineral Products Company, Peoria, Ill. Compound containing various minerals. 377,488, May 7, 1940. Republished Oct. 26. Class 6.
Casey, Paul S., doing business as Vitamineral Products Company, Peoria, Ill. Compound containing various minerals. 378,449–50, June 11, 1940. Republished Oct. 26. Class 6.
Cates, Chas. F., & Sons, Inc., Faison, N. C. Sweet pickles, sour pickles, dill pickles, etc. 302,741, Apr. 25, 1933. Republished Oct. 26. Class 46.
Cates, Chas F., & Sons, Inc., Faison, N. C. Pickles, fruit preserves, sweet and sour relish, etc. 303,711, June 6, 1933. Republished Oct. 26. Class 46.
Cates, Chas. F., & Sons, Inc., Faison, N. C. Sweet pickles, sour pickles, dill pickles, etc. 304,813, July 18, 1933. Republished Oct. 26. Class 46.
Cates, Chas. F., & Sons, Inc., Faison, N. C. Pickles and sweet pickle relishes. 370,733, Sept. 5, 1939. Republished Oct. 26. Class 46.
Celanese Corporation of America, New York, N. Y. Woven and knitted fabrics. 252,494, renewed Feb. 12, 1949. O. G. Oct. 26. Class 42.
Celanese Corporation of America, New York, N. Y. Fabrics made wholly or partially or cellulose derivatives. 252,706, renewed Feb. 12, 1948. O. G. Oct. 26. Class 42.
Celluloid Zapon Company, Wilmington, Del., now by cnange of name The Zapon Company, by Atlas Powder Company, Wilmington, Del. Ready-mixed paints and enamels, paint colors, varnishes, etc. 197,335, Apr. 14, 1925. Republished Oct. 26. Class 16.
Central Chemical Corporation of Maryland, Hagerstown, Md. Fumigant insecticide. 503,395. Oct. 26; Serial No. 529,230, published July 27, 1948. Class 6.
Central States Laboratories, Columbus, Ohio. Detergent preparation in granular form. 441,165, Oct. 26; Serial No. 510,879, published Sept. 16, 1947. Class 4.
Certified Shoulder Pad Co., Inc, New York, N. Y. Shoulder pads. 503,553, Oct. 26; Serial No. 520,089. Class 40.
Charles & Co., by Charles & Co., Inc., New York, N. Y. Basketed fresh fruits. 66,385, Nov. 26, 1907. Republished Oct. 26. Class 46.
Charles & Co., by Charles & Co., Inc., New York, N. Y. Candies, glacé fruits, chocolates, etc. 66,792, Dec. 31, 1907. Republished Oct. 26. Class 46.
Charles & Co., Inc.: *See*—
Charles & Co.
Cherokee Coal Company, Louisville, Ky. Coal. 503,512, Oct. 26; Serial No. 544,649, published July 27, 1948. Class 1.
Chesebrough Manufacturing Company Consolidated, New York, N. Y. Emulsifiable compound of oils and waxes. 503,534, Oct. 26; Serial No. 549,050, published Aug. 3, 1948. Class 6.
Chicago Gum Tape Company, Chicago, Ill. Gummed and ungummed paper sealing, veneer and stay tapes. 234,054, Oct. 18, 1927. Republished Oct. 26. Classes 5 and 37.
Chipman's, Chas., Sons Co. Inc., by Stardust, Incorporated, New York, N. Y. Hosiery. 235,931, Nov. 29, 1927. Republished Oct. 26. Class 39.
Choelstra Co.: *See*—
Akers, Lynn R.
Church & Dwight Co., Inc., New York, N. Y. Bicarbonate of soda (baking soda). 503,375, Oct. 26; Serial No. 526,750, published July 27, 1948. Class 6.
Church & Dwight Co., Inc., New York, N. Y. Sal soda, bicarbonate of soda, and baking soda. 503,376, Oct. 26; Serial No. 526,759, published July 27, 1948. Class 4.
Church & Dwight Co., Inc., New York, N. Y. Baking soda (bicarbonate of soda) and baking powder, etc. 503,377, Oct. 26; Serial No. 526,780, published July 27, 1948. Class 46.
Cincinnati Wholesale Grocery Company, The, by White Villa Grocers, Inc., Cincinnati, Ohio. Mayonnaise, cove oysters in tins, olives, etc. 284,912, July 14, 1931. Republished Oct. 26. Class 46.
Cincinnati Wholesale Grocery Company, The, by White Villa Grocers, Inc., Cincinnati, Ohio. Canned fruits, canned vegetables, rice, etc. 285,535, July 28, 1931. Republished Oct. 26. Class 46.
Citti Brothers: *See*—
Citti, Silvio.
Citti, Casimira: *See*—
Citti, Silvio.
Citti, Silvio, doing business as Citti Brothers, to C. Citti, doing business as Citti Brothers, Chicago, Ill. Olive oil. 234,697, renewed Nov. 1, 1947. O. G. Oct. 26. Class 46.
Clark Equipment Company: *See*—
Clark Tructractor Company.
Clark Tructractor Company, by Clark Equipment Company, Buchanan, Mich. Tractors. 240,492, Mar. 27, 1928. Republished Oct. 26. Class 23.
Classe Ribbon Works, Inc., Anniston, Ala. Ribbon, sold by the piece. 503,360. Oct. 26; Serial No. 514,801, published July 13, 1948. Class 42.

Clearing Machine Corporation, Chicago, Ill. Metal working presses and parts therefor. 375,878, Mar. 5, 1940. Republished Oct. 26. Class 23.
Cleveland Heater Company, The, Cleveland, Ohio. Metal pipe fittings, valves, cocks, relief valves, etc. 244,817, July 31, 1928. Republished Oct. 26. Class 13.
Clinton Metallic Paint Company, Clinton, N. Y. Mixed paints, dry paints, paint-colors, etc. 106,217, Oct. 19, 1915. Republished Oct. 26. Class 16.
Clopay Corporation, Cincinnati, Ohio. Window curtain drapes. 503,547, Oct. 26; Serial No. 516,398. Class 42.
Coastal Dairy Products, Inc., Wilson, N. C. Ice cream. 441,150, Oct. 26; Serial No. 503,038, published Jan. 28, 1947. Class 46.
Cochran, Jacqueline, Chicago, Ill., and Roselle, N. J., by J. Cochran, Chicago, Ill., assignor to Jacqueline Cochran, Inc., Newark, N. J. Cosmetics and beauty preparations. 361,317, Oct. 11, 1938. Republished Oct. 26. Class 6.
Cochran, Jacqueline, Inc., assignee: *See*—
Cochran, Jacqueline.
Codo Manufacturing Corporation, Coraopolis, Pa., and Chicago, Ill. Typewriter ribbons and carbon paper. 372,852, Nov. 14, 1939. Republished Oct. 26. Class 11.
Coes Wrench Company, Worcester, Mass., by The Billings & Spencer Company, Hartford, Conn. Adjustable screw wrenches. 46,548, Sept. 26, 1905. Republished Oct. 26. Class 23.
Columbian Rope Company: *See*—
Behr-Manning Corporation.
Concordia-Gallia Corporation, New York, N. Y. Textile fabrics in the piece. 503,497, Oct. 26; Serial No. 542,090, published July 20, 1948. Class 42.
Condit, Park N., Newton, Mass. Bands to extend around teeth to provide a matrix to hold filling in the teeth. 503,438, Oct. 26; Serial No. 534,089, published July 27, 1948. Class 44.
Conn, C. G., Ltd., Elkhart, Ind. Cymbals. 503,355, Oct. 26; Serial No. 511,538, published July 27, 1948. Class 36.
Conn, C. G., Ltd., Elkhart, Ind. Accordions. 503,485, Oct. 26; Serial No. 539,396, published July 20, 1948. Class 36.
Consolidated Cosmetics: *See*—
Smith, Olive.
Consumers Gas Company of Georgia, Inc., Albany, Ga. Bottled propane heating gas. 441,190, Oct. 26; Serial No. 496,609. Class 6.
Continental-Diamond Fibre Company: *See*—
Diamond State Fibre Company.
Continental-Diamond Fibre Company, Newark, Del. Laminated synthetic resinous products. 316,624, Aug. 28, 1934. Republished Oct. 26. Class 1.
Continental-Diamond Fibre Company, Newark, Del. Water-resistant vulcanized fiber in sheet, tube, and rod form. 316,637, Aug. 28, 1934. Republished Oct. 26. Class 50.
Continental-Diamond Fibre Company, Newark, Del. Laminated synthetic resinous products. 338,731, Sept. 15, 1936. Republished Oct. 26. Class 1.
Continental-Diamond Fibre Company, Newark, Del. Synthetic resinous products. 367,279, May 9, 1939. Republished Oct. 26. Class 1.
Continental-Diamond Fibre Company, Newark, Del. Built-up mica plate. 408,167, July 25, 1944. Republished Oct. 26. Class 1.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 311,046–8, Mar. 13, 1934. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 311,313, Mar. 20, 1934. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 311,991, Apr. 10, 1934. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 312,063, Apr. 17, 1934. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 312,078, Apr. 17, 1934. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 312,081–2, Apr. 17, 1934. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 322,552, Mar. 12, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 326,444, July 16, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 326,603, July 30, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 327,188, Aug. 20, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 327,237, Aug. 20, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 328,370, Sept. 24, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 328,598, Oct. 1, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 328,757, Oct. 1, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 328,834, Oct. 8, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 329,032, Oct. 15, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 329,994, Nov. 19, 1935. Republished Oct. 26. Class 49.
Continental Distilling Corporation, Philadelphia, Pa. Whiskey. 334,231, Apr. 21, 1936. Republished Oct. 26. Class 49.
Cook Coffee Company, The, Cleveland, Ohio. Soap. 503,476, Oct. 26; Serial No. 538,373, published July 27, 1948. Class 4.
Cook, H. C., Company, The, Ansonia, Conn. Fingernail clippers. 503,372, Oct. 26; Serial No. 526,524, published July 27, 1948. Class 44.
Cooter Company, The: *See*—
Cooter, Paul M.
Cooter, Paul M., doing business as The Cooter Company, Chicago, Ill. Lye. 503,403, Oct. 26; Serial No. 530,724, published July 27, 1948. Class 6.
Copley-Smith, L., & Sons Limited, Manchester, England. Yarns of wool, yarns of worsted, and hand-knitting yarns. 411,913, Feb. 6, 1945. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 43.
Corduroy Rubber Company, Grand Rapids, Mich. Tire casings. 361,313, Oct. 11, 1938. Republished Oct. 26. Class 35.
Corn Products Refining Company: *See*—
National Starch Manufacturing Company, The.
Coty, Inc., New York, N. Y. Face powder, dusting powder, toilet water, etc. 441,144, Oct. 26; Serial No. 498,606, published Dec. 31, 1946. Class 6.
Cox, Clarence H., doing business as Cox's, Waco, Tex. Candy and salted peanuts. 503,426, Oct. 26; Serial No. 532,570, published July 27, 1948. Class 46.
Coxhead, Ralph C., Corporation: *See*—
Hammond Typewriter Corporation.
Cox's: *See*—
Cox, Clarence H.
Crusader Products Co.: *See*—
Beamon, A. R.
Curless, Donald L., doing business as The Dublife Collar Company, New York, N. Y. Collars and cuffs. 421,050, May 14, 1946. Republished Oct. 26. Class 39.
Cushing, Charles G., assignee: *See*—
Delta Manufacturing Company, The.
Cyclops Steel Company, Inc., Titusville, to Universal-Cyclops Steel Corporation, Bridgeville, Pa. Steels. 246,002, renewed Aug. 28, 1948. O. G. Oct. 26. Class 14.
Cypress Land Farms Company, Jaywye, Mo. Seeds. 503,477, Oct. 26; Serial No. 538,375, published July 27, 1948. Class 1.
Dan River Mills, Incorporated, Danville, Va., assignee of Riverside & Dan River Cotton Mills, Inc. Piece goods of cotton, rayon, or mixtures thereof. 503,540, Oct. 26; Serial No. 508,492. Class 42.
Dazian's, Inc., New York, N. Y., Chicago, Ill., Los Angeles, Calif., Boston, Mass., and Detroit, Mich. Textile fabrics in the piece of silk, woolen, cotton, etc. 503,399, Oct. 26; Serial No. 530,176, published July 20, 1948. Class 42.
De Botelho, Martin, by Alexandra de Markoff, Inc., New York, N. Y. Facial preparations. 374,863, Jan. 30, 1940. Republished Oct. 26. Class 6.
Decorative Cabinet Corp., Long Island City, N. Y. Paper and cardboard cabinets, chests, and boxes. 305,208, Aug. 8, 1933. Republished Oct. 26. Class 2.
Deep Sea Salmon Company, by P. E. Harris & Co., Seattle, Wash. Canned salmon. 125,565, May 27, 1919. Republished Oct. 26. Class 46.
Defiance Sales Corporation, New York, N. Y. Ash trays of glass. 503,456, Oct. 26; Serial No. 535,834, published Aug. 3, 1948. Class 8.
Delta Electric Company, Marion, Ind. Electric lanterns. 269,435, Apr. 8, 1930. Republished Oct. 26. Class 21.
Delta Manufacturing Company, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Electric motors and electric bench grinders. 322,510, Mar. 12, 1935. Republished Oct. 26. Class 21.
Delta Manufacturing Company, The, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Power tools. 393,089, Jan. 27, 1942. Republished Oct. 26. Class 23.
Delta Manufacturing Company, The, Milwaukee, Wis., assignor to M. Field, C. G. Cushing, and C. H. Stuckeman, doing business as The Delta Manufacturing Company, by Rockwell Manufacturing Company, Pittsburgh, Pa. Power tools. 398,363, Oct. 27, 1942. Republished Oct. 26. Class 23.
Delta Manufacturing Company, The, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Stick glue, liquid cement. 421,180, May 21, 1946. Republished Oct. 26. Class 5.

Delta Manufacturing Company, The, Milwaukee, Wis., by Rockwell Manufacturing Company, Pittsburgh, Pa. Plans for constructing period designs of furniture. 421,194, May 21, 1946. Republished Oct. 26. Class 38.
Deltox Rug Company, Oshkosh, Wis. Rugs and textile floor mats. 503,563, Oct. 26; Serial No. 535,224. Class 42.
De Markoff, Alexandra, Inc.: *See*—
de Botelho, Martin.
De Markoff, Alexandra, Inc., by Alexandra de Markoff, Inc., New York, N. Y. Cosmetics. 280,660, Feb. 24, 1931. Republished Oct. 26. Class 6.
Dentists' Supply Company of New York, The, New York, N. Y. Artificial teeth. 441,184, Oct. 26; Serial No. 524,306, published July 13, 1948. Class 44.
Dentists' Supply Company of New York, The, New York, N. Y. Artificial teeth. 441,185, Oct. 26; Serial No. 524,307, published July 27, 1948. Class 44.
Denver Alfalfa Milling & Products Co., The, by National Alfalfa Dehydrating and Milling Company, Lamar, Colo. Alfalfa meal. 252,693, Feb. 12, 1929. Republished Oct. 26. Class 46.
Desmond Clothing Company, Los Angeles, Calif., by Desmond's, Inc. Men's suits and overcoats. 194,639, Feb. 3, 1925. Republished Oct. 26. Class 39.
Desmond's, Inc.: *See*—
Desmond Clothing Company.
Frankel Brothers.
Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa., by Continental-Diamond Fibre Company, Newark, Del. Laminated phenolic condensation product. 179,667, Feb. 12, 1924. Republished Oct. 26. Class 1.
Differential Wheel Corporation, Detroit, Mich. Vehicle wheels. 388,826, July 15, 1941. Republished Oct. 26. Class 19.
Ditto, Incorporated, Chicago, Ill. Solvents. 362,665, Nov. 29, 1938. Republished Oct. 26. Class 6.
Ditto, Incorporated, Chicago, Ill. Paper, part of which is coated with a transfer medium on one side. 385,808, Mar. 18, 1941. Republished Oct. 26. Class 37.
Ditto, Incorporated, Chicago, Ill. Paper for duplicating use. 393,870, Mar. 10, 1942. Republished Oct. 26. Class 37.
Ditto, Incorporated, Chicago, Ill. Cards or sheets of paper arranged in overlapping relation at their top and bottom edges. 397,013, Aug. 11, 1942. Republished Oct. 26. Class 37.
Ditto, Incorporated, Chicago, Ill. Paper for duplicating use. 402,961, Aug. 24, 1943. Republished Oct. 26. Class 37.
Division Lead Co., Chicago, Ill. Lead, tin, and antimony products. 441,161, Oct. 26; Serial No. 507,808, published July 20, 1948. Class 14.
Donley Brothers Company, The, Cleveland, Ohio. Ash dumps, ash-pit, and chimney flue doors, etc. 169,590, June 26, 1923. Republished Oct. 26. Class 12.
Donley Brothers Company, The, Cleveland, Ohio. Drain-pipe traps, sewer-pipe strainers, slop sinks, etc. 177,408, Dec. 18, 1923. Republished Oct. 26. Class 13.
Doughboy Industries, Inc.: *See*—
Mennel Milling Company, The.
Dougherty, George W., New York, N. Y. Comic magazines. 503,536, Oct. 26; Serial No. 499,054. Class 38.
Dow Corning Corporation, Midland, Mich. Mixtures containing and consisting of organosilicon polymers, etc. 441,162, Oct. 26; Serial No. 508,587, published July 27, 1948. Class 1.
Drew, E. F., & Co., Inc., by E. F. Drew & Co., Inc., New York, N. Y. Paste. 211,654, Apr. 13, 1926. Republished Oct. 26. Class 6.
Dublife Collar Company, The: *See*—
Curless, Donald L.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Chemical compounds. 441,160, Oct. 26; Serial No. 506,654, published July 27, 1948. Class 6.
Durex Abrasives Corporation, Jersey City, N. J. Natural and artificial abrasives. 503,492, Oct. 26; Serial No. 541,818, published Aug. 3, 1948. Class 4.
E. A. Laboratories, Inc.: *See*—
Wilson, Albert A.
E-Z Cleaning Products: *See*—
Stewart, Fred P.
Eastern Gas and Fuel Associates, Boston, Mass. Coal. 503,479, Oct. 26; Serial No. 538,502, published Aug. 3, 1948. Class 1.
Eastern Gas and Fuel Associates, Boston, Mass. Coal. 503,480, Oct. 26; Serial No. 538,504, published Aug. 3, 1948. Class 1.
Eastman Kodak Company, Rochester, N. Y. Light-sensitive photographic paper. 279,326, Jan. 13, 1931. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 26.
Edmont Manufacturing Company: *See*—
Green Thumb Gardens.
Egan, H. B., & Company, by H. B. Egan Manufacturing Company, Muskogee, Okla. Pneumatic tire inner tube patches. 212,511, May 4, 1926. Republished Oct. 26. Class 35.
Egan, H. B., Manufacturing Company: *See*—
Egan, H. B., & Company.
Ehrman, Samuel, & Co., Inc., New York, N. Y. Lace piece goods. 503,562, Oct. 26; Serial No. 535,010. Class 42.
Elchelberger, Jos., & Company, Eustis, Pa. Fresh citrus fruits. 310,714, Mar. 6, 1934. Republished Oct. 26. Class 46.
Ekco Products Company: *See*—
Katzinger, Edward, Company.
Elder Manufacturing Company, St. Louis, Mo. Cloth of cotton, silk, and combinations of the same. 252,024, renewed Jan. 22, 1949. O. G. Oct. 26. Class 42.
Elder Manufacturing Company, St. Louis, Mo. Men's and boys' dress and negligee shirts and boys' blouses. 252,171, renewed Jan. 29, 1949. O. G. Oct. 26. Class 39.
Embassy Plastic Products, Inc., New York, N. Y. Ladies' leather handbags. 503,533, Oct. 26; Serial No. 547,840, published Aug. 3, 1948. Class 3.
Empire Box Corporation, Garfield, N. J. Egg cartons. 503,350, Oct. 26; Serial No. 506,019, published July 27, 1948. Class 2.
Empire Piece Dyeing and Finishing Company, Paterson, N. J. Fabrics in the piece. 246,261, renewed Sept. 4, 1948. O. G. Oct. 26. Class 42.
Essential Chemicals Co., Milwaukee, Wis. Soap. 503,461, Oct. 26; Serial No. 536,682, published July 13, 1948. Class 4.
Eutectic Welding Alloys Corporation: *See*—
Kurzer, Martin.
Wasserman, Rene D.
Evans, David G., Coffee Company: *See*—
Beimes, William H.
Evans, Leroy B., Hammond, Ind. Weekly publications. 503,543, Oct. 26; Serial No. 513,241. Class 38.
Every Day Coffee Company: *See*—
Beimes, William H.
Eves, Robert L., to Pepsol Company, Inc., The, Nashville, Tenn. Syrup. 31,317, re-renewed Feb. 22, 1948. O. G. Oct. 26. Class 45.
Factrilab Incorporated, Boston, Mass. Antifogging preparation. 503,494, Oct. 26; Serial No. 541,925, published July 27, 1948. Class 4.
Fairfield Engineering Company, The, Marion, Ohio. Electrical control switches. 390,979, Oct. 14, 1941. Republished Oct. 26. Class 21.
Falls Chemical Products Co.: *See*—
Luth, Arno J.
Farnsworth, Daniel W., New York, N. Y. Woolen and worsted piece goods. 503,567, Oct. 26; Serial No. 540,269. Class 42.
Farnsworth, Daniel W., New York, N. Y. Woolen and worsted piece goods. 503,569, Oct. 26; Serial No. 541,531. Class 42.
Feinberg, Harry, New York, N. Y. Woolen and worsted piece goods. 354,672, Feb. 15, 1938. Canceled Sept. 30, 1948. O. G. Oct. 26. Class 42.
Fenwick Manufacturing Co.: *See*—
Higrade Belting & Weaving Co.
Fenwick Textiles, Inc., New York, N. Y. Rayon piece goods. 503,559, Oct. 26; Serial No. 531,024. Class 42.
Fertil-Cel Gardens, West Palm Beach, Fla., and New York, N. Y. Fertilizers. 441,158, Oct. 26; Serial No. 506,490, published July 13, 1948. Class 10.
Fiction House, Inc., to Flying Stories, Inc., New York, N. Y. Fiction magazine. 234,036, renewed Oct. 18, 1947. O. G. Oct. 26. Class 38.
Field, Marshall, assignee: *See*—
Delta Manufacturing Company, The.
Filter Fabrics Incorporated, Cleveland, Ohio. Filter mediums made of textiles. 503,505, Oct. 26; Serial No. 542,753, published July 20, 1948. Class 31.
Filtors, Incorporated, Long Island City, N. Y. Filtering units. 503,487, Oct. 26; Serial No. 539,508, published Aug. 3, 1948. Class 31.
Finishing Specialties & Service Co., to Fred W. McClement, Chicago, Ill. Plastic paint. 246,015, renewed Aug. 28, 1948. O. G. Oct. 26. Class 16.
Firestone Tire & Rubber Company, The, Akron, Ohio. Woven, knitted, and netted piece goods. 441,145, Oct. 26; Serial No. 498,831, published July 13, 1948. Class 42.
First National Laboratories, Inc., Leighton, Pa. Liniment. 244,140, July 10, 1928. Republished Oct. 26. Class 6.
Fisher Flouring Mills Company, Seattle, Wash. Wheat flour. 239,799, Mar. 13, 1928. Republished Oct. 26. Class 46.
Flavor Corporation of America, Chicago, Ill. Feed flavors. 503,394, Oct. 26; Serial No. 529,156, published July 27, 1948. Class 46.
Fleet, C. B., Co. Inc., Lynchburg, Va. Concentrated solution of sodium phosphate. 315,096–7, July 17, 1934. Republished Oct. 26. Class 6.
Flett, R. L., Company, The: *See*—
American Products Company, The.
Florence Pipe Foundry & Machine Company, Florence, N. J. Cast iron pipes. 223,784, Feb. 8, 1927. Republished Oct. 26. Class 13.
Floret Company, The, to Floret Products Co., New York, N. Y. Preparations for making effervescent drinks. 247,302, renewed Sept. 25, 1948. O. G. Oct. 26. Class 6.
Floret Products Co.: *See*—
Floret Company, The.
Flying Stories, Inc.: *See*—
Fiction House, Inc.

Folker Fabrics Corporation, New York, N. Y. Textile fabrics in the piece. 503,499, Oct. 26; Serial No. 542,457, published July 20, 1947. Class 42.
Forster Manufacturing Company, Inc., The, Strong, Maine. Clothes-pins. 441,168, Oct. 26; Serial No. 513,972, published Aug. 3, 1948. Class 24.
Foxboro Company, The: *See*—
Atlantic Precision Company.
Franco-Italian Packing Co., Inc., East San Pedro, Calif. Canned fish. 224,239, Feb. 22, 1927. Corrected. O. G. Oct. 26. Class 46.
Frankel Brothers, New York, N. Y., by Desmond's Inc., Los Angeles, Calif. Men's caps, sweaters, shoes, etc. 178,117, Jan. 8, 1924. Republished Oct. 26. Class 39.
Frankel Brothers, New York, N. Y., by Desmond's, Inc., Los Angeles, Calif. Men's outer clothing. 206,141, Nov. 24, 1925. Republished Oct. 26. Class 39.
Franklin Research Company, Philadelphia, Pa. Water repellent and conditioner. 503,337, Oct. 26; Serial No. 490,426, published Aug. 3, 1948. Class 6.
Freezer, J., & Son, Inc., New York, N. Y. Men's dress, negligee, and work shirts. 334,536, May 5, 1936. Republished Oct. 26. Class 39.
Friedman & Sons, New York, N. Y. Ladies' and men's umbrellas. 441,177, Oct. 26; Serial No. 522,189, published Aug. 3, 1948. Class 41.
Furnholm, George, doing business as The Paos Laboratories, Minneapolis, Minn. Skin cleanser. 441,152, Oct. 26; Serial No. 504,669, published July 27, 1948. Class 4.
G. & B. Fish Company: *See*—
Griffin, B. A. Company, The.
Galter Products Co.: *See*—
Match King, Inc.
Garfinckel, Julius, & Co., Incorporated, Washington, D. C. Handbags. 386,043, Mar. 25, 1941. Republished Oct. 26. Class 3.
Garfinckel, Julius, & Co., Incorporated, Washington, D. C. Ladies', misses', and girls' suits, dresses, shirts, etc. 408,767, Aug. 29, 1944. Republished Oct. 26. Class 39.
Garlock Packing Company, The: *See*—
Garlock Packing Co., The.
Garlock Packing Co., The, by The Garlock Packing Company, Palmyra, N. Y. Rod and jo'nt packing. 37,332, Nov. 19, 1901. Republished Oct. 26. Class 35.
Gartner & Bender, Inc., Chicago, Ill. Greeting cards. 379,576, July 16, 1940. Republished Oct. 26. Class 38.
Gay Brothers Company, Cavendish, Vt. Woolen fabrics in the piece. 503,414, Oct. 26; Serial No. 531,909, published July 13, 1948. Class 42.
Geigy Company, Inc., New York, N. Y. Insecticides. 503,508, Oct. 26; Serial No. 543,917, published July 13, 1948. Class 6.
General Grocer Company: *See*—
Haas-Lieber Grocery Company.
Geometric Tool Company, The, New Haven, Conn. Chasers and chaser-holders. 313,739, June 5, 1934. Republished Oct. 26. Class 23.
Geometric Tool Company, The, New Haven, Conn. Chasers and chaser holders. 313,942, June 12, 1934. Republished Oct. 26. Class 23.
Georgie Porgie Company: *See*—
Willey, R. F.
Gibbs & Company, by Models' Cosmetics Inc., Chicago, Ill. Make-up, lipstick, rouge, etc. 405,430, Feb. 1, 1944. Republished Oct. 26. Class 6.
Gibson, Dorothy, Perfumes Corp., New York, N. Y. Bath salts. 503,420, Oct. 26; Serial No. 532,442, published Aug. 3, 1948. Class 6.
Gibson, Dorothy, Perfumes Corp., New York, N. Y. Perfume. 503,421, Oct. 26; Serial No. 532,443, published Aug. 3, 1948. Class 6.
Gibson, Dorothy, Perfumes Corp., New York, N. Y. Perfumes. 503,422, Oct. 26; Serial No. 532,445, published Aug. 3, 1948. Class 6.
Glidden Company, The, Cleveland, Ohio. Mixture of phenols. 503,520, Oct. 26; Serial No. 546,694, published Aug. 3, 1948. Class 6.
Glidden Company, The, doing business as The A. Wilhelm Company, Reading, Pa., and Cleveland, Ohio. Nail polish remover. 503,535, Oct. 26; Serial No. 549,145, published Aug. 3, 1948. Class 6.
Gokey Company: *See*—
Thompson, Horace.
Gokey Company, Inc.: *See*—
Thompson, Horace.
Goodman, H., & Sons, Inc., New York, N. Y., and Jersey City, N. J. Hair curl clips. 503,531, Oct. 26; Serial No. 547,725, published Aug. 3, 1948. Class 40.
Goodman, H., & Sons, Inc., Jersey City, N. J., and New York, N. Y. Hair wave setters. 503,532, Oct. 26; Serial No. 547,726, published Aug. 3, 1948. Class 40.
Goodman, Lee, doing business as Sta-Wax Products Company, Mangum, by Tirey Hardin, Clinton, Okla. Furniture polish. 331,820, Jan. 21, 1936. Republished Oct. 26. Class 16.
Goodrich, B. F., Company, The, Akron, Ohio. Fusible resinous plastic molding compounds. 441,167, Oct. 26; Serial No. 511,810, published Aug. 3, 1948. Class 1.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Tires. 503,396, Oct. 26; Serial No. 529,982, published July 27, 1948. Class 35.
Granite Looms, Inc., Fall River, Mass., and New York, N. Y. Lace net dinner cloths and curtains. 503,507, Oct. 26; Serial No. 543,442, published July 27, 1948. Class 42.
Great Lakes Varnish Works, Inc., Chicago, Ill. Ready-mixed paints. 227,758, May 17, 1927. Republished Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paint enamels and varnishes. 247,879, renewed Oct. 9, 1948. O. G. Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Flat wall paint. 283,040, May 12, 1931. Republished Oct. 26. Class 16.
Great Lakes Varnish Works Inc., Chicago, Ill. Varnish. 298,060, Oct. 11, 1932. Republished Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paint enamel. 310,786, Mar. 6, 1934. Republished Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paint enamel. 390,010, Sept. 2, 1941. Republished Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Pigmented primer and sealer. 409,252, Sept. 26, 1944. Republished Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Ready-mixed paints, varnish, and paint enamels. 416,333, Sept. 4, 1945. Republished Oct. 26. Class 16.
Great Lakes Varnish Works, Inc., Chicago, Ill. Ready-mixed paint. 425,243, Nov. 12, 1946. Republished Oct. 26. Class 16.
Greenebaum, M. H., Inc., New York, N. Y. Ham, sausages, frankfurters, and bacon. 251,436, renewed Jan. 8, 1949. O. G. Oct. 26. Class 46.
Green Thumb Gardens, Arcanum, by Edmont Manufacturing Company, Coshocton, Ohio. Garden gloves. 412,529, Mar. 13, 1945. Republished Oct. 26. Class 39.
Gretsch, Fred, Mfg. Co., The, New York, N. Y. Musical-instrument strings. 103,869, Apr. 20, 1915. Republished Oct. 26. Class 36.
Griffin, B. A., Company, The, to G & B Fish Company, Milwaukee, Wis. Frozen fish. 241,515, renewed May 1, 1948. O. G. Oct. 26. Class 46.
Griffith Hybrid Corn Co.: *See*—
Griffith, W. R.
Griffith Seed Company: *See*—
Griffith, W. R.
Griffith, W. R., doing business as Griffith Hybrid Corn Co., and Griffith Seed Company, Bloomington, Ill. Seed corn. 503,550, Oct. 26; Serial No. 518,219. Class 1.
Grizzly Manufacturing Company: *See*—
Smith, E. M., Co.
Grizzly Manufacturing Company, Paulding, Ohio. Brake lining. 409,992, Oct. 31, 1944. Republished Oct. 26. Class 35.
Gropper Knitting Mills, Inc., New York, N. Y. Woven textile fabrics. 503,352, Oct. 26; Serial No. 508,652, published July 20, 1948. Class 42.
Guild Products Corporation, by Stationers' Guild of America, Philadelphia, Pa. Blank books, loose leaf ledger binders, loose leaf sheets, etc. 159,364, Sept. 26, 1922. Republished Oct. 26. Classes 23 and 37.
Guild Products Corporation, by Stationers' Guild of America, Philadelphia, Pa. Mucilage, paste, glue, etc. 161,946, Nov. 28, 1922. Republished Oct. 26. Class 5.
Guild Products Corporation, by Stationers' Guild of America, Philadelphia, Pa. Waste baskets, desk trays and cash boxes. 163,332, Jan. 9, 1923. Republished Oct. 26. Class 2.
Guild Products Corporation, by Stationers' Guild of America, Philadelphia, Pa. Card pins, T-pins and bank pins. 168,903, May 29, 1923. Republished Oct. 26. Class 40.
Guild Products Corporation, by Stationers' Guild of America, Philadelphia, Pa. Writing ink and writing fluid. 169,228, June 12, 1923. Republished Oct. 26. Class 11.
Guild Products Corporation, by Stationers' Guild of America, Philadelphia, Pa. Ink eradicator. 169,810, July 3, 1923. Republished Oct. 26. Class 6.
Gummed Products Company, The, Troy, Ohio. Adhesive gummed paper tape and adhesive gummed cloth tape. 503,423, Oct. 26; Serial No. 532,446, published Aug. 3, 1948. Class 5.
Gummed Products Company, The, Troy, Ohio. Gummed paper tape. 503,424, Oct. 26; Serial No. 532,448, published Aug. 3, 1948. Class 5.
Gummed Products Company, The, Troy, Ohio. Fibrous sheet and web material backed with adhesive. 503,435, Oct. 26; Serial No. 533,737, published Aug. 3, 1948. Class 5.
Gummed Products Company, The, Troy, Ohio. Gnmmed paper tape. 503,439, Oct. 26; Serial No. 534,528, published Aug. 3, 1948. Class 5.
Haas-Lieber Grocery Company, by General Grocer Company, St. Louis, Mo. Canned goods, canned fruits, canned berries, etc. 214,956, July 6, 1926. Republished Oct. 26. Class 46.
Haines City Citrus Growers Association, Haines City, Fla. Fresh citrus fruits. 503,412, Oct. 26; Serial No. 531,796, published July 27, 1948. Class 46.
Hales & Hunter Co., Chicago, Ill. Horse feed. 325,976–7, July 9, 1935. Republished Oct. 26. Class 46.
Hales & Hunter Co., Chicago, Ill. Dog food. 326,688, July 30, 1935. Republished Oct. 26. Class 46.

Hales & Hunter Co., Chicago, Ill. Horse food. 327,397, Aug. 27, 1935. Republished Oct. 26. Class 46.
Hales & Hunter Co., Chicago, Ill. Poultry feed. 328,130, Sept. 17, 1935. Republished Oct. 26. Class 46.
Halpern, J., Company, Pittsburgh, Pa. Sparklers. 503,501, Oct. 26; Serial No. 542,566, published Aug. 3, 1948. Class 9.
Halpern, J., Company, Pittsburgh, Pa. Fireworks and toy pistol caps. 503,502, Oct. 26; Serial No. 542,568, published Aug. 3, 1948. Class 9.
Hamilton Watch Company, Lancaster, Pa. Men's and women's pocket and wrist watches. 503,557, Oct. 26; Serial No. 529,380. Class 27.
Hammond Typewriter Corporation, to Ralph C. Coxhead Corporation, New York, N. Y. Typewriter machines. 251,465, renewed Jan. 8, 1949. O. G. Oct. 26. Class 23.
Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Shampoo. 503,466, Oct. 26; Serial No. 537,178, published Aug. 3, 1948. Class 6.
Hanford Produce Company, Sioux City, Iowa, to The Borden Company, New York, N. Y. Electric refrigerators. 246,841, renewed Sept. 18, 1948. O. G. Oct. 26. Class 31.
Hanna Paint Mfg. Co., The, Columbus, Ohio. Liquid paint. 78,513, June 21, 1910. Republished Oct. 26. Class 16.
Hanna Paint Mfg. Co., The, Columbus, Ohio. Paint enamel. 221,230, Nov. 23, 1926. Republished Oct. 26. Class 16.
Hanna Paint Mfg. Co., The, Columbus, Ohio. Ready-mixed paints. 221,233, Nov. 23, 1926. Republished Oct. 26. Class 16.
Hanna Paint Mfg. Co., The, Columbus, Ohio. Ready mixed wall finish paints. 224,702, Mar. 1, 1927. Republished Oct. 26. Class 16.
Harris, P. E., & Co.: *See*—
Deep Sea Salmon Company.
Hawk Fish Company.
Harris, P. E., & Co., Seattle, Wash. Canned salmon. 111,636, July 25, 1916. Republished Oct. 26. Class 46.
Harris, P. E. & Co., Seattle, Wash. Canned salmon. 126,855, Oct. 7, 1919. Republished Oct. 26. Class 46.
Harrower Laboratory, Inc., The: *See*—
Spicer and Company.
Harrower Laboratory, Inc., The, Glendale, Calif. Preparation for use in the treatment of adrenal insufficiency or hypoadrenia. 262,766, Oct. 22, 1929. Republished Oct. 26. Class 6.
Harrower Laboratory, Inc., The, Glendale, Calif. Chocolate coated compressed tablets. 390,884, Oct. 7, 1941. Republished Oct. 26. Class 6.
Harry and David: *See*—
Holmes Brothers.
Hartol Petroleum Corporation: *See*—
Hartol Products Corporation.
Hartol Products Corporation, to Hartol Petroleum Corporation, New York, N. Y. Lubricating, motor-fuel, and furnace oils, etc. 247,239, renewed Sept. 25, 1948. O. G. Oct. 26. Class 15.
Hatch Full Fashioned Hosiery Co., Belmont, N. C. Hosiery. 261,776, Sept. 24, 1929. Republished Oct. 26. Class 39.
Hawk Fish Company, by P. E. Harris & Co., Seattle, Wash. Canned salmon. 82,979, Aug. 8, 1911. Republished Oct. 26. Class 46.
Hawkinson, Paul E., Co., Minneapolis, Minn. Tire patches. 503,408, Oct. 26; Serial No. 531,668, published Aug. 3, 1948. Class 35.
Hawkinson, Paul E., Co., Minneapolis, Minn. Tire patches. 503,409, Oct. 26; Serial No. 531,669, published July 27, 1948. Class 35.
Haydenville Company, The, Haydenville, Mass. Valves, cocks, faucets. 64,784, Aug. 20, 1907. Republished Oct. 26. Class 13.
Heiman, Arthur S., Inc., New York, N. Y. Rayon piece goods. 503,364, Oct. 26; Serial No. 518,294, published July 20, 1948. Class 42.
Heiman, Arthur S., Inc., New York, N. Y. Rayon piece goods. 503,365, Oct. 26; Serial No. 518,673, published July 20, 1948. Class 42.
Hemphill Company: *See*—
Hemphill Manufacturing Company, The.
Hemphill Manufacturing Company, The, Central Falls, by Hemphill Company, Pawtucket, R. I. Automatic stocking-knitting machinery. 81,272, Mar. 21, 1911. Republished Oct. 26. Class 23.
Henry & Close Company, Boston, Mass. Fresh fish fillets. 295,640. July 5, 1932. Republished Oct. 26. Class 46.
Henry & Close Company, Boston, Mass. Frozen fish fillets. 295,993, July 19, 1932. Republished Oct. 26. Class 46.
Henry & Close Company, Boston, Mass. Fresh fish fillets. 297,201, Sept. 6, 1932. Republished Oct. 26. Class 46.
Henryson, L. P., & Co., Inc., New York, N. Y. Umbrellas. 503,530, Oct. 26; Serial No. 547,345, published Aug. 3, 1948. Class 41.
Hexacon Electric Company: *See*—
Johnson, Arthur L.
Higrade Belting & Weaving Co., by Fenwick Manufacturing Co., Newark, N. J. Textile, fiber, rubber, and balata belting. 117,864, Aug. 7, 1917. Republished Oct. 26. Class 35.
Hi-Line Co., Inc., New York, N. Y. Infants' and children's apparel, toddlers', boys', misses', teen-age, and junior apparel. 420,497, Apr. 16, 1946. Republished Oct. 26. Class 39.
Hi-Line Co., Inc., New York, N. Y. Infants', children's, boys', girls', misses', and women's apparel. 425,820, Dec. 3, 1946. Republished Oct. 26. Class 39.
Hillside Cotton Mills, doing business as Valway Mills, to Callaway Mills Company, La Grange, Ga. Rugs. 251,311, renewed Jan. 1, 1949. O. G. Oct. 26. Class 42.
Hiteman Leather Company, Inc., West Winfield, N. Y. Leather. 503,444, Oct. 26; Serial No. 534,892, published Aug. 3, 1948. Class 1.
Hobe Cie Ltd., New York, N. Y. Bracelets, brooch pins, lapel pins, etc. 503,571, Oct. 26; Serial No. 545,849. Class 28.
Hollyvogue Ties, Los Angeles, Calif. Neckties. 424,891, Oct. 29, 1946. Republished Oct. 26. Class 39.
Holmes Brothers, doing business as Holmes Bros. Bear Creek Orchards, by Harry and David, Medford, Oreg. Fresh fruits. 386,023, Mar. 25, 1941. Republished Oct. 26. Class 46.
Holmes Brothers, doing business as Bear Creek Orchards, by Harry and David, Medford, Oreg. Fresh fruits. 400,009, Feb. 9, 1943. Republished Oct. 26. Class 46.
Holmes Bros. Bear Creek Orchards: *See*—
Holmes Brothers.
Hoover Hosiery Company, Concord, N. C. Hosiery. 287,800, Oct. 13, 1931. Republished Oct. 26. Class 39.
Hoover Hosiery Company, Concord, N. C. Men's and women's hosiery. 321,361, Jan. 29, 1935. Republished Oct. 26. Class 39.
Horowitz Bros. & Margareten, New York, N. Y. Matzoths, matzoth meal, noodle soup mix, alimentary pastes, etc. 503,340, Oct. 26; Serial No. 495,972, published July 27, 1948. Class 46.
Houghton, E. F., & Co., Philadelphia, Pa. Metal blackening agents. 503,431, Oct. 26; Serial No. 533,570, published July 27, 1948. Class 6.
Houghton, E. F., & Co., Philadelphia, Pa. Moulded or shaped washers, mechanical packings, and mechanical seals, etc. 503,432, Oct. 26; Serial No. 533,574, published July 27, 1948. Class 35.
Houghton, E. F., & Co., Philadelphia, Pa. Textile finishing oils. 503,433, Oct. 26; Serial No. 533,575, published Aug. 3, 1948. Class 6.
Houlberg, Herman K., doing business as Red Band Products, Chicago, Ill. Sponges. 503,356, Oct. 26; Serial No. 511,816, published Aug. 3, 1948. Class 1.
Household Paper Products Co., Detroit, Mich. Hat boxes, garment bags, and refrigerator bags, etc. 441,153, Oct. 26; Serial No. 504,769, published Jan. 6, 1946. Class 2.
Hull, Foster M., doing business as Hull Laboratories, by Pharmaceuticals, Inc., Los Angeles, Calif. Analgesic antiseptic, non-irritating surgical dressing in semi-gelatinous forms. 387,348, May 13, 1941. Republished Oct. 26. Class 6.
Hull Laboratories: *See*—
Hull, Foster M.
Hydraulic-Press Brick Company, St. Louis, Mo. Brick. 329,017, Oct. 15, 1935. Republished Oct. 26. Class 12.
Ideal Tooth Incorporated: *See*—
Myerson Tooth Corporation.
Import Publications, Inc., New York, N. Y. Magazine. 419,832, Mar. 5, 1946. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 38.
Independent Baking Company, by Independent Biscuits, Inc., Davenport, Iowa. Crackers and biscuits. 237,146, Jan. 3, 1928. Republished Oct. 26. Class 46.
Independent Biscuits, Inc.: *See*—
Independent Baking Company.
Industrial Undergarment Corporation, Poughkeepsie, by Stardust, Incorporated, New York, N. Y. Slips. 391,172, Oct. 28, 1941. Republished Oct. 26. Class 39.
Industrial Undergarment Corp., New York, Poughkeepsie, by Stardust, Incorporated, New York, N. Y. Ladies' and misses' slips. 410,292, Nov. 21, 1944. Republished Oct. 26. Class 39.
Inland Steel Company, Chicago, Ill. Non-slip rolled steel floor plate. 503,341, Oct. 26; Serial No. 497,182, published July 13, 1948. Class 12.
International Appliance Corporation, Brooklyn, N. Y. Electric cooking stoves. 365,023, Feb. 21, 1939. Republished Oct. 26. Class 21.
International Minerals and Chemical Corporation, Chicago, Ill. Fertilizers. 503,401, Oct. 26; Serial No. 530,405, published July 27, 1948. Class 10.
International Printing Pressmen and Assistants' Union of North America, Pressmen's Home, Tenn. Printed books, pamphlets, and circulars. 124,248, Jan. 28, 1919. Republished Oct. 26. Class 38.
International Printing Pressmen and Assistants' Union of North America, Pressmen's Home, Tenn. Printing inks and inking rollers, etc. 398,015, Oct. 6, 1942. Republished Oct. 26. Class 11.
Interstate Bakeries Corporation: *See*—
Schulze Baking Company.
Interstate Bakeries Corporation, assignee of Schulze Baking Company, to Interstate Bakeries Corporation, Kansas City, Mo. Bakery sweet goods. 375,163, Feb. 13, 1940. New certificate. O. G. Oct. 26. Class 46.
Jackson Brewing Company, New Orleans, La. Non-alcoholic, maltless cereal beverages. 131,504, May 18, 1920. Republished Oct. 26. Class 45.
Jackson Brewing Company, New Orleans, La. Non-alcoholic non-cereal maltless beverages. 131,785, May 25, 1920. Republished Oct. 26. Class 45.

Jackson Brewing Company, New Orleans, La. Bottled malt beverages. 136,480, Nov. 2, 1920. Republished Oct. 26. Class 48.
Jackson Brewing Company, New Orleans, La. Malt sirup. 226,990, Apr. 26, 1927. Republished Oct. 26. Class 48.
Jackson Brewing Company, New Orleans, La. Malt sirup for food purposes. 237,334–5, Jan. 10, 1928. Republished Oct. 26. Class 46.
Jackson Brewing Company, New Orleans, La. Malt beverage. 321,042, Jan. 15, 1935. Republished Oct. 26. Class 48.
Jackson Brewing Company, New Orleans, La. Beer. 389,139, July 29, 1941. Republished Oct. 26. Class 48.
Jackson Brewing Company, New Orleans, La. Beer. 398,717, Nov. 17, 1942. Republished Oct. 26. Class 48.
Jambor Tool & Stamping Co., Milwaukee, is. Automobile accessories. 234,113, Oct. 18, 1927. Republished Oct. 26. Class 21.
Japanese Tissue Mills, by American Tissue Mills, Holyoke, Mass. Tissue napkins and paper towels. 107,724, Dec. 21, 1915. Republished Oct. 26. Class 37.
Jefferson Electric Company, Bellwood, Ill. Thermal time delay fuses. 503,542, Oct. 26; Serial No. 509,706. Class 21.
Johnson, Arthur L., doing business as Hexacon Electric Company, Roselle Park, N. J. Electric soldering irons and electric branding irons. 386,555, Apr. 15, 1941. Republished Oct. 26. Class 23.
Johnson, Mary E., trustee, by Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Shotguns. 68,386, Apr. 7, 1908. Republished Oct. 26. Class 9.
Johnson, Mary E., trustee, by Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Revolvers. 68,389, Apr. 7, 1908. Republished Oct. 26. Class 9.
Johnson's, Iver, Arms & Cycle Works: *See*— Johnson, Mary E., trustee.
Johnston, Holloway, & Co., Inc., Philadelphia, Pa. Soap. 503,455, Oct. 26; Serial No. 535,536, published July 27, 1948. Class 4.
Jones, Howard B., Chicago, Ill., by Northern Signal Company, Inc., Milwaukee, Wis. Toy drawing outfits. 304,248, June 27, 1933. Republished Oct. 26. Class 22.
Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Sheet metal. 503,392, Oct. 26; Serial No. 528,482, published July 13, 1948. Class 14.
K. T. S. Products Co.: *See*— Sheffield Company, The.
Kaiser, May McEwan Co.: *See*— Stamper & Kaiser.
Katzinger, Edward, Company, to Ekco Products Company, Chicago, Ill. Domestic measuring cups. 245,021, renewed Aug. 7, 1948. O. G. Oct. 26. Class 26.
Katzinger, Edward, Company, to Ekco Products Company, Chicago, Ill. Base-metal pie . ns and cake pans. 245,277, renewed Aug. 7, 1948. O. G. Oct. 26. Class 13.
Kaufman & Ruderman Co. Inc., New York, N. Y. Earrings, finger rings, anklets, etc. 247,622, renewed Oct. 2, 1948. O. G. Oct. 26. Class 28.
Keeton, Harry, Sr., doing business as Harry Keeton Supply Company, Fort Worth, Tex. Mattress ticking. 503,509, Oct. 26; Serial No. 543,932, published July 27, 1948. Class 42.
Keeton, Harry, Supply Company: *See*— Keeton, Harry, Sr.
Kelco Company, San Diego, Calif. Algin-emulsifier composition. 438,544, Apr. 27, 1948. Corrected. O. G. Oct. 26. Class 46.
Kenyon, Donald D., doing business as Kondon Manufacturing Company, Minneapolis, Minn. Nose and throat drops, nasal jelly and nasal jelly with ephedrine. 503,484, Oct. 26: Serial No. 539,174, published July 27, 1948. Class 6.
Kiefer, Edgar S., Tanning Company, Grand Rapids, Mich. Pigskin. 252,127, renewed Jan. 22, 1949. O. G. Oct. 26. Class 1.
Kimberly-Clark Corporation, Neenah, Wis. Filter disks. 210,959, Mar. 30, 1926. Canceled Sept. 24, 1943. O. G. Oct. 26. Class 31.
King Powder Company, The, Cincinnati, Ohio. Blasting high explosives. 503,415, Oct. 26; Serial No. 532,032, published July 13, 1948. Class 9.
King Powder Company, The, Cincinnati, Ohio. Black powder, both potassium nitrate and sodium nitrate base, etc. 503,416, Oct. 26; Serial No. 532,033, published Aug. 3, 1948. Class 9.
King's Food Products Company, Portland, by Paulus Bros. Packing Co., Salem, Oreg. Canned and dehydrated fruits and canned and dehydrated vegetables. 168,640, May 29, 1923. Republished Oct. 26. Class 46.
Klearflax Linen Looms, Inc., The, Duluth, Minn. Rugs. 503,464, Oct. 26; Serial No. 536,905, published July 20, 1948. Class 42.
Kleen-Heet, Inc.: *See*— Winslow Boiler & Engineering Co.
Klink Citrus Association, Ivanhoe, Calif. Fresh oranges, fresh lemons, and fresh grapefruit. 249,329, Nov. 13, 1928. Republished Oct. 26. Class 46.
Kluxen, Herman A., Madison, N. J. Wines. 318,572, Oct. 30, 1934. Republished Oct. 26. Class 47.
Knapp, Shepherd, Philadelphia, Pa. Food storage cabinets. 503,546, Oct. 26; Serial No. 516,139. Class 2.
Knit Products Corporation, Belmont, N. C. Hosiery. 377,449, May 7, 1940. Republished Oct. 26. Class 39.
Kohler & Campbell, Inc., New York, N. Y. Pianos. 503,462, Oct. 26; Serial No. 536,697, published Aug. 3, 1948. Class 36.
Komfort Mfg. Co.: *See*— Wilson, Albert A.
Kondon Manufacturing Company: *See*— Kenyon, Donald D.
Kops Bros., Inc., New York, N. Y. Corsets, brassières, and girdles. 245,278, renewed Aug. 7, 1948. O. G. Oct. 26. Class 39.
Kraft Foods Company, Chicago, Ill. Blend of cream cheese, roquefort cheese, spices, etc. 441,170, Oct. 26; Serial No. 516,702, published July 27, 1948. Class 46.
Kuhls, H. B. Fred, Brooklyn, N. Y. Preparation to be applied to canvas. 503,544, Oct. 26; Serial No. 514,899. Class 6.
Kurzer, Martin, by Eutectic Welding Alloys Corporation, New York, N. Y. Metal alloys. 374,942, Jan. 30, 1940. Republished Oct. 26. Class 14.
L. & S. Hog Tonic Co., Midville, by E. B. Lamb, Wadley, Ga. Tonic and worming preparation. 375,602, Feb. 20, 1940. Republished Oct. 26. Class 6.
Lacoste, Renee, Detroit, Mich. Toilet preparations. 441,140, Oct. 26; Serial No. 490,316, published May 25, 1948. Class 6.
Lactona Incorporated, St. Paul, Minn. Hand brushes for personal use. 503,538, Oct. 26; Serial No. 507,587. Class 29.
Lamb, E. B.: *See*— L. & S. Hog Tonic Co.
Lano Company, Chicago, Ill., by West Disinfecting Company, Long Island City, N. Y. Powdered hand soap. 377,736, May 14, 1940. Republished Oct. 26. Class 4.
Lanteen Medical Laboratories, Inc., Chicago, Ill. Medicinal jelly. 503,353, Oct. 26; Serial No. 509,014, published July 27, 1948. Class 6.
Lazarus, F. & R., Company, The, Columbus, Ohio. Cotton piece goods. 503,335, Oct. 26; Serial No. 480,338, published July 20, 1948. Class 42.
Leef Bros., Inc., Minneapolis, Minn. Garment ironer. 503,558, Oct. 26; Serial No. 530,323. Class 24.
Lees, James, and Sons Company, Bridgeport, Pa. Knitting yarns. 503,555, Oct. 26; Serial No. 524,245. Class 43.
Legg, Louis E., doing business as Louis E. Legg Lumber Company (not Inc.), Marshall, Mich. Manufactured frame construction buildings. 503,358, Oct. 26; Serial No. 513,827, published June 29, 1948. Class 12.
Legg, Louis E., Lumber Company (not Inc.): *See*— Legg, Louis E.
Leininger, Wm. G., Knitting Co. Inc., Mohnton, Pa. Hosiery. 400,192, Feb. 16, 1943. Republished Oct. 26. Class 39.
Libbey, W. S., Company, Inc., Lewiston, Maine. Blankets. 290,557, Jan. 12, 1932. Corrected. O. G. Oct. 26. Class 42.
Linde, J. E., Paper Co., New York, N. Y. Book paper, cover paper, bond paper, etc. 226,526, Apr. 12, 1927. Republished Oct. 26. Class 37.
Liquid Veneer Corporation, Buffalo, N. Y. Chemical preparation for sealing leaks in steam and hot-water boilers. 503,445, Oct. 26; Serial No. 535,053, published July 27, 1948. Class 6.
Liquid Veneer Corporation, Buffalo, N. Y. Chemical preparation for sealing leaks in radiators, etc. 503,446, Oct. 26; Serial No. 535,054, published July 27, 1948. Class 6.
Los Angeles Soap Company: *See*— Los Angeles Soap Co.
Los Angeles Soap Co., by Los Angeles Soap Company, Los Angeles, Calif. Soap. 27,965, Mar. 17, 1896. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 110,319, May 16, 1916. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Washing powder. 151,855, Feb. 14, 1922. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Toilet soap. 153,233, Mar. 14, 1922. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 188,825, Sept. 2, 1924. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 195,245, Feb. 17, 1925. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Soda. 228,991, June 14, 1927. Republished Oct. 26. Class 6.
Los Angeles Soap Company, Los Angeles, Calif. Flaked and powdered soap. 229,360, June 28, 1927. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Water softener. 290,216, Dec. 22, 1931. Republished Oct. 26. Class 6.
Los Angeles Soap Company, Los Angeles, Calif. Soaps. 293,015–16, Apr. 5, 1932. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Toilet soap. 297,544, Sept. 20, 1932. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Perfume. 305,319, Aug. 15, 1933. Republished Oct. 26. Class 6.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 306,805, Sept. 26, 1933. Republished Oct. 26. Class 4.

Los Angeles Soap Company, Los Angeles, Calif. Beauty soap. 324,911, June 4, 1935. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Toilet soap, granulated soap, shaving cream, etc. 332,402, Feb. 11, 1936. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Toilet soap. 376,061, Mar. 12, 1940. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Toilet soap. 383,047, Nov. 19, 1940. Republished Oct. 26. Class 4.
Los Angeles Soap Company, Los Angeles, Calif. Cleaner with incidental water softening properties. 503,404, Oct. 26; Serial No. 530,743, published July 27, 1948. Class 4.
Louisiana Drug Co., Inc., Opelousas, La. Insecticides, laxatives, germicides, etc. 503,348, Oct. 26; Serial No. 505,359, published July 27, 1948. Class 6.
Loux, Minnie A., Bennington, Vt. Ointment for the treatment of sores, cuts, boils, etc. 503,513, Oct. 26; Serial No. 544,745, published July 27, 1948. Class 6.
Lummis & Company, Philadelphia, Pa. Shelled pop corn not popped, pop corn popped, and pop-corn confections. 247,763, renewed Oct. 2, 1948. O. G. Oct. 26. Class 46.
Luth, Arno J., doing business as Falls Chemical Products Co., Oconto Falls, Wis. Chemical compounds used as a cleaner and detergent. 441,171, Oct. 26; Serial No. 517,373, published July 13, 1948. Class 4.
Lynchburg Hosiery Mills, Inc.: *See*— May Hosiery Mills Inc.
Lynchburg Hosiery Mills, Inc., Lynchburg, Va. Men's hosiery. 328,621, Oct. 1, 1935. Republished Oct. 26. Class 39.
Maas & Waldstein Co., Newark, N. J. Synthetic baking enamels. 420,636, Apr. 23, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Clear lacquers and lacquer enamels. 420,637, Apr. 23, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Plastic resin base primer. 420,878, May 7, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Synthetic resin varnishes and enamels. 420,879, May 7, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Lacquers and paint enamels. 421,701–2, June 11, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Paints, lacquers, and paint enamels. 421,704, June 11, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Crystallizing lacquers. 421,780, June 18, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Adhesive shoe cements. 421,781, June 18, 1946. Republished Oct. 26. Class 5.
Maas & Waldstein Co., Newark, N. J. Coating compositions. 422,318, July 16, 1946. Republished Oct. 26. Class 16.
Maas & Waldstein Co., Newark, N. J. Enamels. 422,319, July 16, 1946. Republished Oct. 26. Class 16.
Millard Corp., The, New York, N. Y. Breath refreshener and throat casing mint. 441,191, Oct. 26; Serial No. 526,265. Class 6.
Mallinckrodt Chemical Works, St. Louis, Mo. Agricultural fungicides. 503,467, Oct. 26; Serial No. 537,330, published July 27, 1948. Class 6.
Malone & Hyde, Inc., Memphis, Tenn., by Y. S. Patterson, Fayette, Ala. Table molasses and sirup, ground spices, and candies. 164,670, Feb. 27, 1923. Republished Oct. 26. Class 46.
Manchester, Henry H., doing business as Southern Sales Service, San Diego, Calif. Spark plug cleaning abrasive. 441,157, Oct. 26; Serial No. 506,460, published July 27, 1948. Class 6.
Mandarin Food Products Incorporated: *See*— Mandarin Sauce Co.
Mandarin Sauce Co., by Mandarin Food Products Incorporated, Los Angeles, Calif. Tea, rice, noodles, etc. 223,908, Feb. 15, 1927. Republished Oct. 26. Class 46.
Manufacturers and Fabricators, Inc., Elyria, Ohio. Laundry appliances and machines. 441,164, Oct. 26; Serial No. 509,522, published July 27, 1948. Class 24.
Marbon Corporation, Gary, Ind. Rubber derivative for bonding rubber to metals. 375,564, Feb. 20, 1940. Republished Oct. 26. Class 5.
Marcalus Manufacturing Co. Inc.: *See*— Marcalus Manufacturing Company, Inc.
Marcalus Manufacturing Company, Inc., doing business as Thrifty Co., Bloomfield, by Marcalus Manufacturing Co. Inc., East Paterson, N. J. Waxed paper. 312,164, Apr. 17, 1934. Republished Oct. 26. Class 37.
Marine Decking & Supply Co., Philadelphia, Pa., by Oakite Products, Inc., New York, N. Y. Composition flooring. 218,502, Sept. 28, 1926. Republished Oct. 26. Class 12.
Mark Cross Company, New York, N. Y. Hand soap, bath soap, shaving soap bowl, etc. 503,354, Oct. 26; Serial No. 510,186, published July 27, 1948. Class 4.
Marvin, W. H., Company, The, Urbana, Ohio. Dried currants and mincemeat. 250,086, renewed Nov. 27, 1948. O. G. Oct. 26. Class 46.
Masonite Corporation, Laurel, Miss., to Masonite Corporation, Chicago, Ill. Fibre board, insulating board, composite board, etc. 248,040, renewed Oct. 16, 1948. O. G. Oct. 26. Class 12.
Match King, Inc., by Galter Products Co., Chicago, Ill. Cameras, photographic lenses, and sensitized photographic films. 371,736, Oct. 3, 1939. Republished Oct. 26. Class 26.
Match King, Inc., by Galter Products Co., Chicago, Ill. Cameras. 373,522, Dec. 12, 1939. Republished Oct. 26. Class 26.
Matchless Metal Polish Co., The, Chicago, Ill. Cleaning, polishing and buffing preparation. 503,359, Oct. 26; Serial No. 514,767, published July 27, 1948. Class 4.
Mathieson Alkali Works, Inc., The, to Mathieson Chemical Corporation, New York, N. Y. Hypochlorite. 252,200, renewed Jan. 29, 1949. O. G. Oct. 26. Class 6.
Mathieson Chemical Corporation: *See*— Mathieson Alkali Works, Inc.
Maurella Products Co.: *See*— Handman, Maurice.
May Hosiery Mills Inc., Burlington, N. C., by Lynchburg Hosiery Mills, Inc., Lynchburg, Va. Hosiery; underwear, dresses and shirts, etc. 240,641, Apr. 3, 1928. Republished Oct. 26. Class 39.
McAdoo & Allen Welting Co., by McAdoo & Allen Welting Co., Quakertown, Pa. Welting leather. 236,137, Dec. 6, 1927. Republished Oct. 26. Class 1.
McCarty, George S., doing business as The Carolina Aniline & Extract Company, Charlotte, N. C. Solution for use in cooling towers, refrigerating systems, humidifying systems, etc. 503,437, Oct. 26; Serial No. 534,042, published July 27, 1948. Class 6.
McClement, Fred W.: *See*— Finishing Specialties & Service Co.
McGovern, Edward B., doing business as McGovern and McGovern, Seattle, Wash. Canned fish. 327,423, Aug. 27, 1935. Republished Oct. 26. Class 46.
McGovern and McGovern: *See*— McGovern, Edward B.
McGovern & McGovern, by Monitor Fisheries, Inc., Seattle, Wash. Canned salmon. 173,771, Oct. 2, 1923. Republished Oct. 26. Class 46.
McGovern and McGovern, by Monitor Fisheries, Inc., Seattle, Wash. Canned fish, canned fruits and vegetables, canned berries. 238,105, Jan. 24, 1928. Republished Oct. 26. Class 46.
McGovern and McGovern, by Monitor Fisheries, Inc., Seattle, Wash. Canned salmon, canned fruits, berries, etc. 240,114, Mar. 20, 1928. Republished Oct. 26. Class 46.
McGovern & McGovern, by Monitor Fisheries, Inc., Seattle, Wash. Canned fish. 309,598, Jan. 23, 1934. Republished Oct. 26. Class 46.
McGraw Colorgraph Company: *See*— McGraw, Max.
McGraw, Max, doing business as McGraw Colorgraph Company, Burbank, Calif. Pigment paper. 406,910, May 9, 1944. Republished Oct. 26. Class 37.
McKesson & Robbins, Incorporated, Bridgeport, Conn., to McKesson & Robbins, Incorporated, New York, N. Y. Cold and grippe tablets. 245,488, renewed Aug. 14, 1948. O. G. Oct. 26. Class 6.
McKesson & Robbins, Incorporated, Bridgeport, Conn., to McKesson & Robbins, Incorporated, New York, N. Y. Ointment. 245,570–1, renewed Aug. 14, 1948. O. G. Oct. 26. Class 6.
McKesson & Robbins, Incorporated, Bridgeport, Conn., to McKesson & Robbins, Incorporated, New York, N. Y. Tooth paste. 245,572–3, renewed Aug. 14, 1948. O. G. Oct. 26. Class 6.
Mead Johnson & Company, Evansville, Ind. Specially-prepared food product for infants and invalids. 252,447, renewed Feb. 5, 1949. O. G. Oct. 26. Class 46.
Mendenhall, J. C., Medicine Co., Incorporated, Mt. Vernon, Ind. Cough syrup. 503,523, Oct. 26; Serial No. 547,013, published Aug. 3, 1948. Class 6.
Mennel Milling Company, The, to Doughboy Industries, Inc., New Richmond, Wis. Wheat-flour. 131,551, May 18, 1920. New certificate. O. G. Oct. 26. Class 46.
Mennel Milling Company, The, to Doughboy Industries, Inc., New Richmond, Wis. Wheat-flour. 138,064, Dec. 14, 1920. New certificate. O. G. Oct. 26. Class 46.
Mermaid Products Corporation, Chicago, Ill. Fish sausages. 372,165, Oct. 24, 1939. Canceled July 23, 1948. O. G. Oct. 26. Class 46.
Merz, John P., doing business as Noxal Chemical Co., Philadelphia, Pa., to Walter E. Tinkler, St. Francisville, La. Cleaning and polishing compounds. 242,093, renewed May 15, 1948. O. G. Oct. 26. Class 16.
Metals & Controls Corporation, Attleboro, Mass. Thermostatic metal. 500,964, July 13, 1948. Corrected. O. G. Oct. 26. Class 14.
Metropolitan Cigar Corporation, Chicago, Ill. Cigars. 332,165, Feb. 4, 1936. Republished Oct. 26. Class 17.
Michaels, Stern & Company, by Michaels Stern & Company, Incorporated, Rochester, N. Y. Men's and boys' suits and overcoats. 158,022, Aug. 22, 1922. Republished Oct. 26. Class 39.
Michaels, Stern & Company, by Michaels, Stern & Company, Incorporated, Rochester, N. Y. Light-weight tropical suits for men. 223,579, Feb. 8, 1927. Republished Oct. 26. Class 39.

Michaels, Stern & Company, Incorporated: *See*—
Michaels, Stern & Company.

Michaels, Stern & Company, Incorporated, Rochester, N. Y. Men's and boys' suits and topcoats. 377,832, May 14, 1940. Republished Oct. 26. Class 39.

Michaels, Stern & Company, Incorporated, Rochester, N. Y. Men's suits, vests, trousers, etc. 408,850, Aug. 29, 1944. Republished Oct. 26. Class 39.

Michaels, Stern & Company, Incorporated, Rochester, N. Y. Men's suits, topcoats, and overcoats. 412,543, Mar. 13, 1945. Republished Oct. 26. Class 39.

Middletown Milk & Cream Co. Inc., Yonkers, N. Y. Milk powder. 420,800, May 7, 1946. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 46.

Midland Distilleries, Inc., by Southern Comfort Corporation, St. Louis, Mo. Cordial. 317,529, Sept. 25, 1934. Republished Oct. 26. Class 49.

Milani, Louis, Foods, Chicago, Ill., by Louis Milani Foods, Inc., Maywood, Calif. French dressing. 410,811, Dec. 19, 1944. Republished Oct. 26. Class 46.

Milani, Louis, Foods, Chicago, Ill., by Louis Milani Foods, Inc., Maywood, Calif. French dressing. 411,070, Jan. 2, 1945. Republished Oct. 26. Class 46.

Milani, Louis, Foods, Inc.: *See*—
Milani, Louis, Foods.

Millett, J. C., Co.: *See*—
Sherry's Liquor Stores.

Milwaukee Forge & Machine Co., Milwaukee, Wis. Forgings. 503,400, Oct. 26; Serial No. 530,328, published July 13, 1948. Class 14.

Minami, H. Y., Jr., doing business as H. Y. Minami & Sons, by H. Y. Minami and Sons, Guadalupe, Calif. Fresh lettuce and cauliflower. 281,998, Apr. 7, 1931. Republished Oct. 26. Class 46.

Minami, H. Y., & Sons: *See*—
Minami, H. Y., Jr.

Minami, H. Y., and Sons: *See*—
Minami, H. Y., Jr.

Miner-Hillard Milling Company, Wilkes-Barre, Pa. Wheat-flour. 97,633, June 16, 1914. Republished Oct. 26. Class 46.

Miner-Hillard Milling Company, Wilkes-Barre, Pa. Paper hangers' wall size. 293,476, Apr. 26, 1932. Republished Oct. 26. Class 5.

Models' Cosmetics Inc.: *See*—
Gibbs & Company.

Modern Drug Products: *See*—
Roberts, E. D.

Mo-Grow Chemical Co., Flora, Miss., by Plough, Inc., Memphis, Tenn. Fair-skin ointment, skin balm, hair dressing and grower, etc. 234,557, Nov. 1, 1927. Republished Oct. 26. Class 6.

Mojonnier & Sons, Inc., Walla Walla, Wash. Fresh vegetables, fresh deciduous fruits, and fresh rhubarb. 381,633, Oct. 1, 1940. Republished Oct. 26. Class 46.

Monarch Leather Company, Chicago, Ill. Leather. 503,344, Oct. 26; Serial No. 500,626, published Aug. 3, 1948. Class 1.

Monitor Fisheries, Inc.: *See*—
McGovern & McGovern.

Moore, Goodloe E., Company, Danville, Ill. Heavy paste consistency waterproof adhesive. 441,187, Oct. 26; Serial No. 524,807, published July 27, 1948. Class 5.

Moore, John Hudson, Inc., New York, N. Y. Smokers' pipes, tobacco pouches, cigarette papers cut to size, etc. 503,357, Oct. 26; Serial No. 512,078, published Aug. 3, 1948. Class 8.

Morey Mercantile Company, The, Denver, Colo. Gloss starch. 503,496, Oct. 26; Serial No. 542,043, published July 27, 1948. Class 6.

Morganton Full Fashioned Hosiery Company: *See*—
Rollins Hosiery Mills.

Morton Manufacturing Corporation, doing business as Blair Of Virginia, Lynchburg, Va. Household cement. 503,351, Oct. 26; Serial No. 506,187, published July 27, 1948. Class 5.

Motor Products Corporation, Detroit, Mich. Automobile accessories. 218,521, Sept. 28, 1926. Republished Oct. 26. Classes 19, 25, 23.

Motor Products Corporation, Detroit, Mich. Vehicle window ventilating apparatus. 317,269, Sept. 18, 1934. Republished Oct. 26. Class 19.

Moulton Ladder Manufacturing Co., Somerville, Mass. Racks and frames and supports therefor. 503,481, Oct. 26; Serial No. 538,557, published Aug. 3, 1948. Class 24.

Muller-Barringer: *See*—
Muller & Barringer.

Muller & Barringer, doing business as Muller-Barringer, New York, N. Y. Decorative wall and surface covering. 441,166, Oct. 26; Serial No. 511,349, published July 13, 1948. Class 12.

Mundet Cork Corporation, Brooklyn, N. Y. Brine putty. 441,176, Oct. 26; Serial No. 521,597, published June 29, 1948. Class 12.

Murphy, G. C., Company, McKeesport, Pa. Articles of personal apparel. 386,707, Apr. 22, 1941. Republished Oct. 26. Class 39.

Myerson Tooth Corporation, by change of name from Ideal Tooth Incorporated, Cambridge, Mass. Artificial teeth. 503,334, Oct. 26; Serial No. 474,123, published July 27, 1948. Class 44.

Myerson Tooth Corporation, Cambridge, Mass. Artificial teeth. 503,503, Oct. 26; Serial No. 542,629, published July 13, 1948. Class 44.

Nalley's, Inc., Tacoma, Wash. Salad dressing. 292,577, Mar. 15, 1932. Republished Oct. 26. Class 46.

Nalley's, Inc., Tacoma, Wash. Mayonnaise, thousand island dressing, salad dressing, etc. 295,211, June 21, 1932. Republished Oct. 26. Class 46.

Nalley's, Inc., Tacoma, Wash. Mayonnaise and french dresing. 295,212, June 21, 1932. Republished Oct. 26. Class 46.

Nathans, Louis, Baltimore, Md. Coats, vests, pants, etc. 255,065, Apr. 9, 1929. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 39.

National Alfalfa Dehydrating and Milling Company: *See*—
Denver Alfalfa Milling & Products Co. The.

National Biscuit Company: *See*—
Sterling Biscuit Company.

National Biscuit Company, Jersey City, N. J., to National Biscuit Company, New York, N. Y. Biscuit and crackers. 71,785–7, re-renewed Dec. 15, 1948. O. G. Oct. 26. Class 46.

National Carbon Company, Inc., New York, N. Y. Tobacco pouches. 441,188, Oct. 26; Serial No. 525,369, published July 27, 1948. Class 8.

National Fruit Canning Co., to National Fruit Canning Co., Seattle, Wash. Canned fruits. 249,330, renewed Nov. 13, 1948. O. G. Oct. 26. Class 46.

National Magnesia Co. Inc., Brooklyn, N. Y. Laxatives. 247,578, renewed Oct. 2, 1948. O. G. Oct. 26. Class 6.

National Motor Bearing Company, Inc., San Francisco, Calif. Grease and oil retainers of the friction type. 322,517, Mar. 12, 1935. Republished Oct. 26. Class 35.

National Starch Manufacturing Company, The, Covington, Ky., and New York, by Corn Products Refining Company, New York, N. Y. Preparation of corn flour. 19,679, June 9, 1891. Republished Oct. 26. Class 46.

National Starch Products, Inc., New York, N. Y. Liquid resin-base cement for general adhesive purposes. 503,374, Oct. 26; Serial No. 526,589, published July 27, 1948. Class 5.

National Transit Pump & Machine Company, Oil City, Pa. Steam-driven pumps, and condensers, etc. 130,843, May 4, 1920. Republished Oct. 26. Class 23.

Natural Products Co., Inc., Sheboygan, Wis. Plastic sheeting or film. 503,417, Oct. 26; Serial No. 532,330, published July 20, 1948. Class 42.

Naumkeag Steam Cotton Company, Salem, Mass. Cotton piece goods, sheets, and pillow cases. 503,500, Oct. 26; Serial No. 542,481, published July 27, 1948. Class 42.

Neuburger, C. A., Company: *See*—
Oshkosh Muslin Underwear Co.

Neuburger, C. A., Company, Oshkosh, Wis. Women's blouses, coveralls, slacks, etc. 403,132, Sept. 7, 1943. Republished Oct. 26. Class 39.

Neuburger, C. A., Company, Oshkosh, Wis. Women's dresses. 407,114, May 16, 1944. Republished Oct. 26. Class 39.

Neva-Wet Corporation of America, Inc., New York, N. Y., by Royce Chemical Company, Carlton Hill, N. J. Processing fluids. 336,434, July 7, 1936. Republished Oct. 26. Class 6.

New Haven Clock and Watch Company, The, New Haven, Conn. Clocks, watches, and parts thereof. 503,539, Oct. 26; Serial No. 507,836. Class 27.

New Jersey Wood Finishing Company, Woodbridge, N. J. Varnished cambric fabrics and tapes and varnish papers. 281,286, Mar. 17, 1931. Republished Oct. 26. Class 21.

New York Hat Stores, Inc., Los Angeles, Calif. Hats and caps for men and boys. 246,671, renewed Sept. 11, 1948. O. G. Oct. 26. Class 39.

New York Hat Stores, Inc., Los Angeles, Calif. Hats for men and boys. 249,440, renewed Nov. 13, 1948. O. G. Oct. 26. Class 39.

New York Knitting Mills, New York, N. Y. Men's, women's, boys', and girls' sweaters and sweater shirts. 422,792, Aug. 13, 1946. Republished Oct. 26. Class 39.

New York Lubricating Oil Company, New York, N. Y. Lubricating greases and lubricating oils. 72,380, renewed Jan. 19, 1949. O. G. Oct. 26. Class 15.

New York Make-Up Corporation, New York, N. Y. Toilet soaps and shaving creams. 503,493, Oct. 26; Serial Nos. 541,876–7, published July 27, 1948. Class 4.

Nickels Manufacturing Company, Bristol, Va., by Nickels Manufacturing Company, Bristol, Tenn. Ladies', misses', and children's dresses. 169,770, July 3, 1923. Republished Oct. 26. Class 39.

North American Lace Company, Inc., Philadelphia, Pa. Lace curtains and lace fabrics in the piece. 503,572, Oct. 26; Serial No. 545,875. Class 42.

North American Rayon Corporation, New York, N. Y. Piece goods. 441,156, Oct. 26; Serial No. 506,189, published July 20, 1948. Class 42.

North Products Corporation, Chicago, Ill. Hand cleanser preparation. 503,495, Oct. 26; Serial No. 541,954, published July 27, 1948. Class 4.

Northern Signal Company, Inc.: *See*—
Jones, Howard B.

Noxal Chemical Co.: *See*—
Merz, John P.

Oakite Products, Inc.: *See*—
Marine Decking & Supply Co.
Oakley Chemical Company.

Oakite Products, Inc., New York, N. Y. Chemical preparation. 412,149, Feb. 20, 1945. Republished Oct. 26, Class 6.

Oakley Chemical Co., by Oakite Products, Inc., New York, N. Y. Granulated chemical cleansing compound. 80,287, Nov. 29, 1910. Republished Oct. 26. Class 4.

Oakley Chemical Co., by Oakite Products, Inc., New York, N. Y. Granulated chemical cleansing compound. 80,673, Jan. 17, 1911. Republished Oct. 26. Class 4.

Oakley Chemical Co., by Oakite Products, Inc., New York, N. Y. Granulated chemical cleansing compound. 127,103, Oct. 21, 1919. Republished Oct. 26. Class 4.

Oakley Chemical Co., by Oakite Products, Inc., New York, N. Y. Granulated chemical cleansing compounds. 134,754, Sept. 14, 1920. Republished Oct. 26. Class 4.

Oakley Chemical Co., by Oakite Products, Inc., New York, N. Y. Soap. 135,502, Oct. 12, 1920. Republished Oct. 26. Class 4.

Oakley Chemical Co., by Oakite Products, Inc., New York, N. Y. Chemical compound. 192,610–11, Dec. 9, 1924. Republished Oct. 26. Class 6.

O'Connor, M., and Co., Indianapolis, Ind. Canned fruits and vegetables. 114,175, Dec. 5, 1916. Republished Oct. 26. Class 46.

O'Donnell Company, The, to O'Donnell-Usen Fisheries Corporation, Boston, Mass. Fresh fish. 249,778, renewed Nov. 20, 1948. O. G. Oct. 26. Class 46.

O'Donnell-Usen Fisheries Corporation: *See*—
O'Donnell Company, The.

Oelerich & Berry Company, Chicago, Ill. Jams and jellies. 503,384, Oct. 26; Serial No. 527,147, published July 27, 1948. Class 46.

Ohio Confection Company, The, Cleveland, Ohio. Chocolate-covered almonds, chocolate-covered raisins, and candy. 422,402, July 23, 1946. Republished Oct. 26. Class 46.

Ohio Ferro-Alloys Corporation, Canton, Ohio. Ferro-alloys. 327,777, Sept. 3, 1935. Republished Oct. 26. Class 14.

Ohio Ferro-Alloys Corporation, Canton, Ohio. Ferro-alloys. 403,413, Sept. 21, 1943. Republished Oct. 26. Class 14.

Old Ben Coal Corporation, Chicago, Ill. Coal. 503,410, Oct. 26; Serial No. 531,705, published Aug. 3, 1948. Class 1.

Old Mission Packing Corp., Ltd., North San Diego, Calif. Canned olives, orange, marmalade, etc. 297,292, Sept. 6, 1932. Corrected. O. G. Oct. 26. Class 46.

Old Mission Packing Corp., Ltd., San Diego, Calif. Canned food products. 330,896, Dec. 17, 1935. Corrected. O. G. Oct. 26. Class 46.

Old Mission Packing Corp., Ltd., San Diego, Calif. Canned olives. 336,387, July 7, 1936. Corrected. O. G. Oct. 26. Class 46.

Olympia Canning Company, Olympia, Wash. Canned fruits. 168,374, May 22, 1923. Republished Oct. 26. Class 46.

Olympia Canning Company, Olympia, Wash. Canned fruits. 168,615, May 29, 1923. Republished Oct. 26. Class 46.

Olympia Canning Company, Olympia, Wash. Canned berries and canned fruits. 191,276, Nov. 4, 1924. Republished Oct. 26. Class 46.

Olympia Canning Company, Olympia, Wash. Canned fruits. 193,235, Dec. 23, 1924. Republished Oct. 26. Class 46.

Olympia Canning Company, Olympia, Wash. Canned vegetables. 252,308, Jan. 29, 1929. Republished Oct. 26. Class 46.

Omaha Cold Storage Company, Omaha, Nebr. Butter, eggs, and dressed poultry. 223,939, Feb. 15, 1927. Republished Oct. 26. Class 46.

Onondaga Silk Company, Inc., New York, N. Y. Silk fabrics in the piece. 503,568, Oct. 26; Serial No. 541,443. Class 42.

Orange Knitting Mills, Incorporated, Orange, Va. Hosiery. 376,234, Mar. 12, 1940. Republished Oct. 26. Class 39.

Orange Knitting Mills, Incorporated, Orange, Va. Hosiery. 376,884, Apr. 9, 1940. Republished Oct. 26. Class 39.

Oregon Growers Cooperative Association, by Paulus Bros. Packing Co., Salem, Oreg. Canned fruits and vegetables. 173,615, Oct. 2, 1923. Republished Oct. 26. Class 46.

Oshkosh Muslin Underwear Company, by C. A. Neuburger Company, Oshkosh, Wis. Ladies' and children's underwear. 126,052, July 22, 1919. Republished Oct. 26. Class 39.

Oshkosh Muslin Underwear Co., by C. A. Neuburger Company, Oshkosh, Wis. Ladies' skirts and dresses. 228,840, June 14, 1927. Republished Oct. 26. Class 39.

Ovsianico, Gregoire, Paris, France. Perfumes. 441,155, Oct. 26; Serial No. 505,911, published July 27, 1948. Class 6.

P-V-M-Corporation, New York and Wappingers Falls, N. Y. Dyed and finished fabrics in the piece. 503,504, Oct. 26; Serial No. 542,645, published July 27, 1948. Class 42.

Pacific Clay Products: *See*—
Pacific Clay Products Co.

Pacific Clay Products, Los Angeles, Calif. Brick. 240,671, Apr. 3, 1928. Republished Oct. 26. Class 12.

Pacific Clay Products Co., by Pacific Clay Products, Los Angeles, Calif. Pressed brick, glazed and enameled brick, ruffled brick, etc. 167,519, May 1, 1923. Republished Oct. 26. Class 12.

Pacific Clay Products Co., by Pacific Clay Products, Los Angeles, Calif. Vitrified salt glazed sewer pipe, tile water pipe, etc. 167,520, May 1, 1923. Republished Oct. 26. Class 12.

Pacific Lumber Company, The, San Francisco, California. Specially ground or comminuted wood. 441,159, Oct. 26; Serial No. 506,544, published Sept. 23, 1947. Class 1.

Pacific Mills, New York, N. Y., and Boston, Mass. Woolen and worsted fabrics in the piece. 503,506, Oct. 26; Serial No. 543,318, published July 27, 1948. Class 42.

Page Milk Company: *See*—
Page, Rowland B.

Page Milk Co., The: *See*—
Page, Rowland B.

Page, Rowland B., doing business as Page Milk Company, by The Page Milk Co., Merrill, Wis. Evaporated milk. 225,709, Mar. 22, 1927. Republished Oct. 26. Class 46.

Palmer, Frank D., Inc., Chicago, Ill. Receptacles—namely, paper cartons, boxes, and bags. 503,367, Oct. 26; Serial No. 520,646, published Aug. 3, 1938. Class 2.

Paos Laboratories, The: *See*—
Furmholm, George.

Pappas, G. N., doing business as Sterolic Salve Company, Atlanta, Ga. Salve. 240,972, renewed Nov. 27, 1948. O. G. Oct. 26. Class 6.

Parker, Ruth F., Memphis, Tenn. Compacts and vanities, etc. 503,363, Oct. 26; Serial No. 515,902, published July 27, 1948. Class 2.

Parkington, J. R., & Co., Ltd., London, England. Port and sherry wines. 241,055, Apr. 17, 1928. Republished Oct. 26. Class 47.

Parkington, J. R., & Co., Ltd., London, England. Muscatel wine. 2,523,325, Feb. 5, 1929. Republished Oct. 26. Class 47.

Parkington, J. R., & Co., Ltd., London, England. Sherry. 335,988, June 23, 1936. Republished Oct. 26. Class 47.

Patek and Co., San Francisco, Calif. Liquid laundry blue. 503,349, Oct. 26; Serial No. 505,916, published July 27, 1948. Class 6.

Patterson, V. S.: *See*—
Malone & Hyde, Inc.

Paulus Bros. Packing Co.: *See*—
King's Food Products Company.
Oregon Growers Cooperative Association.

Paxton & Gallagher Co., Omaha, Nebr. Canned peas. 90,049, Jan. 28, 1913. Republished Oct. 26. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Coffee and tea. 154,655, Apr. 18, 1922. Republished Oct. 26. Class 46.

Paxton & Gallagher Co., Omaha, Nebr. Canned fruits and vegetables. 332,237, Feb. 4, 1936. Republished Oct. 26. Class 46.

Payne, Irene D.: *See*—
Stop-A-Leak Manufacturing Company.

Peavey, F. H., & Company, Minneapolis, Minn. Agricultural seeds. 503,385, Oct. 26; Serial No. 527,249, published July 27, 1948. Class 1.

Penney, J. C., Company, Wilmington, Del., and New York, to J. C. Penney Company, New York, N. Y. Rubber sheeting. 246,535, renewed Sept. 11, 1948. O. G. Oct. 26. Class 50.

Pep Boys, Manny, Moe & Jack, The, Philadelphia, Pa. Vehicle tires and inner tubes. 503,440, Oct. 26; Serial No. 534,670, published July 27, 1948. Class 35.

Pepsol Company, Inc., The: *See*—
Eves, Robert L.

Perfect Circle Co., The, by Perfect Circle Corporation, Hagerstown, Ind. Piston rings. 279,455, Jan. 13, 1931. Republished Oct. 26. Class 35.

Perfect Circle Company, The, by Perfect Circle Corporation, Hagerstown, Ind. Piston rings. 318,806, Nov. 6, 1934. Republished Oct. 26. Class 35.

Perfect Circle Company, The, by Perfect Circle Corporation, Hagerstown, Ind. Piston rings. 319,101, Nov. 13, 1934. Republished Oct. 26. Class 35.

Perfect Circle Company, The, by Perfect Circle Corporation, Hagerstown, Ind. Piston rings. 324,032, May 7, 1935. Republished Oct. 26. Class 35.

Perfect Circle Company, The, by Perfect Circle Corporation, Hagerstown, Ind. Piston rings. 351,628, Nov. 2, 1937. Republished Oct. 26. Class 35.

Perfect Circle Company, The, by Perfect Circle Corporation, Hagerstown, Ind. Trade periodical. 409,402, Oct. 10, 1944. Republished Oct. 26. Class 38.

Perfect Circle Corporation: *See*—
Perfect Circle Co., The.
Perfect Circle Company, The.

Perfection Biscuit Company, Fort Wayne, Ind. Cakes and cookies. 93,903, Oct. 21, 1913. Republished Oct. 26. Class 46.

Perfection Biscuit Company, Fort Wayne, Ind. Biscuits. 173,818, Oct. 2, 1923. Republished Oct. 26. Class 46.

Permacel Aluminum & Bronze Corporation, Waltham, Mass. Non-ferrous metal castings. 503,361, Oct. 26; Serial No. 514,839, published July 13, 1948. Class 14.

Peshastin Fruit Growers Association, Peshastin, Wash. Fresh fruits. 196,417, Mar. 17, 1925. Republished Oct. 26. Class 46.

Pharmaceuticals, Inc.: *See*—
Hull, Foster M.

Philadelphia Quartz Company: *See*—
Calef, Merlin T.

Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 108,917, Mar. 7, 1916. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 111,509, July 18, 1916. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 116,549, May 8, 1917. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 118,571, Sept. 18, 1917. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 124,937, Mar. 25, 1919. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 127,479, Nov. 11, 1919. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 129,525, Feb. 24, 1920. Republished Oct. 26. Class 6.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 138,496, Dec. 28, 1920. Republished Oct. 26. Class 6.
Pierce, S. S., Co., Boston, Mass. Blend of coffee with other ingredients. 58,135, Dec. 4, 1906. Republished Oct. 26. Class 46.
Pine, Morton S., Company, The, Cleveland, Ohio. Liquid detergent used in cleaning. 390,180, Sept. 9, 1941. Republished Oct. 26. Class 4.
Pioneer Suspender Company, Philadelphia, Pa. Wrist watch straps of leather or fabrics and buckles. 503,373, Oct. 26; Serial No. 526,545, published June 22, 1948. Class 40.
Pittsburg Water Heater Company, by The Pittsburg Water Heater Corporation, Pittsburgh, Pa. Gas hot-water heaters. 243,968, July 3, 1928. Republished Oct. 26. Class 34.
Pittsburg Water Heater Corporation, The: *See*—
Pittsburg Water Heater Company.
Pittsburgh Coal Carbonization Company, by Pittsburgh Consolidation Coal Company, Pittsburgh, Pa. Coal and coke. 319,578, Nov. 27, 1934. Republished Oct. 26. Class 1.
Pittsburgh Consolidation Coal Company: *See*—
Pittsburgh Coal Carbonization Company.
Pittsburgh & Midway Coal Mining Co., The, Kansas City, Mo. Semi-anthracite coal. 503,405, Oct. 26; Serial No. 531,242, published July 27, 1948. Class 1.
Pleasant Valley Wine Company, The, Rheims, N. Y. Wine. 50,335, Mar. 13, 1906. Republished Oct. 26. Class 47.
Plough Chemical Company, doing business as The St. Joseph Company, by Plough, Inc., Memphis, Tenn. Medicinal preparation. 235,685, Nov. 22, 1927. Republished Oct. 26. Class 6.
Plough, Inc.: *See*—
Bowers, Orrin C.
Mo-Grow Chemical Co.
Plough Chemical Company.
Point Adams Packing Co., Hammond, Oreg. Canned salmon. 255,529, Apr. 23, 1929. Republished Oct. 26. Class 46.
Point Adams Packing Co., Hammond, Oreg. Canned salmon. 365,728, Mar. 14, 1939. Republished Oct. 26. Class 46.
Polis & Hagan, Edinburg, Tex. Fresh tomatoes and fresh citrus fruits. 405,627, Feb. 8, 1944. Republished Oct. 26. Class 46.
Polis & Hagan, Edinburg, Tex. Fresh tomatoes and fresh citrus fruit. 407,581, June 13, 1944. Republished Oct. 26. Class 46.
Post & Sherman, New York, N. Y. Table-cloths, and coverings. 441,180, Oct. 26; Serial No. 523,801, published July 13, 1948. Class 42.
Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 503,510, Oct. 26; Serial No. 544,106, published July 27, 1948. Class 4.
Protective Packaging Corporation, Newark, N. J. Paper bags and merchandise envelopes. 503,336, Oct. 26; Serial No. 487,438, published Aug. 3, 1948. Class 2.
Pure Oil Company, The, Chicago, Ill. Rubber tires and tubes. 503,386, Oct. 26; Serial No. 527,355, published July 27, 1948. Class 35.
Purex Corporation, Ltd., South Gate, Calif. Powdered cleanser. 503,371, Oct. 26; Serial No. 523,421, published July 27, 1948. Class 4.
Rainier Brewing Company: *See*—
Seattle Brewing and Malting Company.
Raybestos-Manhattan, Inc., Passaic, N. J. Fibrous asbestos sheet material. 503,411, Oct. 26; Serial No. 531,718, published July 27, 1948. Class 1.
Reach, A. J., Company, Philadelphia, Pa., to A. G. Spalding & Bros. Inc., Chicopee, Mass. Baseball score books, basket-ball score books. 245,752, renewed Aug. 21, 1948. O. G. Oct. 26. Class 37.
Red Band Products: *See*—
Houlberg, Herman K.
Reese, Issachar P., doing business as Reese Padlock Company, by Reese Padlock Company, Lancaster, Pa. Padlocks. 294,375, May 24, 1932. Republished Oct. 26. Class 25.
Reese Padlock Company: *See*—
Reese, Issachar P.
Republic Coal & Coke Company, Chicago, Ill. Coal. 218,760, Oct. 5, 1926. Republished Oct. 26. Class 1.
Revere Knitting Mills, Inc., Malden, Mass. Knitted sweaters and hosiery. 227,589, May 10, 1927. Republished Oct. 26. Class 39.
Revere Knitting Mills, Inc., Malden, Mass. Men's and boys' sweaters. 393,555, Feb. 17, 1942. Republished Oct. 26. Class 39.
Revere Knitting Mills, Inc., Malden, Mass. Men's and boys' sportswear. 403,608, Oct. 5, 1943. Republished Oct. 26. Class 39.
Ries, Jacob, by Jacob Ries Bottling Works, Inc., Skakopee, Minn. Carbonated tonic beverages. 54,610, June 26, 1906. Republished Oct. 26. Class 45.
Ries, Jacob, Bottling Works, Inc.: *See*—
Ries, Jacob.
Riverside & Dan River Cotton Mills, Inc.: *See*—
Dan River Mills, Incorporated, assignee.
Roberts, E. D., doing business as Modern Drug Products, Atlanta, Ga. Laxative and antacid. 441,142, Oct. 26; Serial No. 492,858, published July 27, 1948. Class 6.
Rockwell-Barnes Company, Chicago, Ill. Bond paper. 304,484, July 11, 1933. Republished Oct. 26. Class 37.
Rockwell-Barnes Company, Chicago, Ill. Duplicating paper. 312,155, Apr. 17, 1934. Republished Oct. 26. Class 37.
Rockwell-Barnes Company, Chicago, Ill. Note books and blank books. 401,427, May 18, 1943. Republished Oct. 26. Class 37.
Rockwell-Barnes Company, Chicago, Ill. Typewriter paper and file folders. 418,554, Jan. 1, 1946. Republished Oct. 26. Class 37.
Rockwell Manufacturing Company: *See*—
Delta Manufacturing Company.
Delta Manufacturing Company, The.
Roger & Gallet, New York, N. Y. After-shaving lotions. 249,023–5, renewed Nov. 6, 1948. O. G. Oct. 26. Class 6.
Rollings Hosiery Mills, Des Moines, Iowa, by Morganton Full Fashioned Hosiery Company, Morganton, N. C. Hosiery. 238,834, Feb. 14, 1928. Republished Oct. 26. Class 39.
Rosenholz, J., Inc., New York, N. Y. Woven rayon by the piece. 503,474, Oct. 26; Serial No. 538,179, published July 27, 1948. Class 42.
Roundup Grocery Company: *See*—
Roundup Fisheries Company.
Roundup Grocery Company, Spokane, Wash. Canned salmon. 213,493, June 1, 1926. Republished Oct. 26. Class 46.
Roundup Grocery Company, Spokane, Wash. Bluing and ammonia. 215,309, July 13, 1926. Republished Oct. 26. Class 6.
Roundup Fisheries Company, by Roundup Grocery Company, Spokane, Wash. Canned salmon. 123,388, Oct. 29, 1918. Republished Oct. 26. Class 46.
Royal Home Products, Incorporated: *See*—
American Products Company, The.
Royce Chemical Company: *See*—
Neva-Wet Corporation of America, Inc.
Royce Chemical Company, Carlton Hill, N. J. Chemicals adapted for the removal of sizing materials from textile fabrics. 406,682, Apr. 18, 1944. Republished Oct. 26. Class 6.
St. Joseph Company, The: *See*—
Plough Chemical Company.
Samson Cordage Works, Boston, Mass. Braided and twisted cords and twines. 247,579, renewed Oct. 2, 1948. O. G. Oct. 26. Class 7.
Sam-Son Supply Manufacturing Corp., Brooklyn, N. Y. Sanitary belts. 441,143, Oct. 26; Serial No. 495,992, published Sept. 2, 1947. Class 44.
Sanitarium and Hospital Equipment Company, to Battle Creek Equipment Company, Battle Creek, Mich. Electric-arc lamps. 233,179, renewed Sept. 27, 1947. O. G. Oct. 26. Class 44.
Sar-Da Company, Dallas, Tex. Ointment for use in the treatment of scaly skin diseases. 503,511, Oct. 26; Serial No. 544,204, published July 13, 1948. Class 6.
Sarkisian, Ben A., Fresno, Calif. Raisins. 416,348, Sept. 4, 1945. Republished Oct. 26. Class 46.
Schaufler, Ernst, Reutlingen, Germany, by R. B. Semler, Inc., New Canaan, Conn. Hair tonic. 249,390, Nov. 13, 1928. Republished Oct. 26. Class 6.
Schieren, Chas A., Company, New York, N. Y. Belting for power-transmission purposes. 503,413, Oct. 26; Serial No. 531,850, published July 27, 1948. Class 35.
Schranck, H. C., Company, Milwaukee, Wis. Non-intoxicating, non-alcoholic, non-cereal maltless beverages. 184,797, June 3, 1924. Republished Oct. 26. Class 45.
Schuler-O'Connel Grain Co., to E. D. Wilkinson Grain Company, Stockton, Calif. Grain bags. 251,226, renewed Jan. 1, 1949. O. G. Oct. 26. Class 2.
Schulze Baking Company: *See*—
Interstate Bakeries Corporation, assignee.
Schulze Baking Company, to Interstate Bakeries Corporation, Kansas City, Mo. Bread. 88,426, Sept. 17, 1912. New certificate. O. G. Oct. 26. Class 46.
Schulze Baking Company, to Interstate Bakeries Corporation, Kansas City, Mo. Bread and cake. 270,774, May 13, 1930. New certificate. O. G. Oct. 26. Class 46.
Seattle Brewing and Malting Company, Seattle, Wash., by Rainier Brewing Company, San Francisco, Calif. Beer. 101,651, Jan. 5, 1915. Republished Oct. 26. Class 48.

Seeman Brothers, Inc., New York, N. Y. Canned fish. 240,269, Mar. 20, 1928. Republished Oct. 26. Class 46.
Seeman Brothers, Inc., New York, N. Y. Canned fish. 244,877, July 31, 1928. Republished Oct. 26. Class 46.
Seeman Brothers, Inc., New York, N. Y. Certain canned goods as follows; asparagus, beans, cherries, etc. 340,718, Nov. 17, 1936. Republished Oct. 26. Class 46.
Seeman Brothers, Inc., New York, N. Y. Vegetable juices. 393,825, Mar. 3, 1942. Republished Oct. 26. Class 46.
Seeman Brothers, Inc., New York, N. Y. Fruit juices used for beverage purposes. 418,229, Dec. 11, 1945. Republished Oct. 26. Class 45.
Seidlitz Paint & Varnish Co., Kansas City, Mo. Paints in paste or semi-paste form. 503,564, Oct. 26; Serial No. 536,148. Class 16.
Selby, Battersby and Company, Philadelphia, Pa. Materials for plastic and mastic floor coverings. 275,251–2, Sept. 16, 1930. Republished Oct. 26. Class 12.
Selby, Battersby and Company, Philadelphia, Pa. Emulsified asphalt and magnesite materials. 283,153, May 19, 1931. Republished Oct. 26. Class 12.
Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 274,158, Aug. 19, 1930. Republished Oct. 26. Class 39.
Selby Shoe Company, The, Portsmouth, Ohio. Women's shoes. 336,396, July 7, 1936. Republished Oct. 26. Class 39.
Select Sportswear, Inc., New York, N. Y. Knitted sport sweaters and two piece knitted dresses. 355,971, Apr. 5, 1938. Republished Oct. 26. Class 39.
Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sport sweaters and two-piece knitted dresses. 358,287, July 5, 1938. Republished Oct. 26. Class 39.
Select Sportswear, Inc., New York, N. Y. Ladies' and misses' knitted sport sweaters and two-piece knitted dresses. 372,667, Nov. 7, 1939. Republished Oct. 26. Class 39.
Semler, R. B., Inc.: *See*—
Schaufler, Ernst.
Shaffer Manufacturing Company, Wichita, Kans. Shoehorn-like device to aid in donning girdles. 503,552, Oct. 26; Serial No. 519,905. Class 40.
Shander, Benjamin, by Benjamin Shander Incorporated, Philadelphia, Pa. Women's sportswear. 331,288, Dec. 31, 1935. Republished Oct. 26. Class 39.
Shander, Benjamin, Incorporated: *See*—
Shander, Benjamin.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation useful in the treatment of conditions of the vascular system. 503,514, Oct. 26; Serial No. 544,916, published July 13, 1948. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Vitamin preparations. 503,515–16, Oct. 26; Serial Nos. 544,917–18, published July 13, 1948. Class 6.
Sheffield Company, The, doing business as K. T. S. Products Co., New York, N. Y., and New London, Conn. Shaving cream. 330,820, Dec. 17, 1935. Republished Oct. 26. Class 4.
Sheffield Company, The, New London, Conn. Shoe cleaner. 337,622, Aug. 11, 1936. Republished Oct. 26. Class 4.
Sheffield Company, The, New London, Conn. Shaving cream. 371,298, Sept. 19, 1939. Republished Oct. 26. Class 4.
Sherry's Liquor Stores, by J. C. Millett Co., San Francisco, Calif. Wines. 330,463, Dec. 3, 1935. Republished Oct. 26. Class 47.
Sherwin-Williams Company, The, Cleveland, Ohio. Printing inks, lithographing inks, and pigments, etc. 441,186, Oct. 26; Serial No. 524,731, published July 27, 1948. Class 11.
Shlansky, Philip, & Bro., Inc., New York, N. Y. Woolen and worsted fabrics in the piece. 400,187, Feb. 16, 1943. Republished Oct. 26. Class 42.
Silbert, M., & Son, Ltd., Los Angeles, Calif. Women's and misses' coats and suits. 381,009, Sept. 10, 1940. Republished Oct. 26. Class 39.
Skinner Manufacturing Company: *See*—
Anderson-Stolz Pharmaceuticals, Inc.
Sleepmaster Products Company, Inc., Newark, N. J. Sheets, pillow cases, bedspreads, etc. 407,213, May 23, 1944. Republished Oct. 26. Class 42.
Sleepmaster Products Company, Inc., Newark, N. J. Mattresses, bed springs, box springs, etc. 409,026, Sept. 12, 1944. Republished Oct. 26. Class 32.
Smith, Benjamin D., doing business as Smith Manufacturing Company, Utica, N. Y. Insecticides and fly and insect spray. 441,139, Oct. 26; Serial No. 485,371, published Nov. 27, 1945. Class 6.
Smith, E. M., Co., Los Angeles, Calif., by Grizzly Manufacturing Company, Paulding, Ohio. Brake lining. 312,067, Apr. 17, 1934. Republished Oct. 26. Class 35.
Smith, E. M., Co., Los Angeles, Calif., by Grizzly Manufacturing Company, Paulding, Ohio. Brake lining. 382,014, Oct. 15, 1940. Republished Oct. 26. Class 35.
Smith, Olive, assignor, by mesne assignments, to Consolidated Cosmetics, Chicago, Ill., a partnership composed of James and Howard Younghusband. Lipstick, face powder, hand lotion, and perfume. 441,173, Oct. 26; Serial No. 518,915, published Jan. 13, 1948. Class 6.
Smith Manufacturing Company: *See*—
Smith, Benjamin D.
Smucker, J. M., Co., The, Orrville, Ohio. Fruit preserves. 278,826, Dec. 30, 1930. Republished Oct. 26. Class 46.
Societe a Responsabilite Limitee: Laboratoires du "Sanopol," Seine, France. Sachet powders, bath salts and crystals, etc. 441,149, Oct. 26; Serial No. 503,015, published Aug. 3, 1948. Class 6.
Societe Calixte, Paris, France. Perfumes. 503,393, Oct. 26; Serial No. 528,652, published July 20, 1948. Class 6.
Solar Corporation, doing business as Beam Manufacturing Company, Milwaukee, Wis., and Webster City, Iowa. Clothes washing machines. 503,366, Oct. 26; Serial No. 519,104, published Aug. 3, 1948. Class 24.
Sommer & Kaufmann: *See*—
Sommer & Kaufmann, Inc.
Sommer & Kaufmann, Inc., to Sommer & Kaufmann, San Francisco, Calif. Leather and canvas boots and shoes. 68,847, re-renewed Apr. 28, 1948. O. G. Oct. 26. Class 39.
Songer, Harry O., doing business as Songer Plastic Company, Independence, Mo. Cup holding rack made of plastic material. 503,551, Oct. 26; Serial No. 519,143. Class 2.
Songer Plastic Company: *See*—
Songer, Harry O.
South Lake Apopka Citrus Growers Ass'n., Oakland, Fla. Fresh citrus fruits. 189,084, Sept. 9, 1924. Republished Oct. 26. Class 46.
Southern Comfort Corporation: *See*—
Midland Distilleries, Inc.
Southern Sales Service: *See*—
Manchester, Henry H.
Spalding, A. G., & Bros. Inc.: *See*—
Reach, A. J., Company.
Spaulding & Company, Chicago, Ill. Clocks, watches, pocket watches, etc. 441,146, Oct. 26; Serial No. 500,839, published May 18, 1948. Class 27.
Spicer and Company, by The Harrower Laboratory, Inc., Glendale, Calif. Preparation for the treatment of flatulence and nausea and an auxiliary to the assimilation of carbohydrates. 253,554, Feb. 26, 1929. Republished Oct. 26. Class 6.
Spiegel, Inc., Chicago, Ill. Musical string instruments. 503,436, Oct. 26; Serial No. 533,791, published Aug. 3, 1948. Class 36.
Stamper & Kaiser, New York, N. Y., by May McEwan Kaiser Co., Burlington, N. C. Men's, women's, and children's hosiery. 174,273, Oct. 9, 1923. Republished Oct. 26. Class 39.
Stanford Seed Company, Inc., The, Buffalo, N. Y. Seeds. 503,475, Oct. 26; Serial No. 538,323, published July 27, 1948. Class 1.
Stanford Seed Company, Inc., The, Buffalo, N. Y. Farm, garden, and flower seeds. 503,482, Oct. 26; Serial No. 538,569, published Aug. 3, 1948. Class 1.
Stanley Manufacturing Co., Inc., The, Denver, Colo. Comforters and quilts. 503,449, Oct. 26; Serial No. 535,357, published July 20, 1948. Class 42.
Stanley Manufacturing Co., Inc., The, Denver, Colo. Mattress pads and table pads. 503,450, Oct. 26; Serial No. 535,358, published July 20, 1948. Class 42.
Stardust, Incorporated: *See*—
Chipman's, Chas., Sons Co. Inc.
Industrial Undergarment Corporation.
Stationers' Guild of America: *See*—
Guild Products Corporation.
Stationers' Guild of America, Philadelphia, Pa. Typewriter keys, scissors, and shears. 421,737, June 18, 1946. Republished Oct. 26. Class 23.
Stauffer Chemical Company, San Francisco, Calif. Aluminum chloride, aluminum sulphate, ammonia alum, etc. 503,418, Oct. 26; Serial No. 532,361, published July 6, 1948. Class 6.
Sta-wax Products Company: *See*—
Goodman, Lee.
Stayton Canning Co. Co-operative, Stayton, Oreg. Canned vegetables. 503,459, Oct. 26; Serial No. 536,306, published July 27, 1948. Class 46.
Stearns, Frederick, & Company, Detroit, Mich., to Winthrop-Stearns Inc., New York, N. Y. Local anesthetic. 249,700, renewed Nov. 20, 1948. O. G. Oct. 26. Class 6.
Steele-Wedeles Company, Chicago, Ill. Canned fruits, canned vegetables, canned salmon, etc. 107,022, Nov. 9, 1915. Republished Oct. 26. Class 46.
Steele-Wedeles Company, Chicago, Ill. Canned and salted fish, canned vegetables, dried vegetables, canned fruits, etc. 171,139, July 31, 1923. Republished Oct. 26. Class 46.
Steele-Wedeles Company, Chicago, Ill. Coffee. 285,842, Aug. 11, 1931. Republished Oct. 26. Class 46.
Steele-Wedeles Company, Chicago, Ill. Coffee. 375,681, Feb. 27, 1940. Republished Oct. 26. Class 46.
Sterling Biscuit Company, Boston, Mass., to National Biscuit Company, New York, N. Y. Dog-biscuits. 72,501, re-renewed Jan. 26, 1949. O. G. Oct. 26. Class 46.
Sterolic Salve Company: *See*—
Pappas, G. N.
Stewart, Fred P., doing business as E-Z Cleaning Products, assignor to M. W. Bonfoey, Miami Beach, Fla. Concentrated cleaning product. 503,406, Oct. 26; Serial No. 531,538, published July 27, 1948. Class 4.

Stiefel Medicinal Soap Company, Inc., Preston Hollow, N. Y. Medicinal and toilet soaps. 503,427, Oct. 26; Serial No. 532,655, published July 27, 1948. Class 4.
Stifel, J. L., & Sons, Inc., Wheeling, W. Va. Draperies and window curtains. 503,465, Oct. 26; Serial No. 537,093, published July 20, 1948. Class 42.
Stop-A-Leak Manufacturing Company, Los Angeles, to I. D. Payne, Pasadena, Calif. Puncture cures. 236,169, renewed Dec. 6, 1947. O. G. Oct. 26. Classes 5 and 35.
Storms Rabbitry, Kansas City, Kans. Live rabbits. 503,537, Oct. 26; Serial No. 502,033. Class 1.
Stuckeman, Campbell H., assignee: *See*—
Delta Manufacturing Company, The.
Sun Chemical Corporation, New York, N. Y. Printing ink. 503,524–6, Oct. 26; Serial Nos. 547,166–8, published Aug. 3, 1948. Class 11.
Sun Chemical Corporation, New York, N. Y. Printing ink. 503,527–8, Oct. 26; Serial Nos. 547,170–1, published Aug. 3, 1948. Class 11.
Sun Chemical Corporation, New York, N. Y. Printing ink. 503,529, Oct. 26; Serial No. 547,178, published Aug. 3, 1948. Class 11.
Syndicate-Arkwright Trading Co., Inc.: *See*—
Syndicate Trading Company.
Syndicate Trading Company, to Syndicate-Arkwright Trading Co., Inc., New York, N. Y. Pearls. 252,759, renewed Feb. 12, 1949. O. G. Oct. 26. Class 28.
Tanglefoot Company, The, Grand Rapids, Mich. Electrically heated atomizer. 428,532, Mar. 25, 1947. Republished Oct. 26. Class 21.
Tennessee Copper & Chemical Corporation, The, Lockland, Ohio, and New York, N. Y., by Tennessee Corporation, New York, N. Y., and Atlanta, Ga. Fertilizers and plant food. 238,331, Feb. 7, 1928. Republished Oct. 26. Class 10.
Tennessee Corporation: *See*—
Tennessee Copper & Chemical Corporation, The.
Tennessee Fresh Frozen Foods, Inc., Portland, Tenn. Frozen fresh peaches, blackberries, raspberries etc. 441,141, Oct. 26; Serial No. 490,552, published July 27, 1948. Class 46.
Thomas, Field & Company, Charleston, W. Va. Hosiery. 245,224, renewed Aug. 7, 1948. O. G. Oct. 26. Class 39.
Thomas, I. P., & Son Company, Camden, N. J. Fertilizers. 503,434, Oct. 26; Serial No. 533,644, published July 13, 1948. Class 10.
Thompson, Horace, doing business as Gokey Company, by Gokey Company, Inc., St. Paul, Minn. Leather sporting boots. 307,315, Oct. 24, 1933. Republished Oct. 26. Class 39.
Thompson, Royce A., Santa Monica, Calif. Medicine. 343,922, Mar. 9, 1937. Canceled Oct. 1, 1948. O. G. Oct. 26. Class 6.
Thrifty Co.: *See*—
Marcalus Manufacturing Company, Inc.
Timesaver Products Company, Seattle, Wash. Lapping compound. 503,428–9, Oct. 26; Serial No. 532,971–2, published July 13, 1948. Class 4.
Tinkler, Walter E.: *See*—
Merz, John P.
Tirey Hardin: *See*—
Goodman, Lee.
Tobin Packing Co., Inc.: *See*—
Albany Packing Co., Inc.
Todd, E. M., Co., by E. M. Todd Company, Inc., Richmond, Va. Hams and bacon. 184,702, May 27, 1924. Republished Oct. 26. Class 46.
Todd, E. M., Company, Inc.: *See*—
Todd, E. M., Co.
Tower Co., Inc., The, Seattle, Wash. Cast and splint forming fabric material. 503,369, Oct. 26; Serial No. 522,316, published July 27, 1948. Class 44.
Trianon Publications, Detroit, Mich. Mechanically grooved phonograph records. 441,175, Oct. 26; Serial No. 521,225, published Aug. 3, 1948. Class 36.
Trimfoot Company: *See*—
Wizard Lightfoot Appliance Company.
Truitt Brothers Incorporated, Binghamton, N. Y. Children's high and low shoes. 232,715, Sept. 13, 1927. Republished Oct. 26. Class 39.
Ubiko Milling Company, The, St. Bernard, Ohio. Dairy ration. 132,059, June 8, 1920. Republished Oct. 26. Class 46.
Ubiko Milling Company, The, St. Bernard, Ohio. Dairy ration. 160,032, Oct. 10, 1922. Republished Oct. 26. Class 46.
Ubiko Milling Company, The, St. Bernard, Ohio. Stock and poultry foods. 177,022, Dec. 11, 1923. Republished Oct. 26. Class 46.
Ubiko Milling Company, The, St. Bernard, Ohio. Mixed feed for livestock and poultry. 322,578–9, Mar. 12, 1935. Republished Oct. 26. Class 46.
Underwood Corporation, New York, N. Y. Typewriter ribbon and carbon paper. 503,342, Oct. 26; Serial No. 497,513, published July 27, 1948. Class 11.
Union Carbide and Carbon Corporation, New York, N. Y. Wax. 503,483, Oct. 26; Serial No. 538,829, published Aug. 3, 1948. Class 1.
United Chemical Company: *See*—
Bray, Philip E.
United States Metals Refining Company, Carteret, N. J., by The American Metal Company (Limited), New York, N. Y. Wire bars, bars, ingot bars, etc. 215,548, July 20, 1926. Republished Oct. 26. Class 14.
United Wallpaper, Inc., Chicago, Ill. Paper draperies. 503,556, Oct. 26; Serial No. 528,663. Class 37.
Universal-Cyclops Steel Corporation: *See*—
Cyclops Steel Company, Inc.
Universal Dental Company, Philadelphia, Pa. Artificial teeth. 247,437, renewed Sept. 25, 1948. O. G. Oct. 26. Class 44.
Universal Vendors Corporation, Columbus, Ohio, by The Vendo Company, Kansas City, Mo. Vending machines. 379,142, July 2, 1940. Republished Oct. 26. Class 23.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. 503,517, Oct. 26; Serial No. 545,412, published Aug. 3, 1948. Class 6.
Uxbridge Worsted Co., Inc., Uxbridge, Mass., now by merger Bachmann Uxbridge Worsted Corporation. Textile fabrics in the piece of wool, worsted, cotton, rayon, etc. 503,447, Oct. 26; Serial No. 535,202, published July 27, 1948. Class 42.
Vaiana, Frank, Alhambra, Calif. Wash cloths. 503,541, Oct. 26; Serial No. 509,479. Class 42.
Valway Mills: *See*—
Hillside Cotton Mills.
Vanadium-Alloys Steel Company, Latrobe, Pa. Tool steel. 503,339, Oct. 26; Serial No. 495,528, published July 13, 1948. Class 14.
Vanity Shoes, Philadelphia, Pa. Men's, women's, and children's shoes. 413,989, May 22, 1945. Canceled Sept. 24, 1948. O. G. Oct. 26. Class 39.
Vendo Company, The: *See*—
Universal Vendors Corporation.
Venice Maid Co., Inc., Vineland, N. J. Spaghetti sauce, canned tomatoes, canned string beans, etc. 342,139, Jan. 5, 1937. Republished Oct. 26. Class 46.
Venice Maid Co., Inc., Vineland, N. J. Spaghetti sauce. 348,580, Aug. 3, 1937. Republished Oct. 26. Class 46.
Vick's, James, Seeds, Inc., Philadelphia, Pa. Vegetables and flower seeds, bulbs, etc. 441,179, Oct. 26; Serial No. 523,631, published July 27, 1948. Class 1.
Visking Corporation, The, Chicago, Ill. Thin film made of plastic. 503,347, Oct. 26; Serial No. 504,650, published July 27, 1948. Class 42.
Vitamineral Products Company: *See*—
Casey, Paul S.
Vitaminerals, Inc., Los Angeles, Calif. Nasal dilator, nebulizer, prostatic dilator and rectal dilator. 503,388, Oct. 26; Serial No. 527,631, published July 27, 1948. Class 44.
Vitaminerals, Inc., Los Angeles, Calif. Nasal dilator, nebulizer, prostatic dilator and rectal dilator. 503,389, Oct. 26; Serial No. 527,723, published July 27, 1948. Class 44.
Voss Cutlery Company, Inc., New York, N. Y. Nail and cuticle nippers. 441,174, Oct. 26; Serial No. 520,987, published July 27, 1948. Class 44.
Walters, Sylvia, St. Louis, Mo. All purpose hair preparation. 427,495, Feb. 11, 1947. Republished Oct. 26. Class 6.
Wamsutta Mills, New Bedford, Mass. Shirtings. 72,464, re-renewed Jan. 26, 1949. O. G. Oct. 26. Class 42.
Wanner, C. A., Inc.: *See*—
Wanner, Charles A.
Wanner, Charles A., by C. A. Wanner, Inc., Fleetwood, Pa. Hosiery. 124,904, Mar. 18, 1919. Republished Oct. 26. Class 39.
Ward Leonard Electric Company, Mount Vernon, N. Y. Electric rheostats, electric illumination control apparatus. 433,014, Sept. 23, 1947. Republished Oct. 26. Class 21.
Warren Co., Inc., The, Atlanta, Ga. Commercial display refrigerators. 503,548, Oct. 26; Serial No. 516,926. Class 31.
Warren Fabrics Co., Inc., New York, N. Y. Knitted wool fleece piece goods. 441,183, Oct. 26; Serial No. 524,222, published July 27, 1948. Class 42.
Warren Featherbone Co., The, Three Oaks, Mich. Rayon and silk ribbons, metallic ribbon, and wide elastic. 503,498, Oct. 26; Serial No. 542,197, published July 20, 1948. Class 42.
Washington Dehydrated Food Co., Yakima, Wash. Dehydrated apples. 170,508, July 17, 1923. Republished Oct. 26. Class 46.
Washington Dehydrated Food Co., Yakima, Wash. Evaporated apples. 280,708, Feb. 24, 1931. Republished Oct. 26. Class 46.
Wasserman, Rene D., doing business as Eutectic Welding Alloys Company, by Eutectic Welding Alloys Corporation, New York, N. Y. Metallic welding, brazing, and soldering alloys. 413,659, May 8, 1945. Republished Oct. 26. Class 14.
Watson, J. C., Company, Parma, Idaho. Fresh deciduous fruits and vegetables. 331,050, Dec. 24, 1935. Republished Oct. 26. Class 46.
Waukegan Chemical Company, North Chicago, Ill., by Atlas Powder Company, Wilmington, Del. Lacquers and lacquer enamels. 196,874, Mar. 31, 1925. Republished Oct. 26. Class 16.
Wellington Sears Company, New York, N. Y. Rayon piece goods treated to minimize shrinkage. 503,560, Oct. 26; Serial No. 532,075. Class 42.
Wells Lamont Corporation: *See*—
Wells-Lamont Manufacturing Company.

Wells-Lamont Manufacturing Company, Minneapolis, Minn., by Wells Lamont Corporation, Chicago, Ill. Leather and fabric gloves. 129,562, Feb. 24, 1920. Republished Oct. 26. Class 39.
West Disinfecting Company: *See*—
Lano Company.
Western Garment Company: *See*—
Cardais Cloak Company.
Western Oregon Packing Corporation, Corvallis, Oreg. Canned fruits, berries, and vegetables. 400,727, Mar. 30, 1943. Republished Oct. 26. Class 46.
Weyerhaeuser Timber Company, Tacoma, Wash. Comminuted bark of trees. 503,448, Oct. 26; Serial No. 535,287, published July 13, 1948. Class 10.
Whitehead Brothers Company, New York, N. Y. Foundry supplies. 503,345, Oct. 26; Serial No. 502,050, published July 27, 1948. Class 5.
Whitehead Brothers Company, New York, N. Y. Foundry supplies. 503,362, Oct. 26; Serial No. 515,209, published July 27, 1948. Class 1.
White Villa Grocers, Inc.: *See*—
Cincinnati Wholesale Grocery Company, The.
Whitmoyer Laboratories, Inc., Myerstown, Pa. Composition having medicinal properties. 503,486, Oct. 26; Serial No. 539,463, published July 27, 1948. Class 6.
Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. 503,407, Oct. 26; Serial No. 531,561, published July 27, 1948. Class 42.
Whittemore Bros. Corp., Cambridge, Mass. Cleaning preparation and white dressing, etc. 503,460, Oct. 26; Serial No. 536,475, published July 27, 1948. Class 4.
Wilbur & Williams Company, The, Boston, Mass. Ready-mixed paints and paint enamels. 409,581, Oct. 10, 1944. Republished Oct. 26. Class 16.
Wilbur & Williams Company, The, Boston, Mass. Ready-mixed paints and paint enamels. 409,721, Oct. 17, 1944. Republished Oct. 26. Class 16.
Wilbur & Williams Company, The, Boston, Mass. Ready-mixed paints, rust inhibiting paints, paste paints, etc. 420,602, Apr. 23, 1946. Republished Oct. 26. Class 16.
Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings and piston ring expanders. 503,387, Oct. 26; Serial No. 527,575, published Aug. 3, 1948. Class 35.
Wilkinson, E. D., Grain Company: *See*—
Schuler-O'Connel Grain Co.
Willey, R. F., doing business as Georgie Porgie Company, Council Bluffs, Iowa. Cereal breakfast foods and popcorn in its natural state. 424,921, Oct. 29, 1946. Republished Oct. 26. Class 46.
Willhelm, A., Company, The: *See*—
Glidden Company, The.
Williamson Candy Co., Chicago, Ill. Candy. 152,550. Feb. 28, 1922. Republished Oct. 26. Class 46.
Williamson Candy Company, Chicago, Ill. Candy confection. 224,744, Mar. 1, 1927. Republished Oct. 26. Class 46.
Williamson Candy Company, Chicago, Ill. Candy. 317,932, Oct. 9, 1934. Republished Oct. 26. Class 46.
Williamson Candy Company, Chicago, Ill. Candy. 362,041, Nov. 8, 1938. Republished Oct. 26. Class 46.
Williamson Candy Company, Chicago, Ill. Candy. 372,829, Nov. 14, 1939. Republished Oct. 26. Class 46.
Wilshire Oil Company, Inc., Los Angeles, Calif. Gasoline, engine distillate, furnace distillate, etc. 164,498, Feb. 20, 1923. Republished Oct. 26. Class 15.
Wilshire Oil Company, Inc., Los Angeles, Calif. Petroleum products. 194,001, Jan. 13, 1925. Republished Oct. 26. Class 15.
Wilshirt Oil Company, Inc., Los Angeles, Calif. Gasoline, kerosene, distillate, etc. 290,070, Dec. 22, 1931. Republished Oct. 26. Class 15.
Wilshire Oil Company, Inc., Los Angeles, Calif. Gasoline. 384,487, Jan. 21, 1941. Republished Oct. 26. Class 15.
Wilson, Albert A., doing business as Komfort Mfg. Co., Minneapolis, Minn., to E. A. Laboratories, Inc., Brooklyn, N. Y. Automobile heaters. 246,121, renewed Sept. 4, 1948. O. G. Oct. 26. Class 19.
Wilson, Grant, Incorporated, Chicago, Ill. Thermal and sound insulating and fireproofing felt. 353,122, Dec. 28, 1937. Republished Oct. 26. Class 12.
Wilson Rubber Company, The, Canton, Ohio. Rubber gloves. 287,094, Sept. 15, 1931. Republished Oct. 26. Class 44.
Wilson Rubber Company, The, Canton, Ohio. Rubber gloves. 325,143, June 11, 1935. Republished Oct. 26. Class 39.
Wilson Rubber Company, The, Canton, Ohio. Rubber gloves. 338,691, Sept. 15, 1936. Republished Oct. 26. Class 44.
Winslow Boiler & Engineering Co., by Kleen-Heet, Inc., Chicago, Ill. Heat generating plants. 169,146, June 12, 1923. Republished Oct. 26. Class 34.
Winthrop-Stearns Inc.: *See*—
Stearns, Frederick, & Company.
Wizard Lightfoot Appliance Company, St. Louis, by Trimfoot Company, Farmington, Mo. Arch supports, heel levelers, heel rests, etc. 206,483, Dec. 1, 1925. Republished Oct. 26. Class 44.
Wizard Lightfoot Appliance Company, St. Louis, by Trimfoot Company, Farmington, Mo. Men's, women's, and children's shoes. 210,581, Mar. 16, 1926. Republished Oct. 26. Class 39.
Woolsey, C. A., Paint & Color Company, Jersey City, N. J., to C. A. Woolsey Paint & Color Co. Inc., New York, N. Y. Paint. 69,989, re-renewed July 21, 1948. O. G. Oct. 26. Class 16.
Woolsey, C. A., Paint & Color Co. Inc.: *See*—
Woolsey, C. A., Paint & Color Company.
Wright Aeronautical Corporation, Paterson, to Wright Aeronautical Corporation, Wood-Ridge, N. J. Internal-combustion engines. 245,676, renewed Aug. 21, 1948. O. G. Oct. 26. Class 23.
Wurm Brothers Company, Chicago, Ill. Canned-fruits, preserved fruit, dried fruit, etc. 243,926, July 3, 1928. Republished Oct. 26. Class 46.
Wyandotte Chemicals Corporation, Wyandotte, Mich. Lower molecular weight di-alkylene glycols and mixtures thereof. 503,370, Oct. 26; Serial No. 523,124, published Aug. 3, 1948. Class 6.
Yakima County Horticultural Union, Yakima, Wash. Second quality of fresh deciduous fruits, apples, and pears. 98,030, June 30, 1914. Republished Oct. 26. Class 46.
Young, Richard, Company, New York, N. Y. Leather. 503,478, Oct. 26; Serial No. 538,483, published Aug. 3, 1948. Class 1.
Young, W. F., Inc.: *See*—
Young, Wilbur F.
Young, Wilbur F., by W. F. Young, Inc., Springfield, Mass. Liniments and embrocations. 49,322, Jan. 30, 1906. Republished Oct. 26. Class 6.
Zanol Products Company: *See*—
American Products Company, The.
Zapon Company, The: *See*—
Celluloid Zapon Company.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Asbestos sheet material, Fibrous. Raybestos-Manhattan, Inc. 503,411, Oct. 26; Serial No. 531,718, published July 27, 1948.
Clays. American Colloid Company. 503,402, Oct. 26; Serial No. 530,702, published Aug. 3, 1948.
Coal. Cherokee Coal Company. 503,512, Oct. 26; Serial No. 544,649, published July 27, 1948.
Coal. Eastern Gas and Fuel Associates. 503,479, Oct. 26; Serial No. 538,502, published Aug. 3, 1948.
Coal. Eastern Gas and Fuel Associates. 503,480, Oct. 26; Serial No. 538,504, published Aug. 3, 1948.
Coal. Old Ben Coal Corporation. 503,410, Oct. 26; Serial No. 531,705, published Aug. 3, 1948.
Coal. Republic Coal & Coke Company. 218,760, Oct. 5, 1926. Republished Oct. 26.
Coal and coke. Pittsburgh Coal Carbonization Company. 319,578, Nov. 27, 1934. Republished Oct. 26.
Coal, Semi-anthracite. Pittsburgh & Midway Coal Mining Co. 503,405, Oct. 26; Serial No. 531,242, published July 27, 1948.
Condensation product, Laminated phenolic. Diamond State Fibre Company. 179,667, Feb. 12, 1924. Republished Oct. 26.
Foundry supplies. Whitehead Brothers Company. 503,362, Oct. 26; Serial No. 515,209, published July 27, 1948.
Latex, with or without added compounding and conditioning ingredients. American Anode Inc. 441,148, Oct. 26; Serial No. 502,783, published June 1, 1948.
Leather. Beudenkopf Leather Company, Inc. 503,419, Oct. 26; Serial No. 532,424, published July 27, 1948.
Leather. Hiteman Leather Company, Inc. 503,444, Oct. 26; Serial No. 534,892, published Aug. 3, 1948.
Leather. Monarch Leather Company. 503,344, Oct. 26; Serial No. 500,626, published Aug. 3, 1948.
Leather. Richard Young Company. 503,478, Oct. 26; Serial No. 538,483, published Aug. 3, 1948.
Leather, Welting. McAdoo & Allen Welting Co. 236,137, Dec. 6, 1927. Republished Oct. 26.
Mica plate, Built-up. Continental-Diamond Fibre Company. 408,167, July 25, 1944. Republished Oct. 26.

Mixtures containing and consisting of organosilicon polymers, etc. Dow Corning Corporation. 441,162, Oct. 26; Serial No. 508,587, published July 27, 1948.
Molding compounds, Fusible resinous plastic. B. F. Goodrich Company. 441,167, Oct. 26; Serial No. 511,810, published Aug. 3, 1948.
Peat moss. Bord Na Mona. 503,472, Oct. 26; Serial No. 538,024, published July 27, 1948.
Pigskin. Edgar S. Kiefer Tanning Company. 252,127, renewed Jan. 22, 1949. O. G. Oct. 26.
Rabbits, Live. Storms Rabbitry. 503,537, Oct. 26; Serial No. 502,033.
Resin composition, Liquid water soluble, polymerizable phenolic casting. Calresin Corporation. 441,172, Oct. 26; Serial No. 517,959, published June 15, 1948.
Resinous products, Laminated synthetic. Continental-Diamond Fibre Company. 316,624, Aug. 28, 1934. Republished Oct. 26.
Resinous products, Laminated synthetic. Continental-Diamond Fibre Company. 338,731, Sept. 15, 1936. Republished Oct. 26.
Resinous products, Synthetic. Continental-Diamond Fibre Company. 367,279, May 9, 1939. Republished Oct. 26.
Seed corn. W. R. Griffith. 503,550, Oct. 26; Serial No. 518,219.
Seeds. Cypress Land Farms Company. 503,477, Oct. 26; Serial No. 538,375, published July 27, 1948.
Seeds. Stanford Seed Company, Inc. 503,475, Oct. 26; Serial No. 538,323, published July 27, 1948.
Seeds, Agricultural. F. H. Peavey & Company. 503,385, Oct. 26; Serial No. 527,249, published July 27, 1948.
Seeds, bulbs, etc., Vegetable and flower. James Vick's Seeds, Inc. 441,179, Oct. 26; Serial No. 523,631, published July 27, 1948.
Seeds, Farm, garden, and flower. Stanford Seed Company, Inc. 503,482, Oct. 26; Serial No. 538,569, published Aug. 3, 1948.
Sponges, H. K. Houlberg. 503,356, Oct. 26; Serial No. 511,816, published Aug. 3, 1948.
Wax. Union Carbide and Carbon Corporation. 503,483, Oct. 26; Serial No. 538,829, published Aug. 3, 1948.
Wood, Specially ground or comminuted. Pacific Lumber Company. 441,159, Oct. 26; Serial No. 506,544, published Sept. 23, 1947.

CLASS 2

Bags and merchandise envelopes, Paper. Protective Packaging Corporation. 503,336, Oct. 26; Serial No. 487,438, published Aug. 3, 1948.
Bags and sacks, Fabric. Bemis Bro. Bag Company. 503,378, Oct. 26; Serial No. 526,843, published July 27, 1948.
Bags, Combination fabric and paper. Bemis Bro. Bag Company. 503,379, Oct. 26; Serial No. 526,849, published July 27, 1948.
Bags, Cotton, burlap, and paper. Bemis Bro. Bag Company. 503,382, Oct. 26; Serial No. 526,859, published July 27, 1948.
Bags, Grain. Schuler-O'Connel Grain Co. 251,226, renewed Jan. 1, 1949. O. G. Oct. 26.
Bags, Open-mesh. Bemis Bro. Bag Company. 503,381, Oct. 26; Serial No. 526,853, published July 27, 1948.
Bags, Open-mesh. Bemis Bro. Bag Company. 503,383, Oct. 26; Serial No. 526,870, published July 27, 1948.
Baskets, Waste, desk trays, and cash boxes. Guild Products Corporation. 163,332, Jan. 9, 1923. Republished Oct. 26.
Boxes, Hat, garment bags, and refrigerator bags, etc. Household Paper Products Co. 441,153, Oct. 26; Serial No. 504,769, published Jan. 6, 1946.
Bucket, Plastic. Brrr, Inc. 503,398, Oct. 26; Serial No. 530,164, published Aug. 3, 1948.
Cabinets, chests, and boxes, Paper and cardboard. Decorative Cabinet Corp. 305,208, Aug. 8, 1933. Republished Oct. 26.
Cabinets, Food storage. S. Knapp. 503,546, Oct. 26; Serial No. 516,139.
Cartons, Egg. Empire Box Corporation. 503,350, Oct. 26; Serial No. 506,019, published July 27, 1948.
Cases, Metal. Airvans, Inc. 503,338, Oct. 26; Serial No. 493,239, published July 27, 1948.
Compacts and vanities, etc. R. F. Parker. 503,363, Oct. 26; Serial No. 515,902, published July 27, 1948.
Rack made of plastic material, Cup holding. H. O. Songer. 503,551, Oct. 26; Serial No. 519,143.
Receptacles, namely, paper cartons, boxes, and bags. Frank D. Palmer, Inc. 503,367, Oct. 26; Serial No. 520,646, published Aug. 3, 1948.
Sacks, Woven. Bemis Bro. Bag Company. 503,380, Oct. 26; Serial No. 526,852, published July 27, 1948.
Trays, Plastic. Bergdorf & Goodman Co. 421,786, June 18, 1946. Canceled Sept. 24, 1948. O. G. Oct. 26.
Vaults, Burial. American Vault Company, Inc. 503,425, Oct. 26; Serial No. 532,542, published July 27, 1948.

CLASS 3

Handbags. Julius Garfinckel & Co., Incorporated. 386,043, Mar. 25, 1941. Republished Oct. 26.
Handbags, Ladies' Leather. Embassy Plastic Products, Inc. 503,533, Oct. 26; Serial No. 547,840, published Aug. 3, 1948.

CLASS 4

Abrasives, Natural and artificial. Durex Abrasives Corporation. 503,492, Oct. 26; Serial No. 541,818, published Aug. 3, 1948.
Antifogging preparation. Factrilab Incorporated. 503,494, Oct. 26; Serial No. 541,925, published July 27, 1948.
Chemical compound used as a cleaner and detergent. A. J. Luth. 441,171, Oct. 26; Serial No. 517,373, published July 13, 1948.
Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 503,510, Oct. 26; Serial No. 544,106, published July 27, 1948.
Cleaner, Shoe. Sheffield Company. 337,622, Aug. 11, 1936. Republished Oct. 26.
Cleaner, Upholstery, metal cleaner, rug cleaner, etc. Boyle-Midway Inc. 503,488, Oct. 26; Serial No. 539,935, published July 27, 1948.
Cleaner with incidental water softening properties. Los Angeles Soap Company. 503,404, Oct. 26; Serial No. 530,743, published July 27, 1948.
Cleaning, polishing and buffing preparation. Matchless Metal Polish Co. 503,359, Oct. 26; Serial No. 514,767, published July 27, 1948.
Cleaning preparation and white dressing, etc. Whittemore Bros. Corp. 503,460, Oct. 26; Serial No. 536,475, published July 27, 1948.
Cleaning product, Concentrated. F. P. Stewart. 503,406, Oct. 26; Serial No. 531,538, published July 27, 1948.
Cleanser, Powdered. Purex Corporation, Ltd. 503,371, Oct. 26; Serial No. 523,421, published July 27, 1948.
Cleanser preparation, Hand. North Products Corporation. 503,495, Oct. 26; Serial No. 541,954, published July 27, 1948.
Cleanser, Skin. G. Furnholm. 441,152, Oct. 26; Serial No. 504,669, published July 27, 1948.
Cleansing compound, Granulated chemical. Oakley Chemical Co. 80,287, Nov. 29, 1910. Republished Oct. 26.
Cleansing compound, Granulated chemical. Oakley Chemical Co. 80,673, Jan. 17, 1911. Republished Oct. 26.
Cleansing compound, Granulated chemical. Oakley Chemical Company. 127,103, Oct. 21, 1919. Republished Oct. 26.
Cleansing compounds, Granulated chemical. Oakley Chemical Co. 134,754, Sept. 14, 1920. Republished Oct. 26.
Cream, Shaving. Sheffield Company. 330,820, Dec. 17, 1935. Republished Oct. 26.
Cream, Shaving. Sheffield Company. 371,298, Sept. 19, 1939. Republished Oct. 26.
Detergent preparation in granular form. Central States Laboratories. 441,165, Oct. 26; Serial No. 510,879, published Sept. 16, 1947.
Detergent used in cleaning, Liquid. Morton S. Pine Company. 390,180, Sept. 9, 1941. Republished Oct. 26.
Lapping compound. Timesaver Products Company. 503,428–9, Oct. 26; Serial Nos. 532,971–2, published July 13, 1948.
Polish, Stove. Boyle-Midway, Inc. 503,471, Oct. 26; Serial No. 537,973, published July 27, 1948.
Polishing and buffing compound. Reed E. Burns Mfg. Corporation. 503,368, Oct. 26; Serial No. 520,768, published July 27, 1948.
Powder, Washing. Los Angeles Soap Company. 151,855, Feb. 14, 1922. Republished Oct. 26.
Sal soda, bicarbonate of soda, and baking soda. Church & Dwight Co., Inc. 503,376, Oct. 26; Serial No. 526,759, published July 27, 1948.
Soap. Cook Coffee Company. 503,476, Oct. 26; Serial No. 538,373, published July 27, 1948.
Soap. Essential Chemicals Co. 503,461, Oct. 26; Serial No. 536,682, published July 13, 1948.
Soap. Johnston, Holloway & Co., Inc. 503,455, Oct. 26; Serial No. 535,536, published July 27, 1948.
Soap. Los Angeles Soap Co. 27,965, Mar. 17, 1896. Republished Oct. 26.
Soap. Los Angeles Soap Company. 110,319, May 16, 1916. Republished Oct. 26.
Soap. Los Angeles Soap Company. 188,825, Sept. 2, 1924. Republished Oct. 26.
Soap. Los Angeles Soap Company. 195,245, Feb. 17, 1925. Republished Oct. 26.
Soap. Los Angeles Soap Company. 306,805, Sept. 26, 1933. Republished Oct. 26.
Soap. Oakley Chemical Co. 135,502, Oct. 12, 1920. Republished Oct. 26.
Soap, Beauty. Los Angeles Soap Company. 324,911, June 4, 1935. Republished Oct. 26.
Soap, Flaked and powdered. Los Angeles Soap Company. 229,360, June 28, 1927. Republished Oct. 26.
Soap, Hand, bath soap, shaving soap bowl, etc. Mark Cross Company. 503,354, Oct. 26; Serial No. 510,186, published July 27, 1948.
Soap, Powdered hand. Lano Company. 377,736, May 14, 1940. Republished Oct. 26.
Soap, Toilet. Los Angeles Soap Company. 153,233, Mar. 14, 1922. Republished Oct. 26.
Soap, Toilet. Los Angeles Soap Company. 297,544, Sept. 20, 1932. Republished Oct. 26.
Soap, Toilet. Los Angeles Soap Company. 383,047, Nov. 19, 1940. Republished Oct. 26.
Soap, Toilet. Los Angeles Soap Company. 376,061, Mar. 12, 1940. Republished Oct. 26.
Soap, Toilet, granulated soap, shaving cream, etc. Los Angeles Soap Company. 332,402, Feb. 11, 1936. Republished Oct. 26.

Soaps. Los Angeles Soap Company. 293,015–16, Apr. 5, 1932. Republished Oct. 26.
Soaps and shaving creams, Toilet. New York Make-Up Corporation. 503,493, Oct. 26; Serial No. 541,876, published July 27, 1948.
Soaps, Medicinal and toilet. Stiefel Medicinal Soap Company, Inc. 503,427, Oct. 26; Serial No. 532,655, published July 27, 1948.

CLASS 5

Adhesive, Heavy paste consistency waterproof. Goodloe E. Moore Company. 441,187, Oct. 26; Serial No. 524,807, published July 27, 1948.
Cement for general adhesive purposes, Liquid resin-base. National Starch Products, Inc. 503,374, Oct. 26; Serial No. 526,589, published July 27, 1948.
Cement, Household. Morton Manufacturing Corporation. 503,351, Oct. 26; Serial No. 506,187, published July 27, 1948.
Cements, Adhesive shoe. Maas & Waldstein Co. 421,781, June 18, 1946. Republished Oct. 26.
Cements containing natural or synthetic rubber, Adhesive. Adhesive Products Corporation. 441,178, Oct. 26; Serial No. 523,558, published July 27, 1948.
Derivative for bonding rubber to metal, Rubber. Marbon Corporation. 375,564, Feb. 20, 1940. Republished Oct. 26.
Foundry supplies. Whitehead Brothers Company. 503,345, Oct. 26; Serial No. 502,050, published July 27, 1948.
Glue, Stick, liquid cement. Delta Manufacturing Company. 421,180, May 21, 1946. Republished Oct. 26.
Isinglass, Adhesive. Cape Ann Isinglass Company. 249,968, renewed Nov. 27, 1948. O. G. Oct. 26.
Mucilage, paste, glue, etc. Guild Products Corporation. 161,946, Nov. 28, 1922. Republished Oct. 26.
Puncture cures. Stop-A-Leak Manufacturing Company. 236,169, renewed Dec. 6, 1947. O. G. Oct. 26.
Sheet and web materials backed with adhesive, Fibrous. Gummed Products Company. 503,435, Oct. 26; Serial No. 533,737, published Aug. 3, 1948.
Tape, Adhesive gummed paper, and adhesive gummed cloth tape. Gummed Products Company. 503,423, Oct. 26; Serial No. 532,446, published Aug. 3, 1948.
Tape, Gummed paper. Gummed Products Company. 503,424, Oct. 26; Serial No. 532,448, published Aug. 3, 1948.
Tape, Gummed paper. Gummed Products Company. 503,439, Oct. 26; Serial No. 534,528, published Aug. 3, 1948.
Tapes, Gummed and ungummed paper sealing, veneer, and stay. Chicago Gum Tape Company. 234,054, Oct. 18, 1927. Republished Oct. 26.
Wall size, Paperhangers'. Miner-Hillard Milling Company. 293,476, Apr. 26, 1932. Republished Oct. 26.

CLASS 6

Acidifying agent, Abbott Laboratories. 503,518, Oct. 26; Serial No. 545,928, published July 27, 1948.
Aluminum chloride, aluminum sulphate, ammonia alum, etc. Stauffer Chemical Company. 503,418, Oct. 26; Serial No. 532,361, published July 6, 1948.
Ammonia, Washing, and liquid bluing. Briardale Co. 503,519, Oct. 26; Serial No. 546,354, published Aug. 3, 1948.
Anesthetic, Local. Frederick Stearns & Company. 249,700, renewed Nov. 20, 1948. O. G. Oct. 26.
Bath salts. Dorothy Gibson Perfumes Corp. 503,420, Oct. 26; Serial No. 532,442, published Aug. 3, 1948.
Bicarbonate of soda (baking soda). Church & Dwight Co., Inc. 503,375, Oct. 26; Serial No. 526,750, published July 27, 1948.
Blackening agents, Metal. E. F. Houghton & Co. 503,431, Oct. 26; Serial No. 533,570, published July 27, 1948.
Blue, Liquid laundry. Patek and Co. 503,349, Oct. 26; Serial No. 505,916, published July 27, 1948.
Bluing and ammonia. Roundup Grocery Company. 215,309, July 13, 1926. Republished Oct. 26.
Breath refresbener and throat easing mint. Maillard Corp. 441,191, Oct. 26; Serial No. 526,265.
Chemical compound. Oakley Chemical Company. 192,610–11, Dec. 9, 1924. Republished Oct. 26.
Chemical compounds. E. I. du Pont de Nemours and Company. 441,160, Oct. 26; Serial No. 506,654, published July 27, 1948.
Chemical preparation. Oakite Products, Inc. 412,149, Feb. 20, 1945. Republished Oct. 26.
Chemical preparation for sealing leaks in radiators, etc. Liquid Veneer Corporation. 503,446, Oct. 26; Serial No. 535,054, published July 27, 1948.
Chemical preparation for sealing leaks in steam and hot-water boilers. Liquid Veneer Corporation. 503,445, Oct. 26; Serial No. 535,053, published July 27, 1948.
Chemical preparation used as a water softener. American Products Company. 441,169, Oct. 26; Serial No. 515,981, published Oct. 28, 1947.
Chemicals adapted for the removal of sizing materials from textile fabrics. Royce Chemical Company. 406,682, Apr. 18, 1944. Republished Oct. 26.
Cleaning, abrasive, Spark plug. H. H. Manchester. 441,157, Oct. 26; Serial No. 506,460, published July 27, 1948.
Composition having medicinal properties. Whitmeyer Laboratories, Inc. 503,486, Oct. 26; Serial No. 539,463, published July 27, 1948.
Compound containing various minerals. P. S. Casey. 376,849, Apr. 9, 1940. Republished Oct. 26.
Compound containing various minerals. P. S. Casey. 377,488, May 7, 1940. Republished Oct. 26.
Compound containing various minerals. P. S. Casey. 378,449–50, June 11, 1940. Republished Oct. 26.
Compound of oils and waxes, Emulsifiable. Chesebrough Manufacturing Company Consolidated. 503,534, Oct. 26; Serial No. 549,050, published Aug. 3, 1948.
Cosmetic set consisting of cologne and body powder. Avon Products, Inc. 441,151, Oct. 26; Serial No. 503,626, published Aug. 3, 1948.
Cosmetics. Alexandra de Markoff Inc. 280,660, Feb. 24, 1931. Republished Oct. 26.
Cosmetics and beauty preparations. J. Cochran. 361,317, Oct. 11, 1938. Republished Oct. 26.
Cough syrup. J. C. Mendenhall Medicine Co., Incorporated. 503,523, Oct. 26; Serial No. 547,013, published Aug. 3, 1948.
Cream of tartar, saleratus, baking soda, etc. John Bird Company. 441,138, Oct. 26; Serial No. 482,193, published Mar. 9, 1948.
Deodorant and antiseptic. Anderson-Stolz Pharmaceuticals, Inc. 425,195, Nov. 5, 1946. Republished Oct. 26.
Drops, Nose and throat, nasal jelly, and nasal jelly with ephedrine. D. D. Kenyon. 503,484, Oct. 26; Serial No. 539,174, published July 27, 1948.
Eradicator, Ink. Guild Products Corporation. 169,810, July 3, 1923. Republished Oct. 26.
Face powder, dusting powder, toilet water, etc. Coty, Inc. 441,144, Oct. 26; Serial No. 498,606, published Dec. 31, 1946.
Facial preparations. M. de Botelho. 374,863, Jan. 30, 1940. Republished Oct. 26.
Finishing oils, Textile. E. F. Houghton & Co. 503,433, Oct. 26; Serial No. 533,575, published Aug. 3, 1948.
Fumigant insecticide. Central Chemical Corporation of Maryland. 503,395, Oct. 26; Serial No. 529,230, published July 27, 1948.
Fungicides, Agricultural. Mallinckrodt Chemical Works. 503,467, Oct. 26; Serial No. 537,330, published July 27, 1948.
Gas, Bottled propane heating. Consumers Gas Company of Georgia, Inc. 441,190, Oct. 26; Serial No. 496,609.
Glycols and mixtures thereof, Lower molecular weight dialkylene. Wyandotte Chemicals Corporation. 503,370, Oct. 26; Serial No. 523,124, published Aug. 3, 1948.
Hair preparation, All purpose. S. Walters. 427,495, Feb. 11, 1947. Republished Oct. 26.
Hair tonic. J. H. Camp. 503,549, Oct. 26; Serial No. 517,961.
Hair tonic. E. Schauffer. 249,390, Nov. 13, 1928. Republished Oct. 26.
Hypochlorite. Mathieson Alkali Works, Inc. 252,200, renewed Jan. 29, 1949. O. G. Oct. 26.
Insecticides. Geigy Company, Inc. 503,508, Oct. 26; Serial No. 543,917, published July 13, 1948.
Insecticides and fly and insect spray. B. D. Smith. 441,139, Oct. 26; Serial No. 485,371, published Nov. 27, 1945.
Insecticides, laxatives, germicides, etc. Louisiana Drug Co., Inc. 503,348, Oct. 26; Serial No. 505,359, published July 27, 1948.
Laxative and antacid. E. D. Roberts. 441,142, Oct. 26; Serial No. 492,858, published July 27, 1948.
Laxatives. National Magnesia Co. Inc. 247,578, renewed Oct. 2, 1948. O. G. Oct. 26.
Liniment. First National Laboratories, Inc. 244,140, July 10, 1928. Republished Oct. 26.
Liniments and embrocations. W. F. Young. 49,322, Jan. 30, 1906. Republished Oct. 26.
Lipstick, face powder, hand lotion, and perfume. O. Smith. 441,173, Oct. 26; Serial No. 518,915, published Jan. 13, 1948.
Lotion, Face and body, cologne, face and body powder, etc. Cameron Distributors. 441,163, Oct. 26; Serial No. 508,785, published Aug. 3, 1948.
Lotions, After-shaving. Roger & Gallet. 249,023–5, renewed Nov. 6, 1948. O. G. Oct. 26.
Lotions, Toilet, skin creams, perfumes, etc. Elizabeth Arden Sales Corporation. 503,430, Oct. 26; Serial No. 532,989, published July 27, 1948.
Lye. P. M. Cooter. 503,403, Oct. 26; Serial No. 530,724, published July 27, 1948.
Make-up, lipstick, rouge, etc. Gibbs & Company. 405,430, Feb. 1, 1944. Republished Oct. 26.
Medicinal compound. O. C. Bowers. 64,656, Aug. 20, 1907. Republished Oct. 26.
Medicinal jelly. Lanteen Medical Laboratories, Inc. 503,353, Oct. 26; Serial No. 509,014, published July 27, 1948.
Medicinal preparation. Plough, Chemical Company. 235,685, Nov. 22, 1927. Republished Oct. 26.
Medicinal preparation. Upjohn Company. 503,517, Oct. 26; Serial No. 545,412, published Aug. 3, 1948.
Medicine. R. A. Thompson. 343,922, Mar. 9, 1937. Canceled Oct. 1, 1948. O. G. Oct. 26.
Mixture of phenols. Glidden Company. 503,520, Oct. 26; Serial No. 546,694, published Aug. 3, 1948.
Ointment. McKesson & Robbins, Incorporated. 245,570–1, renewed Aug. 14, 1948. O. G. Oct. 26.
Ointment, Fair-skin, skin balm, hair dressing and grower, etc. Mo-Grow Chemical Co. 234,557, Nov. 1, 1927. Republished Oct. 26.

Ointment for the treatment of sores, cut boils, etc. M. A. Loux. 503,513, Oct. 26; Serial No. 544,745, published July 27, 1948.

Ointment for use in the treatment of scaly skin diseases. Sar-Da Company. 503,511, Oct. 26; Serial No. 544,204, published July 13, 1948.

Paste. E. F. Drew & Co., Inc. 211,654, Apr. 13, 1926. Republished Oct. 26.

Perfume. Dorothy Gibson Perfumes Corp. 503,421, Oct. 26; Serial No. 532,443, published Aug. 3, 1948.

Perfume. Los Angeles Soap Company. 305,319, Aug. 15, 1933. Republished Oct. 26.

Perfume, toilet water, face powder, etc. Henri Bendel, Inc. 441,147, Oct. 26; Serial No. 501,041, published Aug. 3, 1948.

Perfumes. Wm. Bowden & Company. 252,517, renewed Feb. 12, 1949. O. G. Oct. 26.

Perfumes. Dorothy Gibson Perfumes Corp. 503,422, Oct. 26; Serial No. 532,445, published Aug. 3, 1948.

Perfumes. Gregoire Ovsianico. 441,155, Oct. 26; Serial No. 505,911, published July 27, 1948.

Perfumes. Societe Calixte. 503,393, Oct. 26; Serial No. 528,652, published July 20, 1948.

Pills, Cathartic. Blackburn Products Company. 72,445, re-renewed Jan. 26, 1949. O. G. Oct. 26.

Preparation containing cholestrin, lecithin, carbon tetrachloride, etc. L. R. Akers. 503,522, Oct. 26; Serial No. 546,935, published July 27, 1948.

Preparation for the treatment of flatulence and nausea and an auxiliary to the assimilation of carbobydrates. Spicer and Company. 253,554, Feb. 26, 1929. Republished Oct. 26.

Preparation for use in the treatment of adrenal insufficiency or hypoadrenia. Harrower Laboratory, Inc. 262,766, Oct. 22, 1929. Republished Oct. 26.

Preparation to be applied to canvas. H. B. F. Kuhls. 503,544, Oct. 26; Serial No. 514,899.

Preparation useful in the treatment of conditions of the vascular system. Sharp & Dohme, Incorporated. 503,514, Oct. 26; Serial No. 544,916, published July 13, 1948.

Preparations for making effervescent drinks. Floret Company. 247,302, renewed Sept. 25, 1948. O. G. Oct. 26.

Processing fluids. Neva-Wet Corporation of America, Inc. 336,434, July 7, 1936. Republished Oct. 26.

Remover, Nail polish. Glidden Company. 503,535, Oct. 26; Serial No. 549,145, published Aug. 3, 1948.

Repellent and conditioner, Water. Franklin Research Company. 503,337, Oct. 26; Serial No. 490,426, published Aug. 3, 1948.

Rinse for glassware, Germicidal. P. E. Bray. 503,346, Oct. 26; Serial No. 502,683, published July 27, 1948.

Sachet powders, bath salts and crystals, etc. Societe a Responsabilite Limitee: Laboratoires du "Sanopol." 441,149, Oct. 26; Serial No. 503,015, published Aug. 3, 1948.

Salve. G. N. Pappas. 249,972, renewed Nov. 27, 1948. O. G. Oct. 26.

Shampoo. M. Handman. 503,466, Oct. 26; Serial No. 537,178, published Aug. 3, 1948.

Skin cream, Greaseless, vanishing. Associated Products Company. 503,458, Oct. 26; Serial No. 536,217, published July 27, 1948.

Soda. Los Angeles Soap Company. 228,991, June 14, 1927. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 108,917, Mar. 7, 1916. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 111,509, July 18, 1916. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 116,549, May 8, 1917. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 118,571, Sept. 18, 1917. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 124,937, Mar. 25, 1919. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 127,479, Nov. 11, 1919. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 129,525, Feb. 24, 1920. Republished Oct. 26.

Sodium silicate. Philadelphia Quartz Company. 138,496, Dec. 28, 1920. Republished Oct. 26.

Softener, Water. Los Angeles Soap Company. 290,216, Dec. 22, 1931. Republished Oct. 26.

Solution for use in cooling towers, refrigerating systems, humidifying systems, etc. G. S. McCarty. 503,437, Oct. 26; Serial No. 534,042, published July 27, 1948.

Solution of sodium phosphate, Concentrated. C. B. Fleet Co. Inc. 315,096–7, July 17, 1934. Republished Oct. 26.

Solvents. Ditto, Incorporated. 362,665, Nov. 29, 1938. Republished Oct. 26.

Starch, Gloss. Morey Mercantile Company. 503,496, Oct. 26; Serial No. 542,043, published July 27, 1948.

Starch, Laundry. American Products Company. 441,137, Oct. 26; Serial No. 467,508, published Dec. 24, 1946.

Surgical dressing in semi-gelatinous forms, Analgesic antiseptic, non-irritating. F. M. Hull. 387,348, May 13, 1941. Republished Oct. 26.

Tablets, Chocolate coated compressed. Harrower Laboratory, Inc. 390,884, Oct. 7, 1941. Republished Oct. 26.

Tablets, Cold and grippe. McKesson & Robbins, Incorporated. 245,488, renewed Aug. 14, 1948. O. G. Oct. 26.

Toilet preparations. R. Lacoste. 441,140, Oct. 26; Serial No. 490,316, published May 25, 1948.

Tonic and worming preparation. L. & S. Hog Tonic Co. 375,602, Feb. 20, 1940. Republished Oct. 26.

Tooth paste. McKesson & Robbins, Incorporated. 245,572–3, renewed Aug. 14, 1948. O. G. Oct. 26.

Vitamin preparations. Sharp & Dohme, Incorporated. 503,515–16, Oct. 26; Serial Nos. 544,917–18, published July 13, 1948.

Vitamin tablets. A. R. Beamon. 503,521, Oct. 26; Serial No. 546,818, published Aug. 3, 1948.

CLASS 7

Cords and twines, Braided and twisted. Samson Cordage Works. 247,579, renewed Oct. 2, 1948. O. G. Oct. 26.

CLASS 8

Ash trays of glass. Defiance Sales Corporation. 503,456, Oct. 26; Serial No. 535,834, published Aug. 3, 1948.

Pipes, tobacco pouches, cigarette papers cut to size, Smokers', etc. J. H. Moore, Inc. 503,357, Oct. 26; Serial No. 512,078, published Aug. 3, 1948.

Pouches, Tobacco. National Carbon Company, Inc. 441,188, Oct. 26; Serial No. 525,369, published July 27, 1948.

CLASS 9

Black powder, both potassium nitrate and sodium nitrate base, etc. King Powder Company. 503,416, Oct. 26; Serial No. 532,033, published Aug. 3, 1948.

Blasting high explosives. King Powder Company. 503,415, Oct. 26; Serial No. 532,032, published July 13, 1948.

Fireworks and toy pistol caps. J. Halpern Company. 503,502, Oct. 26; Serial No. 542,568, published Aug. 3, 1948.

Revolvers. M. E. Johnson. 68,389, Apr. 7, 1908. Republished Oct. 26.

Rolls of paper caps. G. Backes Fireworks Company. 503,470, Oct. 26; Serial No. 537,653, published July 27, 1948.

Sparklers. J. Halpern Company. 503,501, Oct. 26; Serial No. 542,566, published Aug. 3, 1948.

Shotguns. M. E. Johnson. 68,386, Apr. 7, 1908. Republished Oct. 26.

CLASS 10

Bark of trees, Comminuted. Weyerhaeuser Timber Company. 503,448, Oct. 26; Serial No. 535,287, published July 13, 1948.

Fertilizers. California Spray-Chemical Corporation. 503,453, Oct. 26; Serial No. 535,381, published July 27, 1948.

Fertilizers. California Spray-Chemical Corporation. 503,454, Oct. 26; Serial No. 535,382, published July 20, 1948.

Fertilizers. Fertil-Cel Gardens. 441,158, Oct. 26; Serial No. 506,490, published July 13, 1948.

Fertilizers. International Minerals and Chemical Corporation. 503,401, Oct. 26; Serial No. 530,405, published July 27, 1948.

Fertilizers. I. P. Thomas & Son Company. 503,434, Oct. 26; Serial No. 533,644, published July 13, 1948.

Fertilizers and plant food. Tennessee Copper & Chemical Corporation. 238,331, Feb. 7, 1928. Republished Oct. 26.

Peat moss, Soil-conditioning. Bord Na Mona. 503,473, Oct. 26; Serial No. 538,025, published July 13, 1948.

CLASS 11

Ink, Printing. Sun Chemical Corporation. 503,524–6, Oct. 26; Serial Nos. 547,166–8, published Aug. 3, 1948.

Ink, Printing. Sun Chemical Corporation. 503,527–8, Oct. 26; Serial Nos. 547,170–1, published Aug. 3, 1948.

Ink, Printing. Sun Chemical Corporation. 503,529, Oct. 26; Serial No. 547,178, published Aug. 3, 1948.

Ink, Writing, and writing fluid. Guild Products Corporation. 169,228, June 12, 1923. Republished Oct. 26.

Inks, Printing, and inking rollers, etc. International Printing Pressman and Assistants' Union of North America. 398,015, Oct. 6, 1942. Republished Oct. 26.

Inks, Printing, lithographing inks; and pigments, etc. Sherwin-Williams Company. 441,186, Oct. 26; Serial No. 524,731, published July 27, 1948.

Typewriter ribbon and carbon paper. Underwood Corporation. 503,342, Oct. 26; Serial No. 497,513, published July 27, 1948.

Typewriter ribbons and carbon paper. Codo Manufacturing Corporation. 372,852, Nov. 14, 1939. Republished Oct. 26.

CLASS 12

Ash dumps, ash-pits; and chimney flue doors, etc. Donley Brothers Company. 169,590, June 26, 1923. Republished Oct. 26.

Asphalt and magnesite materials, Emulsified. Selby, Battersby and Company. 283,153, May 19, 1931. Republished Oct. 26.

Beads for walls, window openings and doorways, Corner. Bostwick Steel Lath Company. 503,443, Oct. 26; Serial No. 534,740, published June 29, 1948.

Brick. Hydraulic-Press Brick Company. 329,017, Oct. 15, 1935. Republished Oct. 26.

Brick. Pacific Clay Products. 240,671, Apr. 3, 1928. Republished Oct. 26.

Brick, Pressed, glazed and enameled brick, ruffled brick, etc. Pacific Clay Products Co. 167,519, May 1, 1923. Republished Oct. 26.

Buildings, Manufactured frame construction. L. E. Legg. 503,358, Oct. 26; Serial No. 513,827, published June 29, 1948.

Cement. Carney Cement Company. 159,677, Oct. 3, 1922. Republished Oct. 26.

Felt, Thermal and sound insulating and fireproofing. Wilson Grant Incorporated. 353,122, Dec. 28, 1937. Republished Oct. 26.

Fibre board, Insulating board, composite board, etc. Masonite Corporation. 248,040, renewed Oct. 16, 1948. O. G. Oct. 26.

Floor plate, Non-slip rolled steel. Inland Steel Company. 503,341, Oct. 26; Serial No. 497,182, published July 13, 1948.

Flooring, Composition. Marine Decking & Supply Co. 218,502, Sept. 28, 1926. Republished Oct. 26.

Lath and expanded metal reenforcements, Metal. Bostwick Steel Lath Company. 503,441, Oct. 26; Serial No. 534,737, published July 6, 1948.

Lath, Expanded metal, expanded metal reenforcements, etc. Bostwick Steel Lath Company. 503,442, Oct. 26; Serial No. 534,738, published June 29, 1948.

Material used in building roads. M. T. Calef. 107,960, Jan. 4, 1916. Republished Oct. 26.

Materials for plastic and mastic floor coverings. Selby, Battersby and Company. 275,251–2, Sept. 16, 1930. Republished Oct. 26.

Putty, Brine. Mundet Cork Corporation. 441,176, Oct. 26; Serial No. 521,597, published June 29, 1948.

Sewer pipe, Vitrified salt glazed, tile water pipe, etc. Pacific Clay Products Co. 167,520, May 1, 1923. Republished Oct. 26.

Wall and surface covering, Decorative. Muller & Barringer. 441,166, Oct. 26; Serial No. 511,349, published July 13, 1948.

CLASS 13

Fixture for holding garden and household tools, Metal. J. L. Brown. 432,089, Aug. 19, 1947. Republished Oct. 26.

Pie pans and cake pans, Base-metal. Edward Katzinger Company. 245,277, renewed Aug. 7, 1948. O. G. Oct. 26.

Pipe fittings, valves, cocks, relief valves, etc., Metal. Cleveland Heater Company. 244,817, July 31, 1928. Republished Oct. 26.

Pipes, Cast iron. Florence Pipe Foundry & Machine Company. 223,784, Feb. 8, 1927. Republished Oct. 26.

Traps, Drain-pipe, sewer-pipe strainers, slop sinks, etc. Donley Brothers Company. 177,408, Dec. 18, 1923. Republished Oct. 26.

Valves, cocks, faucets. Haydenville Company. 64,784, Aug. 20, 1907. Republished Oct. 26.

CLASS 14

Alloys, Metal. M. Kurzer. 374,942, Jan. 30, 1940. Republished Oct. 26.

Alloys, Metallic welding, brazing, and soldering. R. D. Wasserman. 413,659, May 8, 1945. Republished Oct. 26.

Bars, Wire, bars, ingot bars, etc. United States Metals Refining Company. 215,548, July 20, 1926. Republished Oct. 26.

Castings, Non-ferrous. Permacel Aluminum & Bronze Corporation. 503,361, Oct. 26; Serial No. 514,839, published July 13, 1948.

Die forgings. Billings & Spencer Company. 45,068, Aug. 8, 1905. Republished Oct. 26.

Ferro-alloys. Ohio Ferro-Alloys Corporation. 327,777, Sept. 3, 1935. Republished Oct. 26.

Ferro-Alloys. Ohio Ferro-Alloys Corporation. 403,413, Sept. 21, 1943. Republished Oct. 26.

Forgings. Milwaukee Forge & Machine Co. 503,400, Oct. 26; Serial No. 530,328, published July 13, 1948.

Forgings, Die. Billings & Spencer Company. 45,068, Aug. 8, 1905. Republished Oct. 26.

Lead, tin, and antimony products. Division Lead Co. 441,161, Oct. 26; Serial No. 507,808, published July 20, 1948.

Metals, Ferrous, and ferrous metal castings and forgings. American Rolling Mill Company. 503,390, Oct. 26; Serial No. 527,741, published July 13, 1948.

Sheet metal. Jones & Laughlin Steel Corporation. 503,392, Oct. 26; Serial No. 528,482, published July 13, 1948.

Steel, Tool. Vanadium-Alloys Steel Company. 503,339, Oct. 26; Serial No. 495,528, published July 13, 1948.

Steels. Cyclops Steel Company, Inc. 246,002, renewed Aug. 28, 1948. O. G. Oct. 26.

Thermostatic metal. Metals & Controls Corporation. 500,964, corrected July 13, 1948. O. G. Oct. 26.

CLASS 15

Gasoline. Wilshire Oil Company, Inc. 384,487, Jan. 21, 1941. Republished Oct. 26.

Gasoline, engine distillate, furnace distillate, etc. Wilshire Oil Company, Inc. 164,498, Feb. 20, 1923. Republished Oct. 26.

Gasoline, kerosene, distillate, etc. Wilshire Oil Company, Inc. 290,070, Dec. 22, 1931. Republished Oct. 26.

Greases and lubricating oils, Lubricating. New York Lubricating Oil Company. 72,380, re-renewed Jan. 19, 1949. O. G. Oct. 26.

Oils, Lubricating, motor-fuel, and furnace, etc. Hartol Products Corporation. 247,239, renewed Sept. 25, 1948. O. G. Oct. 26.

Petroleum products. Wilshire Oil Company, Inc. 194,001, Jan. 13, 1925. Republished Oct. 26.

CLASS 16

Cleaning and polishing compounds. J. P. Merz. 242,093, renewed May 15, 1948. O. G. Oct. 26.

Coating compositions. Atlas Powder Company. 420,588, Apr. 23, 1946. Republished Oct. 26.

Coating compositions. Maas & Waldstein Co. 422,318, July 16, 1946. Republished Oct. 26.

Enamels. Maas & Waldstein Co. 422,319, July 16, 1946. Republished Oct. 26.

Enamels, Synthetic baking. Maas & Waldstein Co. 420,636, Apr. 23, 1946. Republished Oct. 26.

Lacquers and lacquer enamels. Waukegan Chemical Company. 196,874, Mar. 31, 1925. Republished Oct. 26.

Lacquers and lacquer enamels, Clear. Maas & Waldstein Co. 420,637, Apr. 23, 1946. Republished Oct. 26.

Lacquers and paint enamels. Maas & Waldstein Co. 421,701–2, June 11, 1946. Republished Oct. 26.

Lacquers, Crystallizing. Maas & Waldstein Co. 421,780, June 18, 1946. Republished Oct. 26.

Paint. C. A. Woolsey Paint & Color Company. 69,989, re-renewed July 21, 1948. O. G. Oct. 26.

Paint enamel. Great Lakes Varnish Works, Inc. 310,786, Mar. 6, 1934. Republished Oct. 26.

Paint enamel. Great Lakes Varnish Works, Inc. 390,010, Sept. 2, 1941. Republished Oct. 26.

Paint enamel. Hanna Paint Mfg. Co. 221,230, Nov. 23, 1926. Republished Oct. 26.

Paint enamels and varnishes. Great Lakes Varnish Works, Inc. 247,879, renewed Oct. 9, 1948. O. G. Oct. 26.

Paint, Flat wall. Great Lakes Varnish Works, Inc. 283,040, May 12, 1931. Republished Oct. 26.

Paint, Liquid. Hanna Paint Mfg. Co. 78,513, June 21, 1910. Republished Oct. 26.

Paint, Plastic. Finishing Specialties & Service Co. 246,015, renewed Aug. 28, 1948. O. G. Oct. 26.

Paint, Ready-mixed. Great Lakes Varnish Works, Inc. 425,243, Nov. 12, 1946. Republished Oct. 26.

Paints and enamels, Ready-mixed, paint colors, varnishes, etc. Celluloid Zapon Company. 197,335, Apr. 14, 1925. Republished Oct. 26.

Paints and paint enamels, Ready-mixed. Wilbur & Williams Company. 409,581, Oct. 10, 1944. Republished Oct. 26.

Paints and paint enamels, Ready-mixed. Wilbur & Williams Company. 409,721, Oct. 17, 1944. Republished Oct. 26.

Paints in paste or semi-paste form. Seidlitz Paint & Varnish Co. 503,564, Oct. 26; Serial No. 536,148.

Paints, lacquers, and paint enamels. Maas & Waldstein Co. 421,704, June 11, 1946. Republished Oct. 26.

Paints, Mixed, dry paints, paint-colors, etc. Clinton Metallic Paint Company. 106,217, Oct. 19, 1915. Republished Oct. 26.

Paints, Ready-mixed. Great Lakes Varnish Works, Inc. 227,758, May 17, 1927. Republished Oct. 26.

Paints, Ready-mixed. Hanna Paint Mfg. Co. 221,233, Nov. 23, 1926. Republished Oct. 26.

Paints, Ready-mixed, rust inhibiting paints, paste paints, etc. Wilbur & Williams Company. 420,602, Apr. 23, 1946. Republished Oct. 26.

Paints, Ready mixed wall finish. Hanna Paint Mfg. Co. 224,702, Mar. 1, 1927. Republished Oct. 26.

Paints, varnish, and paint enamels, Ready-mixed. Great Lakes Varnish Works, Inc. 416,333, Sept. 4, 1945. Republished Oct. 26.

Polish, Furniture. L. Goodman. 331,820, Jan. 21, 1936. Republished Oct. 26.

Primer and sealer, Pigmented. Great Lakes Varnish Works, Inc. 409,252, Sept. 26, 1944. Republished Oct. 26.

Primer, Plastic resin base. Maas & Waldstein Co. 420,878, May 7, 1946. Republished Oct. 26.

Varnish. Great Lakes Varnish Works, Inc. 298,060, Oct. 11, 1932. Republished Oct. 26.

Varnishes and enamels, Synthetic resin. Maas & Waldstein Co. 420,879, May 7, 1946. Republished Oct. 26.

Wax compound, Floor polishing. Candy & Company, Inc. 385,863, Mar. 18, 1941. Canceled Oct. 1, 1948. O. G. Oct. 26.

CLASS 17

Cigars. Metropolitan Cigar Corporation. 332,165, Feb. 4, 1936. Republished Oct. 26.

CLASS 19

Automobile accessories. Motor Products Corporation. 218,521, Sept. 28, 1926. Republished Oct. 26.

Heaters, Automobile. A. A. Wilson. 246,121, renewed Sept. 4, 1948. O. G. Oct. 26.

Ventilating apparatus, Vehicle window. Motor Products Corporation. 317,269, Sept. 18, 1934. Republished Oct. 26.
Wheels, Vehicle. Differential Wheel Corporation. 388,826, July 15, 1941. Republished Oct. 26.

CLASS 21

Atomizer, Electrically heated. Tanglefoot Company. 428,532, Mar. 25, 1947. Republished Oct. 26.
Automobile accessories. Jambor Tool & Stamping Co. 234,113, Oct. 18, 1927. Republished Oct. 26.
Control switches, Electrical. Fairfield Engineering Company. 390,979, Oct. 14, 1941. Republished Oct. 26.
Fabrics and tapes, Varnished cambric, and varnished papers. New Jersey Wood Finishing Company. 281,286, Mar. 17, 1931. Republished Oct. 26.
Fuses, Thermal time delay. Jefferson Electric Company. 503,542, Oct. 26; Serial No. 509,706.
Lanterns, Electric. Delta Electric Company. 269,435, Apr. 8, 1930. Republished Oct. 26.
Motors, Electric, and electric bench grinders. Delta Manufacturing Company. 322,510, Mar. 12, 1935. Republished Oct. 26.
Rheostats, Electric, electric illumination control apparatus. Ward Leonard Electric Company. 433,014, Sept. 23, 1947. Republished Oct. 26.
Scissors, Electric. Atlas Instrument Company. 441,189, Oct. 26; Serial No. 495,160.
Stoves, Electric cooking. International Appliance Corporation. 365,023, Feb. 21, 1939. Republished Oct. 26.

CLASS 22

Billiard balls, Pocket. Brunswick-Balke-Collender Company. 281,138, Mar. 10, 1931. Republished Oct. 26.
Toy drawing outfits. H. B. Jones. 304,248, June 27, 1933. Republished Oct. 26.

CLASS 23

Automobile accessories. Motor Products Corporation. 218,521, Sept. 28, 1926. Republished Oct. 26.
Books, Blank, loose leaf ledger binders, loose leaf sheets, etc. Guild Products Corporation. 159,364, Sept. 26 1922. Republished Oct. 26.
Chasers and chaser-holders. Geometric Tool Company. 313,739, June 5, 1934. Republished Oct. 26.
Chasers and chaser-holders. Geometric Tool Company. 313,942, June 12, 1934. Republished Oct. 26.
Engines, Internal-combustion. Wright Aeronautical Corporation. 245,676, renewed Aug. 21, 1948. O. G. Oct. 26.
Lawnmowers, lawn sprayers, spray guns, etc. Arkwright, Incorporated. 430,114, June 10, 1947. Republished Oct. 26.
Loom sundries, Leather. Charles Bond Company. 173,733, Oct. 2, 1923. Republished Oct. 26.
Motor units for portable power operated tools, Manually supported. Buckeye Portable Tool Co. 395,087, May 12, 1942. Republished Oct. 26.
Presses and parts therefor, Metal working. Clearing Machine Corporation. 375,878, Mar. 5, 1940. Republished Oct. 26.
Pumps and condensers, etc., Steam-driven. National Transit Pump & Machine Company. 130,843, May 4, 1920. Republished Oct. 26.
Screw wrenches, Adjustable. Coes Wrench Company. 46,548, Sept. 26, 1905. Republished Oct. 26.
Soldering irons, Electric, and electric branding irons. A. L. Johnson. 386,555, Apr. 15, 1941. Republished Oct. 26.
Stocking-knitting machinery, Automatic. Hemphill Manufacturing Company. 81,272, Mar. 21, 1911. Republished Oct. 26.
Tire-vulcanizing machine. Akron Tyrwelder Company. 248,298, renewed Oct. 16, 1948. O. G. Oct. 26.
Tools, blanks and finished tools. Billings & Spencer Company. 130,638, May 4, 1920. Republished Oct. 26.
Tools, Power. Delta Manufacturing Company. 393,089, Jan. 27, 1942. Republished Oct. 26.
Tools, Power. Delta Manufacturing Company. 398,363, Oct. 27, 1942. Republished Oct. 26.
Tractors. Clark Tructractor Company. 240,492, Mar. 27, 1928. Republished Oct. 26.
Typewriter keys, scissors, and shears. Stationers' Guild of America. 421,737, June 18, 1946. Republished Oct. 26.
Typewriter machines. Hammond Typewriter Corporation. 251,465, renewed Jan. 8, 1949. O. G. Oct. 26.
Vending machines. Universal Vendors Corporation. 379,142, July 2, 1940. Republished Oct. 26.

CLASS 24

Clothes-pins. Forster Manufacturing Company, Inc. 441,168, Oct. 26; Serial No. 513,972, published Aug. 3, 1948.
Ironer, Garment. Leef Bros., Inc. 503,538, Oct. 26; Serial No. 530,323.
Laundry appliances and machines. Manufacturers and Fabricators, Inc. 441,164, Oct. 26; Serial No. 509,522, published July 27, 1948.
Laundry machinery. American Laundry Machinery Company. 503,451–2, Oct. 26; Serial No. 535,374–5, published July 27, 1948.
Racks and frames and supports therefor. Moulton Ladder Manufacturing Co. 503,481, Oct. 26; Serial No. 538,537, published Aug. 3, 1948.
Washing machines, Clothes. Solar Corporation. 503,366, Oct. 26; Serial No. 519,104, published Aug. 3, 1948.
Washing machines, Laundry. Birtman Electric Company. 410,567, Dec. 5, 1944. Republished Oct. 26.

CLASS 25

Automobile accessories. Motor Products Corporation. 218,521, Sept. 28, 1926. Republished Oct. 26.
Padlocks. I. P. Reese. 294,375, May 24, 1932. Republished Oct. 26.

CLASS 26

Cameras. Match King, Inc. 373,522, Dec. 12, 1939. Republished Oct. 26.
Cameras, photographic lenses, and sensitized photographic films. Match King, Inc. 371,736, Oct. 3, 1939. Republished Oct. 26.
Measuring cups, Domestic. Edward Katzinger Company. 245,021, renewed Aug. 7, 1948. O. G. Oct. 26.
Measuring instruments, Precision. Atlantic Precision Company. 238,317, renewed Feb. 7, 1948. O. G. Oct. 26.
Photographic paper, Light-sensitive. Eastman Kodak Company. 279,326, Jan. 13, 1931. Canceled Sept. 24, 1948. O. G. Oct. 26.

CLASS 27

Clocks, watches, and parts thereof. New Haven Clock and Watch Company. 503,539, Oct. 26; Serial No. 507,836.
Clocks, watches, pocket watches, etc. Spaulding & Company. 441,146, Oct. 26; Serial No. 500,839, published May 18, 1948.
Pocket and wrist watches, Men's and women's. Hamilton Watch Company. 503,557, Oct. 26; Serial No. 529,380.

CLASS 28

Bracelets, brooch pins, lapel pins, etc. Hobe Cie Ltd. 503,571, Oct. 26; Serial No. 545,849.
Earrings, finger rings, anklets, etc. Kaufman & Ruderman Co. Inc. 247,622, renewed Oct. 2, 1948. O. G. Oct. 26.
Pearls. Syndicate Trading Company. 252,759, renewed Feb. 12, 1949. O. G. Oct. 26.
Shields and fraternal jewelry, Ornamental. Beta Phi Sigma Fraternity. 246,507, renewed Sept. 11, 1948. O. G. Oct. 26.

CLASS 29

Brushes for personal use, Hand. Lactona Incorporated. 503,538, Oct. 26; Serial No. 507,587.

CLASS 31

Filter disks. Kimberly-Clark Corporation. 210,959, Mar. 30, 1926. Canceled Sept. 24, 1948. O. G. Oct. 26.
Filter mediums made of textiles. Filter Fabrics Incorporated. 503,505, Oct. 26; Serial No. 542,753, published July 20, 1948.
Filtering units. Filtors, Incorporated. 503,487, Oct. 26; Serial No. 539,508, published Aug. 3, 1948.
Refrigerator. Alaska Refrigerator Company. 261,222, Sept. 10, 1929. Republished Oct. 26.
Refrigerators, Commercial display. Warren Co., Inc. 503,548, Oct. 26; Serial No. 516,926.
Refrigerators, Electric. Hanford Produce Company. 246,841, renewed Sept. 18, 1948. O. G. Oct. 26.

CLASS 32

Mattresses, bed springs, box springs, etc. Sleepmaster Products Company, Inc. 409,026, Sept. 12, 1944. Republished Oct. 26.

CLASS 34

Burners, Fuel oil. Automatic Burner Corporation. 281,933, Apr. 7, 1931. Republished Oct. 26.
Burners, Fuel oil. Automatic Burner Corporation. 422,233, July 9, 1946. Republished Oct. 26.
Burners, Fuel oil. Automatic Burner Corporation. 428,911, Apr. 8, 1947. Republished Oct. 26.
Heaters, Gas hot-water. Pittsburg Water Heater Company. 243,968, July 3, 1928. Republished Oct. 26.
Plants, Heat generating. Winslow Boiler & Engineering Co. 169,146, June 12, 1923. Republished Oct. 26.

CLASS 35

Balata belting, Textile, fiber, rubber. Higrade Belting & Weaving Co. 117,864, Aug. 7, 1917. Republished Oct. 26.
Belting for power-transmission purposes. Chas. A. Schieren Company. 503,413, Oct. 26; Serial No. 531,850, published July 27, 1948.
Belting, Leather. Charles Bond Company. 240,501, Mar. 27, 1928. Republished Oct. 26.
Casings, Tire. Corduroy Rubber Company. 361,313, Oct. 11, 1938. Republished Oct. 26.
Lining, Brake. Grizzly Manufacturing Company. 409,992, Oct. 31, 1944. Republished Oct. 26.
Lining, Brake. E. M. Smith Co. 312,067, Apr. 17, 1934. Republished Oct. 26.

Lining, Brake. E. M. Smith Co. 382,014, Oct. 15, 1940. Republished Oct. 26.
Packing, Rod and joint. Garlock Packing Co. 37,332, Nov. 19, 1901. Republished Oct. 26.
Patches, Pneumatic tire inner tube. H. B. Egan & Company. 212,511, May 4, 1926. Republished Oct. 26.
Patches, Tire. Paul E. Hawkinson Co. 503,408, Oct. 26; Serial No. 531,668, published Aug. 3, 1948.
Patches, Tire. Paul E. Hawkinson Co. 503,409, Oct. 26; Serial No. 531,669, published July 27, 1948.
Puncture cures. Stop-A-Leak Manufacturing Company. 236,169, renewed Dec. 6, 1947. O. G. Oct. 26.
Retainers of the friction type, Grease and oil. National Motor Bearing Company, Inc. 322,517, Mar. 12, 1935. Republished Oct. 26.
Rings, Piston. Perfect Circle Co. 279,455, Jan. 13, 1931. Republished Oct. 26.
Rings, Piston. Perfect Circle Company. 318,806, Nov. 6, 1934. Republished Oct. 26.
Rings, Piston. Perfect Circle Company. 319,101, Nov. 13, 1934. Republished Oct. 26.
Rings, Piston. Perfect Circle Company. 324,032, May 7, 1935. Republished Oct. 26.
Rings, Piston. Perfect Circle Company. 351,628, Nov. 2, 1937. Republished Oct. 26.
Rings, Piston, and piston ring expanders. Wilkening Manufacturing Company. 503,387, Oct. 26; Serial No. 527,575, published Aug. 3, 1948.
Tires. Goodyear Tire & Rubber Company. 503,396, Oct. 26; Serial No. 529,982, published July 27, 1948.
Tires and inner tubes, Vehicle. Pep Boys, Manny, Moe & Jack. 503,440, Oct. 26; Serial No. 534,670, published July 27, 1948.
Tires and tubes, Rubber. Pure Oil Company. 503,386, Oct. 26; Serial No. 527,355, published July 27, 1948.
Washers, Moulded or shaped, mechanical packings, and mechanical seals, etc. E. F. Houghton & Co. 503,432, Oct. 26; Serial No. 533,574, published July 27, 1948.

CLASS 36

Accordions. C. G. Conn, Ltd. 503,485, Oct. 26; Serial No. 539,396, published July 20, 1948.
Cymbals. C. G. Conn, Ltd. 503,355, Oct. 26; Serial No. 511,538, published July 27, 1948.
Phonograph records, Grooved. Capitol Records, Inc. 503,489, Oct. 26; Serial No. 540,381, published July 20, 1948.
Phonograph records, Mechanically grooved. Trianon Publications. 441,175, Oct. 26; Serial No. 521,225, published Aug. 3, 1948.
Pianos. Kohler & Campbell, Inc. 503,462, Oct. 26; Serial No. 536,697, published Aug. 3, 1948.
String instruments, Musical. Spiegel, Inc. 503,436, Oct. 26; Serial No. 533,791, published Aug. 3, 1948.
Strings, Musical-instrument. Fred Gretsch Mfg. Co. 103,869, Apr. 20, 1915. Republished Oct. 26.

CLASS 37

Books, Blank, loose leaf ledger binders, loose leaf sheets, etc. Guild Products Corporation. 159,364, Sept. 26, 1922. Republished Oct. 26.
Cards or sheets of paper arranged in overlapping relation at their top and bottom edges. Ditto, Incorporated. 397,013, Aug. 11, 1942. Republished Oct. 26.
Napkins, Tissue, and paper towels. Japanese Tissue Mills. 107,724, Dec. 21, 1915. Republished Oct. 26.
Note books and blank books. Rockwell-Barnes Company. 401,427, May 18, 1943. Republished Oct. 26.
Paper, Bond. Rockwell-Barnes Company. 304,484, July 11, 1933. Republished Oct. 26.
Paper, Book, cover paper, bond paper, etc. J. E. Linde Paper Co. 226,526, Apr. 12, 1927. Republished Oct. 26.
Paper, Crepe. American Tissue Mills. 192,496–8, Dec. 9, 1924. Republished Oct. 26.
Paper, Crepe. American Tissue Mills. 192,804–5, Dec. 9, 1924. Republished Oct. 26.
Paper, Crepe. American Tissue Mills. 214,122, June 15, 1926. Republished Oct. 26.
Paper, Crepe. American Tissue Mills. 222,768, Jan. 11, 1927. Republished Oct. 26.
Paper draperies. United Wallpaper, Inc. 503,556, Oct. 26; Serial No. 528,663.
Paper, Duplicating. Rockwell-Barnes Company. 312,155, Apr. 17, 1934. Republished Oct. 26.
Paper for duplicating use. Ditto, Incorporated. 393,870, Mar. 10, 1942. Republished Oct. 26.
Paper for duplicating use. Ditto, Incorporated. 402,961, Aug. 24, 1943. Republished Oct. 26.
Paper, part of which is coated with a transfer medium on one side. Ditto, Incorporated. 385,808, Mar. 18, 1941. Republished Oct. 26.
Paper, Pigment. M. McGraw. 406,910, May 9, 1944. Republished Oct. 26.
Paper, Typewriter, and file folders. Rockwell-Barnes Company. 418,554, Jan. 1, 1946. Republished Oct. 26.
Paper, Waxed. Marcalus Manufacturing Company, Inc. 312,164, Apr. 17, 1934. Republished Oct. 26.
Score books, Baseball, basket-ball score books. A. J. Reach Company. 245,752, renewed Aug. 21, 1948. O. G. Oct. 26.
Tapes, Gummed and ungummed paper sealing, veneer and stay. Chicago Gum Tape Company. 234,054, Oct. 18, 1927. Republished Oct. 26.

CLASS 38

Books, pamphlets and circulars, Printed. International Printing Pressman and Assistants' Union of North America. 124,248, Jan. 28, 1919. Republished Oct. 26.
Cards, Greeting. Gartner & Bender, Inc. 379,576, July 16, 1940. Republished Oct. 26.
Magazine. Import Publications, Inc. 419,832, Mar. 5, 1946. Canceled Sept. 24, 1948. O. G. Oct. 26.
Magazine, Fiction. Fiction House, Inc. 234,036, renewed Oct. 18, 1947. O. G. Oct. 26.
Magazines, Comic. G. W. Dougherty. 503,536, Oct. 26; Serial No. 499,054.
Newspapers and periodicals. Affiliated Young Democrats Inc. 503,565, Oct. 26; Serial No. 536,861.
Periodical, Trade. Perfect Circle Company. 409,492, Oct. 10, 1944. Republished Oct. 26.
Plans for constructing period designs of furniture. Delta Manufacturing Company. 421,194, May 21, 1946. Republished Oct. 26.
Publications, Weekly. L. B. Evans. 503,543, Oct. 26; Serial No. 513,241.

CLASS 39

Apparel, Infants' and children's, toddlers', boys', misses', teen-age and junior apparel. Hi-Line Co., Inc. 420,497, Apr. 16, 1946. Republished Oct. 26.
Apparel, Infants', children's, boys', girls', misses' and women's. Hi-Line Co., Inc. 425,820, Dec. 3, 1946. Republished Oct. 26.
Articles of personal apparel. G. C. Murphy Company. 386,707, Apr. 22, 1941. Republished Oct. 26.
Blouses, coveralls, slacks, etc., Women's. C. A. Neuburger Company. 403,132, Sept. 7, 1943. Republished Oct. 26.
Boots and shoes, Leather and canvas. Sommer & Kaufmann, Inc. 68,847, re-renewed Apr. 28, 1948. O. G. Oct. 26.
Boots, Leather sporting. H. Thompson. 307,315, Oct. 24, 1933. Republished Oct. 26.
Boots, shoes, slippers, and moccasins. Abbott Company. 297,561, Sept. 20, 1932. Republished Oct. 26.
Caps, sweaters, shoes, Men's, etc. Frankel Brothers, 178,117, Jan. 8, 1924. Republished Oct. 26.
Clothing, Men's outer. Frankel Brothers. 206,141, Nov. 24, 1925. Republished Oct. 26.
Coats and suits, Women's and misses'. M. Silbert & Son, Ltd. 381,009, Sept. 10, 1940. Republished Oct. 26.
Coats, Ladies'. Cardais Cloak Co. 362,980, Dec. 6, 1938. Republished Oct. 26.
Coats, vests, pants, etc. L. Nathans. 255,065, Apr. 9, 1929. Canceled Sept. 24, 1948. O. G. Oct. 26.
Collars and cuffs. D. L. Curless. 421,050, May 14, 1946. Republished Oct. 26.
Collars, Removable coat. Cardais Cloak Company. 393,123, Jan. 27, 1942. Republished Oct. 26.
Corsets, brassières, and girdles. Kops Bros., Inc. 245,278, renewed Aug. 7, 1948. O. G. Oct. 26.
Dress and negligee shirts and boys' blouses, Men's and boys'. Elder Manufacturing Company. 252,171, renewed Jan. 29, 1949. O. G. Oct. 26.
Dresses, coats, suits, etc., Ladies and young misses'. Arnold, Constable & Co., Inc. 252,217, renewed Jan. 29, 1949. O. G. Oct. 26.
Dresses, Ladies', misses', and children's. Nickels Manufacturing Company. 169,770, July 3, 1923. Republished Oct. 26.
Dresses, suits, and coats, Women's. G. Adrian. 413,942, May 22, 1945. Republished Oct. 26.
Dresses, Women's. C. A. Neuburger Company. 407,114, May 16, 1944. Republished Oct. 26.
Gloves, Garden. Green Thumb Gardens. 412,529, Mar. 13, 1945. Republished Oct. 26.
Gloves, Leather and fabric. Wells-Lamont Manufacturing Company. 129,562, Feb. 24, 1920. Republished Oct. 26.
Gloves, Rubber. Wilson Rubber Company. 325,143, June 11, 1935. Republished Oct. 26.
Hats and caps for men and boys. New York Hat Stores, Inc. 246,671, renewed Sept. 11, 1948. O. G. Oct. 26.
Hats for men and boys. New York Hat Stores, Inc. 249,440, renewed Nov. 13, 1948. O. G. Oct. 26.
Hats for women. Associated Retail Millinery, Incorporated. 389,724, Aug. 19, 1941. Republished Oct. 26.
Hosiery. Chas. Chipman's Sons Co. Inc. 235,931, Nov. 29, 1927. Republished Oct. 26.
Hosiery. Hatch Full Fashioned Hosiery Co. 261,776, Sept. 24, 1929. Republished Oct. 26.
Hosiery. Hoover Hosiery Company. 287,800, Oct. 13, 1931. Republished Oct. 26.
Hosiery. Knit Products Corporation. 377,449, May 7, 1940. Republished Oct. 26.
Hosiery. Wm. G. Leininger Knitting Co. Inc. 400,192, Feb. 16, 1943. Republished Oct. 26.
Hosiery. Orange Knitting Mills, Incorporated. 376,234, Mar. 12, 1940. Republished Oct. 26.
Hosiery. Orange Knitting Mills, Incorporated. 376,884, Apr. 9, 1940. Republished Oct. 26.
Hosiery. Rollins Hosiery Mills. 238,834, Feb. 14, 1928. Republished Oct. 26.
Hosiery. Thomas, Field & Company. 245,224, renewed Aug. 7, 1948. O. G. Oct. 26.
Hosiery. C. A. Wanner. 124,904, Mar. 18, 1919. Republished Oct. 26.
Hosiery, Men's. Lynchburg Hosiery Mills, Inc. 328,621, Oct. 1, 1935. Republished Oct. 26.

Hosiery, Men's and women's. Hoover Hosiery Company. 321,361, Jan. 29, 1935. Republished Oct. 26.
Hosiery, Men's, women's, and children's. Stamper & Kaiser. 174,273, Oct. 9, 1923. Republished Oct. 26.
Hosiery, underwear, etc. May Hosiery Mills, Inc. 240,641, Apr. 3, 1928. Republished Oct. 26.
Neckties. Hollyvogue Ties. 424,891, Oct. 29, 1946. Republished Oct. 26.
Shirts, Men's and boys' dress, negligee, and work, pajamas, and night-shirts. Broom & Newman. 142,458, May 17, 1921. Republished Oct. 26.
Shirts, Men's dress, negligee, and work. J. Freezer & Son, Inc. 334,536, May 5, 1936. Republished Oct. 26.
Shoes. Selby Shoe Company. 274,158, Aug. 19, 1930. Republished Oct. 26.
Shoes, Children's high and low. Truitt Brothers Incorporated. 232,715, Sept. 13, 1927. Republished Oct. 26.
Shoes, Men's, women's, and children's. Vanity Shoes. 413,989, May 22, 1945. Canceled Sept. 24, 1948. O. G. Oct. 26.
Shoes, Men's, women's and children's. Wizard Lightfoot Appliance Company. 210,581, Mar. 16, 1926. Republished Oct. 26.
Shoes, Women's. Selby Shoe Company. 336,396, July 7, 1936. Republished Oct. 26.
Skirts and dresses, Ladies'. Oshkosh Muslin Underwear Co. 228,840, June 14, 1927. Republished Oct. 26.
Slips. Industrial Undergarment Corporation. 391,172, Oct. 28, 1941. Republished Oct. 26.
Slips, Ladies' and misses'. Industrial Undergarment Corp. 410,292, Nov. 21, 1944. Republished Oct. 26.
Sportswear, Men's and boys'. Revere Knitting Mills, Inc. 403,608, Oct. 5, 1943. Republished Oct. 26.
Sportswear, Women's. B. Shander. 331,288, Dec. 31, 1935. Republished Oct. 26.
Suits and overcoats, Men's. Desmond Clothing Company. 194,639, Feb. 3, 1925. Republished Oct. 26.
Suits and overcoats, Men's and boys'. Michaels, Stern & Company. 158,022, Aug. 22, 1922. Republished Oct. 26.
Suits and topcoats, Men's and boys'. Michaels, Stern & Company, Incorporated. 377,832, May 14, 1940. Republished Oct. 26.
Suits, dresses, shirts, etc., Ladies', misses' and girls'. Julius Garfinckel & Co., Incorporated. 408,767, Aug. 29, 1944. Republished Oct. 26.
Suits for men, Light-weight tropical. Michaels, Stern & Company. 223,579, Feb. 8, 1927. Republished Oct. 26.
Suits, topcoats, and overcoats, Men's. Michaels, Stern & Company, Incorporated. 412,543, Mar. 13, 1945. Republished Oct. 26.
Suits, vests, trousers, etc., Men's. Michaels, Stern & Company, Incorporated. 408,850, Aug. 29, 1944. Republished Oct. 26.
Sweaters and hosiery, Knitted. Revere Knitting Mills, Inc. 227,589, May 10, 1927. Republished Oct. 26.
Sweaters and sweater shirts, Men's, women's, boys' and girls'. New York Knitting Mills. 422,792, Aug. 13, 1946. Republished Oct. 26.
Sweaters, Knitted sport, and two piece knitted dresses. Select Sportswear, Inc. 355,971, Apr. 5, 1938. Republished Oct. 26.
Sweaters, Ladies' and misses' knitted sport, and two piece knitted dresses. Select Sportswear, Inc. 358,287, July 5, 1938. Republished Oct. 26.
Sweaters, Ladies' and misses' knitted sport, and two-piece knitted dresses. Select Sportswear, Inc. 372,667, Nov. 7, 1939. Republished Oct. 26.
Sweaters, Men's and boys'. Revere Knitting Mills, Inc. 393,555, Feb. 17, 1942. Republished Oct. 26.
Underwear, Ladies' and children's. Oshkosh Muslin Underwear Company. 126,052, July 22, 1919. Republished Oct. 26.

CLASS 40

Clips, Hair curl. H. Goodman & Sons, Inc. 503,531, Oct. 26; Serial No. 547,725, published Aug. 3, 1948.
Pads, Shoulder. Certified Shoulder Pad Co., Inc. 503,553, Oct. 26; Serial No. 520,089.
Pins, Card, T-pins, and bank pins. Guild Products Corporation. 168,903, May 29, 1923. Republished Oct. 26.
Shoehorn-like device to aid in donning girdles. Shaffer Manufacturing Company. 503,552, Oct. 26; Serial No. 519,905.
Straps of leather or fabrics, and buckles, Wrist watch. Pioneer Suspender Company. 503,373, Oct. 26; Serial No. 520,545, published June 22, 1948.
Wave setters, Hair. H. Goodman & Sons, Inc. 503,532, Oct. 26; Serial No. 547,726, published Aug. 3, 1948.

CLASS 41

Umbrellas. L. P. Henryson & Co., Inc. 503,530, Oct. 26; Serial No. 547,345, published Aug. 3, 1948.
Umbrellas, Ladies' and men's. Friedman & Sons. 441,177, Oct. 26; Serial No. 522,189, published Aug. 3, 1948.

CLASS 42

Bagging. American Manufacturing Company. 55,965, Aug. 21, 1906. Republished Oct. 26.
Blankets. W. S. Libbey Company, Inc. 290,557, Jan. 12, 1932. Corrected. O. G. Oct. 26.
Carpets and rugs. M. J. Whittall Associates, Inc. 503,407, Oct. 26; Serial No. 531,561, published July 27, 1948.
Cloth of cotton, silk, and combinations of the same. Elder Manufacturing Company. 252,024, renewed Jan. 22, 1949. O. G. Oct. 26.
Comforters and quilts. Stanley Manufacturing Co., Inc. 503,449, Oct. 26; Serial No. 535,357, published July 20, 1948.
Curtains, Cotton and rayon window. Berkshire Fine Spinning Associates, Inc. 503,545, Oct. 26; Serial No. 516,005.
Curtains, Lace, and lace fabrics in the piece. North American Lace Company, Inc. 503,572, Oct. 26; Serial No. 545,875.
Dinner cloths and curtains, Lace net. Granite Looms, Inc. 503,507, Oct. 26; Serial No. 543,442, published July 27, 1948.
Draperies and window curtains. J. L. Stifel & Sons, Inc. 503,465, Oct. 26; Serial No. 537,093, published July 20, 1948.
Drapes, Window curtain. Clopay Corporation. 503,547, Oct. 26; Serial No. 516,398.
Fabrics, Coated. Atlas Powder Company. 391,187, Oct. 28, 1941. Republished Oct. 26.
Fabrics in the piece. S. J. Aronsohn Inc. 336,276, June 30, 1936. Republished Oct. 26.
Fabrics in the piece. S. J. Aronsohn Inc. 336,569, July 7, 1936. Republished Oct. 26.
Fabrics in the piece. Empire Piece Dyeing and Finishing Company. 246,261, renewed Sept. 4, 1948. O. G. Oct. 26.
Fabrics in the piece, Dyed and finished. P-V-M-Corporation. 503,504, Oct. 26; Serial No. 542,645, published July 27, 1948.
Fabrics in the piece, Rayon and silk. S. J. Aronsohn Inc. 337,220, Aug. 4, 1936. Republished Oct. 26.
Fabrics in the piece, Silk. Onondaga Silk Company, Inc. 503,568, Oct. 26; Serial No. 541,443.
Fabrics in the piece, Woolen. Gay Brothers Company. 503,414, Oct. 26; Serial No. 531,009, published July 13, 1948.
Fabrics in the piece, Woolen and worsted. Pacific Mills. 503,506, Oct. 26; Serial No. 543,318, published July 27, 1948.
Fabrics in the piece, Woolen and worsted. Philip Shlansky & Bro., Inc. 400,187, Feb. 16, 1943. Republished Oct. 26.
Fabrics made wholly or partially of cellulose derivatives. Celanese Corporation of America. 252,706, renewed Feb. 12, 1949. O. G. Oct. 26.
Fabrics sold by the yard. Buenaventura Foreign Trade Corp. 503,554, Oct. 26; Serial No. 520,792.
Fabrics, Woven and knitted. Celanese Corporation of America. 252,494, renewed Feb. 12, 1949. O. G. Oct. 26.
Film made of plastic, Thin. Visking Corporation. 503,347, Oct. 26; Serial No. 504,650, published July 27, 1948.
Pads, Mattress, and table pads. Stanley Manufacturing Co., Inc. 503,450, Oct. 26; Serial No. 535,358, published July 20, 1948.
Piece goods. North American Rayon Corporation. 441,156, Oct. 26; Serial No. 506,189, published July 20, 1948.
Piece goods, Cotton. Canton Cotton Mills. 503,463, Oct. 26; Serial No. 536,761, published July 27, 1948.
Piece goods, Cotton. F. & R. Lazarus Company. 503,335, Oct. 26; Serial No. 480,338, published July 20, 1948.
Piece goods, Cotton, sheets, and pillow cases. Naumkeag Steam Cotton Company. 503,500, Oct. 26; Serial No. 542,481, published July 27, 1948.
Piece goods, Cotton, woolen, and rayon, and combinations thereof. Bibb Manufacturing Company. 503,343, Oct. 26; Serial No. 499,817, published July 20, 1948.
Piece goods, Knitted wool fleece. Warren Fabrics Co., Inc. 441,183, Oct. 26; Serial No. 524,222, published July 27, 1948.
Piece goods, Lace. Samuel Ehrman & Co., Inc. 503,562, Oct. 26; Serial No. 535,010.
Piece goods, namely corduroy. Boott Mills. 503,570, Oct. 26; Serial No. 542,716.
Piece goods of cotton, rayon, or mixtures thereof. Dan River Mills, Incorporated. 503,540, Oct. 26; Serial No. 508,402.
Piece goods of linen, cotton, rayon, etc. Blackstaff Flax Spinning and Weaving Company, Limited. 441,154, Oct. 26; Serial No. 504,959, published July 20, 1948.
Piece goods of silk, wool, linen, etc. Bernstein Brothers. 503,561, Oct. 26; Serial No. 533,698.
Piece goods, Rayon. Fenwick Textiles, Inc. 503,559, Oct. 26; Serial No. 531,024.
Piece goods, Rayon. Arthur S. Heiman, Inc. 503,364, Oct. 26; Serial No. 518,294, published July 20, 1948.
Piece goods, Rayon. Arthur S. Heiman, Inc. 503,365, Oct. 26; Serial No. 518,673, published July 20, 1948.
Piece goods, Rayon, treated to minimize shrinkage. Wellington Sears Company. 503,560, Oct. 26; Serial No. 532,075.
Piece goods, Woolen and worsted. D. W. Farnsworth. 503,567, Oct. 26; Serial No. 540,269.
Piece goods, Woolen and worsted. D. W. Farnsworth. 503,569, Oct. 26; Serial No. 541,531.
Piece goods, Woolen and worsted. H. Feinberg. 354,672, Feb. 15, 1938. Canceled Sept. 30, 1948. O. G. Oct. 26.
Piece goods, Woven, knitted, and netted. Firestone Tire & Rubber Company. 441,145, Oct. 26; Serial No. 498,831, published July 13, 1948.

Rayon by the piece, Woven. J. Rosenholz, Inc. 503,474, Oct. 26; Serial No. 538,179, published July 27, 1948.
Ribbon, sold by the piece. Classe Ribbon Works, Inc. 503,360, Oct. 26; Serial No. 514,801, published July 13, 1948.
Ribbons, Rayon and silk, metallic ribbon, and wide elastic. Warren Featherbone Co. 503,498, Oct. 26; Serial No. 542,197, published July 20, 1948.
Rugs. Hillside Cotton Mills. 251,311, renewed Jan. 1, 1949. O. G. Oct. 26.
Rugs. Klearflax Linen Looms, Inc. 503,464, Oct. 26; Serial No. 536,905, published July 20, 1948.
Rugs and textile floor mats. Deltox Rug Company. 503,563, Oct. 26; Serial No. 535,224.
Scrim in the piece. Boott Mills. 279,103, Jan. 6, 1931. Republished Oct. 26.
Scrims in the piece. Boott Mills. 503,566, Oct. 26; Serial No. 536,995.
Sheeting and table napkins, Cotton. Angelica Jacket Company. 503,468, Oct. 26; Serial No. 537,397, published July 27, 1948.
Sheeting or film, Plastic. Natural Products Co., Inc. 503,417, Oct. 26; Serial No. 532,330, published July 20, 1948.
Sheets, pillow cases, bedspreads, etc. Sleepmaster Products Company, Inc. 407,213, May 23, 1944. Republished Oct. 26.
Shirtings. Wamsutta Mills. 72,464, re-renewed Jan. 26, 1949. O. G. Oct. 26.
Table-cloths, and coverings. Post & Sherman. 441,180, Oct. 26; Serial No. 523,801, published July 13, 1948.
Textile fabrics in the piece. Concordia-Gallia Corporation. 503,497, Oct. 26; Serial No. 542,090, published July 20, 1948.
Textile fabrics in the piece. Folker Fabrics Corporation. 503,499, Oct. 26; Serial No. 542,457, published July 20, 1947.
Textile fabrics in the piece of silk, woolen, cotton, etc. Duzian's, Inc. 503,399, Oct. 26; Serial No. 530,176, published July 20, 1948.
Textile fabrics in the piece of wool, worsted, cotton, rayon, etc. Uxbridge Worsted Co., Inc. 503,447, Oct. 26; Serial No. 535,202, published July 27, 1948.
Textile fabrics, Woven. Gropper Knitting Mills, Inc. 503,352, Oct. 26; Serial No. 508,652, published July 20, 1948.
Ticking, Mattress. H. Keeton, Sr. 503,509, Oct. 26; Serial No. 543,932, published July 27, 1948.
Wash cloths. F. Vaiana. 503,541, Oct. 26; Serial No. 509,479.

CLASS 43

Yarns and threads. Algemeene Kunstzijde Unie, N. V. 441,181–2, Oct. 26; Serial Nos. 524,042–3, published June 8, 1948.
Yarns, Knitting. James Lees and Sons Company. 503,555, Oct. 26; Serial No. 524,245.
Yarns of wool, yarns of worsted, and hand-knitting yarns. L. Copley-Smith & Sons Limited. 411,913, Feb. 6, 1945. Canceled Sept. 24, 1948. O. G. Oct. 26.

CLASS 44

Arch supports, heel levelers, heel rests, etc. Wizard Lightfoot Appliance Company. 206,483, Dec. 1, 1925. Republished Oct. 26.
Bands to extend around teeth to provide a matrix to hold filling in the teeth. P. N. Condit. 503,438, Oct. 26; Serial No. 534,089, published July 27, 1948.
Clippers, Fingernail. H. C. Cook Company. 503,372, Oct. 26; Serial No. 526,524, published July 27, 1948.
Contact X-ray therapy, Apparatus for. Bracke-Seib X-Ray Co., Inc. 503,490, Oct. 26; Serial No. 540,768, published July 13, 1948.
Dilator, Nasal, nebulizer, prostatic dilator, and rectal dilator. Vitaminerals, Inc. 503,388, Oct. 26; Serial No. 527,631, published July 27, 1948.
Dilator, Nasal, nebulizer, prostatic dilator, and rectal dilator. Vitaminerals, Inc. 503,389, Oct. 26; Serial No. 527,723, published July 27, 1948.
Fabric material, Cast and splint forming. Tower Co., Inc. 503,369, Oct. 26; Serial No. 522,316, published July 27, 1948.
Holders, Nursing bottle. Carls Company. 503,469, Oct. 26; Serial No. 537,558, published July 27, 1948.
Implements, Manicure. C. J. Bates & Son. 413,314, Apr. 17, 1945. Republished Oct. 26, 1948.
Lamps, Electric-arc. Sanitarium and Hospital Equipment Company. 233,179, renewed Sept. 27, 1947. O. G. Oct. 26.
Nippers, Nail and cuticle. Voss Cutlery Company, Inc. 441,174, Oct. 26; Serial No. 520,987, published July 27, 1948.
Rubber gloves. Wilson Rubber Company. 287,094, Sept. 15, 1931. Republished Oct. 26.
Rubber gloves. Wilson Rubber Company. 338,691, Sept. 15, 1936. Republished Oct. 26.
Sanitary belts. Sam-Son Supply Manufacturing Corp. 441,143, Oct. 26; Serial No. 495,992, published Sept. 2, 1947.
Teeth, Artificial. Dentists' Supply Company of New York. 441,184, Oct. 26; Serial No. 524,306, published July 13, 1948.
Teeth, Artificial. Dentists' Supply Company of New York. 441,185, Oct. 26; Serial No. 524,307, published July 27, 1948.
Teeth, Artificial. Myerson Tooth Corporation. 503,334, Oct. 26; Serial No. 474,123, published July 27, 1948.
Teeth, Artificial. Myerson Tooth Corporation. 503,503, Oct. 26; Serial No. 542,629, published July 13, 1948.
Teeth, Artificial. Universal Dental Company. 247,437, renewed Sept. 25, 1948. O. G. Oct. 26.
X-ray treatment apparatus, Superficial skin. Bracke-Seib X-ray Co., Inc. 503,491, Oct. 26; Serial No. 540,769, published July 13, 1948.

CLASS 45

Beverages, Carbonated tonic. J. Ries. 54,610, June 26, 1906. Republished Oct. 26.
Beverages, Non-alcoholic, maltless cereal. Jackson Brewing Company. 131,504, May 18, 1920. Republished Oct. 26.
Beverages, Non-alcoholic non-cereal maltless. Jackson Brewing Company. 131,785, May 25, 1920. Republished Oct. 26.
Beverages, Non-intoxicating, non-alcoholic, non-cereal, maltless. H. C. Schranck Company. 184,797, June 3, 1924. Republished Oct. 26.
Fruit juices used for beverage purposes. Seeman Brothers, Inc. 418,229, Dec. 11, 1945. Republished Oct. 26.
Syrup. R. L. Eves. 31,317, renewed Feb. 22, 1948. O. G. Oct. 26.

CLASS 46

Alfalfa meal. Denver Alfalfa Milling & Products Co. 252,693, Feb. 12, 1929. Republished Oct. 26.
Algin-emulsifier composition. Kelco Company. 438,544, Apr. 27, 1948. Corrected. O. G. Oct. 26.
Almonds, Chocolate-covered, chocolate-covered raisins, and candy. Ohio Confection Company. 422,402, July 23, 1946. Republished Oct. 26.
Apples, Dehydrated. Washington Dehydrated Food Co. 170,508, July 17, 1923. Republished Oct. 26.
Apples, Evaporated. Washington Dehydrated Food Co. 280,708, Feb. 24, 1931. Republished Oct. 26.
Bakery sweet goods. Interstate Bakeries Corporation. 375,163, Feb. 13, 1940. New certificate. O. G. Oct. 26.
Baking soda (bicarbonate of soda) and baking powder, etc. Church & Dwight Co., Inc. 503,377, Oct. 26; Serial No. 526,780, published July 27, 1948.
Biscuit and crackers. National Biscuit Company. 71,785–7, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Biscuits. Perfection Biscuit Company. 173,818, Oct. 2, 1923. Republished Oct. 26.
Bread. Schulze Baking Company. 88,426, Sept. 17, 1912. New certificate. O. G. Oct. 26.
Bread and cake. Schulze Baking Company. 270,774, May 13, 1930. New certificate. O. G. Oct. 26.
Breakfast foods, Cereal, and popcorn in its natural state. R. F. Willey. 424,921, Oct. 29, 1946. Republished Oct. 26.
Butter, eggs, and dressed poultry. Omaha Cold Storage Company. 223,939, Feb. 15, 1927. Republished Oct. 26.
Cakes and cookies. Perfection Biscuit Company. 93,903, Oct. 21, 1913. Republished Oct. 26.
Candies, glacé fruits, chocolates, etc. Charles & Co. 66,792, Dec. 31, 1907. Republished Oct. 26.
Candy. Cardinet Candy Company, Inc. 200,928, July 14, 1925. Republished Oct. 26.
Candy. Williamson Candy Co. 152,550, Feb. 28, 1922. Republished Oct. 26.
Candy. Williamson Candy Company. 317,932, Oct. 9, 1934. Republished Oct. 26.
Candy. Williamson Candy Company. 362,041, Nov. 8, 1938. Republished Oct. 26.
Candy. Williamson Candy Company. 372,829, Nov. 14, 1939. Republished Oct. 26.
Candy and salted peanuts. C. H. Cox. 503,426, Oct. 26; Serial No. 532,570, published July 27, 1948.
Candy confection. Williamson Candy Company. 224,744, Mar. 1, 1927. Republished Oct. 26.
Canned and dehydrated fruits and canned and dehydrated vegetables. King's Food Products Company. 168,640, May 29, 1923. Republished Oct. 26.
Canned and salted fish, canned vegetables, dried vegetables, canned fruits, etc. Steele-Wedeles Company. 171,139, July 31, 1923. Republished Oct. 26.
Canned berries and canned fruits. Olympia Canning Company. 191,276, Nov. 4, 1924. Republished Oct. 26.
Canned fish. Franco-Italian Packing Co., Inc. 224,239, Feb. 22, 1927. Corrected. O. G. Oct. 26.
Canned fish. E. B. McGovern. 327,423, Aug. 27, 1935. Republished Oct. 26.
Canned fish. McGovern & McGovern. 309,598, Jan. 23, 1934. Republished Oct. 26.
Canned fish. Seeman Brothers, Inc. 240,269, Mar. 20, 1928. Republished Oct. 26.
Canned fish. Seeman Brothers, Inc. 244,877, July 31, 1928. Republished Oct. 26.
Canned fish, canned fruits and vegetables, canned berries. McGovern and McGovern. 238,105, Jan. 24, 1928. Republished Oct. 26.
Canned food products. Old Mission Packing Corp., Ltd. 330,896, Dec. 17, 1935. Corrected. O. G. Oct. 26.
Canned fruits. National Fruit Canning Co. 249,330, renewed Nov. 13, 1948. O. G. Oct. 26.

Canned fruits. Olympia Canning Company. 168,374, May 22, 1923. Republished Oct. 26.
Canned fruits. Olympia Canning Company. 168,615, May 29, 1923. Republished Oct. 26.
Canned fruits. Olympia Canning Company. 193,235, Dec. 23, 1924. Republished Oct. 26.
Canned fruits and vegetables. M. O'Connor and Co. 114,175, Dec. 5, 1916. Republished Oct. 26.
Canned fruits and vegetables. Oregon Growers Cooperative Association. 173,615, Oct. 2, 1923. Republished Oct. 26.
Canned fruits and vegetables. Paxton & Gallagher Co. 332,237, Feb. 4, 1936. Republished Oct. 26.
Canned fruits, berries, and vegetables. Western Oregon Packing Corporation. 400,727, Mar. 30, 1943. Republished Oct. 26.
Canned fruits, canned vegetables, canned salmon, etc. Steele-Wedeles Company. 107,022, Nov. 9, 1915. Republished Oct. 26.
Canned fruits, canned vegetables, rice, etc. Cincinnati Wholesale Grocery Company. 285,535, July 28, 1931. Republished Oct. 26.
Canned-fruits, preserved fruit, dried fruit, etc. Wurm Brothers Company. 243,926, July 3, 1928. Republished Oct. 26.
Canned goods as follows: asparagus, beans, cherries, etc., Certain. Seeman Brothers, Inc. 340,718, Nov. 17, 1936. Republished Oct. 26.
Canned goods, canned fruits, canned berries, etc. Haas-Lieber Grocery Company. 214,956, July 6, 1926. Republished Oct. 26.
Canned olives. Old Mission Packing Corp., Ltd. 336,387, July 7, 1936. Corrected. O. G. Oct. 26.
Canned olives, orange, marmalade, etc. Old Mission Packing Corp., Ltd. 297,292, Sept. 6, 1932. Corrected. O. G. Oct. 26.
Canned peas. Paxton & Gallagher Co. 90,049, Jan. 28, 1913. Republished Oct. 26.
Canned salmon. Alaska Packers Association. 71,725, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,729, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,735, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,738–9, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,741, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,743, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,744–5, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,747–8, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,753, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,755, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,767–8, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,772–3, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,774, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,841–2, re-renewed Dec. 15, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,881, re-renewed Dec. 22, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 71,883, re-renewed Dec. 22, 1948. O. G. Oct. 26.
Canned salmon. Alaska Packers Association. 72,059, re-renewed Dec. 29, 1948. O. G. Oct. 26.
Canned salmon. Deep Sea Salmon Company. 125,565, May 27, 1919. Republished Oct. 26.
Canned salmon. P. E. Harris & Co. 111,636, July 25, 1916. Republished Oct. 26.
Canned salmon. P. E. Harris & Co. 126,855, Oct. 7, 1919. Republished Oct. 26.
Canned salmon. Hawk Fish Company. 82,979, Aug. 8, 1911. Republished Oct. 26.
Canned salmon. McGovern & McGovern. 173,771, Oct. 2, 1923. Republished Oct. 26.
Canned salmon. Point Adams Packing Co. 255,529, Apr. 23, 1929. Republished Oct. 26.
Canned salmon. Point Adams Packing Co. 365,728, Mar. 14, 1939. Republished Oct. 26.
Canned salmon. Roundup Fisheries Company. 123,388, Oct. 29, 1918. Republished Oct. 26.
Canned salmon. Roundup Grocery Company. 213,493, June 1, 1926. Republished Oct. 26.
Canned salmon, canned fruits, berries, etc. McGovern and McGovern. 240,114, Mar. 20, 1928. Republished Oct. 26.
Canned vegetables. H. P. Cannon. 67,706, Feb. 18, 1908. Republished Oct. 26.
Canned vegetables. Olympia Canning Company. 252,308, Jan. 29, 1929. Republished Oct. 26.
Canned vegetables. Stayton Canning Co. Co-operative. 503,459, Oct. 26; Serial No. 536,306, published July 27, 1948.
Coffee. Alexander-Balart Company. 251,850, Jan. 15, 1929. Republished Oct. 26.
Coffee. W. H. Beimes. 234,189, Oct. 18, 1927. Republished Oct. 26.
Coffee. Steele-Wedeles Company. 285,842, Aug. 11, 1931. Republished Oct. 26.
Coffee. Steele-Wedeles Company. 375,681, Feb. 27, 1940. Republished Oct. 26.
Coffee and tea. Alexander-Balart Company. 503,457, Oct. 26; Serial No. 536,212, published July 27, 1948.
Coffee and tea. Paxton & Gallagher Co. 154,655, Apr. 18, 1922. Republished Oct. 26.
Coffee, Blend of, with other ingredients. S. S. Pierce Co. 58,135, Dec. 4, 1906. Republished Oct. 26.
Corn flour, Preparation of. National Starch Manufacturing Company. 19,679, June 9, 1891. Republished Oct. 26.
Crackers and biscuits. Independent Baking Company. 237,146, Jan. 3, 1928. Republished Oct. 26.
Cream cheese, Blend of, Roquefort cheese, spices, etc. Kraft Foods Company. 441,170, Oct. 26; Serial No. 516,702, published July 27, 1948.
Currants and mincemeat, Dried. W. H. Marvin Company. 250,086, renewed Nov. 27, 1948. O. G. Oct. 26.
Dairy ration. Ubiko Milling Company. 132,059, June 8, 1920. Republished Oct. 26.
Dairy ration. Ubiko Milling Company. 160,032, Oct. 10, 1922. Republished Oct. 26.
Dog-biscuits. Sterling Biscuit Company. 72,501, re-renewed Jan. 26, 1949. O. G. Oct. 26.
Feed flavors. Flavor Corporation of America. 503,394, Oct. 26; Serial No. 529,156, published July 27, 1948.
Feed for livestock and poultry, Mixed. Ubiko Milling Company. 322,578–9, Mar. 12, 1935. Republished Oct. 26.
Feed, Horse. Hales & Hunter Co. 325,976–7, July 9, 1935. Republished Oct. 26.
Food, Horse. Hales & Hunter Co. 327,397, Aug. 27, 1935. Republished Oct. 26.
Feed, Poultry. Hales & Hunter Co. 328,130, Sept. 17, 1935. Republished Oct. 26.
Feeds, Livestock, poultry and dog. Allied Mills, Inc. 503,391, Oct. 26; Serial No. 528,167, published July 27, 1948.
Fish fillets, Fresh. Henry & Close Company. 295,640, July 5, 1932. Republished Oct. 26.
Fish fillets, Fish. Henry & Close Company. 297,201, Sept. 6, 1932. Republished Oct. 26.
Fish fillets, Frozen. Henry & Close Company. 295,993, July 19, 1932. Republished Oct. 26.
Fish, Fresh. O'Donnell Company. 249,778, renewed Nov. 20, 1948. O. G. Oct. 26.
Fish, Frozen. B. A. Griffin Company. 241,515, renewed May 1, 1948. O. G. Oct. 26.
Fish sausages. Mermaid Products Corporation. 372,165, Oct. 24, 1939. Canceled July 23, 1948. O. G. Oct. 26.
Flour, Wheat. Blish Milling Company. 241,159, Apr. 17, 1928. Republished Oct. 26.
Flour, Wheat. Fisher Flouring Mills Company. 239,799, Mar. 13, 1928. Republished Oct. 26.
Food, Dog. Hales & Hunter Co. 326,688, July 30, 1935. Republished Oct. 26.
Food product for infants and invalids, Specially-prepared. Mead Johnson & Company. 252,447, renewed Feb. 5, 1949. O. G. Oct. 26.
Foods, Stock and poultry. Ubiko Milling Company. 177,022, Dec. 11, 1923. Republished Oct. 26.
French dressing. Louis Milani Foods. 410,811, Dec. 19, 1944. Republished Oct. 26.
French dressing. Louis Milani Foods. 411,070, Jan. 2, 1945. Republished Oct. 26.
Fruit preserves. J. M. Smucker Co. 278,826, Dec. 30, 1930. Republished Oct. 26.
Fruits and vegetables, Fresh deciduous. J. C. Watson Company. 331,050, Dec. 24, 1935. Republished Oct. 26.
Fruits, apples, and pears, Second quality of fresh deciduous. Yakima County Horticultural Union. 98,030, June 30, 1914. Republished Oct. 26.
Fruits, Basketed fresh. Charles & Co. 66,385, Nov. 26, 1907. Republished Oct. 26.
Fruits, Fresh. Holmes Brothers. 386,023, Mar. 25, 1941. Republished Oct. 26.
Fruits, Fresh. Holmes Brothers. 400,009, Feb. 9, 1943. Republished Oct. 26.
Fruits, Fresh. Pehastin Fruit Growers Association. 196,417, Mar. 17, 1925. Republished Oct. 26.
Fruits, Fresh citrus. Jos. Eichelberger & Company. 310,714, Mar. 6, 1934. Republished Oct. 26.
Fruits, Fresh citrus. Haines City Citrus Growers Association. 503,412, Oct. 26; Serial No. 531,796, published July 27, 1948.
Fruits, Fresh citrus. South Lake Apopka Citrus Growers Ass'n. 189,084, Sept. 9, 1924. Republished Oct. 26.
Ham, sausages, frankfurters, and bacon. M. H. Greenebaum, Inc. 251,436, renewed Jan. 8, 1949. O. G. Oct. 26.
Hams and bacon. E. M. Todd Co. 184,702, May 27, 1924. Republished Oct. 26.
Ice cream. Coastal Dairy Products, Inc. 441,150, Oct. 26; Serial No. 503,058, published Jan. 28, 1947.
Isinglass. Cape Ann Isinglass Company. 248,403, renewed Oct. 23, 1948. O. G. Oct. 26.
Jams and jellies. Oelerich & Berry Company. 503,384, Oct. 26; Serial No. 527,147, published July 27, 1948.
Juices, Vegetable. Seeman Brothers, Inc. 393,825, Mar. 3, 1942. Republished Oct. 26.
Lettuce and cauliflower, Fresh. H. Y. Minami, Jr. 281,998, Apr. 7, 1931. Republished Oct. 26.
Malt sirup for food purposes. Jackson Brewing Company. 237,334–5, Jan. 10, 1928. Republished Oct. 26.

Matzoths, matzoth meal, noodle soup mix, alimentary pastes, etc. Horowitz Bros. & Margareten. 503,340, Oct. 26; Serial No. 495,972, published July 27, 1948.
Mayonnaise and French dessing. Nalley's Inc. 295,212, June 21, 1932. Republished Oct. 26.
Mayonnaise, cove oysters in tins, olives, etc. Cincinnati Wholesale Grocery Company. 284,912, July 14, 1831. Republished Oct. 26.
Mayonnaise, thousand island dressing, salad dressing, etc. Nalley's, Inc. 295,211, June 21, 1932. Republished Oct. 26.
Milk, Evaporated. R. B. Page. 225,709, Mar. 22, 1927. Republished Oct. 26.
Milk powder. Middletown Milk & Cream Co. Inc. 420,800, May 7, 1946. Canceled Sept. 24, 1948. O. G. Oct. 26.
Molasses and sirup, Table, ground spices and candies. Malone & Hyde, Inc. 164,670, Feb. 27, 1923. Republished Oct. 26.
Olive oil. John Ambiola & Company, Inc. 503,397, Oct. 26; Serial No. 530,052, published July 27, 1948.
Olive oil. S. Citti. 234,697, renewed Nov. 1, 1947. O. G. Oct. 26.
Oranges, Fresh, fresh lemons, and fresh grapes, grapefruit. Klink Citrus Association. 249,329, Nov. 13, 1928. Republished Oct. 26.
Peaches, Frozen fresh, blackberries, raspberries, etc. Tennessee Fresh Frozen Foods, Inc. 441,141, Oct. 26; Serial No. 490,552, published July 27, 1948.
Pickles and sweet pickle relishes. Chas. F. Cates & Sons, Inc. 370,733, Sept. 5, 1939. Republished Oct. 26.
Pickles, fruit preserves, sweet and sour relish, etc. Chas. F. Cates & Son, Inc. 303,711, June 6, 1933. Republished Oct. 26.
Pickles, Sweet, sour pickles, dill pickles. Chas. F. Cates & Sons, Inc. 302,741, Apr. 25, 1933. Republished Oct. 26.
Pickles, Sweet, sour pickles, dill pickles, etc. Chas. F. Cates & Sons, Inc. 304,813, July 18, 1933. Republished Oct. 26.
Pop corn not popped, Shelled, pop corn popped, and popcorn confections. Lummis & Company. 247,763, renewed Oct. 2, 1948. O. G. Oct. 26.
Raisins. B. A. Sarkisian. 416,348, Sept. 4, 1945. Republished Oct. 26.
Salad dressing. Nalley's, Inc. 292,577, Mar. 15, 1932. Republished Oct. 26.
Sausage, fresh cured and smoked pork and beef, lard, etc. Albany Packing Co., Inc. 243,518, June 26, 1928. Republished Oct. 26.
Spaghetti sauce. Venice Maid Co., Inc. 348,580, Aug. 3, 1937. Republished Oct. 26.
Spaghetti sauce, canned tomatoes, canned string beans, etc. Venice Maid Co., Inc. 342,139, Jan. 5, 1937. Republished Oct. 26.
Tea. C. W. Antrim & Sons. 71,371, Nov. 24, 1908. Republished Oct. 26.
Tea, rice, noodles, etc. Mandarin Sauce Co. 223,908, Feb. 15, 1927. Republished Oct. 26.
Tomatoes, Fresh, and fresh citrus fruits. Polis & Hagan. 405,627, Feb. 8, 1944. Republished Oct. 26.
Tomatoes, Fresh, and fresh citrus fruit. Polis & Hagan. 407,581, June 13, 1944. Republished Oct. 26.
Vegetables, Fresh, fresh deciduous fruits and fresh rhubarb. Mojonnier & Sons, Inc. 381,633, Oct. 1, 1940. Republished Oct. 26.
Wheat-flour. Mennel Milling Company. 131,551, May 18, 1920. New certificate. O. G. Oct. 26.
Wheat-flour. Mennel Milling Company. 138,064, Dec. 14, 1920. New certificate. O. G. Oct. 26.
Wheat-flour. Miner-Hillard Milling Company. 97,633, June 16, 1914. Republished Oct. 26.

CLASS 47

Sherry. J. R. Parkington & Co., Ltd. 335,988, June 23, 1936. Republished Oct. 26.
Wine. Pleasant Valley Wine Company. 50,335, Mar. 13, 1906. Republished Oct. 26.
Wine, Muscatel. J. R. Parkington & Co., Ltd. 252,325, Feb. 5, 1929. Republished Oct. 26.
Wines. H. A. Kluxen. 318,572, Oct. 30, 1934. Republished Oct. 26.
Wines. Sherry's Liquor Stores. 330,463, Dec. 3, 1935. Republished Oct. 26.
Wines, Port and sherry. J. R. Parkington & Co., Ltd. 241,055, Apr. 17, 1928. Republished Oct. 26.

CLASS 48

Beer. Jackson Brewing Company. 389,139, July 29, 1941. Republished Oct. 26.
Beer. Jackson Brewing Company. 398,717, Nov. 17, 1942. Republished Oct. 26.
Beer. Seattle Brewing and Malting Company. 101,651, Jan. 5, 1915. Republished Oct. 26.
Beverage, Malt. Jackson Brewing Company. 321,042, Jan. 15, 1935. Republished Oct. 26.
Beverages, Bottled malt. Jackson Brewing Company. 136,480, Nov. 2, 1920. Republished Oct. 26.
Sirup, Malt. Jackson Brewing Company. 226,990, Apr. 26, 1927. Republished Oct. 26.

CLASS 49

Cordial. Midland Distilleries, Inc. 317,529, Sept. 25, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 311,046–8, Mar. 13, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 311,313, Mar. 20, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 311,991, Apr. 10, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 312,063, Apr. 17, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 312,078, Apr. 17, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 312,081–2, Apr. 17, 1934. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 322,552, Mar. 12, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 326,444, July 16, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 326,603, July 30, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 327,188, Aug. 20, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 327,237, Aug. 20, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 328,370, Sept. 24, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 328,598, Oct. 1, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 328,757, Oct. 1, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 328,834, Oct. 8, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 329,032, Oct. 15, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 329,994, Nov. 19, 1935. Republished Oct. 26.
Whiskey. Continental Distilling Corporation. 334,231, Apr. 21, 1936. Republished Oct. 26.

CLASS 50

Fabric treated with non-slipping material. Behr-Manning Corporation. 365,713, Mar. 14, 1939. Republished Oct. 26.
Fiber in sheet, tube, and rod form, Water-resistant vulcanized. Continental-Diamond Fibre Company. 316,637, Aug. 28, 1934. Republished Oct. 26.
Sheeting, Rubber. J. C. Penney Company. 246,535, renewed Sept. 11, 1948. O. G. Oct. 26.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 26TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Blanchet, Joseph E. A., Mystic, Conn., assignor to Sonoco Products Company, Hartsville, S. C. Core for yarn or thread packages and making the same. Re. 23,046, Oct. 26.

Sonoco Products Company, assignee: *See*—
Blanchet, Joseph E. A.

Wicks, Geraldo C., New York, N. Y. Electric heater. Re. 23,047, Oct. 26.

LIST OF PLANT PATENTEES

Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 809, Oct. 26.

Hill, Joseph H., Company, assignee: *See*—
Byrum, Roy L.

LIST OF DESIGN PATENTEES

Alderson, William F., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Toothbrush handle. 151,483, Oct. 26.

Allison, Willis C., Wichita Falls, Tex. Awning or the like. 151,484, Oct. 26.

Andres, Lloyd J., assignee: *See*—
Martling, Lockwood, Jr.

Anita-Gay Creations, Inc., assignee: *See*—
Scott, Dorris M., and Steinberg.

Aronek, Max, Altadena, Calif. Lamp. 151,485, Oct. 26.

Batchelder, William G., Omaha, Nebr. Game board. 151,486, Oct. 26.

Bjorncrantz, Carl G., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Space heater casing. 151,487, Oct. 26.

Bjorncrantz, Carl G., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Space heater casing. 151,488, Oct. 26.

Bookman, Charles F., Jr., University Heights, and Z. H. Jammé, assignors to Railley Corporation, Cleveland, Ohio. Combined bracket lamp socket and control switch. 151,489, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,490, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,491, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,492, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,493, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,494, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,495, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,496, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,497, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,498, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,499, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,500, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,501, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,502, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,503, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,504, Oct. 26.

Boucher, Marcel, New York, N. Y. Brooch or similar article. 151,505, Oct. 26.

Bulova Watch Company, Inc., assignee: *See*—
Fachon, Emil E.

Charles of The Ritz, Inc., assignee: *See*—
Colwell, Laurence J.

Cohen, Sidney, assignor to Morris W. Haft & Bros., Inc., New York, N. Y. Suit. 151,506, Oct. 26.

Colwell, Laurence J., assignor to Charles of The Ritz, Inc., New York, N. Y. Bottle. 151,507, Oct. 26.

Coro, Inc., assignee: *See*—
Katz, Adolph.

Dente, James V., Staten Island, N. Y. Sewing rack. 151,508, Oct. 26.

Derby, George T.: *See*—
Raine, Russell W., and Derby.

Electric-Aire Engineering Corporation, assignee: *See*—
Hewitt, Elmer S.

Enterprise Manufacturing Co., The, assignee: *See*—
Hess, Frederick P., and Wormeck.

Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y. Expansible link chain for a bracelet or similar article. 151,509, Oct. 26.

Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y. Expansible link chain for a bracelet or similar article. 151,510, Oct. 26.

Friden Calculating Machine Co., Inc., assignee: *See*—
Machado, Anthony B.

Goldstein, Jean H., now by change of name: *See*—
Harber, Jean.

Graven, Nettie E., Wooster, Ohio. Cream pitcher or similar article. 151,511, Oct. 26.

Haft, Morris W., & Bros., Inc., assignee: *See*—
Cohen, Sidney.

Harber, Jean, Weehawken, N. J., now by change of name, J. H. Goldstein. Bead collar or similar article. 151,512, Oct. 26.

Hayman, Fred J., Forest Hills, N. Y. Combined cigar, cigarette, and match holder. 151,513, Oct. 26.

Hess, Frederick P., and H. A. Wormeck, assignors to The Enterprise Manufacturing Co., Philadelphia, Pa., Food chopper. 151,514, Oct. 26.

Hewitt, Elmer S., Wilmette, assignor to Electric-Aire Engineering Corporation, Chicago, Ill. Electric drier casing. 151,515, Oct. 26.

Jammé, Zia H.: *See*—
Bookman, Charles F., Jr., and Jammé.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,516, Oct. 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 151,517, Oct. 26.

Kent, G. B., & Sons, Limited, assignee: *See*—
Taylor, Robert F.

Klotz, Carl, assignee: *See*—
Southwell, Ernest E.

Kraft, Marie J., assignor to The Warren Featherbone Co., Three Oaks, Mich. Apron. 151,518, Oct. 26.

Laybolt, Harry, Brockton, Mass. Shoe sole. 151,519, Oct. 26.

Liello, Jerusha K., New York, N. Y. Perfume bottle. 151,520, Oct. 26.

Machado, Anthony B., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 151,521, Oct. 26.

Martling, Lockwood, Jr., Chicago, assignor to L. J. Andres, Itasca, Ill. Remote controller casing. 151,522, Oct. 26.

Meadow, Leon E., New York, N. Y. Handbag. 151,523, Oct. 26.

Meadow, Leon E., New York, N. Y. Handbag. 151,524, Oct. 26.

Owens-Illinois Glass Company, assignee: *See*—
Alderson, William F.

Packard, Harold C., Portland, Oreg. Combined fireplace screen and fender. 151,525, Oct. 26.

Parker, Edwin D., assignor to The Parker Pattern and Foundry Company, Springfield, Ohio. Lawn sweeper. 151,526, Oct. 26.
Parker, Edwin D., assignor to The Parker Pattern and Foundry Company, Springfield, Ohio. Lawn sweeper. 151,527, Oct. 26.
Parker Pattern and Foundry Company, The, assignee: *See*—
Parker, Edwin D.
Patek, Benjamin, Bronx, N. Y. Jewelry component. 151,528, Oct. 26.
Pennino, Oreste, New York, N. Y. Combined brooch and watch. 151,529, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,530, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,531, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,532, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,533, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,534, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,535, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,536, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 151,537, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,538, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,539, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,540, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 151,541, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 151,542, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,543, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,544, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,545, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar artfcle. 151,546, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 151,547, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,548, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip or similar article. 151,549, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 151,550, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,551, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,552, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,553, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,554, Oct. 26.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 151,555, Oct. 26.
Quackenbush, Andrew, Clifton, N. J. Savings bank. 151,556, Oct. 26.
Railley Corporation, assignee: *See*—
Bookman, Charles F., Jr., and Jammé.
Raine, Russell W., and G. T. Derby, Jacksonville, Fla. Ash tray. 151,557, Oct. 26.
Russi, Lewis W., Denver, Colo. Smoking pipe attachment. 151,558, Oct. 26.
Sachs, Herbert W., Washington, D. C. Building. 151,559, Oct. 26.
Scott, Dorris M., and E. Steinberg, assignors to Anita-Gay Creations, Inc., Los Angeles, Calif. Belt. 151,560, Oct. 26.
Sears, Roebuck and Co., assignee: *See*—
Bjorncrantz, Carl B.
Sommerville, Andrew, Pasadena, Calif. Lamp. 151,561, Oct. 26.
Southwell, Ernest E., Vallejo, assignor of one-half to C. Klotz, Santa Rosa, Calif. Dice game device. 151,562, Oct. 26.
Steinberg, Evelyn: *See*—
Scott, Dorris M., and Steinberg.
Strassner, John F., New York, N. Y. Dress. 151,563, Oct. 26.
Strassner, John F., New York, N. Y. Dress ensemble. 151,564, Oct. 26.
Strassner, John F., New York, N. Y. Dress. 151,565, Oct. 26.
Strassner, John F., New York, N. Y. Dress. 151,566, Oct. 26.
Strassner, John F., New York, N. Y. Dress ensemble. 151,567, Oct. 26.
Strassner, John F., New York, N. Y. Dress. 151,568, Oct. 26.
Sutton, John H., Los Angeles, Calif. Match book holder. 151,569, Oct. 26.
Taylor, Robert F., Hounslow, assignor to G. B. Kent & Sons, Limited, London, England. Palate plate brush. 151,570, Oct. 26.
Tillinghast, George H., Burlington, N. J. Dummy plug for electric outlets. 151,571, Oct. 26.
Tomarin, Harry A., Cincinnati, Ohio. Tie rack or similar article. 151,572, Oct. 26.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Warren Featherbone Co., The, assignee: *See*—
Kraft, Marie J.
Weckstein, Joseph, New York, N. Y. Fur coat. 151,573, Oct. 26.
Westinghouse Electric Corporation, assignee: *See*—
Winkler, Frederic C., and Wyman.
Williams, John F., Hingham, Mass. Door knocker. 151,574, Oct. 26.
Winkler, Frederic C., and B. A. Wyman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation. Luminaire. 151,575, Oct. 26.
Winkler, Frederic C., and B. A. Wyman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation. Luminaire. 151,576, Oct. 26.
Winkler, Frederic C., and B. A. Wyman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation. Luminaire. 151,577, Oct. 26.
Wormeck, Herbert A.: *See*—
Hess, Frederick P., and Wormeck.
Wyman, Burton A., et al.: *See*—
Winkler, Frederic C., and Wyman.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 26TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip reversing binder for sewing machines. 2,452,419, Oct. 26.
Adams, Edward W.: *See*—
Cady, George H., and Adams.
Addorisio, Patsy, Portchester, N. Y. Vehicle speed indicating device. 2,452,344, Oct. 26.
Agriculture, United States of America, as represented by the Secretary of, assignee: *See*—
Ault, Waldo C., and Schaeffer.
Balch, Royal T.
Rehberg, Chessie E., and Fisher.
Air-Flo Compressor Company, The, assignee: *See*—
Fischer, William V.
Air Reduction Company, Incorporated, assignee: *See*—
Helmkamp, Richard F.
Ajax Electrothermic Corporation, assignee: *See*—
Kennedy, Theodore R.
Albi Manufacturing Company, Incorporated, assignee: *See*—
Jones, Grinnell J., and Soll.
Alco Valve Company, assignee: *See*—
Dube, John E.
Allan, John, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Phenol-aldehyde molding compositions. 2,452,420, Oct. 26.
Allen, Juanita H.: *See*—
Allen, La Bron R. and J. H., and Kabitsch.
Allen, La Bron R. and J. H., and R. L. Kabitsch, assignors to Signet, Ltd., Cincinnati, Ohio. Tab reminder device. 2,452,217, Oct. 26.
Allied Chemical & Dye Corporation, assignee: *See*—
Flett, Lawrence H.
Gunaer, Percy W.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Dahlstrand, Hans P.
Allnutt, Ralph B., Glen Echo Heights, Md., and R. T. McGoldrick, Brooklyn, N. Y. Torsional oscillation generator. 2,452,031, Oct. 26.
Alty, Harold J.: *See*—
Partridge, William A., and Alty.
American Blower Corporation, assignee: *See*—
Walters, Thomas A.
American Can Company, assignee: *See*—
Saubestre, Basil F.
American Enka Corporation, assignee: *See*—
Kayser, Guillaume M. A.
American-Maize Products Company, assignee: *See*—
Morgan, Willard L.
Morgan, Willard L., and Faelten.
Ames, Charles F., New York, N. Y. Vacuum return pumping unit. 2,452,421, Oct. 26.
Anderson, Homer G., Waban, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,452,032, Oct. 26.
Anglo-Iranian Oil Company Limited, assignee: *See*—
Partridge, William A., and Alty.
Anselmo, Ceyl, Atlantic City, N. J. Brassière. 2,452,345, Oct. 26.
Appleman, Joseph F., Chicago, Ill. Garment hanger. 2,452,346, Oct. 26.
Armstrong, James, & Company, assignee: *See*—
Feasey, Charles E.
Arnold, Frank B., New York, N. Y. Packaging. 2,452,174, Oct. 26.
Arnold, Ralph J.: *See*—
Crehan, William J., and Arnold.
Arnold, Ralph J., Western Springs, Ill., and W. D. MacDonald, Santa Monica, and R. D. Collins, Beverly Hills, Calif., assignors, by mesne assignments, of one-half to Kellogg Switchboard and Supply Company, Chicago, Ill., and one-half to R. D. Collins, Beverly Hills, Calif. Apparatus for producing elastic coils with connecting tails. 2,452,435, Oct. 26.
Art Metal Construction Company, assignee: *See*—
Wells, Roy E.
Aschner, Thomas C.: *See*—
Bitler, William P., Aschner, and Nicholl.
Athy, Lawrence F., assignor to Continental Oil Company, Ponca City, Okla. Making geophysical explorations. 2,452,515, Oct. 26.
Atkins, Samuel L., New York, N. Y. Line securing device. 2,452,175, Oct. 26.
Atlas Consolidated Corporation: *See*—
Turkat, Meyer.
Attorney General of the United States, vested in: *See*—
Muller, Jacques.

Atwood Vacuum Machine Company, The: *See*—
Johnson, George H.
Auer, William F., Menasha, Wis. Ventilated toilet. 2,452,282, Oct. 26.
Ault, Waldo C., Philadelphia, and B. B. Schaeffer, Upper Darby, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Rubber-like product and preparation. 2,452,092, Oct. 26.
Auto Specialties Manufacturing Company, assignee: *See*—
Mueller, Joseph J.
Baker Manufacturing Company, The: *See*—
Washbond, Harry H.
Balch, Royal T., Houma, La., assignor to the United States of America as represented by the Secretary of Agriculture. Purification of hard waxes by removal of soft fatty components. 2,452,093, Oct. 26.
Ball, Thomas M., Detroit, assignor to Chrysler Corporation Highland Park, Mich. Valve catcher. 2,452,283, Oct. 26.
Barton, William N.: *See*—
Eslinger, Wallace V., and Barton.
Bascom, Roger C., Port Clinton, Ohio, assignor to Rubatex Products, Inc., New York, N. Y. Vulcanization. 2,452,347, Oct. 26.
Basham, Cecil L., Athens, Ga. Electrical connector. 2,452,422, Oct. 26.
Bass, Arthur P., Newark, N. J. Tool for removing wire insulation. 2,452,423, Oct. 26.
Beach, Walter A., assignor to Cardox Corporation, Chicago, Ill. Fire extinguishing method. 2,452,348, Oct. 26.
Beare, Charles H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Injection of brake linings. 2,452,284, Oct. 26.
Beatty, Lowell C., assignor to Beatty Machine & Manufacturing Company, Hammond, Ind. Spacing table. 2,452,285, Oct. 26.
Beatty Machine & Manufacturing Company, assignee: *See*—
Beatty, Lowell C.
Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Directive radio antenna. 2,452,349, Oct. 26.
Beeman, Donald R.: *See*—
Liber, Harry, and Beeman.
Bell, Morris, assignor to Seeman Bros., Inc., New York, N. Y. Wick holder for evaporators. 2,452,424, Oct. 26.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Farkas, Francis S.
Hersey, Ralph E.
Hibbard, Frank H.
Sears, Raymond W.
Stacy, Leland J.
Bemis, Ken E., Oakland, Calif. Hamburger apportioning, forming, and wrapping machine. 2,452,218, Oct. 26.
Bendix Aviation Corporation, assignee: *See*—
Hauck, Vernon D.
Wood, Louvan E.
Benjamin, Allen, Chicago, Ill. Spring band. 2,452,286, Oct. 26.
Bent, Arthur J., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure controlled actuator. 2,452,176, Oct. 26.
Bergman, Gote E., New York, N. Y. Razor blade sharpener. 2,452,094, Oct. 26.
Bergvall, Knut L., and E. E. Dahlberg, Stockholm, Sweden. Device for the joining of tubes. 2,452,219, Oct. 26.
Berkholder, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch. 2,452,425, Oct. 26.
Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Cylinder ridge reamer. 2,452,095, Oct. 26.
Bertalotto, Marion F., Monett, Mo. Combined billfold and card retainer. 2,452,096, Oct. 26.
Bethlehem Steel Company, assignee: *See*—
Wilson, Tom.
Bezzerides, Paul A., Orosi, Calif. Hot cap setting machine. 2,452,287, Oct. 26.
Bilofsky, Maxwell M., assignee: *See*—
Warsher, Adolph.
Bitler, William P., Haverstraw, T. C. Aschner, Stony Point, and L. Nicholl, Nyack, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Preparing alkyl esters of chloroacetic acid. 2,452,350, Oct. 26.
Blando, Thomas R., Utica, N. Y. Bowling score indicator. 2,452,288, Oct. 26.
Blaske, Edward C., Wellsville, N. Y. Holder for sheet material. 2,452,426, Oct. 26.

Bletcher, James H., assignee et al.: *See*—
Bucknell, Ernest H., and Bletcher.
Bletcher, Pearl W., assignee et al.: *See*—
Bucknell, Ernest H., and Bletcher.
Bletcher, Ralph E.: *See*—
Bucknell, Ernest H., and Bletcher.
Bloxom, Harvey L., and E. M. Shideler, Council Bluffs, Iowa. Multiple holder of quartz oscillator plates. 2,452,351, Oct. 26.
Bodimer, Gilbert E., Indianapolis, Ind. Mop holder with dual tape tensioning structure. 2,452,177, Oct. 26.
Boeing Airplane Company, assignee: *See*—
Stoner, George H.
Bokum, William F., Jenkintown, assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Condenser. 2,452,427, Oct. 26.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Self-aligning bearing. 2,452,352, Oct. 26.
Borg-Warner Corporation: *See*—
Candler, James N.
Born, Frank G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Tractor trailer brake control. 2,452,033, Oct. 26.
Bornside, Harry B., Providence, R. I. Household incinerator. 2,452,097, Oct. 26.
Bower, William L., Sheffield, England. Magnetic separator. 2,452,220, Oct. 26.
Brick, Perry A., assignor to The Perfection Steel Body Company, Galion, Ohio. Body tipping apparatus for motor vehicles. 2,452,516, Oct. 26.
British Ropes Limited, assignee: *See*—
Hitchen, Herbert.
Brock, Arnold E., Burlingame, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Fluid blast arc extinguishing circuit breaker. 2,452,221, Oct. 26.
Brooks, Elinor, Califon, N. J. Securing identification tags to seals. 2,452,098, Oct. 26.
Broughton, Harold E., assignor to Chemical Construction Corporation, New York, N. Y. Waste iron sulfate solution recovery. 2,452,517, Oct. 26.
Brownlee, Dalmar T., assignor to Chas. Drexler Co., Inc., Indianapolis, Ind. Power transmission system. 2,452,178, Oct. 26.
Brownson, George T., Philadelphia, assignor to J. J. Duffy, Yeadon, Pa. Burial dress support. 2,452,353, Oct. 26.
Bruce, Ivy, assignee: *See*—
Roberts, James H.
Brumhill, Claude W., assignor to The Imperial Typewriter Company Limited, Leicester, England. Producing reduplicative master sheets in typewriting and like machines. 2,452,099, Oct. 26.
Bruson, Herman A., Rydal, and W. D. Niederhauser, assignors, by mesne assignments, to Rohm & Haas Company, Philadelphia, Pa. Addition products from acrylic esters. 2,452,029, Oct. 26.
Bryant, Corwin W., Downers Grove, assignor to Crane Co., Chicago, Ill. Flexible valve stem drive. 2,452,428, Oct. 26.
Bryson, Newall M., assignor to Pallet Engineering Company, San Francisco, Calif. Bridge ramp. 2,452,222, Oct. 26.
Bryson, Newall M., assignor to Pallet Engineering Company, San Francisco, Calif. Bridge ramp. 2,452,289, Oct. 26.
Bucknell, Ernest H., and R. E. Bletcher, assignors of ten percent to R. E. Bletcher, twelve and one-half percent to E. H. Bucknell, twelve and one-half percent to M. Bucknell, ten percent to P. W. Bletcher, twenty-five percent to M. B. Liston, ten percent to J. H. Bletcher, ten percent to H. B. Skinner, and ten percent to C. R. B. Robinson, Los Angeles, Calif. Faucet valve element. 2,452,354, Oct. 26.
Bucknell, Mabel, assignee et al.: *See*—
Bucknell, Ernest H., and Bletcher.
Buffalo Electro-Chemical Company, Inc., assignee: *See*—
Shanley, Edward S., and Kauffmann.
Bunting, Albert L., Dearborn, Mich. Chemical conversion of salt containing solutions. 2,452,179, Oct. 26.
Burkert, Daniel G., Boyertown, Pa. Combined ash receptacle and draft controlling door for domestic water heaters, stoves, and the like. 2,452,180, Oct. 26.
Burns, Laurence, Swampscott, assignor to Sylvania Electric Products Inc., Salem, Mass. Nonactinic fluorescent lamp. 2,452,518, Oct. 26.
Burns, William H.: *See*—
Watson, Gavin, Burns, and Galanty.
Butow, Douglas L., Evanston, Ill. Hydraulic torque conversion apparatus. 2,452,290, Oct. 26.
Cady, George H., Providence, and E. W. Adams, assignors to Cranston Print Works Company, Cranston, R. I. Stopping mechanism for textile apparatus. 2,452,223, Oct. 26.
Campbell, Nelson S., Greenwich, Conn. Head for golf clubs. 2,452,100, Oct. 26.
Campbell, Walter H., Arlington County, Va. Electrical drop signal device. 2,452,034, Oct. 26.
Candler, James N., Grosse Pointe, Mich., assignor to Borg-Warner Corporation. Torque control for helicopters. 2,452,335, Oct. 26.
Carboloy Company, Inc., assignee: *See*—
Lucas, George W.
Carilox Corporation, assignee: *See*—
Beach, Walter A.
Carlisle, Paul J., Wilmington, Del., and W. S. Hinegardner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fungicidal compositions. 2,452,429, Oct. 26.
Carpenter, Edith, Chicago, Ill. Sanitary napkin holding means. 2,452,181, Oct. 26.
Catron, Joe D., Rosenberg, Tex. Revolving card file and posting table. 2,452,291, Oct. 26.
Celanese Corporation of America, assignee: *See*—
Allan, John.
Rooney, James H., Sharphouse, and Hawtin.
Central Commercial Company, assignee: *See*—
Koehl, James A.
Chadwick, George A., Detroit, Mich., and P. H. Girouard, Washington, D. C. Door operating mechanism for powder hoists. 2,452,035, Oct. 26.
Chance, Franklin S.: *See*—
Kvalnes, Hamline M., and Chance.
Cheatum, Leo G.: *See*—
Jones, Frank D., and Cheatum.
Chemical Construction Corporation, assignee: *See*—
Broughton, Harold E.
Chilkson Tool Company, assignee: *See*—
Phillips, Dwight M.
Warren, Doyle.
Chrysler Corporation, assignee: *See*—
Ball, Thomas M.
Cousino, Walter P.
Dickson, John B.
Goode, Gilbert C.
Herreshoff, Alexander G., and Staley.
Platzer, George E.
Ciba Limited, assignee: *See*—
Ruegg, Rudolf.
Straub, Fritz, Widmer, and Schneider.
Cisco, Edward S., Highland, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Drip pan hinge for refrigerator cars. 2,452,101, Oct. 26.
Clardy, Frederick B., Portsmouth, Va. Determining nickel content of steel. 2,452,036, Oct. 26.
Clark, David M., Worcester, Mass., and G. A. Hallenbeck, Rochester, Minn., said Hallenbeck assignor to said Clark. Quick disconnect coupling. 2,452,430, Oct. 26.
Clawson, William T., Rock Hill, S. C. Writing arm for collapsible chairs. 2,452,182, Oct. 26.
Clawson, William T., Rock Hill, S. C. Detachable book support for chairs. 2,452,183, Oct. 26.
Cloud, Kenneth M.: *See*—
Elleman, Tom, and Cloud.
Cocanour, John B., San Jose, assignor to Colvin-Templeton, Inc., Oakland, Calif. Refrigerating system defrosted by hot liquid refrigerants. 2,452,102, Oct. 26.
Colt, Burton C., Jr., assignor to Tri-State Engineering Company, Washington, Pa. Pallet of the load-supporting type, with casters. 2,452,356, Oct. 26.
Cole, Dalton E., Chicago, Ill. Connector. 2,452,184, Oct. 26.
Colgate-Palmolive-Peet Company, assignee: *See*—
Ross, John.
Collett, James D., Jr., Houston, Tex. Gas sampling apparatus. 2,452,224, Oct. 26.
Collins, Fred V., Des Plaines, assignor to W. F. Stahl, Kenilworth, Ill. Manufacture of plastic containers. 2,452,357, Oct. 26.
Collins, Ralph D., assignee, et al.: *See*—
Arnold, Ralph J., MacDonald, and Collins.
Crehan, William J., and Arnold.
Collins, Ralph D., Beverly Hills, Calif., assignor of one-half to Kellogg Switchboard and Supply Company. Making elastic coil structures with uncoiled ends. 2,452,432, Oct. 26.
Collins, Ralph D., Beverly Hills, Calif., assignor of one-half to Kellogg Switchboard and Supply Company. Method and apparatus for making elastic coil cables with a longitudinal end. 2,452,433, Oct. 26.
Collins, Ralph D., Beverly Hills, Calif., and W. J. Drigot, Chicago, Ill., said Drigot assignor to Kellogg Switchboard and Supply Company. Production of vulcanizable elastic coil cables having reversingly coiled portions. 2,452,431, Oct. 26.
Coloccia, Philip T., Hillside, N. J. Hair curling device. 2,452,225, Oct. 26.
Colvin-Templeton, Inc., assignee: *See*—
Concanour, John B.
Cone, Charles N., assignor to M and M Wood Working Company, Portland, Oreg. Laminated product and manufacture. 2,452,226, Oct. 26.
Conradt, Julius A. and R. J., Rochester, N. Y. Headrest. 2,452,103, Oct. 26.
Conradt, Richard J.: *See*—
Conradt, Julius A. and R. J.
Continental Motors Corporation, assignee: *See*—
Elleman, Tom, and Cloud.
Continental Oil Company, assignee: *See*—
Athy, Lawrence F.
Cook, George W., Washington, D. C. Electronic high-voltage regulator. 2,452,037, Oct. 26.
Cooper, David M., Huddersfield, England. Pile fabric. 2,452,104, Oct. 26.
Cordwares Company, Inc., The, assignee: *See*—
Marti, Joaquin M.
Corning Glass Works, assignee: *See*—
McGregor, Rob R., and Warrick.

Cosentino, Joseph M., Baltimore, Md. Shock absorbing system for vehicles. 2,452,105, Oct. 26.
Cotchefer, Gordon H., Long Beach, Calif. Radio antenna. 2,452,106, Oct. 26.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Pressure intensifier. 2,452,292, Oct. 26.
Crane, Carl J., Dayton, Ohio. Photoelectric radio compass trainer control. 2,452,038, Oct. 26.
Crane, Carl J., Dayton, Ohio. Apparatus for simulating wind effects in aviation ground trainers. 2,452,039, Oct. 26.
Crane Co., assignee: *See*—
Bryant, Corwin W.
Cranney, Beatrice, Seattle, Wash. Venetian blind cleaner. 2,452,107, Oct. 26.
Cranston Print Works Company, assignee: *See*—
Cady, George H., and Adams.
Crehan, William J., Chicago, and R. J. Arnold, Western Springs, assignors, by mesne assignments, to Kellogg Switchboard and Supply Company, Chicago, Ill., and R. D. Collins, Beverly Hills, Calif. Apparatus for making elastic coil structures with longitudinal ends. 2,452,434, Oct. 26.
Crompton & Knowles Loom Works, assignee: *See*—
Kronoff, Clarence R., and Sepavich.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver muting circuit. 2,452,436, Oct. 26.
Crouse-Hinds Company, assignee: *See*—
Petree, Jay R.
Crowther, Edmond C., Philadelphia, Pa. Fastening device. 2,452,437, Oct. 26.
Curtiss-Wright Corporation, assignee: *See*—
Flader, Frederic E.
Cutler-Hammer, Inc., assignee: *See*—
James, Kenneth D.
Newman, John M.
Dahlberg, Ernst E.: *See*—
Bergvall, Knut L., and Dahlberg.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Flanged joint. 2,452,227, Oct. 26.
Daley, Charles, West Newton, Mass., assignor to Radio Corporation of America. Preparing metal for metal-to-glass seals. 2,452,519, Oct. 26.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,452,108, Oct. 26.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Locking means for rotary actuating bars of door fasteners. 2,452,109, Oct. 26.
Davis, Cortland W., Summitville, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Mounting for inverted incandescent mantles. 2,452,438, Oct. 26.
Davis, Helen C., London, England. Supporting stand for flatirons. 2,452,439, Oct. 26.
Dawes, Robert T. and F. T., Hudson, Mass. Elastic parachute shroud and making it. 2,452,228, Oct. 26.
De Bray, Glenn L., and A. Morgan, Los Angeles, Calif. Pessary and manipulating handle assembly. 2,452,229, Oct. 26.
De Curtis, Frank, Queens Village, N. Y. Positive and lock lateral shoe stretching mechanism. 2,452,440, Oct. 26.
Deere Manufacturing Co., assignee: *See*—
Jones, Frank D., and Cheatum.
De Forest, Lee, Los Angeles, Calif. Color television system. 2,452,293, Oct. 26.
De Long, Fred J.: *See*—
De Long, Fred Joe and F. J.
De Long, Fred Joe and F. J., Jefferson City, Mo. Axle and fifth wheel assembly for farm wagons. 2,452,358, Oct. 26.
Denniston, Adolph L., Plainfield, N. J., and S. H. Martin, Thomaston, Conn., assignors to General Time Instruments Corporation, New York, N. Y. Job time recorder system. 2,452,359, Oct. 26.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Rotary lock box. 2,452,230, Oct. 26.
Dickson, John B., assignor to Chrysler Corporation, Highland Park, Mich. Instrument lighting. 2,452,294, Oct. 26.
Dictaphone Corporation, assignee: *See*—
Leitner, Richard G., and Rieber.
Doble, George N., Jr., assignor to Supervision, Incorporated, Cleveland, Ohio. Folder. 2,452,231, Oct. 26.
Dourte, George J., Denver, Colo. Auxiliary safety wheels for use on automobiles and trucks. 2,452,110, Oct. 26.
Dow Chemical Company, The, assignee: *See*—
Stephenson, Wilbur T.
Drackett Company, The: *See*—
Gangloff, Wilmer C.
Drennan, Harry E., Hot Springs, Ark., assignor to Phillips Petroleum Company. Solvent extraction of mercaptans. 2,452,040, Oct. 26.
Drexler, Chas., Co., Inc., assignee: *See*—
Brownlee, Dalmar T.
Drigot, William J.: *See*—
Collins, Ralph D., and Drigot.
Dube, John E., Clayton, assignor to Alco Valve Company, University City, Mo. Regulator valve having a capillary tube expansion passage. 2,452,441, Oct. 26.
Dudderar, Derother H.: *See*—
Schneider, Paul L., and Dudderar.
Duffy, James J.: *See*—
Brownson, George T.
Dunbar, Alver: *See*—
Woodberry, David L., Howerton, and Dunbar.
Dunham, Frank, assignor of fifty per cent to J. F. McCarthy, Grand Island, Nebr. Soldering gun. 2,452,360, Oct. 26.
Dunipace, Donald W.: *See*—
Fowler, Ival G., and Dunipace.
Du Pont, E. I., de Nemours & Company, assignee: *See*—
Carlisle, Paul J., and Hinegardner.
Gresham, William F.
Guenther, Arthur E.
Hansley, Virgil L.
Kvalnes, Hamline M., and Chance.
Olson, Carl M.
Du Pont, Mary A., administratrix: *See*—
O'Sullivan, Frederick J., and du Pont.
Du Pont, William B.: *See*—
O'Sullivan, Frederick J., and du Pont.
Durey, Margaret: *See*—
Kraft, Marie J., and Durey.
Dyer, John R., Jr., Utica, assignor to The Indium Corporation of America, New York, N. Y. Method for electrolytic deposition of indium and bath therefor. 2,452,361, Oct. 26.
Eastman Kodak Company, assignee: *See*—
Unruh, Cornelius C., and Kenyon.
Eaton, Frank O., Capon Bridge, W. Va. Speed responsive clutch. 2,452,111, Oct. 26.
Eaton Manufacturing Company, assignee: *See*—
Russell, Robert C.
Eaton Pump Manufacturing Company, Inc., assignee: *See*—
Jones, Guy A.
Eckert, William F., Rochelle, Ill. Explosion-proof starter. 2,452,112, Oct. 26.
Edwards, Andrew W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic reclosing circuit breaker. 2,452,442, Oct. 26.
Electric Steel Foundry, assignee: *See*—
Johnson, Clarence K.
Electric Storage Battery Company, The, assignee: *See*—
Murphy, Harold P.
Elleman, Tom, Toledo, Ohio, and K. M. Cloud, assignors to Continental Motors Corporation, Muskegon, Mich. Fluid pump. 2,452,185, Oct. 26.
Elliott, George S., Detroit, Mich. Faucet. 2,452,295, Oct. 26.
Elmore, Kelly L., near Sheffield, Ala., assignor to Tennessee Valley Authority. Making calcium aluminate sinter. 2,452,041, Oct. 26.
Elsea, Jacob O., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Sequential turret tuner. 2,452,443, Oct. 26.
Enerud, Olaf C., Brooklyn, N. Y. Adjustable pitch airplane propeller. 2,452,444, Oct. 26.
English Numbering Machines Limited, assignee: *See*—
Namenyi-Katz, Laszlo.
Ericsson, Arnold H., Jarna, Sweden. Bread cutting board with crumb tray. 2,452,445, Oct. 26.
Erisman, John L., Oak Park, Ill., assignor to Link-Belt Company. Apparatus for treating flowable solids. 2,452,362, Oct. 26.
Eslinger, Genevieve B., assignee: *See*—
Eslinger, Wallace V., and Barton.
Eslinger, Wallace V., and W. N. Barton, Arlington; said Eslinger assignor to G. G. Eslinger, Falls Church, Va. Pressure indicator. 2,452,296, Oct. 26.
Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. Switch for high-frequency electrical oscillations. 2,452,113, Oct. 26.
Everett, John L., and A. Raines, Philadelphia, Pa. Transmitter for self-synchronous systems. 2,452,042, Oct. 26.
Exhibit Supply Company, assignee: *See*—
Hughes, Edward H.
Faelten, Carl R.: *See*—
Morgan, Willard L., and Faelten.
Fahlström, Otto L., Stockholm, Sweden. Knee joint for prostheses. 2,452,446, Oct. 26.
Falk Corporation, The, assignee: *See*—
Falk, Louis W., Schmitter, and Maurer.
Falk, Louis W., Milwaukee, and W. P. Schmitter and G. P. Maurer, Wauwatosa, assignors to The Falk Corporation, Milwaukee, Wis. Gear shaving machine. 2,452,520, Oct. 26.
Farkas, Francis S., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced wave filter. 2,452,114, Oct. 26.
Feasey, Charles E., Enfield, assignor to James Armstrong & Company Limited, London, England. Power actuated garment and like presses. 2,452,115, Oct. 26.
Felton, George F., Millers Falls, Mass. Holding device. 2,452,116, Oct. 26.
Fenwal Incorporated, assignee: *See*—
Smith, Norman J.
Ferger, Hulbert K., Flushing, assignor of one-half to J. B. Thomson, Plandome, N. Y. Sliding antifriction bearing. 2,452,117, Oct. 26.
Fickel, Isaac J., assignee: *See*—
Zahller, Virgil.

Fischer, William V., assignor to The Air-Flo Compressor Company, Akron, Ohio. Compressor. 2,452,232, Oct. 26.

Fisher, Charles H.: *See*—
Rehberg, Chessie E., and Fisher.

Flader, Fredric E., Kenmore, assignor, by mesne assignments, to Curtiss-Wright Corporation. Arresting gear. 2,452,447, Oct. 26.

Flett, Lawrence H., Scarsdale, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Derivatives of sulfosuccinamic acid. 2,452,043, Oct. 26.

Floraday, Burton S., Toledo, Ohio, assignor to Marvel Equipment Corporation, Detroit, Mich. Vehicle window regulator. 2,452,448, Oct. 26.

Florence, Dewey A., Philadelphia, Pa. Fire extinguishing waste paper receptacle. 2,452,118, Oct. 26.

Flotron, Frank E., St. Louis, Mo. Novelty optical device. 2,452,363, Oct. 26.

Fluharty, Omar L., Indianapolis, Ind. Saddle clamp structure. 2,452,186, Oct. 26.

Forsyth, Ralph K., Santa Barbara, Calif. Signal trainer. 2,452,449, Oct. 26.

Fowler, Ival G., Toledo, and D. W. Dunipace, Perrysburg, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for producing optical elements from commercial plate glass. 2,452,364, Oct. 26.

Fox, Benjamin, New York, N. Y., assignor to the United States of America as represented by the Secretary of War. High emission cathode. 2,452,044, Oct. 26.

Fredenburg, Charles H., Nyssa, Oreg. Therapeutic device. 2,452,450, Oct. 26.

Frederick, Oscar C., Springfield, Pa., assignor to General Electric Company. Control system. 2,452,365, Oct. 26.

Freeland Spool & Bobbin Corp.: *See*—
Markle, George B., Jr.

Freund, Robert R., Mount Carmel, Ill. Patient adjustable foot section for articulated beds. 2,452,366, Oct. 26.

Friedman, Herbert, Arlington, Va. X-ray apparatus and method for crystal analysis. 2,452,045, Oct. 26.

Fruit and Produce Packing, Incorporated, assignee: *See*—
McCormick, James A.

Gahagan, Orren M., Dallas, Tex. Automatic cathead. 2,452,451, Oct. 26.

Galanty, Harold E.: *See*—
Watson, Gavin, Bruns, and Galanty.

Gangloff, Wilmer C., assignor to the Drackett Company, Cincinnati, Ohio. Drain trap cleaning device. 2,452,367, Oct. 26.

Gardner, John R.: *See*—
Swanson, Albert J., and Gardner.

Garrison, John R.: *See*—
Garrison, Ralph P. and J. R.

Garrison Machine Works, Inc., assignee: *See*—
Garrison, Ralph P. and J. R.

Garrison, Ralph P. and J. R., assignors to Garrison Machine Works, Inc., Dayton, Ohio. Bearing temperature control system. 2,452,046, Oct. 26.

Garros, Michael, assignor of 50% to E. F. Widin, Garwood, N. J. Window frame and sash. 2,452,119, Oct. 26.

Gaye, Felix, Broadmoor, near Dorking, England. Winch and the like. 2,452,297, Oct. 26.

General Electric Company, assignee: *See*—
Becker, Howard I.
Frederick, Oscar C.
Harkness, Joseph R.
Moran, Don E., and Jarvis.
Wright, James G. E.

General Electric Company Limited, The, assignee: *See*—
Espley, Dennis C.

General Motors Corporation, assignee: *See*—
Beare, Charles H.
Elsea, Jacob O.
Schneider, Paul L., and Dudderar.
Schwartz, Fred J.

General Time Instruments Corporation: *See*—
Denniston, Adolph L., and Martin.

Gerard, Roy H., Oakland, Calif., and R. M. Smith, Jeannette, Pa., assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Permanent fault isolator time-delay switch. 2,452,233, Oct. 26.

Gerdes, John C., Glendale, Calif. Bed heater. 2,452,234, Oct. 26.

Ginsberg, Maxwell R., assignee: *See*—
Jantzen, Frederick H.

Girnus, Walt R., Spokane, Wash. Grapple. 2,452,452, Oct. 26.

Girouard, Philias H.: *See*—
Chadwick, George A., and Girouard.

Gobel, Charles, Philadelphia, Pa. Line tightener. 2,452,368, Oct. 26.

Gold, Leon J., Shorewood, Wis., assignor to Miliprint, Inc., Milwaukee, Wis. Blackboard. 2,452,235, Oct. 26.

Golden State Company, Ltd., assignee: *See*—
Peebles, David D.

Goode, Gilbert C., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Starter. 2,452,298, Oct. 26.

Gorne, Herbert D., Bellingham, Wash. Hanger. 2,452,120, Oct. 26.

Gould, Howard C., Brooklyn, N. Y. Tape dispenser. 2,452,299, Oct. 26.

Graham, Roy F., assignor to Stok-A-Fire Company, Inc., University City, Mo. Stoker provided with a metering control to determine fuel and air feed. 2,452,453, Oct. 26.

Graham, Roy F., assignor to Stok-A-Fire Company, Inc., University City, Mo. Device for facilitating stoker installations. 2,452,454, Oct. 26.

Graham, Thomas E., assignor of one-third to L. J. Miller, Oklahoma City, Okla. Ladder attachment. 2,452,455, Oct. 26.

Grahame, James H., Mount Vernon, assignor to The Texas Company, New York, N. Y. Conversion of synthetic hydrocarbons containing oxygenated compounds of hydrocarbons of high octane value. 2,452,121, Oct. 26.

Grant, Tom C., Oklahoma City, Okla. Hair curler. 2,452,456, Oct. 26.

Gravenhorst, Everett, and R. E. Vaughn, assignor to The Glenn L. Martin Company, Middle River, Md. Self-bleeding hydraulic cylinder. 2,452,369, Oct. 26.

Gray, Griffin W., and C. B. Wade, Roanoke, Va. Bolt puller. 2,452,457, Oct. 26.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of nitriles. 2,452,187, Oct. 26.

Grote Manufacturing Company, The, assignee: *See*—
Ryder, Charles D.

Guenther, Arthur E., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn-advancing reel. 2,452,370, Oct. 26.

Gulf Oil Corporation, assignee: *See*—
Pellettere, Joseph A.
Willard, Herbert B.

Gumaer, Percy W., West Englewood, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Apparatus and process for testing materials. 2,452,122, Oct. 26.

Guttormsen, Joseph P., Kenosha, Wis. Handle bar shock absorber. 2,452,371, Oct. 26.

Hahn, Clarence J., Buffalo, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Hub structure. 2,452,458, Oct. 26.

Hallenbeck, George A.: *See*—
Clark, David M., and Hallenbeck.

Hamblin, Clyde M., Washington, D. C. Construction of flexible hose. 2,452,047, Oct. 26.

Hammond Iron Works, assignee: *See*—
Plummer, Fred L.

Hanger, James E., III, assignor to Metal Limb Manufacturers, Inc., Washington, D. C. Knee structure for artificial legs. 2,452,459, Oct. 26.

Hansen, William W., and R. H. Varian, Garden City, N. Y., assignors to The Sperry Corporation. Frequency conversion apparatus. 2,452,048, Oct. 26.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of 1-cyanobutadiene-1,3 from acetic acid by azeotropic distillation. 2,452,460, Oct. 26.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Cam mechanism. 2,452,372, Oct. 26.

Harley, Earle L., Brooklyn, assignor to H. H. Heinrich, Inc., New York, N. Y. Registering flat bed color printing elements with their fixed registry elements. 2,452,373, Oct. 26.

Harris, Asa J., Long Beach, Calif. Door latch. 2,452,461, Oct. 26.

Hartford National Bank and Trust Company, assignee, trustee: *See*—
Lindenhovius, Hendrik J.
Payne, Charles E.
Siezen, Gerrit J.
Strutt, Maximiliaan J. O., and van der Ziel.
Van der Heem, Jan.

Hartup, William O.: *See*—
Hayward, James R., Schild, and Hartup.

Harvel Corporation, The, assignee: *See*—
Harvey, Mortimer T.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Anacardic-acrolein resins and method for their production. 2,452,374, Oct. 26.

Hauck, Vernon D., Towson, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Combined package and filling device for batteries or hollow bodies. 2,452,049, Oct. 26.

Hawtin, Philip R.: *See*—
Rooney, James H., Sharphouse, and Hawtin.

Hayward, James R., Washington, J. A. Schild, and W. O. Hartup, Columbus, Ind., assignors, by mesne assignments, to McCord Corporation, Detroit, Mich. Combined machine for feeding, bending, and flattening tubing. 2,452,050, Oct. 26.

Hedenburg, Oscar F., Pittsburgh, Pa., assignor, by mesne assignments, to H. W. Moburg, Toledo, Ohio. Methylenedioxyphenyl compound as insecticide and pyrethrin synergist. 2,452,188, Oct. 26.

Heinrich, H. H., Inc., assignee: *See*—
Harley, Earle L.

Helmkamp, Richard F., Jersey City, N. J., assignor to Air Reduction Company, Incorporated. Universal torch machine. 2,452,189, Oct. 26.

Heltzel, John N., Warren, Ohio. Concrete expansion joint. 2,452,462, Oct. 26.

Henshaw, Thomas A.: *See*—
Leech, Harold C., and Henshaw.

Herbert, Donald H., Spokane, Wash. Building block. 2,452,463, Oct. 26.

Herman, James H., Jr., Temple, Tex. Mortar applying device. 2,452,464, Oct. 26.

Herreshoff, Alexander G., Grosse Pointe, and A. C. Staley, Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Supercharger. 2,452,300, Oct. 26.

Hershey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay syatem. 2,452,051, Oct. 26.

Herzog, Herman, Detroit, Mich. Flowerpot holder. 2,452,236, Oct. 26.

Hester, Millard E., Seattle, Wash. Dial test indicator clamp. 2,452,301, Oct. 26.

Hetzel, Stanford J.: *See*—
Kennedy, Robert M., and Hetzel.

Hetzel, Stanford J., Cheltenham, and R. M. Kennedy, Drexel Hill, assignors to Sun Oil Company, Philadelphia, Pa. Polymerization of olefins. 2,452,190, Oct. 26.

Hibbard, Frank H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selectively responsive device. 2,452,052, Oct. 26.

Hicks, Frederick T., assignee: *See*—
Sand, Robert T.

Higgins, Andrew J., assignee: *See*—
Sprague, Theodore, IV.

Hinegardner, Wilbie S., et al.: *See*—
Carlisle, Paul J., and Hinegardner.

Hines, Claude M., Verona, and C. D. Stewart, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed differential detecting apparatus. 2,452,191, Oct. 26.

Hirshbergh, Julius H., Los Angeles, Calif. Cabinet having automatically shiftable mirror. 2,452,375, Oct. 26.

Hitchen, Herbert, assignor to British Ropes Limited, Doncaster, England. Cable tensiometer. 2,452,302, Oct. 26.

Hjelmblad, Karl W. J., Alsten, Sweden. Arrangement in grinding machines. 2,452,123, Oct. 26.

Hoburg, Francis: *See*—
Hoburg, Mason A. and F.

Hoburg, Mason A. and F., St. Helena, Calif; said F. Hoburg assignor to said M. A. Hoburg. Watering trough. 2,452,237, Oct. 26.

Hollingsworth, Raphael, Hedrick, Iowa. Insert for changing the compression ratio of internal-combustion engines. 2,452,238, Oct. 26.

Holstebroe, Kaye B., Gildersleeve, and L. Wimmer, Middletown, assignors to Standard-Knapp Corporation, Portland, Conn. Bottle packing machine. 2,452,376, Oct. 26.

Honen, Carl J., assignor to The McKay Machine Company, Youngstown, Ohio. Multiple welding pressure roll assembly for electric weld tube mills. 2,452,303, Oct. 26.

Hooker Electrochemical Company, assignee: *See*—
Osborne, Sidney G.

Hosking, Richard T., Chicago, Ill. Lock nut. 2,452,192, Oct. 26.

Hotpoint Inc., assignee: *See*—
Vogel, Oliver G., and Kirk.

Houseman, George A., Phoenix, Ariz. Window latch. 2,452,377, Oct. 26.

Howerton, William W.: *See*—
Woodberry, David L., Howerton, and Dunbar.

Huber, Robert, Paris, France, assignor to R. P. Pescara, Lisboa, Portugal. Free piston engine compressed air accumulator, variable volume. 2,452,193, Oct. 26.

Huber, Robert, Paris, France, assignor to R. P. Pescara, Lisboa, Portugal. Free piston machine. 2,452,194, Oct. 26.

Hudson, Charles J., Detroit, Mich. Cable reel. 2,452,378, Oct. 26.

Huge, Henry M., assignor, by mesne assignments, to Lorain Products Corporation, Lorain, Ohio. Telephone circuit. 2,452,239, Oct. 26.

Hughes, Burton S., assignor to Zaremba Company, Buffalo, N. Y. Centrifugal separator. 2,452,465, Oct. 26.

Hughes, Edward H., assignor to Exhibit Supply Company, Chicago, Ill. Step-up mechanism. 2,452,030, Oct. 26.

Hurt, John A., Carterville, Mo. Chimney cap. 2,452,240, Oct. 26.

Huston, Frank G.: *See*—
Huston, Victor J. and F. G.

Huston, Victor J. and F. G., Muskegon, Mich. Hydraulic scale. 2,452,124, Oct. 26.

Hutter, William H., Wheaton, Ill. Phonograph needle. 2,452,304, Oct. 26.

Ilfeld, Max L., U. S. Army. Floating mine. 2,452,053, Oct. 26.

Imperial Typewriter Company Limited, assignee: *See*—
Brumhill, Claude W.

Indiana Steel & Wire Company, assignee: *See*—
Kitselman, Harry L.

Indium Corporation of America, The: *See*—
Dyer, John R., Jr.

Induction Heating Corp., assignee: *See*—
Stanton, Robert J., and Lowry.

Ingalls, David, Westfield, and J. H. Petersen, Union, assignors, by mesne assignments, to Titeflex, Inc., Newark, N. J. Forming and changing the cross section of convoluted metal tubing. 2,452,125, Oct. 26.

Institute of Paper Chemistry, The, assignee: *See*—
Wells, Sidney D.

Irwin, Frank N., Jr., South Miami, Fla. Sealer. 2,452,126, Oct. 26.

Jacobson, Ernest: *See*—
Obernauer, William, and Jacobson.

James, Kenneth D., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Counterelectromotive force motor starter control system. 2,452,127, Oct. 26.

Jantzen, Frederick H., Bronx, N. Y., assignor of fifty per cent to M. R. Ginsberg. Measuring implement. 2,452,241, Oct. 26.

Jarvis, Samuel F.: *See*—
Moran, Don E., and Jarvis.

Jaswell, Roy, Smithfield, R. I. Sealing tip for well casings. 2,452,466, Oct. 26.

Jeffrey Manufacturing Company, The, assignee: *See*—
Lee, Arthur L.

Johnson, Carl E., Alhambra, Calif. Crate for water bottles or acid carboys. 2,452,195, Oct. 26.

Johnson, Charles E., Belmont, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Splitting machine. 2,452,128, Oct. 26.

Johnson, Clarence K., assignor to Electric Steel Foundry, Portland, Oreg. Pintle chain. 2,452,242, Oct. 26.

Johnson, Earl B., Freehold, N. J. Drinking fountain. 2,452,305, Oct. 26.

Johnson, George H., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Self-tipping conveyer bucket. 2,452,243, Oct. 26.

Johnson, James P., Shaker Heights, Ohio. Slidable abutment rotary pump. 2,452,467, Oct. 26.

Johnson, James P., Shaker Heights, Ohio. Reciprocating abutment fluid pump. 2,452,468, Oct. 26.

Johnson, James P., Shaker Heights, Ohio. Seal. 2,452,469, Oct. 26.

Johnson, James P., Shaker Heights, Ohio. Distributing device. 2,452,470, Oct. 26.

Johnson, William A., Smithfield, and E. E. Moore, Fort Worth, Tex.; said Johnson assignor to said Moore. Locking device for truck and trailer doors. 2,452,521, Oct. 26.

Jones, Frank D., and L. G. Cheatum, Ottumwa, Iowa, assignors to Deere Manufacturing Co. Power belt retaining device. 2,452,306, Oct. 26.

Jones, Grinnell, Cambridge, W. Juda, Belmont, and S. Soll, Boston, Mass., assignors, by mesne assignments, to Albi Manufacturing Co., Incorporated. Fire-retardant composition and process. 2,452,054, Oct. 26.

Jones, Grinnell, W. Juda, Cambridge, and S. Soll, Borton, Mass., assignors, by mesne assignments, to Albi Manufacturing Co., Incorporated. Amylaceous fire-retardant composition. 2,452,055, Oct. 26.

Jones, Guy A., Long Beach, Calif., assignor to Eaton Pump Manufacturing Company, Inc. Rotary vane pump. 2,452,471, Oct. 26.

Joy Manufacturing Company, assignee: *See*—
Osgood, Charles F.
Sullinger, Francis E.

Juda, Walter: *See*—
Jones, Grinnell, Juda, and Soll.

Kabitsch, Ruth L.: *See*—
Allen, La Bron R. and J. H., and Kabitsch.

Kaldor, Irving, San Francisco, Calif. Sanitary garter belt. 2,452,129, Oct. 26.

Kasparek, Wesley J., Columbus, Ga. Lubrication failure detector switch. 2,452,379, Oct. 26.

Kather, Erich N., South Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical discharge device. 2,452,056, Oct. 26.

Kauffmann, Hans O.: *See*—
Shanley, Edward S., and Kauffmann.

Kay-Fries Chemicals, Inc., assignee: *See*—
Bitler, William P., Aschner, and Nicholl.

Kayser, Guillaume M. A., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Spinning high tenacity viscose rayon. 2,452,130, Oct. 26.

Keating, Richard T., Oak Park, Ill. Combustion tube heater for cooking containers. 2,452,472, Oct. 26.

Kehoe, James W., Wauwatosa, Wis. Flexible leakproof coupling. 2,452,057, Oct. 26.

Keith Kenneth M. *See*—
Ronning, Martin, and Keith.

Kelley, William J., Chicago, Ill. Stabilizing roadbeds. 2,452,196, Oct. 26.

Kellogg, Spencer, 2nd, Glen Head, N. Y., assignor to The Sperry Corporation. Gyroscopic flight instrument. 2,452,473, Oct. 26.

Kellogg Switchboard and Supply Company, assignee: *See*—
Collins, Ralph D.
Collins, Ralph D., and Drigot.

Kellogg Switchboard and Supply Company, assignee, et al.: *See*—
Arnold, Ralph J., MacDonald, and Collins.
Crehan, William J., and Arnold.

Kemmer, Paul H., Fairfield, and E. R. Weaver, Dayton, Ohio. Tension patch. 2,452,058, Oct. 26.

Kennedy, Claude L.: *See*—
Spencer, James A., Kennedy, and Thomas.

Kennedy, Robert M.: *See*—
Hetzel, Stanford J., and Kennedy.

Kennedy, Robert M., Drexel Hill, and S. J. Hetzel, Cheltenham, assignors to Sun Oil Company, Philadelphia, Pa. Polymerization of olefins. 2,452,198, Oct. 26.

Kennedy, Theodore R., Lower Makefield Township, Bucks County, Pa., assignor to Ajax Electrothermic Corporation, Trenton, N. J. Indpction furnace for variable heat patterns. 2,452,197, Oct. 26.

Kenyon, William O.: *See*—
Unruh, Cornelius C., and Kenyon.

King, John L., assignor to Miracle Lubricating Company, Detroit, Mich. Welding electrode holder. 2,452,199, Oct. 26.

Kinzer, Charles W., Greenbelt, Md. Record posting apparatus. 2,452,059, Oct. 26.

Kirk, Francis E.: *See*—
Vogel, Oliver G., and Kirk.

Kitselman, Harry L., assignor to Indiana Steel & Wire Company, Muncie, Ind. Serving tool. 2,452,474, Oct. 26.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Ignition indicating device for welding systems. 2,452,060, Oct. 26.

Kluge, Herman D.: *See*—
Patterson, John A., and Kluge.

Kluge, Herman D., and J. A. Patterson, Wappingers Falls, assignors to The Texas Company, New York, N. Y. Oxidation-inhibited lubricating compositions. 2,452,320, Oct. 26.

Kluge, Herman D., Wappingers Falls, and J. A. Patterson, Newburgh, assignors to The Texas Company, New York, N. Y. Rust preventive composition. 2,452,321, Oct. 26.

Knudsen, Knud J., Waterbury, assignor to The Lewis Engineering Company, Naugatuck, Conn. Electrical ratio meter circuit. 2,452,244, Oct. 26.

Koehl, James A., Evanston, assignor to Central Commercial Company, Chicago, Ill. Musical key control. 2,452,307, Oct. 26.

Kollman, Alexander A., Los Angeles, Calif. Hose clamp. 2,452,245, Oct. 26.

Koslowski, John: *See*—
Volkery, Bernhard, and Koslowski.

Kraft, Marie J., Three Oaks, Mich., and M. Durey, Cleveland, Ohio, assignors to The Warren Featherbone Co., Three Oaks, Mich. Convertible raincoat or cape. 2,452,475, Oct. 26.

Krim, Norman B., Newton Highlands, assignor to Raytheon Manufacturing Company, Newton, Mass. Thermionic tube structure. 2,452,061, Oct. 26.

Kronhaus, Semen, Los Angeles, Calif. Clothesline device. 2,452,246, Oct. 26.

Kronoff, Clarence R., and V. F. Separich, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Reversing mechanism for looms. 2,452,380, Oct. 26.

Kruck, Ralph E., Longmeadow, Mass. Cosmetic device. 2,452,131, Oct. 26.

Kvalnes, Hamline M., and F. S. Chance, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of porous material. 2,452,200, Oct. 26.

Lambros, George C., New York, N. Y. Plating palladium and plating bath therefor. 2,452,308, Oct. 26.

Lange, Edward H., Baltimore, Md. Diode modulator. 2,452,132, Oct. 26.

Larsh, Everett P., Dayton, Ohio. Piston rod connecting device. 2,452,247, Oct. 26.

Lee, Arthur L., Upper Arlington, Ohio, assignor by mesne assignments, to The Jeffrey Manufacturing Company. Electrical mine apparatus. 2,452,248, Oct. 26.

Leech, Harold C., and T. A. Henshaw, Elland, England. Portable fire extinguisher. 2,452,309, Oct. 26.

Leeds, Winthrop M., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,452,476, Oct. 26.

Leeds, Winthrop M., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,452,477, Oct. 26.

Leiske, Roy R., Milwaukee, Wis. Drier for granular plastic. 2,452,249, Oct. 26.

Leitner, Richard G., and W. K. Rieber, West Los Angeles, Calif., assignor, by mesne assignments, to Dictaphone Corporation, New York, N. Y. Phonographic apparatus. 2,452,133, Oct. 26.

Le Van, James D., Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical discharge tube. 2,452,062, Oct. 26.

Leverenz, Humboldt, W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent screen and developing light. 2,452,522, Oct. 26.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent screen. 2,452,523, Oct. 26.

Levinson, Sidney O., and F. Oppenheimer, assignors to Michael Reese Research Foundation, Chicago, Ill. Sterilizing liquids. 2,452,201, Oct. 26.

Lewis Engineering Company, The, assignee: *See*—
Knudsen, Knud J.

Libbey-Owens-Ford Glass Company: *See*—
Fowler, Ival G., and Dunipace.
Paddock, Ormond H., and Pearse.
Philbin, William A.
Zentis, William A.

Liber, Harry, Morristown, and D. R. Beeman, Wharton, N. J. Detonator disk. 2,452,063, Oct. 26.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio-frequency distributor apparatus. 2,452,202, Oct. 26.

Lindenhovius, Hendrik J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Low direct current voltage regulating circuit. 2,452,381, Oct. 26.

Lindsay, James G., assignor to F. C. Marchant, San Dimas, Calif. Heater starting and lighting device. 2,452,310, Oct. 26.

Link-Belt Company: *See*—
Erisman, John L.

Liston, Marcia B., assignee, et al.: *See*—
Bucknell, Ernest H., and Bletcher.

Lochner, Albert T., Louisville, Ky. Braiding machine carrier. 2,452,250, Oct. 26.

Long, Emmet S., Los Angeles, Calif. Apparatus for molding rubber and plastic materials. 2,452,382, Oct. 26.

Lorain Products Corporation, assignee: *See*—
Huge, Henry M.

Lowe, John C., Quakertown, assignor to H. R. Lutz, Sellersville, Pa. Dehydrator. 2,452,134, Oct. 26.

Lowe, John C., Quakertown, assignor to H. R. Lutz, Sellersville, Pa. Paper pulp machine. 2,452,135, Oct. 26.

Lowry, Christopher: *See*—
Stanton, Robert J., and Lowry.

Lucas, George W., St. Clair Shores, Mich., assignor to Carboloy Company, Inc. Diamond tool and making the same. 2,452,478, Oct. 26.

Luppino, Vincent J., Hartford, Conn. Concrete form waler bracket. 2,452,203, Oct. 26.

Lutz, Harmer R., assignee: *See*—
Lowe, John C.

M and M Wood Working Company, assignee: *See*—
Cone, Charles N.

MacDonald, William D.: *See*—
Arnold, Ralph J., MacDonald, and Collins.

Maciejowski, John J.: *See*—
Reinhold, Frank W., and Maciejowski.

Mantle Lamp Company of America, The, assignee: *See*—
Davis, Cortland W.

Marchant, Fay C., assignee: *See*—
Lindsay, James G.

Markle, George B., Jr., assignor to Freeland Spool & Bobbin Corp., Hazelton, Pa. Spool or bobbin. 2,452,383, Oct. 26.

Markusen, David L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric motor control apparatus. 2,452,311, Oct. 26.

Marti, Joaquin M., New York, N. Y., assignor to The Cordwares Company, Inc. Braiding machine for endless belts or the like. 2,452,136, Oct. 26.

Martin, Eric L., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Retractable landing gear fairing. 2,452,251, Oct. 26.

Martin, Glenn L., Company, The: *See*—
Gravenhorst, Everett, and Vaughn.

Martin, Samuel H.: *See*—
Denniston, Adolph L., and Martin.

Marvel Equipment Corporation, assignee: *See*—
Floraday, Burton S.

Masabny, Anthony N., Allston, Mass. Child's seat attachment for barbers' chairs. 2,452,252, Oct. 26.

Mason, Frank N., Charleroi, assignor of one-fourth to R. C. Mason, Pittsburgh, Pa. Undergarment. 2,452,479, Oct. 26.

Mason, James J., San Simon, Ariz. Defect detector for railway car wheels. 2,452,480, Oct. 26.

Mason, Robert C., assignee: *See*—
Mason, Frank N.

Maurer, George P.: *See*—
Falk, Louis W., Schmitter, and Maurer.

Maxwell, William H., assignee: *See*—
Wainwright, George R.

Mayrath, Robert L., Dodge City, Kans. Multiple motor speed synchronizing balancing device. 2,452,064, Oct. 26.

McCarthy, John F.: *See*—
Dunham, Frank.

McCord Corporation, assignee: *See*—
Hayward, James R., Schild, and Hartup.

McCormick, James A., Kalamazoo, Mich., assignor to Fruit and Produce Packing, Incorporated, Indianapolis, Ind. Method and packing structure for high packing handled baskets with fruit. 2,452,204, Oct. 26.

McDonald, Eugene F., Jr., Chicago, Ill. Automobile radio remote control. 2,452,384, Oct. 26.

McGill, Daniel F., Portland, Oreg. Floating sealing device. 2,452,253, Oct. 26.

McGoldrick, Raymond T.: *See*—
Allnutt, Ralph B., and McGoldrick.

McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Liquid polymeric dimethyl silicones. 2,452,254, Oct. 26.

McKay Machine Company, The, assignee: *See*—
Honen, Carl J.

McKosky, Michael, New Haven, Conn. Spool adapter for rope layers or stranding machines. 2,452,255, Oct. 26.

McMurray, Ray H., Oakland, Calif. Seam opening device. 2,452,312, Oct. 26.

Merckel, Frederick G., Montclair, N. J. Color comparison apparatus. 2,452,385, Oct. 26.

Metal Limb Manufacturers, Inc.: *See*—
Hanger, James E.

Metal & Thermit Corporation, assignee: *See*—
Rollason, Ernest C., and van Someren.

Metten, Herbert, Boston, assignor to Sylvania Electric Products Inc., Salem, Mass. Protective grid for Geiger-Mueller tubes. 2,452,524, Oct. 26.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Ethers of vitamin A. 2,452,386, Oct. 26.

Miller, Loyal J., assignee: *See*—
Graham, Thomas E.

Milprint, Inc., assignee: *See*—
Gold, Leon J.

Miner, W. H., Inc., assignee: *See*—
Dath, George E.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Berkholder, George H.
Markusen, David L.

Minneapolis-Moline Power Implement Company, assignee: *See*—
Ronning, Martin, and Keith.

Miracle Lubricating Company, assignee: *See*—
King, John L.

Moburg, Harold W., assignee: *See*—
Hedenburg, Oscar F.

Moore, Elmer E.: *See*—
Johnson, William A., and Moore.

Moore, John R.: *See*—
Victory, Frederick C., and Moore.

Moore Special Tool Co., Inc.: *See*—
Victory, Frederick C., and Moore.

Moran, Don E., and S. F. Jarvis, Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,452,065, Oct. 26.

Morehead, John H., and H. D. Schmidt, Long Beach, Calif. Hydraulic reel mount for warehouse trucks. 2,452,481, Oct. 26.

Morgan, Atwill: *See*—
De Bray, Glenn L., and Morgan.

Morgan, Willard L., Columbus, Ohio, assignor to American-Maize Products Company. Plasticized prolamine-base protein compositions. 2,452,314, Oct. 26.

Morgan, Willard L., Columbus, and C. R. Faelten, Clinton Township, Franklin County, Ohio, assignors to American-Maize Products Company. Plasticized prolamine-base protein compositions. 2,452,313, Oct. 26.

Morgan, Willard L., Columbus, and C. R. Faelten, Clinton Township, Franklin County, Ohio, assignors to American-Maize Products Company. Plasticized prolamine-base protein compositions. 2,452,315, Oct. 26.

Morley, Charles E., Detroit, Mich. Adjustable support. 2,452,316, Oct. 26.

Mossak, Edward R., Milwaukee, Wis. Plowshare. 2,452,387, Oct. 26.

Mueller, Joseph J., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Hydraulic jack. 2,452,482, Oct. 26.

Muller, Jacques, La Garenne-Colombes, France; vested in the Attorney General of the United States. Fluid handling mechanism. 2,452,256, Oct. 26.

Munschauer, Frederick E., Buffalo, and J. P. Wadleck, Kenmore, assignors to Niagara Machine & Tool Works, Buffalo, N. Y. Shear. 2,452,525, Oct. 26.

Murino, Matthew, New York, N. Y. Fluorescent lighting fixture. 2,452,137, Oct. 26.

Murphy, Harold P., Ridley Park, Pa., assignor to The Electric Storage Battery Company. Gas diffusion device for storage batteries. 2,452,066, Oct. 26.

Namenyi-Katz, Laszlo, assignor to English Numbering Machines Limited, London, England. Device for automatically inserting marking strips in piles of sheets. 2,452,138, Oct. 26.

National Radiator Company, The, assignee: *See*—
O'Sullivan, Frederick J., and du Pont.

National Tube Company, assignee: *See*—
Scharff, Fritz M.

Nergaard, Leon S., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device employing cavity resonators. 2,452,317, Oct. 26.

Nergaard, Leon S., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device utilizing cavity resonators. 2,452,318, Oct. 26.

Newhouse, Abe, Brooklyn, N. Y. Rotary pressing machine for continuous pressing operations. 2,452,483, Oct. 26.

Newman, John M., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control for motor-driven apparatus. 2,452,257, Oct. 26.

Newton, Amos S., Ames, Iowa, assignor to the United States of America as represented by the United States Atomic Energy Commission. Preparing uranium deuteride. 2,452,139, Oct. 26.

Newton, Herman S., Temple, Tex. Sanding machine. 2,452,205, Oct. 26.

Newton, Herman S., Temple, Tex. Sanding machine. 2,452,206, Oct. 26.

Niagara Machine & Tool Works, assignee: *See*—
Munschauer, Frederick E., and Wadleck.

Nichol, Arthur V., Elkins Park, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Electromagnetic system. 2,452,388, Oct. 26.

Nicholl, Leonard: *See*—
Bitler, William P., Aschner, and Nicholl.

Niederhauser, Warren D.: *See*—
Bruson, Herman A., and Niederhauser.

Nielsen, Adolph, Oakland, Calif. Hand truck. 2,452,258, Oct. 26.

Noble, Kenneth B., Hartford, Conn. Ellipsograph. 2,452,484, Oct. 26.

North American Aviation, Inc., assignee: *See*—
Martin, Eric L.

Obernauer, William, assignor to E. Jacobson, New York, N. Y. Sealing and carrying device. 2,452,485, Oct. 26.

O'Clair, Norman W., Somerville, Mass. Self-contained portable film developing apparatus. 2,452,389, Oct. 26.

Olcott, Charles A., West Milford, N. J. Fluid pressure operated curb sirup separator. 2,452,207, Oct. 26.

Olson, Carl M., Oak Ridge, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hydrolyzable titanium solutions. 2,452,390, Oct. 26.

O'Meara, James P., assignor to W. M. Sprinkman Corporation, Milwaukee, Wis. Filter. 2,452,486, Oct. 26.

Oppenheimer, Franz: *See*—
Levinson, Sidney O., and Oppenheimer.

Osborne, Sidney G., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Apparatus for compressing highly reactive gases. 2,452,526, Oct. 26.

Osgood, Charles F., Claremont, N. H., assignor to Joy Manufacturing Company. Cutter chain. 2,452,082, Oct. 26.

O'Sullivan, Eugene, Chislehurst, England. Scaffolding and like structures. 2,452,487, Oct. 26.

O'Sullivan, Frederick J., and W. B. du Pont, deceased, by M. A. du Pont, administratrix, assignors to The National Radiator Company, Johnstown, Pa. Heat exchanger. 2,452,391, Oct. 26.

Otis Elevator Company, assignee: *See*—
Watson, Gavin, Bruns, and Galanty.

Owens, Freeman H., New York, N. Y. Apparatus for radio tuning, volume control, wave band selection, and other purposes. 2,452,067, Oct. 26.

Pabis, Frank D., Amsterdam, N. Y. Electric burning-in knife. 2,452,259, Oct. 26.

Pacific Electric Manufacturing Corporation, assignee: *See*—
Brock, Arnold E.
Gerard, Roy H., and Smith.

Paddock, Ormond H., Rossford, and J. P. Pearse, Swanton, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending glass. 2,452,488, Oct. 26.

Pallet Engineering Company, assignee: *See*—
Bryson, Newall M.

Panter, Charles M. R. D., Harlington, assignor to Shrager Bros. Limited, London, England. Adjustable chair. 2,452,140, Oct. 26.

Parker Pen Company, The: *See*—
Tefft, Ivan D.

Partridge, William A., and H. J. Alty, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Motor fuels. 2,452,489, Oct. 26.

Pasdertz, Joseph R., Joliet, Ill. Die holder. 2,452,141, Oct. 26.

Patent Button Company, The, assignee: *See*—
Zwiebel, William A.

Patterson, John A.: *See*—
Kluge, Herman D., and Patterson.

Patterson, John A., and H. D. Kluge, Beacon, assignors to The Texas Company, New York, N. Y. Rust and oxidation inhibited lubricating compositions. 2,452,319, Oct. 26.

Payne, Charles E., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Continuously variable inductance. 2,452,490, Oct. 26.

Pearse, John P.: *See*—
Paddock, Ormond H., and Pearse.

Pecker, Anne G., assignee: *See*—
Pecker, Joseph S.

Pecker, Joseph S., assignor of one-half to A. G. Pecker, Philadelphia, Pa. Viscosity control. 2,452,142, Oct. 26.

Peebles, David D., Hillsborough, assignor to Golden State Company, Ltd., San Francisco, Calif. Heating apparatus. 2,452,260, Oct. 26.

Pellettere, Joseph A., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Fluid sampling system. 2,452,143, Oct. 26.

Perfect Circle Company, The: *See*—
Teetor, Ralph R.

Perfection Steel Body Company, The, assignee: *See*—
Brick, Perry A.

Pescara, Raul P., assignee: *See*—
Huber, Robert.

Peter, Leslie H., London, England, assignor, by mesne assignments, to Westinghouse Air Brake Company, Pittsburgh, Pa. Apparatus for effecting and controlling the inflation of pneumatic tires for vehicle wheels. 2,452,527, Oct. 26.

Petersen, John H.: *See*—
Ingalls, David, and Petersen.

Peterson, Robert E., Danvers, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Sound pickup device. 2,452,068, Oct. 26.

Petree, Jay R., Fayetteville, assignor to Crouse-Hinds Company, Syracuse, N. Y. Grounding fitting. 2,452,491, Oct. 26.

Pettus, James L., Sherman Oaks, Calif., assignor to Radio Corporation of America. Light modulator mount. 2,452,322, Oct. 26.

Philbin, William A., Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass handling device. 2,452,392, Oct. 26.

Philco Corporation: *See*—
Nichol, Arthur V.
Tiley, John W.

Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Electrical swing joint. 2,452,144, Oct. 26.

Phillips Petroleum Company, assignee: *See*—
Drennan, Harry E.

Pierce Governor Company, assignee: *See*—
Reger, Raymond.

Pike, Ralph H., Kalispell, Mont. Telescope sight mounting. 2,452,145, Oct. 26.

Platzer, George E., Springfield, Mass., assignor to Chrysler Corporation, Highland Park, Mich. Spinning ring. 2,452,323, Oct. 26.

Plummer, Fred L., assignor to Hammond Iron Works, Warren, Pa. Tank top. 2,452,146, Oct. 26.

Proctor & Schwartz, Inc., assignee: *See*—
Bokum, William F.

Radio Corporation of America, assignee: *See*—
Crosby, Murray G.
Daley, Charles.
Leverenz, Humboldt W.
Lindenblad, Nils E.
Nergaard, Leon S.
Pettus, James L.
Sontheimer, Carl G.
Spencer, James A., Kennedy, and Thomas.

Raines, Arnold: *See* —
Everett, John L., and Raines.

Raytheon Manufacturing Company, assignee: *See*—
Anderson, Homer G.
Kather, Erich N.
Klemperer, Hans.
Krim, Norman B.
Le Van, James D.
Reed, William B.
Runkle, Lloyd D.
Smith, Charles G.
Spencer, Percy L.

Reed, William B., Westwood, assignor to Raytheon Manufacturing Company, Newton, Mass. Grid structure. 2,452,069, Oct. 26.

Reese, Michael Research Foundation, assignee: *See*—
Levinson, Sidney O., and Oppenheimer.

Reger, Raymond, assignor to Pierce Governor Company, Anderson, Ind. Velocity governor. 2,452,208, Oct. 26.

Reger, Raymond, assignor to The Pierce Governor Company, Inc., Anderson, Ind. Governor-throttle connection. 2,452,393, Oct. 26.

Rehberg, Chessie E., Glenside, and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Cellulose ether plasticized with bis(allyl lactate) maleate. 2,452,209, Oct. 26.

Reibig, Eric A.: *See*—
Wiken, Christy A., and Reibig.

Reinhold, Frank W., Beverly, and J. J. Maciejowski, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Training mechanisms for firearms. 2,452,147, Oct. 26.

Remington, Ralph E., administrator: *See*—
Tomlin, John R.

Remington Rand Inc., assignee: *See*—
Schutt, Friedrich J.

Research Corporation: *See*—
Milas, Nicholas A.

Rhodes, Curtis L., Ripley, W. Va. Adjustable keyhole saw. 2,452,148, Oct. 26.

Richartz, Paul, Sheffield, England. Method and apparatus for covering a scale for the handle of a pocket knife. 2,452,149, Oct. 26.

Rieber, William K.: *See*—
Leitner, Richard G., and Rieber.

Rigby, Ernest E., Penwortham, Preston, England. Inlet fitting for tanks. 2,452,394, Oct. 26.

Rivers, Walter, Coeur d'Alene, Idaho. Churn. 2,452,492, Oct. 26.

Roberts, Alfred, assignee: *See*—
Sweet, Roland G.

Roberts, James H., assignor of one-fourth to B. Ivy, Osceola, Ark. Pump packing means. 2,452,261, Oct. 26.

Roberts, Wesley J., North Little Rock, Ark. Egg carton. 2,452,150, Oct. 26.

Robertshaw-Fulton Controls Company, assignee: *See*—
Strobel, Charles K.

Robins, Bert D., New York, N. Y. Chain and lock mechanism. 2,452,151, Oct. 26.

Robinson, Charlotte R. B., assignee et al.: *See*—
Bucknell, Ernest H., and Bletcher.

Rockwell Manufacturing Company, assignee: *See*—
Wiken, Christy A., and Reibig.

Rogers, Jesse J., Duluth, Minn. Combined illuminating and radiating type heater. 2,452,210, Oct. 26.

Rohm & Haas Company, assignee: *See*—
Bruson, Herman A., and Niederhauser.

Rollason, Ernest C., Waltham Abbey, and E. H. S. van Someren, Broxbourne, England, assignors to Metal & Thermit Corporation. Silicone resins for weld coatings. 2,452,493, Oct. 26.

Ronning, Martin, St. Louis Park, and K. M. Keith, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Harvester platform adjusting means. 2,452,153, Oct. 26.

Rooney, James H., J. H. Sharphouse, and P. R. Hawtin, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America. Process of forming polyvinyl formal coatings on textiles. 2,452,152, Oct. 26.

Rosan, Joseph, North Hollywood, Calif. Fluid seal for inserts. 2,452,262, Oct. 26.

Rose, Francis E., Drexel Hill, Pa. Fire escape. 2,452,324, Oct. 26.

Rosenthal, Adolph H., assignor to Scophony Corporation of America, New York, N. Y. Machine for mechanically working materials. 2,452,211, Oct. 26.

Ross, John, Ramsey, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Bromination. 2,452,154, Oct. 26.

Rosser, Robert F., Miami, Fla. Form-securing clamp. 2,452,325, Oct. 26.

Rothen, Edward M., Bloomfield, N. J., assignor to Russell & Stoll Company, Inc., New York, N. Y. Pull point connection device. 2,452,494, Oct. 26.

Rubatex Products, Inc., assignee: *See*—
Bascom, Roger C.

Ruegg, Rudolf, assignor to Ciba Limited, Basel, Switzerland. Disazo dyestuffs. 2,452,263, Oct. 26.

Runkle, Lloyd D., Gloucester, assignor to Raytheon Manufacturing Company, Newton, Mass. Resistance welding forging pressure control. 2,452,070, Oct. 26.

Russell, Robert C., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Cooling apparatus, temperature control. 2,452,264, Oct. 26.

Russell & Stoll Company, Inc., assignee: *See*—
Rothen, Edward M.

Rust, Frederick F., and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of paraffinic hydrocarbons. 2,452,326, Oct. 26.

Rybicki, Walter, Garfield Heights, Ohio. Working the die hole contour of a wire drawing die. 2,452,155, Oct. 26.

Ryder, Charles D., Covington, assignor to The Grote Manufacturing Company, Bellevue, Ky. Truck reflector. 2,452,528, Oct. 26.

Sabini, Frederick, Salem, N. J. Toy submarine. 2,452,495, Oct. 26.

Sand, Robert T., assignor of forty per cent to F. T. Hicks, Detroit, Mich. Multipurpose light. 2,452,327, Oct. 26.

Satrian, Rudy A., Chattanooga, Tenn. Scalp protector. 2,452,265, Oct. 26.

Saubestre, Basil F., Elmhurst, assignor to American Can Company, New York, N. Y. Can body. 2,450,071, Oct. 26.

Schaeffer, Benjamin B.: *See*—
Ault, Waldo C., and Schaeffer.

Scharff, Fritz M., Lorain, Ohio, assignor to National Tube Company. Rolling mill roll. 2,452,266, Oct. 26.

Schatz, Karl, Peekskill, N. Y. Food cutting utensil. 2,452,328, Oct. 26.

Schatz, Sherman A., Charleston, W. Va. Explosive bullet. 2,452,072, Oct. 26.

Schelling, Clarence J., Chicago, Ill. Cutoff switch for screw feeders. 2,452,395, Oct. 26.

Schild, John A.: *See*—
Hayward, James R., Schild, and Hartup.

Schivley, George W., Buchtel, and P. W. Springer, Dayton, Ohio. Folded dipole. 2,452,073, Oct. 26.

Schmidt, Henry D.: *See*—
Morehead, John H., and Schmidt.

Schmitter, Walter P.: *See*—
Falk, Louis W., Schmitter, and Maurer.

Schneider, Hermann: *See*—
Straub, Fritz, Widmer, and Schneider.

Schneider, Paul L., and D. H. Dudderar, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Windshield wiper blade operating mechanism. 2,452,496, Oct. 26.

Schover, Donald S., Chicago, Ill., assignor to United States of America as represented by the United States Atomic Energy Commission. Float position indicator. 2,452,156, Oct. 26.

Schramm, Arthur G., Phoenix, Ariz. Elevatable bed trailer. 2,452,267, Oct. 26.

Schumann, Robert, Racine, Wis. Motor hand tool assembly. 2,452,268, Oct. 26.

Schutt, Friedrich J., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Control and indexing mechanism for document photographing machines. 2,452,497, Oct. 26.

Schwantes, Otto R., Milwaukee, Wis. Stoker controlled heating system. 2,452,329, Oct. 26.

Schwartz, Fred J., Walled Lake, assignor to General Motors Corporation, Detroit, Mich. Seam welding. 2,452,498, Oct. 26.

Scophony Corporation of America, assignee: *See*—
Rosenthal, Adolph H.

Scovill Manufacturing Company, assignee: *See*—
Williams, Selden T.

Sears, Raymond W., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated. Electron discharge apparatus. 2,452,157, Oct. 26.

Seeman Bros., Inc., assignee: *See*—
Bell, Morris.

Senfleben, Paul W., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe form. 2,452,158, Oct. 26.

Sepavich, Victor F.: *See*—
Kronoff, Clarence R., and Sepavich.

Shanley, Edward S., Grand Island, and H. O. Kauffmann, Eggertsville, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Peroxide-glycerol explosive. 2,452,074, Oct. 26.

Sharphouse, John H.: *See*—
Rooney, James H., Sharphouse, and Hawtin.

Shell Development Company, assignee: *See*—
Rust, Frederick F., and Vaughan.

Shideler, Elbert M.: *See*—
Bloxom, Harvey L., and Shideler.

Shimmon, William L., Modesto, Calif. Vineyard plow. 2,452,212, Oct. 26.

Shippee, Carl C.: *See*—
Shippee, Winsor and C. C.

Shippee, Winsor, Fair Haven, N. J. Fastener. 2,452,331, Oct. 26.

Shippee, Winsor and C. C., Fair Haven, N. J. Fastener. 2,452,330, Oct. 26.

Shopmaker, Leopold, Kansas City, Kans. Grip attachment for violin bows. 2,452,396, Oct. 26.

Shotton, John C., Lakewood, Ohio. Smoking pipe. 2,452,397, Oct. 26.

Schrager Bros., Limited, assignee: *See*—
Panter, Charles M. R. D.

Siezen, Gerrit J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Amplifying circuit arrangement. 2,452,499, Oct. 26.

Signet, Ltd., assignee: *See*—
Allen, La Bron R. and J. H., and Kabitsch.

Sinclair Refining Company: *See*—
Teter, John W.

Singer Manufacturing Company, The, assignee: *See*—
Ackerman, James E.

Siptrott, Paul, New York, N. Y. Nail holding tool. 2,452,332, Oct. 26.

Skelly Oil Company, assignee: *See*—
Wong, Soon Y.

Skinner, Hazel B., assignee, et al.: *See*—
Bucknell, Ernest H., and Bletcher.

Small, Giltner S., Sacramento, Calif. Spectacles with readily removable lenses. 2,452,159, Oct. 26.

Smith, Adolph, New Orleans, La. Grinding wheel dresser. 2,452,398, Oct. 26.

Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Velocity modulation electron discharge tube. 2,452,075, Oct. 26.

Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Pressure switch. 2,452,500, Oct. 26.

Smith, Roman L., Los Angeles, Calif. Shiftable bed rail table. 2,452,160, Oct. 26.

Smith, Roy H.: *See*—
Gerard, Roy H., and Smith.

Snoek, Jacob L., Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., trustee. Magnet core. 2,452,529, Oct. 26.

Snoek, Jacob L., Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Magnetic core. 2,452,530, Oct. 26.

Snoek, Jacob L., Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Manufacturing a magnetic material and magnetic core. 2,452,531, Oct. 26.

Soll, Samuel: *See*—
Jones, Grinnell, Juda, and Soll.

Sonthelmer, Carl G., Riverside, Conn., assignor to Radio Corporation of America. Wave generating system. 2,452,213, Oct. 26.

Spencer, James A., Teaneck, N. J., and C. L. Kennedy, Patchogue, and L. A. Thomas, Brooklyn, N. Y., assignors to Radio Corporation of America. Telegraphic code transmitter. 2,452,333, Oct. 26.

Spencer, Myron C., Ocean Grove, N. J. Gun mount. 2,452,076, Oct. 26.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electric discharge device. 2,452,077, Oct. 26.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Thermally tunable electron discharge device. 2,452,078, Oct. 26.

Sperry Corporation, The, assignee: *See*—
Hansen, William W., and Varian.
Kellogg, Spencer, 2nd.

Sprague, Theodore, IV, assignor to A. J. Higgins, New Orleans, La. Rudder assembly. 2,452,334, Oct. 26.

Springer, Paul W.: *See*—
Schivley, George W., and Springer.

Sprinkman, W. M., Corporation, assignee: *See*—
O'Meara, James P.

Squires, Harold B., Los Angeles, Calif. Parking guide. 2,452,161, Oct. 26.

Stacy, Leland J., Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,452,079, Oct. 26.

Stadler, John, Montreal, Quebec, Canada. Stock agitating and circulating attachment for stock tanks used in pulp and paper mills. 2,452,399, Oct. 26.

Stahl, William F.: *See*—
Collins, Fred V.

Staley, Allen C.: *See*—
Herreshoff, Alexander G., and Staley.

Standard-Knapp Corporation, assignee: *See*—
Holstebroe, Kaye B., and Wimmer.

Standard Railway Equipment Manufacturing Company, assignee: *See*—
Cisco, Edward S.
Swann, James S.
Thompson, Alfred L.

Stanton, Robert J., Brooklyn, and C. Lowry, assignors to Induction Heating Corp., New York, N. Y. Induction heating coil. 2,452,162, Oct. 26.

Stephenson, Wilbur T., assignor to The Dow Chemical Company, Midland, Mich. Continuously extruding vinylidene chloride polymer tubes and stretching the same. 2,452,080, Oct. 26.

Stevens, Adolph K., Buffalo, N. Y. Hairpin holder. 2,452,400, Oct. 26.

Stewart, Carlton D., et al.: *See*—
Hines, Claude M., and Stewart.

Stine, Donald G., Mount Carmel, Pa. Explosive projectile. 2,452,269, Oct. 26.

Stivin, Jiff. Rychnov, Czechoslovakia. Regeneration of electron discharge devices. 2,452,401, Oct. 26.

Stok-A-Fire Company, Inc.: *See*—
Graham, Roy F.

Stoner, George H., Seattle, Wash., assignor to Boeing Airplane Company. Two-axis rate gyro. 2,452,335, Oct. 26.

Straub, Fritz, Kaiseraugst, W. Widmer, Bottmingen, and H. Schneider, Riehen, Switzerland, assignors to Ciba Limited. Metallizable monoazo dyes. 2,452,171, Oct. 26.

Stringe, Jack W., Oak Park, Ill. Trimming apparatus. 2,452,402, Oct. 26.

Strobel, Charles K., Pittsburgh, Pa., assignor to Robertshaw-Fulton Controls Company. Safety control and ignition system for fuel burners. 2,452,336, Oct. 26.

Strutt, Maximilliaan J. O., and A. van der Ziel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for the amplification, frequency-transformation, or production of ultra high frequency oscillations. 2,452,337, Oct. 26.

Stuart, Clarence C., assignor to Traffic Transport Engineering, Inc., Dearborn, Mich. Trailer. 2,452,270. Oct. 26.

Stukart, Hendrik, assignor to U. S. Slicing Machine Company, La Porte, Ind. Switch control mechanism for meat tendering apparatus. 2,452,403, Oct. 26.

Submarine Signal Company, assignee: *See*—
Peterson, Robert E.
Turner, Edwin E., Jr.

Sullinger, Francis E., Claremont, N. H., assignor to Joy Manufacturing Company. Cutter chain. 2,462,081, Oct. 26.

Sun Oil Company, assignee: *See*—
Hetzel, Stanford J., and Kennedy.
Kennedy, Robert M., and Hetzel.

Supervision, Incorporated, assignee: *See*—
Doble, George N., Jr.

Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Drop endgate for railway cars. 2,452,163, Oct. 26.

Swanson, Albert J., Oak Lawn, and J. R. Gardner, Bellwood, Ill. Garage door operation. 2,452,501, Oct. 26.

Sweet, Roland G., Pleasanton, assignor to A. Roberts, Concord, Calif. Leather vise. 2,452,271, Oct. 26.

Sylvania Electric Products, Inc., assignee: *See*—
Burns, Laurence.
Metten, Herbert.

Tarbox, John P., Philadelphia, Pa. Shoe construction. 2,452,502, Oct. 26.

Taylor, Frank: *See*—
Dawes, Robert T., and Taylor.

Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,452,503, Oct. 26.

Tefft, Ivan D., assignor to The Parker Pen Company, Janesville, Wis. Writing instrument. 2,452,504, Oct. 26.

Te Grotenhuis, Theodore A., Olmsted Falls, Ohio. Reinforcing organic-polysulfide rubbery material with carbon black. 2,452,083, Oct. 26.

Tennessee Valley Authority, assignee: *See*—
Elmore, Kelly L.

Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Dehydrogenating saturated nitriles to unsaturated nitriles. 2,452,505, Oct. 26.

Texas Company, The, assignee: *See*—
Grahame, James H.
Kluge, Herman D., and Patterson.
Patterson, John A., and Kluge.
Vermillion, Herbert E.

Thomas, Lewis A.: *See*—
Spencer, James A., Kennedy, and Thomas.

Thompson, Alfred L., Munster, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerant container construction for railway refrigerator cars. 2,452,164, Oct. 26.

Thompson, Alonzo Z., Selma, N. C. Logging cart. 2,452,338, Oct. 26.
Thompson Products, Inc.: *See*—
Booth, James H.
Thomson, John B., assignee: *See*—
Ferger, Hulbert K.
Tiley, John W., assignor to Philco Corporation, Philadelphia, Pa. Magnetron. 2,452,272, Oct. 26.
Titeflex, Inc., assignee: *See*—
Ingalls, David, and Petersen.
Tomlin, John R., Arlington, Va.; R. E. Remington, administrator of said J. R. Tomlin, deceased. Drop-testing device. 2,452,084, Oct. 26.
Traffic Transport Engineering, Inc., assignee: *See*—
Stuart, Clarence C.
Tri-State Engineering Company: *See*—
Colt, Burton C., Jr.
Tritton, Suzanne M. L., Loughton, England. Food preparations. 2,452,506, Oct. 26.
Turkat, Meyer, Flushing, assignor to Atlas Consolidated Corporation, New York, N. Y. Snap-action fluorescent light switch. 2,452,507, Oct. 26.
Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Interchange of electrical and acoustical energy. 2,452,085, Oct. 26.
Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Sound producer and receiver. 2,452,086, Oct. 26.
Tyrer, Daniel, Stockton-on-Tees, England. Manufacture of phenols or salts thereof. 2,452,404, Oct. 26.
Uhlig, William F., Newburgh, N. Y. Apparatus for printing and drying of textile fabrics. 2,452,339, Oct. 26.
Ulanet, Herman, Newark, N. J. Snap action thermal limit switch. 2,452,508, Oct. 26.
United Aircraft Corporation, assignee: *See*—
Zimmerman, Charles H.
United Shoe Machinery Corporation, assignee: *See*—
Johnson, Charles E.
Reinhold, Frank W., and Maciejowski.
Senfleben, Paul W.
United States Atomic Energy Commission, United States of America, as represented by the, assignee: *See*—
Newton, Amos S.
Schover, Donald S.
U. S. Slicing Machine Company: *See*—
Stukart, Hendrik.
Unruh, Cornelius C., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Heteropolymer of isopropenyl acetate and maleic anhydride. 2,452,165, Oct. 26.
Van der Heem, Jan, The Hague, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Radio receiver circuit arrangement. 2,452,340, Oct. 26.
Van der Ziel, Albert: *See*—
Strutt, Maximiliaan J. O., and van der Ziel.
Van Sant, Robert H., Alexandria, Va. Applicator. 2,452,273, Oct. 26.
Van Someren, Ernest H. S.: *See*—
Rollason, Ernest C., and van Someren.
Varian, Russell H.: *See*—
Hansen, William W., and Varian.
Vaughan, William E.: *See*—
Rust, Frederick F., and Vaughan.
Vaughn, Raymond E.: *See*—
Gravenhorst, Everett, and Vaughn.
Vermillion, Herbert E., Fishkill, assignor to The Texas Company, New York, N. Y. Alkylation of isobutane with ethylene. 2,452,166, Oct. 26.
Victor Metal Products Corporation, assignee: *See*—
Derham, Philip A.
Victory, Frederick C., West Haven, and J. R. Moore, Bridgeport, Conn., assignors to Moore Special Tool Co., Inc. Wheel truing device. 2,452,509, Oct. 26.
Vincent-McCall Company, The: *See*—
Vincent, William W., Jr.
Vincent, William W., Jr., assignor to The Vincent-McCall Company, Kenosha, Wis. Chaise longue. 2,452,405, Oct. 26.
Vogel, Oliver G., and F. E. Kirk, Oak Park, Ill., assignors to Hotpoint Inc. Clamp-on electric heater for water tanks and the like. 2,452,214, Oct. 26.
Volkery, Bernhard, and J. Kosiowski, Shrub Oak, N. Y. Two-part, screw-connected clamp. 2,452,406, Oct. 26.
Wade, Charles B.: *See*—
Gray, Griffin W., and Wade.
Wadleck, Joseph P.: *See*—
Munschauer, Frederick E., and Wadleck.
Wagner, Roy W., Fairbury, Nebr. Pump jack. 2,452,087, Oct. 26.
Walner, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric material. 2,452,532, Oct. 26.
Wainwright, George R., Glendale, assignor, by mesne assignments, to W. H. Maxwell, Los Angeles, Calif. Rotary hook. 2,452,167, Oct. 26.
Walker, Earl C., Altadena, Calif. Filter. 2,452,407, Oct. 26.
Wallenberg, Victor H., Stockholm, Sweden. Sub-caliber assembly for firearms. 2,452,510, Oct. 26.
Walters, Thomas A., assignor to American Blower Corporation, Detroit, Mich. Fan having auxiliary cutoff. 2,452,274, Oct. 26.
War, the United States of American as represented by the Secretary of, assignee: *See*—
Fox, Benjamin.
Woodberry, David L., Howerton, and Dunbar.
Warner Electric Brake Manufacturing Company, assignee: *See*—
Born, Frank G.
Warren, Doyle, Monrovia, assignor to Chiksan Tool Company, Brea, Calif. Swivel type coaxial connector. 2,452,168, Oct. 26.
Warren Featherbone Co., The, assignee: *See*—
Kraft, Marie J., and Durey.
Warrick, Earl L.: *See*—
McGregor, Rob R., and Warrick.
Warsher, Adolph, Maywood, assignor to M. M. Bilofsky, Newark, N. J. Heat responsive switch. 2,452,511, Oct. 26.
Washbond, Harry H., assignor to The Baker Manufacturing Company, Springfield, Ill. Gradebuilder blade mounting. 2,452,408, Oct. 26.
Wasserman, David, New York, N. Y. Game. 2,452,341, Oct. 26.
Watson, Gavin, Ossining, and W. H. Bruns, Lincolndale, N. Y., and H. E. Galamty, Hillside, N. J., assignors to Otis Elevator Company, New York, N. Y. Elevator control system. 2,452,342, Oct. 26.
Weaver, Edgar R.: *See*—
Kemmner, Paul H., and Weaver.
Wells, Robert, Kankakee, Ill. Folding picnic table. 2,452,169, Oct. 26.
Wells, Roy E., assignor to Art Metal Construction Company, Jamestown, N. Y. Filing cabinet. 2,452,512, Oct. 26.
Wells, Sidney D., Combined Locks, assignor to The Institute of Paper Chemistry, Appleton, Wis. Preparation of paper-making fiber and other useful materials from straw. 2,452,533, Oct. 26.
Wenger, Clifton E., Detroit, Mich. Air heater for motor vehicles. 2,452,170, Oct. 26.
Westinghouse Air Brake Company, The, assignee: *See*—
Bent, Arthur J.
Hines, Claude M., and Stewart.
Peter, Leslie H.
Westinghouse Electric Corporation, assignee: *See*—
Edwards, Andrew W.
Leeds, Winthrop M.
Whitehead, Willard J., assignor to Woodward Governor Company, Rockford, Ill. Governor control for prime movers. 2,452,088, Oct. 26.
Wickman, Wiley W., Los Angeles, Calif. Rotary abrading device. 2,452,409, Oct. 26.
Widin, Edgar F., assignee: *See*—
Garros, Michael.
Widmer, Willy: *See*—
Straub, Fritz, Widmer, and Schneider.
Wiegel, Otto, Chicago, Ill. Drill rod rack. 2,452,410, Oct. 26.
Wiken, Christy A., and E. A. Reibig, Milwaukee, Wis., assignors, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Universal work head. 2,452,089, Oct. 26.
Willard, Herbert B., Port Arthur, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Method for catalytic cracking of hydrocarbon oils. 2,452,172, Oct. 26.
Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Valve for insecticide sprays. 2,452,215, Oct. 26.
Wilson, George S., Haworth, N. J. Garment hanger. 2,452,513, Oct. 26.
Wilson, Tom, Baltimore, Md., assignor to Bethlehem Steel Company. Apparatus for hot sawing. 2,452,343, Oct. 26.
Wimmer, Ludwig: *See*—
Holstebroe, Kaye B., and Wimmer.
Wong, Soon Y., Pawhuska, assignor to Skelly Oil Company, Tulsa, Okla. Concentrating and refining formaldehyde solutions by distillation with hydrocarbons. 2,452,412, Oct. 26.
Wong, Soon Y., Pawhuska, assignor to Skelly Oil Company, Tulsa, Okla. Concentrating and refining formaldehyde solutions by distillation with halogenated hydrocarbons. 2,452,413, Oct. 26.
Wong, Soon Y., Pawhuska, assignor to Skelly Oil Company, Tulsa, Okla. Concentrating and refining formaldehyde solutions by distillation with oxygenated hydrocarbon derivatives. 2,452,414, Oct. 26.
Wong, Soon Y., Pawhuska, assignor to Skelly Oil Company, Tulsa, Okla. Concentrating and refining formaldehyde solutions by distillation with hydrocarbon derivatives containing nitrogen and oxygen. 2,452,415, Oct. 26.
Wood, Louvan E., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Coding apparatus. 2,452,090, Oct. 26.
Woodberry, David L., U. S. Army, W. W. Howerton, Bel Air, Md., and A. Dunbar, Teaneck, N. J., assignors to the Secretary of War of the United States of America, as trustee. Incendiary material. 2,452,091, Oct. 26.
Woodling, George V., Cleveland, Ohio. Tube fitting coupling. 2,452,275, Oct. 26.
Woodling, George V., Cleveland, Ohio. Tube fitting device. 2,452,276, Oct. 26.

Woodling, George V., Cleveland, Ohio. Tube coupling. 2,452,277, Oct. 26.
Woodling, George V., Cleveland, Ohio. Tube coupling device. 2,452,278, Oct. 26.
Woodward Governor Company, assignee: *See*—
Whitehead, Willard J.
Woolery, Horace E., St. Paul; M. L. Woolery, executrix of said H. E. Woolery, deceased, assignor to Woolery Machine Company, Minneapolis, Minn. Weed burner. 2,452,411, Oct. 26.
Woolery Machine Company, assignee: *See*—
Woolery, Horace E.
Woolery, Myra L., executrix: *See*—
Woolery, Horace E.
Worthington Pump and Machinery Corporation: *See*—
Hahn, Clarence J.
Wright, James G. E., Alplaus, N. Y., assignor to General Electric Company. Making dimethyl silicone products. 2,452,416, Oct. 26.
Yarber, Gordon W., Seattle, Wash. Drafting table. 2,452,216, Oct. 26.
Young, Charles W., Cuyahoga Falls, Ohio. Holder for fishing poles. 2,452,279, Oct. 26.
Zahller, Virgil, assignor to I. J. Fickel, Belle Center, Ohio. Shock absorbing seat structure for tractors. 2,452,280, Oct. 26.
Zaremba Company, assignee: *See*—
Hughes, Burton S.
Zentis, William A., Chicago, Ill., assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for use in designing solar houses. 2,452,417, Oct. 26.
Zimmerman, Charles H., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Aircraft propulsion means. 2,452,281, Oct. 26.
Zuckerman, Roscoe C., Stockton, Calif. Beet digger. 2,452,418, Oct. 26.
Zwiebel, William A., assignor to The Patent Button Company, Waterbury, Conn. Plastic button. 2,452,173, Oct. 26.
Zychlinski, Lech W. S., Narberth, Pa. Paper clip. 2,452,514, Oct. 26.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 26TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Core for yarn or thread packages and making the same. J. E. A. Blanchet. Re. 23,046, Oct. 26.

Electric heater. G. C. Wicks. Re. 23,047, Oct. 26.

LIST OF PLANT INVENTIONS

Rose plant. R. L. Byrum. 809, Oct. 26.

LIST OF DESIGN INVENTIONS

Apron. M. J. Kraft. 151,518, Oct. 26.
Ash tray. R. W. Raine and G. T. Derby. 151,557, Oct. 26.
Awning or the like. W. C. Allison. 151,484, Oct. 26.
Belt. D. M. Scott and E. Steinberg. 151,560, Oct. 26.
Bottle. L. J. Colwell. 151,507, Oct. 26.
Bottle, Perfume. J. K. Lielio. 151,520, Oct. 26.
Bracelet or similar article. A. Philippe. 151,537, Oct. 26.
Bracelet or similar article. A. Philippe. 151,542, Oct. 26.
Bracelet or similar article. A. Philippe. 151,546, Oct. 26.
Bracelet or similar article. A. Philippe. 151,550, Oct. 26.
Brooch and watch, Combined. O. Pennino. 151,529, Oct. 26.
Brooch or similar article. M. Boucher. 151,490–8, Oct. 26.
Brooch or similar article. M. Boucher. 151,500–5, Oct. 26.
Brooch or similar article. A. Philippe. 151,538, Oct. 26.
Brooch or similar article. A. Philippe. 151,544–5, Oct. 26.
Brooch or similar article. A. Philippe. 151,548, Oct. 26.
Brooch or similar article. A. Philippe. 151,551–5, Oct. 26.
Brush, Palate plate. R. F. Taylor. 151,570, Oct. 26.
Building. H. W. Sachs. 151,559, Oct. 26.
Calculating machine. A. B. Machado. 151,521, Oct. 26.
Casing, Electric drier. E. S. Hewitt. 151,515, Oct. 26.
Casing, Remote controller. L. Martling, Jr. 151,522, Oct. 26.
Casing, Space heater. C. G. Bjorncrantz. 151,487–8, Oct. 26.
Chopper, Food. F. P. Hess and H. A. Wormeck. 151,514, Oct. 26.
Coat, Fur. J. Weckstein. 151,573, Oct. 26.
Collar or similar article, Bead. J. Harber. 151,512, Oct. 26.
Dice game device. E. E. Southwell. 151,562, Oct. 26.
Dress. J. F. Strassner 151,563, Oct. 26.
Dress. J. F. Strassner. 151,565–6, Oct. 26.
Dress. J. F. Strassner. 151,568, Oct. 26.
Dress ensemble. J. F. Strassner. 151,564, Oct. 26.
Dress ensemble. J. F. Strassner. 151,567, Oct. 26.
Earring or similar article. A. Katz. 151,516–17, Oct. 26.
Earring or similar article. A. Philippe. 151,531–4, Oct. 26.
Earring or similar article. A. Philippe. 151,539, Oct. 26.
Earring or similar article. A. Philippe. 151,543, Oct. 26.
Earring or similar article. A. Philippe. 151,547, Oct. 26.
Fireplace screen and fender, Combined. H. C. Packard. 151,525, Oct. 26.
Game board. W. G. Batchelder. 151,486, Oct. 26.
Handbag. L. E. Meadow. 151,523–4, Oct. 26.
Handle, Toothbrush. W. F. Alderson. 151,483, Oct. 26.
Holder, Combined cigar, cigarette, and match. F. J. Hayman. 151,513, Oct. 26.
Holder, Match book. J. H. Sutton. 151,569, Oct. 26.
Jewelry component. B. Patek. 151,528, Oct. 26.
Knocker, Door. J. F. Williams. 151,574, Oct. 26.
Lamp. M. Aronek. 151,485, Oct. 26.
Lamp. A. Sommerville. 151,561, Oct. 26.
Lawn sweeper. E. D. Parker. 151,526–7, Oct. 26.
Link chain for a bracelet or similar article, Expansible. E. E. Fachon. 151,509–10, Oct. 26.
Luminaire. F. C. Winkler and B. A. Wyman. 151,575–7, Oct. 26.
Necklace or similar article. M. Boucher. 151,499, Oct. 26.
Necklace or similar article. A. Philippe. 151,530, Oct. 26.
Necklace or similar article. A. Philippe. 151,535–6, Oct. 26.
Necklace or similar article. A. Philippe. 151,540–1, Oct. 26.
Pin clip or similar article. A. Philippe. 151,549, Oct. 26.
Pipe attachment, Smoking. L. W. Russi. 151,558, Oct. 26.
Pitcher or similar article, Cream. N. E. Graven. 151,511, Oct. 26.
Plug for electric outlets, Dummy. G. H. Tillinghast. 151,571, Oct. 26.
Rack or similar article, Tie. H. A. Tomarin. 151,572, Oct. 26.
Rack, Sewing. J. V. Dente. 151,508, Oct. 26.
Savings bank. A. Quackenbush. 151,556, Oct. 26.
Shoe sole. H. Laybolt. 151,519, Oct. 26.
Socket and control switch, Combined bracket lamp. C. F. Bookman, Jr., and Z. H. Jammé. 151,489, Oct. 26.
Suit. S. Cohen. 151,506, Oct. 26.

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PATENTS WERE ISSUED ON THE 26TH DAY OF OCTOBER, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Actuator, Fluid pressure controlled. A. J. Bent. 2,452,176, Oct. 26.
Addition products from acrylic esters. H. A. Bruson and W. D. Niederhauser. 2,452,029, Oct. 26.
Adjustable chair. C. M. R. D. Panter. 2,452,140, Oct. 26.
Adjustable support. C. E. Morley. 2,452,316, Oct. 26.
Adjusting means, Harvester platform. M. Ronning and K. M. Keith. 2,452,153, Oct. 26.
Air heater for motor vehicles. C. E. Wenger. 2,452,170, Oct. 26.
Airplane propeller, Adjustable pitch. O. C. Enerud. 2,452,444, Oct. 26.
Alkyl esters of chloroacetic acid, Preparing. W. P. Bitler, T. C. Aschner, and L. Nicholl. 2,452,350, Oct. 26.
Alkylation of isobutane with ethylene. H. E. Vermillion. 2,452,166, Oct. 26.
Antenna, Directive radio. H. I. Becker. 2,452,349, Oct. 26.
Apparatus and process for testing materials. P. W. Gumaer. 2,452,122, Oct. 26.
Apparatus for bending glass. O. H. Paddock and J. P. Pearse. 2,452,488, Oct. 26.
Apparatus for compressing highly reactive gases. S. G. Osborne. 2,452,526, Oct. 26.
Apparatus for hot sawing. T. Wilson. 2,452,343, Oct. 26.
Apparatus for molding rubber and plastic materials. E. S. Long. 2,452,382, Oct. 26.
Apparatus for printing and drying of textile fabrics. W. F. Uhlig. 2,452,339, Oct. 26.
Apparatus for radio tuning, volume control, wave band selection, and other purposes. F. H. Owens. 2,452,067, Oct. 26.
Apparatus for simulating wind effects in aviation ground trainers. C. J. Crane. 2,452,039, Oct. 26.
Apparatus for treating flowable solids. J. L. Erisman. 2,452,362, Oct. 26.
Applicator. R. H. Van Sant. 2,452,273, Oct. 26.
Arresting gear. F. E. Flader. 2,452,447, Oct. 26.
Ash receptacle and draft controlling door for domestic water heaters, stoves, and the like, Combined. D. G. Burkert. 2,452,180, Oct. 26.
Assembly for firearms, Sub-caliber. V. H. Wallenberg. 2,452,510, Oct. 26.
Attachment for stock tanks used in pulp and paper mills, Stock agitating and circulating. J. Stadler. 2,452,399, Oct. 26.
Attachment for violin bows, Grip. L. Shopmaker. 2,452,396, Oct. 26.
Automobile radio remote control. E. F. McDonald, Jr. 2,452,384, Oct. 26.
Axle and fifth wheel assembly for farm wagons. Fred Joe and F. J. De Long. 2,452,358, Oct. 26.
Balanced wave filter. F. S. Farkas. 2,452,114, Oct. 26.
Bearing: *See*—
  Self-aligning bearing.
  Sliding antifriction bearing.
Bed heater. J. C. Gerdes. 2,452,234, Oct. 26.
Bed trailer, Elevatable. A. G. Schramm. 2,452,267, Oct. 26.
Belt, Sanitary garter. I. Kaldor. 2,452,129, Oct. 26.
Billfold and card retainer, Combined. M. F. Bertalotto. 2,452,096, Oct. 26.
Binder for sewing machines, Strip reversing. J. E. Ackerman. 2,452,419, Oct. 26.
Blackboard. L. J. Gold. 2,452,235, Oct. 26.
Block: *See*—
  Building block.
Body tipping apparatus for motor vehicles. P. A. Brick. 2,452,516, Oct. 26.
Bolt puller. G. W. Gray and C. B. Wade. 2,452,457, Oct. 26.
Book support for chairs, Detachable. W. T. Clawson. 2,452,183, Oct. 26.
Bowling score indicator. T. R. Blando. 2,452,288, Oct. 26.
Box: *See*—
  Rotary lock box.
Bracket: *See*—
  Concrete form waler bracket.
Braiding machine carrier. A. T. Lochner. 2,452,250, Oct. 26.
Braiding machine for endless belts or the like. J. M. Martí. 2,452,136, Oct. 26.
Brake control, Tractor trailer. F. G. Born. 2,452,033, Oct. 26.
Brake linings, Injection of. C. H. Beare. 2,452,284, Oct. 26.
Brassière. C. Anselmo. 2,452,345, Oct. 26.
Bridge ramp. N. M. Bryson. 2,452,289, Oct. 26.
Bromination. J. Ross. 2,452,154, Oct. 26.
Building block. D. H. Herbert. 2,452,463, Oct. 26.
Bullet, Explosive. S. A. Schatz. 2,452,072, Oct. 26.
Burial dress support. G. T. Brownson. 2,452,353, Oct. 26.
Burner: *See*—
  Weed burner.
Burning-in knife, Electric. F. D. Pabis. 2,452,259, Oct. 26.
Button, Plastic. W. A. Zwiebel. 2,452,173, Oct. 26.
Cabinet: *See*—
  Filing cabinet.
Cabinet having automatically shiftable mirror. J. H. Hirshbergh. 2,452,375, Oct. 26.
Cable reel. C. J. Hudson. 2,452,378, Oct. 26.
Cable tensiometer. H. Hitchen. 2,452,302, Oct. 26.
Calcium aluminate sinter, Making. K. L. Elmore. 2,452,041, Oct. 26.
Cam mechanism. J. R. Harkness. 2,452,372, Oct. 26.
Can body. B. F. Saubestre. 2,452,071, Oct. 26.
Cap: *See*—
  Chimney cap.
Card file and posting table, Revolving. J. D. Catron. 2,452,291, Oct. 26.
Carrier: *See*—
  Braiding machine carrier.
Cart, Logging. A. Z. Thompson. 2,452,338, Oct. 26.
Catalytic cracking of hydrocarbon oils. H. B. Willard. 2,452,172, Oct. 26.
Cathead, Automatic. O. M. Gahagan. 2,452,451, Oct. 26.
Cathode, High emission. B. Fox. 2,452,044, Oct. 26.
Cellulose ether plasticized with bis(allyl) lactate) maleate. C. E. Rehberg and C. H. Fisher. 2,452,209, Oct. 26.
Centrifugal separator. B. S. Hughes. 2,452,465, Oct. 26.
Chain: *See*—
  Cutter chain.
  Pintle chain.
Chain and lock mechanism. B. D. Robins. 2,452,151, Oct. 26.
Chair: *See*—
  Adjustable chair.
Chaise longue. W. W. Vincent, Jr. 2,452,405, Oct. 26.
Chemical conversion of salt containing solutions. A. L. Bunting. 2,452,179, Oct. 26.
Chimney cap. J. A. Hurt. 2,452,240, Oct. 26.
Churn. W. Rivers. 2,452,492, Oct. 26.
Circuit: *See*—
  Electrical ratio meter circuit.
  Low direct current regulating circuit.
  Receiver muting circuit.
  Telephone circuit.
Circuit arrangement, Amplifying. G. J. Siezen. 2,452,499, Oct. 26.
Circuit arrangement for the amplification, frequency-transformation or production of ultra high frequency oscillations. M. J. O. Strutt and A. van der Ziel. 2,452,337, Oct. 26.
Circuit arrangement, Radio receiver. J. van der Heem. 2,452,340, Oct. 26.
Circuit breaker, Automatic reclosing. A. W. Edwards. 2,452,442, Oct. 26.
Circuit breaker, Fluid blast arc extinguishing. A. E. Brock. 2,452,221, Oct. 26.
Circuit interrupter. W. M. Leeds. 2,452,476–7, Oct. 26.
Clamp: *See*—
  Dial test indicator clamp.
  Form-securing clamp.
  Hose clamp.
  Two-part, screw-connected clamp.
Clamp structure, Saddle. O. L. Fluharty. 2,452,186, Oct. 26.
Cleaner: *See*—
  Venetian blind cleaner.
Cleaning device, Drain trap. W. C. Gangloff. 2,452,367, Oct. 26.
Clip: *See*—
  Paper clip.
Clothesline device. S. Kronhaus. 2,452,246, Oct. 26.
Clutch: *See*—
  Speed responsive clutch.
Coding apparatus. L. E. Wood. 2,452,090, Oct. 26.
Coil cables having reversingly coiled portions, Production of vulcanizable elastic. R. D. Collins and W. J. Drigot. 2,452,431, Oct. 26.
Coil cables with a longitudinal end, Method and apparatus for making elastic. R. D. Collins. 2,452,433, Oct. 26.
Coil structures with longitudinal ends, Apparatus for making elastic. W. J. Crehan and R. J. Arnold. 2,452,434, Oct. 26.
Coil structures with uncoiled ends, Making elastic. R. D. Collins. 2,452,432, Oct. 26.

Coils with connecting tails, Apparatus for producing elastic. R. J. Arnold, W. D. MacDonald, and R. D. Collins. 2,452,435, Oct. 26.
Color comparison apparatus. F. G. Merckel. 2,452,385, Oct. 26.
Combined illuminating and radiating type heater. J. J. Rogers. 2,452,210, Oct. 26.
Compressor. W. V. Fischer. 2,452,232, Oct. 26.
Concentrating and refining formaldehyde solutions by distillation with hydrocarbon derivatives containing nitrogen and oxygen. S. Y. Wong. 2,452,415, Oct. 26.
Concentrating and refining formaldehyde solutions by distillation with halogenated hydrocarbons. S. Y. Wong. 2,452,413, Oct. 26.
Concentrating and refining formaldehyde solutions by distillation with hydrocarbons. S. Y. Wong. 2,452,412, Oct. 26.
Concentrating and refining formaldehyde solutions by distillation with oxygenated hydrocarbon derivatives. S. Y. Wong. 2,452,414, Oct. 26.
Concrete expansion joint. J. N. Heltzel. 2,452,462, Oct. 26.
Concrete form waler bracket. V. J. Luppino. 2,452,203, Oct. 26.
Condenser. W. F. Bokum. 2,452,427, Oct. 26.
Connecting device, Piston rod. E. P. Larsh. 2,452,247, Oct. 26.
Connection device, Pull point. E. M. Rothen. 2,452,494, Oct. 26.
Connection, Governor-throttle. R. Reger. 2,452,393, Oct. 26.
Connector: *See*—
  Electrical connector.
  Swivel type coaxial connector.
Connector. D. E. Cole. 2,452,184, Oct. 26.
Contour of a wire drawing die, Working the die hole. W. Rybicki. 2,452,155, Oct. 26.
Control and ignition system for fuel burners, Safety. C. K. Strobel. 2,452,336, Oct. 26.
Control for motor-driven apparatus. J. M. Newman. 2,452,257, Oct. 26.
Control for prime movers, Governor. W. J. Whitehead. 2,452,088, Oct. 26.
Control mechanism for meat tendering apparatus, Switch. H. Stukart. 2,452,403, Oct. 26.
Control system. O. C. Frederick. 2,452,365, Oct. 26.
Control system, Elevator. G. Watson, W. H. Bruns, and H. E. Galanty. 2,452,342, Oct. 26.
Conversion apparatus, Frequency. W. W. Hansen and R. H. Varian. 2,452,048, Oct. 26.
Conversion apparatus, Hydraulic torque. D. L. Butow. 2,452,290, Oct. 26.
Conveyer bucket, Self-tipping. G. H. Johnson. 2,452,243, Oct. 26.
Cooling apparatus, temperature control. R. C. Russell. 2,452,264, Oct. 26.
Cosmetic device. R. E. Kruck. 2,452,131, Oct. 26.
Coupling: *See*—
  Flexible leakproof coupling.
  Quick disconnect coupling.
  Tube coupling.
  Tube fitting coupling.
Coupling device, Tube. G. V. Woodling. 2,452,278, Oct. 26.
Covering a scale for the handle of a pocket knife, Method and apparatus for. P. Richartz. 2,452,149, Oct. 26.
Crate for water bottles or acid carboys. C. E. Johnson. 2,452,195, Oct. 26.
Cutter chain. C. F. Osgood. 2,452,082, Oct. 26.
Cutter chain. F. E. Sullinger. 2,452,081, Oct. 26.
Cutting board with crumb tray, Bread. A. H. Ericsson. 2,452,445, Oct. 26.
Cylinder ridge reamer. H. A. Berkman. 2,452,095, Oct. 26.
Cylinder, Self-bleeding hydraulic. E. Gravenhorst and R. E. Vaughn. 2,452,369, Oct. 26.
Dehydrator. J. C. Lowe. 2,452,134, Oct. 26.
Dehydrogenating saturated nitriles to unsaturated nitriles. J. W. Teter. 2,452,505, Oct. 26.
Deposition of indium and bath therefor, Electrolytic. J. R. Dyer, Jr. 2,452,361, Oct. 26.
Designing solar houses, Method and apparatus for use in. W. A. Zentis. 2,452,417, Oct. 26.
Detector for railway car wheels, Defect. J. J. Mason. 2,452,480, Oct. 26.
Device for automatically inserting marking strips in piles of sheets. L. Namenyi-Katz. 2,452,138, Oct. 26.
Device for facilitating stoker installations. R. F. Graham. 2,452,454, Oct. 26.
Device for the joining of tubes. K. L. Bergvall and E. E. Dahlberg. 2,452,219, Oct. 26.
Dial test indicator clamp. M. E. Hester. 2,452,301, Oct. 26.
Diamond tool and making the same. G. W. Lucas. 2,452,478, Oct. 26.
Die holder. J. R. Pasdertz. 2,452,141, Oct. 26.
Digger, Beet. R. C. Zuckerman. 2,452,418, Oct. 26.
Dimethyl silicone products, Making. J. G. E. Wright. 2,452,416, Oct. 26.
Dipole, Folded. G. W. Schivley and P. W. Springer. 2,452,073, Oct. 26.
Discharge apparatus, Electron. R. W. Sears. 2,452,157, Oct. 26.
Discharge device, Electric. P. L. Spencer. 2,452,077, Oct. 26.
Discharge device, Electrical. E. N. Kather. 2,452,056, Oct. 26.
Discharge device employing cavity resonators, Electron. L. S. Nergaard. 2,452,317, Oct. 26.
Discharge device of the magnetron type, Electron. H. G. Anderson. 2,452,032, Oct. 26.
Discharge device, Thermally tunable electron. P. L. Spencer. 2,452,078, Oct. 26.
Discharge device utilizing cavity resonators, Electron. L. S. Nergaard. 2,452,318, Oct. 26.
Disk, Detonator. H. Liber and D. R. Beeman. 2,450,063, Oct. 26.
Dispenser: *See*—
  Tape dispenser.
Distributing device. J. P. Johnson. 2,452,470, Oct. 26.
Distributor apparatus, Radio-frequency. N. E. Lindenblad. 2,452,202, Oct. 26.
Door latch. A. J. Harris. 2,452,461, Oct. 26.
Door operating mechanism for powder hoists. G. A. Chadwick and P. H. Girouard. 2,452,035, Oct. 26.
Drafting table. G. W. Yarber. 2,452,216, Oct. 26.
Drier for granular plastic. R. R. Leiske. 2,452,249, Oct. 26.
Drill rod rack. O. Wiegel. 2,452,410, Oct. 26.
Drop-testing device. J. R. Tomlin. 2,452,084, Oct. 26.
Dyes, Metallizable monoazo. F. Straub, W. Widmer, and H. Schneider. 2,452,171, Oct. 26.
Dyestuffs, Disazo. R. Ruegg. 2,452,263, Oct. 26.
Egg carton. W. J. Roberts. 2,452,150, Oct. 26.
Electric switch. D. E. Moran and S. F. Jarvis. 2,452,065, Oct. 26.
Electrical connector. C. L. Basham. 2,452,422, Oct. 26.
Electrical discharge tube. J. D. Le Van. 2,452,062, Oct. 26.
Electrical ratio meter circuit. K. J. Knudsen. 2,452,244, Oct. 26.
Electrical swing joint. D. M. Phillips. 2,452,144, Oct. 26.
Electromagnetic system. A. V. Nichol. 2,452,388, Oct. 26.
Electron discharge devices, Regeneration of. J. Stivin. 2,452,401, Oct. 26.
Electronic high-voltage regulator. G. W. Cook. 2,452,037, Oct. 26.
Ellipsograph. K. B. Noble. 2,452,484, Oct. 26.
Endgate for railway cars, Drop. J. S. Swann. 2,452,163, Oct. 26.
Ethers of vitamin A. N. A. Milas. 2,452,386, Oct. 26.
Fabric: *See*—
  Pile fabric.
Fan having auxiliary cutoff. T. A. Walters. 2,452,274, Oct. 26.
Fastener. W. Shippee. 2,452,331, Oct. 26.
Fastener. W. and C. C. Shippee. 2,452,330, Oct. 26.
Fastening device. E. C. Crowther. 2,452,437, Oct. 26.
Faucet. G. S. Elliott. 2,452,295, Oct. 26.
Faucet valve element. E. H. Bucknell and R. E. Bletcher. 2,452,354, Oct. 26.
Filing cabint. R. E. Wells. 2,452,512, Oct. 26.
Film developing apparatus, Self-contained portable. N. W. O'Clair. 2,452,389, Oct. 26.
Filter: *See*—
  Balanced wave filter.
Filter. J. P. O'Meara. 2,452,486, Oct. 26.
Filter. E. C. Walker. 2,452,407, Oct. 26.
Fire escape. F. E. Rose. 2,452,324, Oct. 26.
Fire extinguisher, Portable. H. C. Leech and T. A. Henshaw. 2,452,309, Oct. 26.
Fire extinguishing method. W. A. Beach. 2,452,348, Oct. 26.
Fire extinguishing waste paper receptacle. D. A. Florence. 2,452,118, Oct. 26.
Fire-retardant composition, Amylaceous. G. Jones, W. Juda, and S. Soll. 2,452,055, Oct. 26.
Fire-retardant composition and process. G. Jones, W. Juda, and S. Soll. 2,452,054, Oct. 26.
Fitting for tanks, Inlet. E. E. Rigby. 2,452,394, Oct. 26.
Fitting, Grounding. J. R. Petree. 2,452,491, Oct. 26.
Flanged joint. H. P. Dahlstrand. 2,452,227, Oct. 26.
Flexible hose, Construction of. C. M. Hamblin. 2,452,047, Oct. 26.
Flexible leakproof coupling. J. W. Kehoe. 2,452,057, Oct. 26.
Float position indicator. D. S. Schover. 2,452,156, Oct. 26.
Floating mine. M. L. Ilfeld. 2,452,053, Oct. 26.
Flowerpot holder. H. Herzog. 2,452,236, Oct. 26.
Fluid handling mechanism. J. Muller. 2,452,256, Oct. 26.
Fluid pressure operated curb sirup separator. C. A. Olcott. 2,452,207, Oct. 26.
Fluid pump. T. Elleman and K. M. Cloud. 2,452,185, Oct. 26.
Fluid seal for inserts. J. Rosan. 2,452,262, Oct. 26.
Folder. G. N. Doble, Jr. 2,452,231, Oct. 26.
Folding picnic table. R. Wells. 2,452,169, Oct. 26.
Food preparations. S. M. L. Tritton. 2,452,506, Oct. 26.
Foot section for articulated beds, Patient adjustable. R. R. Freund. 2,452,366, Oct. 26.
Forming and changing the cross section of convoluted metal tubing. D. Ingalls and J. H. Petersen. 2,452,125, Oct. 26.
Form-securing clamp. R. F. Rosser. 2,452,325, Oct. 26.
Fountain, Drinking. E. B. Johnson. 2,452,305, Oct. 26.

Fuels, Motor. W. A. Partridge and H. J. Alty. 2,452,489, Oct. 26.
Fungicidal compositions. P. J. Carlisle and W. S. Hinegardner. 2,452,429, Oct. 26.
Game. D. Wasserman. 2,452,341, Oct. 26.
Garage door operation. A. J. Swanson and J. R. Gardner. 2,452,501, Oct. 26.
Garment hanger. J. F. Appleman. 2,452,346, Oct. 26.
Garment hanger. G. S. Wilson. 2,452,513, Oct. 26.
Gas diffusion device for storage batteries. H. P. Murphy. 2,452,066, Oct. 26.
Gas sampling apparatus. J. D. Collett, Jr. 2,452,224, Oct. 26.
Gear: *See*—
  Arresting gear.
Gear shaving machine. L. W. Falk, W. P. Schmitter, and G. P. Maurer. 2,452,520, Oct. 26.
Generator: *See*—
  Torsional oscillation generator.
Geophysical explorations, Making. L. F. Athy. 2,452,515, Oct. 26.
Glass handling device. W. A. Philbin. 2,452,392, Oct. 26.
Governor, Velocity. R. Reger. 2,452,208, Oct. 26.
Grade builder blade mounting. H. H. Washbond. 2,452,408, Oct. 26.
Grapple. W. R. Girnus. 2,452,452, Oct. 26.
Grid for Geiger-Mueller tubes, Protective. H. Metten. 2,452,524, Oct. 26.
Grid structure. W. B. Reed. 2,452,069, Oct. 26.
Grinding machines, Arrangement in. K. W. J. Hjelmblad. 2,452,123, Oct. 26.
Grinding wheel dresser. A. Smith. 2,452,398, Oct. 26.
Guide, Parking. H. B. Squires. 2,452,161, Oct. 26.
Gun mount. M. C. Spencer. 2,452,076, Oct. 26.
Gun, Soldering. F. Dunham. 2,452,360, Oct. 26.
Gyro, Two-axis rate. G. H. Stoner. 2,452,335, Oct. 26.
Gyroscopic flight instrument. S. Kellogg, 2nd. 2,452,473, Oct. 26.
Hair curler. T. C. Grant. 2,452,456, Oct. 26.
Hair curling device. P. T. Coloccia. 2,452,225, Oct. 26.
Hairpin holder. A. K. Stevens. 2,452,400, Oct. 26.
Hamburger apportioning, forming, and wrapping machine. K. E. Bemis. 2,452,218, Oct. 26.
Hand tool assembly, Motor. R. Schumann. 2,452,268, Oct. 26.
Handle assembly, Pessary and manipulating. G. L. De Bray and A. Morgan. 2,452,229, Oct. 26.
Hanger: *See*—
  Garment hanger.
Hanger. H. D. Gorne. 2,452,120, Oct. 26.
Head for golf clubs. N. S. Campbell. 2,452,100, Oct. 26.
Headrest. J. A. and R. J. Conradt. 2,452,103, Oct. 26.
Heat exchanger. F. J. O'Sullivan and W. B. du Pont. 2,452,391, Oct. 26.
Heat responsive switch. A. Warsher. 2,452,511, Oct. 26.
Heater: *See*—
  Bed heater.
  Combined illuminating and radiating type heater.
Heater for cooking containers, Combustion tube. R. T. Keating. 2,452,472, Oct. 26.
Heater for water tanks and the like, Clamp-on electric. O. G. Vogel and F. E. Kirk. 2,452,214, Oct. 26.
Heating apparatus. D. D. Peebles. 2,452,260, Oct. 26.
Heating coil, Induction. R. J. Stanton and C. Lowry. 2,452,162, Oct. 26.
Heating system, Stoker controlled. O. R. Schwantes. 2,452,329, Oct. 26.
Heteropolymer of isopropenyl acetate and maleic anhydride. C. C. Unruh and W. O. Kenyon. 2,452,165, Oct. 26.
High dielectric material. E. Wainer. 2,452,532, Oct. 26.
Hinge for refrigerator cars, Drip pan. E. S. Cisco. 2,452,101, Oct. 26.
Holder for evaporators, Wick. M. Bell. 2,452,424, Oct. 26.
Holder for fishing poles. C. W. Young. 2,452,279, Oct. 26.
Holder for sheet material. E. C. Blaske. 2,452,426, Oct. 26.
Holder: *See*—
  Die holder.
  Flowerpot holder.
  Hairpin holder.
  Welding electrode holder.
Holder of quartz oscillator plates, Multiple. H. L. Bloxom and E. M. Shideler. 2,452,351, Oct. 26.
Holding device. G. F. Felton. 2,452,116, Oct. 26.
Hook: *See*—
  Rotary hook.
Hose clamp. A. A. Kollman. 2,452,245, Oct. 26.
Hub structure. C. J. Hahn. 2,452,458, Oct. 26.
Hydraulic jack. J. J. Mueller. 2,452,482, Oct. 26.
Hydrolyzable titanium solutions, Preparation of. C. M. Olson. 2,452,390, Oct. 26.
Identification tags to seals, Securing. E. Brooks. 2,452,098, Oct. 26.
Incendiary material. D. L. Woodberry, W. W. Howerton, and A. Dunbar. 2,452,091, Oct. 26.
Incinerator, Household. H. B. Bornside. 2,452,097, Oct. 26.
Indicating device for welding systems, Ignition. H. Klemperer. 2,452,060, Oct. 26.
Indicating device, Vehicle speed. P. Addorisio. 2,452,344, Oct. 26.
Indicator: *See*—
  Bowling score indicator.
  Float position indicator.
  Pressure indicator.
Inductance, Continuously variable. C. E. Payne. 2,452,490, Oct. 26.
Induction furnace for variable heat patterns. T. R. Kennedy. 2,452,197, Oct. 26.
Inflation of pneumatic tires for vehicle wheels, Apparatus for effecting and controlling. L. H. Peter. 2,452,527, Oct. 26.
Insert for changing the compression ratio of internal-combustion engines. R. Hollingsworth. 2,452,238, Oct. 26.
Instrument lighting. J. B. Dickson. 2,452,294, Oct. 26.
Interchange of electrical and acoustical energy, The. E. E. Turner, Jr. 2,452,085, Oct. 26.
Jack: *See*—
  Hydraulic jack.
  Pump jack.
Joint: *See*—
  Concrete expansion joint.
  Electrical swing joint.
  Flanged joint.
Key control, Musical. J. A. Koehl. 2,452,307, Oct. 26.
Keyhole saw, Adjustable. C. L. Rhodes. 2,452,148, Oct. 26.
Knee joint for prostheses. O. I. Fahlström. 2,452,446, Oct. 26.
Knee structure for artificial legs. J. E. Hanger, III. 2,452,459, Oct. 26.
Ladder attachment. T. E. Graham. 2,452,455, Oct. 26.
Laminated product and manufacture. C. N. Cone. 2,452,226, Oct. 26.
Lamp: *See*—
  Nonactinic fluorescent lamp.
Landing gear fairing, Retractable. E. L. Martin. 2,452,251, Oct. 26.
Latch: *See*—
  Door latch.
  Window latch.
Light: *See*—
  Multipurpose light.
Lighting fixture, Fluorescent. M. Murino. 2,452,137, Oct. 26.
Line securing device. S. L. Atkins. 2,452,175, Oct. 26.
Line tightener. C. Gobel. 2,452,368, Oct. 26.
Liquid polymeric dimethyl silicones. R. R. McGregor and E. Leathen. 2,452,254, Oct. 26.
Liquids, Sterilizing. S. O. Levinson and F. Oppenheimer. 2,452,201, Oct. 26.
Lock nut. R. T. Hosking. 2,452,192, Oct. 26.
Locking device for truck and trailer doors. W. A. Johnson and E. E. Moore. 2,452,521, Oct. 26.
Locking means for rotary actuating bars of door fasteners. G. E. Dath. 2,452,109, Oct. 26.
Low direct current voltage regulating circuit. H. J. Lindenhovius. 2,452,381, Oct. 26.
Lubricating compositions, Oxidation-inhibited. H. D. Kluge and J. A. Patterson. 2,452,320, Oct. 26.
Lubricating compositions, Rust and oxidation inhibited. J. A. Patterson and H. D. Kluge. 2,452,319, Oct. 26.
Lubrication failure detector switch. W. J. Kasparek. 2,452,379, Oct. 26.
Luminescent screen. H. W. Leverenz. 2,452,523, Oct. 26.
Machine for continuous pressing operations, Rotary pressing. A. Newhouse. 2,452,483, Oct. 26.
Machine for feeding, bending, and flattening tubing, Combined. J. R. Hayward, J. A. Schild, and W. O. Hartup. 2,452,050, Oct. 26.
Machine for mechanically working materials. A. H. Rosenthal. 2,452,211, Oct. 26.
Magnet core. J. L. Snoek. 2,452,529, Oct. 26.
Magnetic core. J. L. Snoek. 2,452,530, Oct. 26.
Magnetic material and magnetic core, Manufacturing. J. L. Snoek. 2,452,531, Oct. 26.
Magnetic separator. W. L. Bower. 2,452,220, Oct. 26.
Magnetron. J. W. Tiley. 2,452,272, Oct. 26.
Master sheets in typewriting and like machines, Producing reduplicative. C. W. Brumhill. 2,452,099, Oct. 26.
Measuring implement. F. H. Jantzen. 2,452,241, Oct. 26.
Mechanism for document photographing machines, Control and indexing. F. J. Schutt. 2,452,497, Oct. 26.
Mercaptans, Solvent extraction of. H. E. Drennan. 2,452,040, Oct. 26.
Metal for metal-to-glass seals, Preparing. C. Daley. 2,452,519, Oct. 26.
Methylenedioxyphenyl compound as insecticide and pyrethrin synergist. O. F. Hedenburg. 2,452,188, Oct. 26.
Mill roll, Rolling. F. M. Scharff. 2,452,266, Oct. 26.
Mine apparatus, Electrical. A. L. Lee. 2,452,248, Oct. 26.
Modulator, Diode. E. H. Lange. 2,452,132, Oct. 26.
Mop holder with dual tape tensioning structure. G. E. Bodimer 2,452,177, Oct. 26.
Mortar applying device. J. H. Herman, Jr. 2,452,464, Oct. 26.
Motor control apparatus, Electric. D. L. Markusen. 2,452,311, Oct. 26.

Motor speed synchronizing balancing device, Multiple. R. L. Mayrath. 2,452,064, Oct. 26.
Mount for warehouse trucks, Hydraulic reel. J. H. Morehead and H. D. Schmidt. 2,452,481, Oct. 26.
Mount, Light modulator. J. L. Pettus. 2,452,322, Oct. 26.
Mounting: *See*—
  Gradebuilder blade mounting.
  Telescope sight mounting.
Mounting for inverted incandescent mantles. C. W. Davis. 2,452,438, Oct. 26.
Multipurpose light. R. T. Sand. 2,452,327, Oct. 26.
Nail holding tool. P. Siptrott. 2,452,332, Oct. 26.
Needle, Phonograph. W. H. Hutter. 2,452,304, Oct. 26.
Nickel content of steel, Determining. F. B. Clardy. 2,452,036, Oct. 26.
Nitriles, Synthesis of. W. F. Gresham. 2,452,187, Oct. 26.
Nonactinic fluorescent lamp. L. Burns. 2,452,518, Oct. 26.
Olefins, Polymerization of. S. J. Hetzel and R. M. Kennedy. 2,452,190, Oct. 26.
Olefins, Polymerization of. R. M. Kennedy and S. J. Hetzel. 2,452,198, Oct. 26.
1-cyanobutadiene-1,3 from acetic acid by azeotropic distillation, Separation of. V. L. Hansley. 2,452,460, Oct. 26.
Optical device, Novelty. F. E. Flotron. 2,452,363, Oct. 26.
Organic-polysulfide rubbery material with carbon black, Reinforcing. T. A. Te Grotenhuis. 2,452,083, Oct. 26.
Package and filling device for batteries or hollow bodies, Combined. V. D. Hauck. 2,452,049, Oct. 26.
Packaging. F. B. Arnold. 2,452,174, Oct. 26.
Packing machine, Bottle. K. B. Holstebroe and L. Wimmer. 2,452,376, Oct. 26.
Pallet of the load-supporting type, with casters. B. C. Colt, Jr. 2,452,356, Oct. 26.
Paper clip. L. W. S. Zychlinski. 2,452,514, Oct. 26.
Paper-making fiber and other useful materials from straw, Preparation of. S. D. Wells. 2,452,533, Oct. 26.
Paper pulp machine. J. C. Lowe. 2,452,135, Oct. 26.
Parachute shroud and making it, Elastic. R. T. Dawes and F. Taylor. 2,452,228, Oct. 26.
Paraffinic hydrocarbons, Controlled oxidation of. F. F. Rust and W. E. Vaughan. 2,452,326, Oct. 26.
Patch, Tension. P. H. Kemmer and E. R. Weaver. 2,452,058, Oct. 26.
Permanent fault isolator time delay switch. R. H. Gerard and R. M. Smith. 2,452,233, Oct. 26.
Peroxide-glycerol explosive. E. S. Shanley and H. O. Kauffmann. 2,452,074, Oct. 26.
Phenol-aldehyde molding compositions. J. Allan. 2,452,420, Oct. 26.
Phenols or salts thereof, Manufacture of. D. Tyrer. 2,452,404, Oct. 26.
Phonographic apparatus. R. G. Leitner and W. K. Rieber. 2,452,133, Oct. 26.
Pickup device, Sound. R. E. Peterson. 2,452,068, Oct. 26.
Pile fabric. D. M. Cooper. 2,452,104, Oct. 26.
Pintle chain. C. K. Johnson. 2,452,242, Oct. 26.
Pipe: *See*—
  Smoking pipe.
Piston engine compressed air accumulator, variable volume, Free. R. Huber. 2,452,193, Oct. 26.
Piston machine, Free. R. Huber. 2,452,194, Oct. 26.
Piston ring. R. R. Teetor. 2,452,503, Oct. 26.
Plastic containers, Manufacture of. F. V. Collins. 2,452,357, Oct. 26.
Plating palladium and plating bath therefor. G. C. Lambros. 2,452,308, Oct. 26.
Plow, Vineyard. W. L. Shimmon. 2,452,212, Oct. 26.
Plowshare. E. R. Mossak. 2,452,387, Oct. 26.
Polyvinyl formal coatings on textiles, Forming. J. H. Rooney, J. H. Sharphouse, and P. R. Hawtin. 2,452,152, Oct. 26.
Porous material, Treatment of. H. M. Kvalnes and F. S. Chance. 2,452,200, Oct. 26.
Posting apparatus, Record. C. W. Kinzer. 2,452,059, Oct. 26.
Power actuated garment and like presses. C. E. Feasey. 2,452,115, Oct. 26.
Power belt retaining device. F. D. Jones and L. G. Cheatum. 2,452,306, Oct. 26.
Pressure control, Resistance welding forging. L. D. Runkle. 2,452,070, Oct. 26.
Pressure indicator. W. V. Eslinger and W. N. Barton. 2,452,296, Oct. 26.
Pressure intensifier. W. P. Cousino. 2,452,292, Oct. 26.
Pressure switch. N. J. Smith. 2,462,500, Oct. 26.
Producing optical elements from commercial plate glass, Method and apparatus for. I. G. Fowler and D. W. Dunipace. 2,452,364, Oct. 26.
Projectile, Explosive. D. G. Stine. 2,452,269, Oct. 26.
Prolamine-base protein composition, Plasticized. W. L. Morgan and C. R. Faelten. 2,452,313, Oct. 26.
Prolamine-base protein compositions, Plasticized. W. L. Morgan. 2,452,314, Oct. 26.
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Propulsion means, Aircraft. C. H. Zimmerman. 2,452,281, Oct. 26.
Protector: *See*—
  Scalp protector.
Puller: *See*—
  Bolt puller.
Pump: *See*—
  Fluid pump.
  Reciprocating abutment fluid pump.
  Rotary vane pump.
  Slidable abutment rotary pump.
Pump jack. R. W. Wagner. 2,452,087, Oct. 26.
Pump packing means. J. H. Roberts. 2,452,261, Oct. 26.
Pumping unit, Vacuum return. C. F. Ames. 2,452,421, Oct. 26.
Purification of hard waxes by removal of soft fatty components. R. T. Balch. 2,452,093, Oct. 26.
Quick disconnect coupling. D. M. Clark and G. A. Hallenbeck. 2,452,430, Oct. 26.
Rack: *See*—
  Drill rod rack.
Radio antenna. G. H. Cotchefer. 2,452,106, Oct. 26.
Radio compass trainer control, Photoelectric. C. J. Crane. 2,452,038, Oct. 26.
Raincoat or cape, Convertible. M. J. Kraft and M. Durey. 2,452,475, Oct. 26.
Ramp, Bridge. N. M. Bryson. 2,452,222, Oct. 26.
Receiver muting circuit. M. G. Crosby. 2,452,436, Oct. 26.
Receptacle: *See*—
  Fire extinguishing waste paper receptacle.
Reciprocating abutment fluid pump. J. P. Johnson. 2,452,468, Oct. 26.
Recorder system, Job time. A. L. Denniston and S. H. Martin. 2,452,359, Oct. 26.
Reel: *See*—
  Cable reel.
Refrigerant container construction for railway refrigerator cars. A. L. Thompson. 2,452,164, Oct. 26.
Refrigerating system defrosted by hot liquid refrigerants. J. B. Cocanour. 2,452,102, Oct. 26.
Registering flat bed color printing elements with their fixed registry elements. E. L. Harley. 2,452,373, Oct. 26.
Regulator: *See*—
  Electronic high-voltage regulator.
  Vehicle window regulator.
Relay. L. J. Stacy. 2,452,079, Oct. 26.
Relay system. R. E. Hersey. 2,452,051, Oct. 26.
Resins and method for their production, Anacardic-acrolein. M. T. Harvey. 2,452,374, Oct. 26.
Resins for weld coatings, Silicone. E. C. Rollason and E. H. S. van Someren. 2,452,493, Oct. 26.
Responsive device, Selectively. F. H. Hibbard. 2,452,052, Oct. 26.
Reversing mechanism for looms. C. R. Kronoff and V. F. Sepavich. 2,452,380, Oct. 26.
Ring: *See*—
  Piston ring.
  Spinning ring.
Roadbeds, Stabilizing. W. J. Kelley. 2,452,196, Oct. 26.
Rotary abrading device. W. W. Wickman. 2,452,409, Oct. 26.
Rotary hook. G. R. Wainwright. 2,452,167, Oct. 26.
Rotary lock box. P. A. Derham. 2,452,230, Oct. 26.
Rotary vane pump. G. A. Jones. 2,452,471, Oct. 26.
Rubber-like product and preparation. W. C. Ault and B. B. Schaeffer. 2,452,092, Oct. 26.
Rudder assembly. T. Sprague, IV. 2,452,334, Oct. 26.
Rust preventive composition. H. D. Kluge and J. A. Patterson. 2,452,321, Oct. 26.
Safety wheels for use on automobiles and trucks, Auxiliary. G. J. Dourte. 2,452,110, Oct. 26.
Sampling system, Fluid. J. A. Pellettere. 2,452,143, Oct. 26.
Sanding machine. H. S. Newton. 2,452,205–6, Oct. 26.
Sanitary napkin holding means. E. Carpenter. 2,452,181, Oct. 26.
Scaffolding and like structures. E. O'Sullivan. 2,452,487, Oct. 26.
Scale, Hydraulic. V. J. and F. G. Huston. 2,452,124, Oct. 26.
Scalp protector. R. A. Satrian. 2,452,265, Oct. 26.
Screen: *See*—
  Luminescent screen.
Screen and developing light, Luminescent. H. W. Leverenz. 2,452,522, Oct. 26.
Seal. J. P. Johnson. 2,452,469, Oct. 26.
Sealer. F. N. Irwin, Jr. 2,452,126, Oct. 26.
Sealing and carrying device. W. Obernauer. 2,452,485, Oct. 26.
Sealing device, Floating. D. F. McGill. 2,452,253, Oct. 26.
Sealing tip for well casings. R. Jaswell. 2,452,466, Oct. 26.
Seam opening device. R. H. McMurray. 2,452,312, Oct. 26.
Seam welding. F. J. Schwartz. 2,452,498, Oct. 26.
Seat attachment for barbers' chairs, Child's. A. N. Masabny. 2,452,252, Oct. 26.
Seat structure for tractors, Shock absorbing. V. Zahller. 2,452,280, Oct. 26.
Self-aligning bearing. J. H. Booth. 2,452,352, Oct. 26.

Separator: *See*—
  Centrifugal separator.
  Fluid pressure operated curb sirup separator.
  Magnetic separator.
Serving tool. H. L. Kitselman. 2,452,474, Oct. 26.
Setting machine, Hot cap. P. A. Bezzerides. 2,452,287, Oct. 26.
Sharpener, Razor blade. G. E. Bergman. 2,452,094, Oct. 26.
Shear. F. E. Munschauer and J. P. Wadleck. 2,452,525, Oct. 26.
Shiftable bed rail table. R. L. Smith. 2,452,160, Oct. 26.
Shock absorber, Handle bar. J. P. Guttormsen. 2,452,371, Oct. 26.
Shock absorbing mechanism, Friction. G. E. Dath. 2,452,108, Oct. 26.
Shock absorbing system for vehicles. J. M. Cosentino. 2,452,105, Oct. 26.
Shoe construction. J. P. Tarbox. 2,452,502, Oct. 26.
Shoe form. P. W. Sendleben. 2,452,158, Oct. 26.
Shoe stretching mechanism, Positive and lock lateral. F. De Curtis. 2,452,440, Oct. 26.
Signal device, Electrical drop. W. H. Campbell. 2,452,034, Oct. 26.
Signal trainer. R. K. Forsyth. 2,452,449, Oct. 26.
Slidable abutment rotary pump. J. P. Johnson. 2,452,467, Oct. 26.
Sliding antifriction bearing. H. K. Ferger. 2,452,117, Oct. 26.
Smoking pipe. J. C. Shotton. 2,452,397, Oct. 26.
Snap-action fluorescent light switch. M. Turkat. 2,452,507, Oct. 26.
Snap action thermal limit switch. H. Ulanet. 2,452,508, Oct. 26.
Sound producer and receiver. E. E. Turner, Jr. 2,452,086, Oct. 26.
Spacing table. L. C. Beatty. 2,452,285, Oct. 26.
Spectacles with readily removable lenses. G. S. Small. 2,452,159, Oct. 26.
Speed differential detecting apparatus. C. M. Hines and C. D. Stewart. 2,452,191, Oct. 26.
Speed responsive clutch. F. O. Eaton. 2,452,111, Oct. 26.
Spinning high tenacity viscose rayon. G. M. A. Kayser. 2,452,130, Oct. 26.
Spinning ring. G. E. Platzer. 2,452,323, Oct. 26.
Splitting machine. C. E. Johnson. 2,452,128, Oct. 26.
Spool adapter for rope layers or stranding machines. M. McKosky. 2,452,255, Oct. 26.
Spool or bobbin. G. B. Markle, Jr. 2,452,383, Oct. 26.
Spring band. A. Benjamin. 2,452,286, Oct. 26.
Stand for flatirons, Supporting. H. C. Davis. 2,452,439, Oct. 26.
Starter. G. C. Goode. 2,452,298, Oct. 26.
Starter control system, Counterelectromotive force motor. K. D. James. 2,452,127, Oct. 26.
Starter, Explosion-proof. W. F. Eckert. 2,452,112, Oct. 26.
Starting and lighting device, Heater. J. G. Lindsay. 2,452,310, Oct. 26.
Step-up mechanism. E. H. Hughes. 2,452,030, Oct. 26.
Stoker provided with a metering control to determine fuel and air feed. R. F. Graham. 2,452,453, Oct. 26.
Stopping mechanism for textile apparatus. G. H. Cady and E. W. Adams. 2,452,223, Oct. 26.
Structure for high packing handled baskets with fruit, Method and packing. J. A. McCormick. 2,452,204, Oct. 26.
Sulfosuccinamic acid, Derivatives of. L. H. Flett. 2,452,043, Oct. 26.
Supercharger. A. G. Herreshoff and A. C. Staley. 2,452,300, Oct. 26.
Support: *See*—
  Adjustable support.
  Burial dress support.
Switch: *See*—
  Electric switch.
  Heat responsive switch.
  Lubrication failure detector switch.
  Permanent fault isolator time delay switch.
  Pressure switch.
  Snap-action fluorescent light switch.
  Snap action thermal light switch.
Switch. G. H. Berkholder. 2,452,425, Oct. 26.
Switch for high-frequency electrical oscillations. D. C. Espley. 2,452,113, Oct. 26.
Switch for screw feeders, Cutoff. C. J. Schelling. 2,452,395, Oct. 26.
Swivel type coaxial connector. D. Warren. 2,452,168, Oct. 26.
Synthetic hydrocarbons containing oxygenated compounds of hydrocarbons of high octane value, Conversion of. J. H. Grahame. 2,452,121, Oct. 26.
Tab reminder device. L. R. and J. H. Allen, and R. L. Kabitsch. 2,452,217, Oct. 26.
Table: *See*—
  Drafting table.
  Folding picnic table.
  Shiftable bed rail table.
  Spacing table.
Tank top. F. L. Plummer. 2,452,146, Oct. 26.
Tape dispenser. H. C. Gould. 2,452,299, Oct. 26.
Telephone circuit. H. M. Huge. 2,452,239, Oct. 26.
Telescope sight mounting. R. H. Pike. 2,452,145, Oct. 26.
Television system, Color. L. de Forest. 2,452,293, Oct. 26.
Temperature control system, Bearing. R. P. and J. R. Garrison. 2,452,046, Oct. 26.
Therapeutic device. C. H. Fredenburg. 2,452,450, Oct. 26.
Toilet, Ventilated. W. F. Auer. 2,452,282, Oct. 26.
Tool: *See*—
  Nail holding tool.
  Serving tool.
Tool for removing wire insulation. A. P. Bass. 2,452,423, Oct. 26.
Torch machine, Universal. R. F. Helmkamp. 2,452,189, Oct. 26.
Torque control for helicopters. J. N. Candler. 2,452,355, Oct. 26.
Torsional oscillation generator. R. B. Allnutt and R. T. McGoldrick. 2,452,031, Oct. 26.
Toy submarine. F. Sabini. 2,452,495, Oct. 26.
Trailer. C. C. Stuart. 2,452,270, Oct. 26.
Training mechanisms for firearms. F. W. Reinhold and J. J. Maciejowski. 2,452,147, Oct. 26.
Transmission system, Power. D. T. Brownlee. 2,452,178, Oct. 26.
Transmitter for self-synchronous systems. J. L. Everett. 2,452,042, Oct. 26.
Transmitter, Telegraphic code. J. A. Spencer, C. L. Kennedy, and L. A. Thomas. 2,452,333, Oct. 26.
Trimming apparatus. J. W. Stringe. 2,452,402, Oct. 26.
Trough, Watering. M. A. and F. Hoburg. 2,452,237, Oct. 26.
Truck, Hand. A. Nielsen. 2,452,258, Oct. 26.
Truck reflector. C. D. Ryder. 2,452,528, Oct. 26.
Tube: *See*—
  Electrical discharge tube.
  Velocity modulation electron discharge tube.
Tube coupling. G. V. Woodling. 2,452,277, Oct. 26.
Tube fitting coupling. G. V. Woodling. 2,452,275, Oct. 26.
Tube fitting device. G. V. Woodling. 2,452,276, Oct. 26.
Tube structure, Thermionic. N. B. Krim. 2,452,061, Oct. 26.
Turret tuner, Sequential. J. O. Elsea. 2,452,443, Oct. 26.
Two-part, screw-connected clamp. B. Volkery and J. Koslowski. 2,452,406, Oct. 26.
Undergarment. F. N. Mason. 2,452,479, Oct. 26.
Uranium deuteride, Preparing. A. S. Newton. 2,452,139, Oct. 26.
Utensil, Food cutting. K. Schatz. 2,452,328, Oct. 26.
Valve catcher. T. M. Ball. 2,452,283, Oct. 26.
Valve for insecticide sprays. S. T. Williams. 2,452,215, Oct. 26.
Valve having a capillary tube expansion passage, Regulator. J. E. Dube. 2,452,441, Oct. 26.
Valve stem drive, Flexible. C. W. Bryant. 2,452,428, Oct. 26.
Vehicle window regulator. B. S. Floraday. 2,452,448, Oct. 26.
Velocity modulation electron discharge tube. C. G. Smith. 2,452,075, Oct. 26.
Venetian blind cleaner. B. Cranney. 2,452,107, Oct. 26.
Vinylidene chloride polymer tubes and stretching the same, Continuously extruding. W. T. Stephenson. 2,452,080, Oct. 26.
Viscosity control. J. S. Pecker. 2,452,142, Oct. 26.
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Waste iron sulfate solution recovery. H. E. Broughton. 2,452,517, Oct. 26.
Wave generating system. C. G. Sontheimer. 2,452,213, Oct. 26.
Weed burner. H. E. Woolery. 2,452,411, Oct. 26.
Welding electrode holder. J. L. King. 2,452,199, Oct. 26.
Welding pressure roll assembly for electric weld tube mills, Multiple. C. J. Honen. 2,452,303, Oct. 26.
Wheel truing device. F. C. Victory and J. R. Moore. 2,452,509, Oct. 26.
Winch and the like. F. Gaye. 2,452,297, Oct. 26.
Window frame and sash. M. Garros. 2,452,119, Oct. 26.
Window latch. G. A. Houseman. 2,452,377, Oct. 26.
Windshield wiper blade operating mechanism. P. L. Schneider and D. H. Dudderar. 2,452,496, Oct. 26.
Work head, Universal. C. A. Wiken and E. A. Reibig. 2,452,089, Oct. 26.
Writing arm for collapsible chairs. W. T. Clawson. 2,452,182, Oct. 26.
Writing instrument. I. D. Tefft. 2,452,504, Oct. 26.
X-ray apparatus and method for crystal analysis. H. Friedman. 2,452,045, Oct. 26.
Yarn-advancing reel. A. E. Guenther. 2,452,370, Oct. 26.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 26, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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CLASSIFICATION OF DESIGNS

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U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE KINNEY ET AL.

No. 5477. Decided June 14, 1948

[— F.2d —; 78 USPQ 150]

1. WORDS AND PHRASES—MUTUALLY RECIPROCATING.
Held that the expression "mutually reciprocating," in the light of appellants' specification, must be construed to require a regular movement of the elements relatively to each other, and that it should not be so broadly construed as to cover two elements which are reciprocated at different rates of speed.

2. PATENTABILITY—HOMOGENIZER.
Certain claims to a homogenizer comprising spaced compressor elements and means for mutually reciprocating said elements *Held* patentable over the prior art.

APPEAL from the Patent Office. Serial No. 517,930.

REVERSED.

Murray, Sackhoff & Paddack and *Walter F. Murray* (*Walter S. Murray* of counsel) for Kinney et al.

W. W. Cochran (*J. Schimmel* of counsel) for the Commissioner of Patents.

HATFIELD, *J.:*

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claims 2, 3, 4, 18, and 19 in appellants' application for a patent for an invention relating to a homogenizer on the ground of lack of invention over prior art. Claims 7 to 11, inclusive, 13 to 17, inclusive, and 20 were allowed by the Primary Examiner.

Claims 2 and 18 are representative of the appealed claims. They read:

2. In an homogenizer the combination of a plurality of spaced compressor elements, means for forcing material between the elements, and means for mutually reciprocating said elements.

18. In an homogenizer the combination of an elastic body having opposed and continuous compressor elements disposed in spaced relationship, means for passing material between the elements, and reciprocating means for compressing and expanding the body.

The references relied on are: Oehninger (Swiss), 176,438, April 15, 1935; Williams, 2,170,178, August 22, 1939.

The homogenizer disclosed in appellants' application comprises a cylindrical casing having an inlet opening at one end and an outlet opening at the other. Within the casing, and arranged axially thereof, are two coil springs formed of flat strip material, the springs being located at opposite ends of the casing, with one end of each spring abutting the corresponding end of the casing. The opposite ends of the springs are secured to a plunger member which is mounted for reciprocating movement axially of the casing and which, when reciprocated, alternately expands and compresses each of the springs. The fluid to be homogenized enters the casing through the inlet opening where it is agitated between the coils of the springs and finally escapes through the outlet opening.

The Swiss patent to Oehninger discloses a mixing device in which the fluids to be mixed are fed into a chamber containing a coil spring. The patentee states that the fluid mixture passes through the windings of the spring "so that a very good mixing is effected." It is further stated in the patent that the cross section of the wire of which the spring is made "may show any optional form and need by no means be round." In one form of the device the spring is connected with an operating lever, by means of which it may be compressed or expanded.

The patent to Williams discloses a homogenizer comprising a chamber located between a diaphragm and a cover. The fluid to be homogenized flows into this chamber and the diaphragm is vibrated at a frequency of about 276 cycles while the cover vibrates at a frequency of about 436 cycles, thus agitating and homogenizing the fluid.

Claims 2, 3, and 4 were rejected on the patent to Williams. Each of those claims calls for a homogenizer comprising compressor elements and means for "mutually reciprocating" those elements. In the device of the Williams patent the cover and diaphragm are vibrated or reciprocated at different rates. This, of course, would result in some relative movement between them but such movement is irregular and this irregularity is relied on by the patentee as promoting cavitation. In appellants' application, on the other hand, the relative movement between the coils of the springs is regular and produces a uniform action on the material being treated. The device of Williams and that of appellants are, therefore, essentially different in operation.

[1] We are of opinion that the expression "mutually reciprocating," as it must be construed in the light of appellants' application, requires a regular movement of the compressor elements relatively to each other, and that it should not be so broadly construed as to cover two elements which are reciprocated at different rates of speed. The word "mutual," as used by appellants, implies that there is a correspondence between the reciprocations, so that for a given movement of one of the reciprocating elements, there is a corresponding movement of the other. This is not true in the device of the Williams patent and, in view of this fact and of the basic

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difference in operating principle between the Williams structure and that of appellants, we are of opinion that claims 2, 3, and 4 are patentable over the structure disclosed in the Williams patent.

Claims 18 and 19 were rejected on the Swiss patent to Oehninger. Those claims call for an elastic body having opposed compressor elements and reciprocating means for moving those elements. In rejecting claims 18 and 19, the Patent Office tribunals have relied on the coils of the spring of the reference patent as compressor elements. It is clear, however, that the patentee did not contemplate that those coils should have any compressing function. The means which he provides for compressing or expanding the spring is merely an adjusting means for varying the distance between the coils of the spring. There is nothing to suggest that there is to be any such movement of the spring during the mixing operation as would result in a compressing action, and the fact that a round wire is used for the spring in the preferred embodiment of the patentee's invention affords a further indication that no compression is intended, since there could be very little, if any compression of fluid between the coils of round wire.

Since the Oehninger patent contemplates an entirely different type of operation from that of appellants' application, and since the patent does not disclose any parts fairly corresponding to the compression elements called for by claims 18 and 19, we are of opinion that those claims were not properly rejected on that patent.

For the reasons stated, the decision of the Board of Appeals is reversed.

REVERSED.

By reason of illness, O'CONNELL, *J.*, was not present at the argument of this case and did not participate in the decision.

NOTICES

Adjudicated Patents

(C. C. A. Calif.) McAdam patent, No. 2,219,393, for a defrosting device, claims 1–9, 12 and 14 *Held* invalid, claims 10 and 11 *Held* valid, claim 13 *Held* valid and infringed. *Refrigeration Engineering Inc.* v. *York Corp.*, 168 F.2d 896; 78 USPQ —.

(D. C. Wis.) Visher patent, No. 2,301,724, for a pressure relief device *Held* invalid. *Visher Products Co.* v. *National Pressure Cooker Co.*, 78 F. Supp. 513; 78 USPQ 61.

(D. C. Mass.) Froelich patent, No. 2,329,463, for a sash balance, claims 3 and 10 to 12 *Held* invalid. *Turner & Seymour Mfg. Co.* v. *Valentine Lumber and Supply Co.*, 78 F. Supp. 554; 78 USPQ 123.

Disclaimers

2,168,172.—*Gregory L. Rees*, La Grange, Ill. CABINET RACK. Patent dated Aug. 1, 1939. Disclaimer filed Sept. 25, 1948, by the assignee, *Hotpoint Inc.*

Hereby disclaims claim 1.

2,403,025.—*Arthur L. Samuel*, Summit, N. J. ELECTRON BEAM DEVICE. Patent dated July 2, 1946. Disclaimer filed Sept. 24, 1948, by the assignee, *Bell Telephone Laboratories, Incorporated.*

Hereby enters this disclaimer to claim 2 of said patent.

2,421,137.—*Harold A. Wheeler*, Great Neck, N. Y. TRANSMISSION LINE. Patent dated May 27, 1947. Disclaimer filed Sept. 25, 1948, by the inventor; the assignee, *Hazeltine Research, Inc.*, assenting.

Hereby enters this disclaimer of the invention defined by claims 1 to 9, inclusive.

2,427,622.—*Harvey W. Rasmussen*, Bloomington, Ill. HANDLE LOCK. Patent dated Sept. 16, 1947. Disclaimer filed Sept. 24, 1948, by the inventor; the assignee, *Eureka Williams Corporation*, consenting.

Hereby enters this disclaimer to claims 2, 3, 4 and 5 of said patent.

Cancellation Notices

Refrigeration Corporation of Maryland, its assigns or legal representatives, take notice:

A petition for cancellation having been filed in this Office by Refrigeration Engineering, Inc., 7250 E. Slauson Ave., Los Angeles, Calif., to effect the cancellation of trade-mark registration of Refrigeration Corporation of Maryland, Garrison Blvd. at Western Maryland R. R., Baltimore, Md., No. 283,095, dated July 14, 1931, and the notice of such proceeding sent by registered mail to the said Refrigeration Corporation of Maryland at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Refrigeration Corporation of Maryland, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order, the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JOE E. DANIELS,
Oct. 7, 1948. *Assistant Commissioner of Patents.*

Robert H. Sommers, his assigns or legal representatives, take notice:

A petition for cancellation having been filed in this Office by Nopco Chemical Company, First and Essex Sts., Harrison, N. J., to effect the cancellation of trade-mark registration of Robert H. Sommers, 600 Diversey Blvd., Rienzi Hotel, Chicago, Ill., No. 262,738, dated October 22, 1929, and the notice of such proceeding sent by registered mail to the said Robert H. Sommers at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Robert H. Sommers, his assigns or legal representatives shall enter an appearance therein within thirty days from the first publication of this order, the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JOE E. DANIELS,
Oct. 7, 1948. *Assistant Commissioner of Patents.*

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,447,203. OCCUPANT PROPELLED ROUNDABOUT. Patented Aug. 17, 1948. A toy vehicle runs on a circular track having elevated portions at opposite positions to produce a circular ride. A horizontal cross arm is rotatably mounted at the center to form two propeller arms, each having a spring-pressed wheel on its outer end which travels around the track. Each propeller arm has at its outer end two footrests for a standing rider and an upright with a pair of hand grips. One footrest is fixed and the other vertically movable. The movable rest propels the arm by engaging the spring-pressed wheel on upper surface of track. The device is operated like a scooter, by rider shifting weight from one footrest to the other when he goes up or down an incline. Rider is moved forward in his circular ride by gravitational force, as his weight carries the roller down the incline. (Owner) Floyd O'Toole, 150 Falls St., L'Anse, Mich. Group 39—43. Reg. No. 10,073.

Pat. 2,446,144. RATCHET VENTILATOR AND AUTOMATIC SASH LOCK. Patented July 27, 1948. An automatic lock for each sash of a sliding window allows either sash to be opened and locked at any adjusted position. A socket containing a spring is provided to receive a bolt positioned at side of sash. Spring urges bolt into engagement with notches in parting strip when a slide latch is operated. (Owner) F. D. Story, Friendship Route, Arkadelphia, Ark. Groups 24—31; 33—59—83—91; 40. Reg. No. 10,074.

Pat. 2,438,057. BENDING BRAKE HAVING UNITARY ACTUATING MEANS FOR CLAMPING AND BENDING SHEET METAL. Patented Mar. 16, 1948. A bending and forming brake including unitary means whereby with a single movement of a control member the article is gripped and then bent. In the various modifications shown, the main drive shaft performs the two-fold function of camming up one end of the brake or clamp to depress the opposite end and thereafter actuating the bending structure. If desired, the effective driving connection between the power shaft and the roller-actuating levers may be interrupted while continuing the effective drive of the clamping bar. Any sized piece may be worked on by bending a piece a little at a time and moving the piece between bending operations to complete the bend. (Owner) American Reenforced Paper Company, Attleboro, Mass. Group 35—42. Reg. No. 10,075.

Pat. 2,438,319. BENDING BRAKE. Patented Mar. 23, 1948. A small, light, but powerful hand-operated brake for bending sheet metals and the like may be operated by a single operator. A stationary bed has a clamping means mounted above it. A pair of top plates has a guide strip between them. A clamping block is bolted to one of the plates and extends across the guide strip. A stop bar, flush against the top of the plates, slides forwardly and backwardly. An adjusting bar is mounted on top of stop bar, to which additional stop members may be secured, having varied forward extensions. A piece of work having a number of bends may be gauged and bent at a number of stations without stopping for adjustments. (Owner) American Reenforced Paper Company, Attleboro, Mass. Group 35—42. Reg. No. 10,076.

Pat. 2,408,002. BABY JUMPER. Patented Sept. 24, 1946. This device comprises a harness for an infant. The harness consists of a broad and adjustable body band that includes a crotch piece arrangement and a pair of long loop-like hangers at each side. The hangers engage the knobbed ends of a suspension bar connected to a jumper spring-set-up by an adjustable suspension cable. The jumper spring-set-up is made up of several vertically arranged springs attached to upper and lower horizontal connecting bars. The jumper may be hung from the center of a door frame and provide amusement to an infant strapped within. (Owner) A. J. Shurtliff, 225 South 10th Ave., Pocatello, Idaho. Groups 22—11; 25—11—19. Reg. No. 10,077.

Pat. 2,446,549. FLOAT VALVE. Patented Aug. 10, 1948. A float valve, adjustable to differences in water pressure, is designed to open and close with the flow of water. The flow-responsive device adjustably mounted on the valve stem functions as a screen and traps scale and foreign matter to prevent the valve and valve seat from clogging. (Owner) A. Norman, 2142 Rose St., Pittsburgh 19, Pa. Group 33—61. Reg. No. 10,078.

Pat. 2,295,417. LOCK. Patented Sept. 8, 1942. Lock requires a secondary key and a primary key to unlock it. Secondary key is inserted in and permanently attached to lock, while primary key is carried by a person. When primary key is inserted in lock, a hinged section on its inner end is deflected by a cam through an opening in inner end of secondary key. Secondary key is then pulled outwardly to pivot hinged section of primary key downwardly into tumblers until free end of hinged section snaps with a click behind a spring-pressed tooth. The tooth is mounted on a slide which carries a latching bolt. Secondary key is then pushed inwardly to pivot hinged section upwardly out of tumblers to move slide inwardly and withdraw latching bolt. (Owner) Clarence J. McCormick, 1428 West Congress St., Chicago, Ill. Group 83—59. Reg. No. 10,079.

Pat. 2,353,481. FUEL PRODUCING MACHINE. Patented July 11, 1944. Machine generates gas from carbides for engine fuel. A tank having a carbide compartment and a water compartment is mounted on a generating tank in which an endless conveyor for conveying carbide in a horizontal plane is mounted. An exteriorly controlled valve regulates the discharge of water onto an inclined perforated drip pan beneath water compartment. A grooved roller mounted in generating tank registers with a feed passage in bottom of carbide compartment. The roller periodically loads measured quantities of carbide onto one end of conveyor, and water drops from pan onto carbide as it is conveyed to discharge end of conveyor. Generated gas in conveyed through a pipe to a storage

tank, and gases accumulating in carbide compartment pass into same pipe through a screened opening. (Owner) Clarence J. McCormick, 1428 West Congress St., Chicago, Ill. Groups 28—86; 35—59. Reg. No. 10,080.

Pat. 2,336,633. LIGHT CONTROLLED APPARATUS. Patented Dec. 14, 1943. A portable photoelectric cell pick-up apparatus for cameras carries a photo-flash bulb which may be fired in synchronization with firing of flash bulb of camera. Apparatus includes an amplifier having its input connected to the output of a photoelectric cell and a photo-flash bulb associated with the output of the amplifier. One (or more) of the pick-up devices may be in a room at remote point from camera without any wires between it and camera. When photoelectric cell picks up suitable light radiation from the flash of the fired bulb of camera, bulb of pick-up device is fired in synchronization with light impulse picked up by cell. Inventor claims that satisfactory synchronization has been achieved at distances of as much as 150 feet from camera. (Owner) Donald Parson, Jr., Millwood St., R. D. 1, Framingham Centre, Mass. Group 39—12. Reg. No. 10,081.

Pat. 2,447,088. KEYING SYSTEM. Patented Aug. 17, 1948. This keying system, useful in transmitting telegraph signals, involves only two relays and three condensers in addition to the source of current and the usual key for automatically transmitting dash-and-dot signals. A transmitting relay is energized when the key is moved to either position. The relay circuit is completed through normally closed contacts of a spacing relay which has a condenser shunted around its winding to prevent immediate closing of its contacts after its energizing circuit has been opened. The spacing relay also has a condenser shunted around its normally closed contacts, which prolongs the energization of the transmitting relay after the contacts of the spacing relay have opened. In the dash position of the key a third condenser is connected with the second condenser to further prolong the time of energization of the transmitting relay after the contacts of the spacing relay have opened. (Owner) Donald Parson, Jr., Millwood St., R. D. 1, Framingham Centre, Mass. Group 36—62. Reg. No. 10,082.

United States Government Owned Patent

The following patent has been assigned by the inventors, Leon R. Chase and Royal H. Dimick, to the United States of America as represented by the Secretary of the Interior. Licenses to practice the invention will be issued on a non-exclusive and royalty-free basis. Inquiries concerning licenses should be addressed to the Solicitor, U. S. Department of the Interior, Washington 25, D. C.

Pat. 2,441,562. CONTINUOUS READING THERMOCOUPLE TEMPERATURE MEASURING DEVICE FOR ROTARY VESSELS. Patented May 18, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) Two series of contacting devices are alternately spaced on opposite sides of a flange around the rim of a rotary vessel, each series being connected to a terminal element of a thermoelectric device within the vessel. Electromotive force generated is carried to the two series of contacting devices and transmitted by a combination of rotating and sliding contacts to a pair of conductors engaging each series. It then passes to an insulated indicating device on the outside of the vessel so that the temperature changes within the vessel are continuously shown. Group 36—13. Reg. No. 10,083.

United States Government Owned Applications

The following applications for Letters Patent have been made available for license only. Licenses will be granted on a non-exclusive, royalty-free, revocable basis.

The applications relate to Internal Combustion Engines. They include Case 19 through Case 23. Cases 1 through 17, relating to antimalarials, were published in the May 13, 1947, Register (Reg. Nos. 5,591–5,607); Case 18, relating to Antibiotics, was published in the May 20, 1947, Register (Reg. No. 5,608).

Applicants for licenses should apply to the Secretary of the Army, Office of the Judge Advocate General, Patents Division, Department of the Army, Washington 25, D. C., identifying the application by CASE NUMBER.

Case No. 19. CYLINDER HEAD ASSEMBLY FOR INTERNAL COMBUSTION ENGINES. This application relates to a cylinder head assembly for Diesel engines which includes a main combustion chamber in the cylinder head, a precombustion chamber removably mounted in the cylinder head and cooling ducts around the precombustion chamber for circulating cooling water around the chamber in thermal contact therewith. Group 35—19. Reg. No. 10,084.

Case No. 20. LUBRICATING SYSTEM FOR INTERNAL COMBUSTION ENGINES. This application is directed to a lubricating system in which all passages for lubricant are inclosed in the engine head and disposed to distribute lubricant under pressure to the various moving parts of the engine. The alleged features of novelty include the disposition and arrangement of the lubricant passages and distribution ports. Groups 35—19; 38—31. Reg. No. 10,085.

Case No. 21. HYDRAULIC CONTROL MEANS FOR INTERNAL COMBUSTION ENGINES. This application relates to internal combustion engines and more particularly to an hydraulically controlled fuel injection mechanism embodying a governor assembly operatively associated with a sleeve valve for automatically controlling the time of fuel injection in accordance with engine speed. Groups 35—19; 38—31. Reg. No. 10,086.

Case No. 22. ENGINE BLOCK FOR INTERNAL COMBUSTION ENGINES. This application is directed to an engine block for internal combustion engines having a base, the lower surface of which, together with the surface beneath the mounting bosses for the engine block, the lower edge of the upper half of the main bearings, and the surface to which an oil pan may be fitted, are all in the same plane, whereby these parts may be machined in one operation. Groups 35—19; 38—31. Reg. No. 10,087.

Case No. 23. COUNTERWEIGHTED CRANKSHAFT AND METHOD OF MAKING SAME. This application is directed to a counterweighted crankshaft for internal combustion engines, the crankshaft being featured by having an elliptically shaped cheek formed with an arcuately shaped recess thereon, and a counterweight including an arcuately shaped portion conforming to the shape of the recess on the crankshaft jack, the arcuately shaped portion of the counterweight being attached to the crankshaft jack in such manner as to enable replacement of the counterweight with another counterweight of the same configuration. Groups 33—92; 35—69. Reg. No. 10,088.

American Bosch Corporation, of Springfield, Mass., offers for license at reasonable royalty the following 158 patents and 17 patent applications (Register Nos. 10,089 through 10,263). Correspondence concerning the patents and applications should be addressed to Raymond A. Paquin, 3664 Main St., Springfield, Mass.

Pat. 1,837,231. MAGNETO. Patented Dec. 22, 1931. Group 36—41. Reg. No. 10,089.

Pat. 1,856,774. LOUD SPEAKER CONSTRUCTION. Patented May 3, 1932. Group 36—61. Reg. No. 10,090.

Pat. 1,858,675. INTERRUPTER GEAR HOUSING. Patented May 17, 1932. Group 36—41. Reg. No. 10,091.

Pat. 1,877,228. RADIO TUNING APPARATUS. Patented Sept. 13, 1932. Group 36—61. Reg. No. 10,092.

Pat. 1,887,320. MAGNETO. Patented Nov. 8, 1932. Group 36—41. Reg. No. 10,093.

Pat. 1,887,522. MAGNETO INTERRUPTER. Patented Nov. 15, 1932. Group 36—41. Reg. No. 10,094.

Pat. 1,889,755. IGNITION GOVERNOR. Patented Dec. 6, 1932. Group 36—19—41. Reg. No. 10,095.

Pat. 1,890,305. MAGNETO. Patented Dec. 6, 1932. Group 36—41. Reg. No. 10,096.

Pat. 1,890,306. MAGNETO. Patented Dec. 6, 1932. Group 36—41. Reg. No. 10,097.

Pat. 1,890,518. MAGNETO. Patented Dec. 13, 1932. Group 36—41. Reg. No. 10,098.

Pat. 1,890,898. FLYWHEEL MAGNETO. Patented Dec. 13, 1932. Group 36—41. Reg. No. 10,099.

Pat. 1,891,369. CARRIER FOR ELECTROMAGNETIC PICK-UP. Patented Dec. 20, 1932. Group 36—61. Reg. No. 10,100.

Pat. 1,892,802. MAGNETO DISTRIBUTOR CONSTRUCTION. Patented Jan. 3, 1933. Group 36—41. Reg. No. 10,101.

Pat. 1,893,840. MAGNETO. Patented Jan. 10, 1933. Group 36—41. Reg. No. 10,102.

Pat. 1,898,835. SUPPORTING DEVICE FOR RADIO APPARATUS. Patented Feb. 21, 1933. Groups 36—61; 38—31. Reg. No. 10,103.

Pat. 1,902,331. DISPLAY DEVICE. Patented Mar. 21, 1933. Groups 36—19; 38—31; 39—93. Reg. No. 10,104.

Pat. 1,902,655. MAGNETO TIMING INDICATOR. Patented Mar. 21, 1933. Group 36—41. Reg. No. 10,105.

Pat. 1,902,874. DUST PROTECTOR DEVICE. Patented Mar. 28, 1933. Group 36—41. Reg. No. 10,106.

Pat. 1,904,692. LIGHTING GENERATOR. Patented Apr. 18, 1933. Group 36—41. Reg. No. 10,107.

Pat. 1,907,428. IGNITION TIMER. Patented May 9, 1933. Group 36—41. Reg. No. 10,108.

Pat. 1,908,119. RADIORECEIVER. Patented May 9, 1933. Group 36—61. Reg. No. 10,109.

Pat. 1,913,575. SPARK PLUG. Patented June 13, 1933. Group 36—41. Reg. No. 10,110.

Pat. 1,913,586. SWITCHING MECHANISM. Patented June 13, 1933. Group 36—61. Reg. No. 10,111.

Pat. 1,914,808. TESTING DEVICE. Patented June 20, 1933. Groups 36—13; 38—31. Reg. No. 10,112.

Pat. 1,914,809. SPARK PLUG TESTER. Patented June 20, 1933. Groups 36—13; 38—31. Reg. No. 10,113.

Pat. 1,914,812. HUMIDIFIER. Patented June 20, 1933. Group 35—84. Reg. No. 10,114.

Pat. 1,916,694. IGNITION COIL AND CONTROLLING DEVICE THEREFOR. Patented July 4, 1933. Group 36—41. Reg. No. 10,115.

Pat. 1,917,046. IGNITION TIMER. Patented July 4, 1933. Group 36—41. Reg. No. 10,116.

Pat. 1,917,690. FUEL SUPPLY PUMP. Patented July 11, 1933. Groups 35—19; 38—31. Reg. No. 10,117.

Pat. 1,917,907. TIMER FOR AIRPLANE ENGINES. Patented July 11, 1933. Groups 36—41; 37—22. Reg. No. 10,118.

Pat. 1,920,743. COUPLING DEVICE. Patented Aug. 1, 1933. Group 36—11—61. Reg. No. 10,119.

Pat. 1,922,655. IGNITION DEVICE. Patented Aug. 15, 1933. Groups 36—41; 37—22. Reg. No. 10,120.

Pat. 1,934,199. COMBINED IGNITION TIMER AND COIL. Patented Nov. 7, 1933. Group 36—41. Reg. No. 10,121.

Pat. 1,935,610. TIMER FOR INTERNAL COMBUSTION ENGINES. Patented Nov. 21, 1933. Group 36—41. Reg. No. 10,122.

Pat. 1,938,655. GOVERNOR. Patented Dec. 12, 1933. Group 36—19—41. Reg. No. 10,123.

Pat. 1,944,590. IGNITION MAGNETO. Patented Jan. 23, 1934. Group 36—41. Reg. No. 10,124.

Pat. 1,944,687. COMBINED CASING AND SUPPORT. Patented Jan. 23, 1934. Groups 36—61; 38—31. Reg. No. 10,125.

Pat. 1,950,986. OIL-IMPREGNATED ARMATURE. Patented Mar. 13, 1934. Group 36—41. Reg. No. 10,126.

Pat. 1,950,987. DISPLAY DEVICE. Patented Mar. 13, 1934. Groups 36—19; 38—31; 39—93. Reg. No. 10,127.

Pat. 1,951,744. CONTAINER. Patented Mar. 20, 1934. Groups 26—64; 36—11; 39—81. Reg. No. 10,128.

Pat. 1,952,321. INTERRUPTER LEVER. Patented Mar. 27, 1934. Groups 36—41; 38—31. Reg. No. 10,129.

Pat. 1,954,087. MAGNETO. Patented Apr. 10, 1934. Group 36—41. Reg. No. 10,130.

Pat. 1,954,088. LOCK-COIL. Patented Apr. 10, 1934. Group 36—41. Reg. No. 10,131.

Pat. 1,960,479. DUAL WAVE BAND RADIORECEIVER. Patented May 29, 1934. Group 36—61. Reg. No. 10,132.

Pat. 1,968,224. IGNITION TIMER. Patented July 31, 1934. Group 36—41. Reg. No. 10,133.

Pat. 1,968,433. TIMER FOR INTERNAL COMBUSTION ENGINES. Patented July 31, 1934. Group 36—41. Reg. No. 10,134.

Pat. 1,968,930. IGNITION SYSTEM. Patented Aug. 7, 1934. Group 36—41. Reg. No. 10,135.

Pat. 1,968,948. WIND DEFLECTOR. Patented Aug. 7, 1934. Group 38—31. Reg. No. 10,136.

Pat. 1,969,866. RADIO SHIELDED CABLE FASTENER. Patented Aug. 14, 1934. Group 36—11—41. Reg. No. 10,137.

Pat. 1,973,378. RADIORECEIVER. Patented Sept. 11, 1934. Group 36—61. Reg. No. 10,138.

Pat. 1,978,159. TIMER MOUNTING. Patented Oct. 23, 1934. Group 36—41. Reg. No. 10,139.

Pat. 1,978,161. IGNITION TIMER. Patented Oct. 23, 1934. Group 36—41. Reg. No. 10,140.

Pat. 1,978,162. TIMER FOR INTERNAL COMBUSTION ENGINES. Patented Oct. 23, 1934. Group 36—41. Reg. No. 10,141.

Pat. 1,979,313. PROGRAM DISTRIBUTION SYSTEM. Patented Nov. 6, 1934. Group 36—61. Reg. No. 10,142.

Pat. 1,979,314. POWER LINE REACTOR. Patented Nov. 6, 1934. Group 36—61. Reg. No. 10,143.

Pat. 1,979,315. RADIO APPARATUS. Patented Nov. 6, 1934. Group 36—61. Reg. No. 10,144.

Pat. 1,979,317. ELECTRIC RELAY. Patented Nov. 6, 1934. Group 36—11—61. Reg. No. 10,145.

Pat. 1,979,453. LOUD SPEAKER. Patented Nov. 6, 1934. Group 36—11—61. Reg. No. 10,146.

Pat. 1,980,038. ELECTRIC RELAY. Patented Nov. 6, 1934. Group 36—11—61. Reg. No. 10,147.

Pat. 1,980,178. MACHINE TOOL ATTACHMENT. Patented Nov. 13, 1934. Group 35—43. Reg. No. 10,148.

Pat. 1,988,132. RADIO CABINET. Patented Jan. 15, 1935. Groups 25—11; 36—61. Reg. No. 10,149.

Pat. 1,989,057. ELECTRIC RELAY. Patented Jan. 22, 1935. Group 36—11—41. Reg. No. 10,150.

Pat. 1,990,563. FUEL FEEDING APPARATUS. Patented Feb. 12, 1935. Groups 35—19; 38—31. Reg. No. 10,151.

Pat. 1,993,560. ELECTRICAL CONDENSER. Patented Mar. 5, 1935. Group 36—41. Reg. No. 10,152.

Pat. 1,993,765. COMBINED LAMP AND HORN. Patented Mar. 12, 1935. Groups 36—11; 38—31. Reg. No. 10,153.

Pat. 1,996,946. MAGNETIC ROTOR. Patented Apr. 9, 1935. Group 36—41. Reg. No. 10,154.

Pat. 1,996,947. ELECTRIC GENERATOR. Patented Apr. 9, 1935. Group 36—41. Reg. No. 10,155.

Pat. 1,996,948. MAGNETOS WITH ROTATING MAGNETS. Patented Apr. 9, 1935. Group 36—41. Reg. No. 10,156.

Pat. 2,005,063. METHOD OF OPERATING INTERNAL COMBUSTION ENGINES. Patented June 18, 1935. Groups 35—19; 38—31. Reg. No. 10,157.

Pat. 2,005,098. VARIABLE CONDENSER. Patented June 18, 1935. Group 36—41. Reg. No. 10,158.

Pat. 2,005,806. CIRCUIT BREAKER. Patented June 25, 1935. Group 36—19—41. Reg. No. 10,159.

Pat. 2,007,373. MAGNETO. Patented July 9, 1935. Group 36—41. Reg. No. 10,160.

Pat. 2,013,335. MAGNETO. Patented Sept. 3, 1935. Group 36—41. Reg. No. 10,161.

Pat. 2,013,878. ELECTRIC CONVERTER. Patented Sept. 10, 1935. Group 36—19—61. Reg. No. 10,162.

Pat. 2,020,302. FUEL PUMP. Patented Nov. 12, 1935. Groups 35—19; 38—31. Reg. No. 10,163.

Pat. 2,021,380. POWER SUPPLY SYSTEM FOR RADIO APPARATUS. Patented Nov. 19, 1935. Group 36—19—61. Reg. No. 10,164.

Pat. 2,023,005. RADIO DIAL MECHANISM. Patented Dec. 3, 1935. Group 36—61. Reg. No. 10,165.

Pat. 2,025,093. INDUCTANCE DEVICE. Patented Dec. 24, 1935. Group 36—61. Reg. No. 10,166.

Pat. 2,026,495. TONE CONTROL FOR RADIOS. Patented Dec. 31, 1935. Group 36—61. Reg. No. 10,167.

Pat. 2,029,523. TONE COMPENSATED VOLUME CONTROL. Patented Feb. 4, 1936. Group 36—61. Reg. No. 10,168.

Pat. 2,030,453. HUMIDIFIER. Patented Feb. 11, 1936. Group 35—84. Reg. No. 10,169.

Pat. 2,030,454. HUMIDIFIER APPARATUS. Patented Feb. 11, 1936. Group 35—84. Reg. No. 10,170.

Pat. 2,031,625. REGULATING DEVICE FOR INTERNAL COMBUSTION ENGINES. Patented Feb. 25, 1936. Groups 35—19; 38—31. Reg. No. 10,171.

Pat. 2,033,477. IGNITION TIMING MECHANISM. Patented Mar. 10, 1936. Group 36—41. Reg. No. 10,172.

Pat. 2,034,970. NOISE SUPPRESSOR FOR RADIO. Patented Mar. 24, 1936. Group 36—61. Reg. No. 10,173.

Pat. 2,034,974. OSCILLATOR CIRCUIT. Patented Mar. 24, 1936. Group 36—61. Reg. No. 10,174.

Pat. 2,043,676. PROTECTIVE DIAL LIGHT. Patented June 9, 1936. Group 36—61. Reg. No. 10,175.

Pat. 2,049,487. FLUID DISTRIBUTING AND DELIVERY CONTROL MEANS. Patented Aug. 4, 1936. Groups 35—19; 38—31. Reg. No. 10,176.

Pat. 2,055,431. RADIO RECEIVING APPARATUS. Patented Sept. 22, 1936. Group 36—61. Reg. No. 10,177.

Pat. 2,057,241. DYNAMO-ELECTRIC MACHINE. Patented Oct. 13, 1936. Group 36—41. Reg. No. 10,178.

Pat. 2,061,839. STATOR STRUCTURE FOR DYNAMO ELECTRIC MACHINES. Patented Nov. 24, 1936. Group 36—41. Reg. No. 10,179.

Pat. 2,062,253. RADIO COIL AND SWITCH ASSEMBLY. Patented Nov. 24, 1936. Group 36—61. Reg. No. 10,180.

Pat. 2,064,520. RADIO DIAL. Patented Dec. 15, 1936. Group 36—61. Reg. No. 10,181.

Pat. 2,073,604. FUEL DISTRIBUTING VALVE. Patented Mar. 16, 1937. Groups 35—19; 38—31. Reg. No. 10,182.

Pat. 2,075,904. IGNITION TIMER. Patented Apr. 6, 1937. Group 36—41. Reg. No. 10,183.

Pat. 2,076,771. RADIO RECEIVER CONSTRUCTION. Patented Apr. 13, 1937. Group 36—61. Reg. No. 10,184.

Pat. 2,087,296. FUEL FEEDING DEVICE. Patented July 20, 1937. Groups 35—19; 38—31. Reg. No. 10,185.

Pat. 2,090,688. FUEL SUPPLY PUMP. Patented Aug. 24, 1937. Groups 35—19; 38—31. Reg. No. 10,186.

Pat. 2,093,477. FUEL PUMP. Patented Sept. 21, 1937. Groups 35—19; 38—31. Reg. No. 10,187.

Pat. 2,108,398. MOUNTING FOR TUBULAR ARTICLES. Patented Feb. 15, 1938. Groups 36—11; 36—61. Reg. No. 10,188.

Pat. 2,108,399. MOUNTING DEVICE FOR TUBULAR ARTICLES. Patented Feb. 15, 1938. Groups 36—11; 36—61. Reg. No. 10,189.

Pat. 2,118,313. ELECTRIC IGNITION GENERATOR. Patented May 24, 1938. Group 36—41. Reg. No. 10,190.

Pat. 2,124,528. ELECTRIC IGNITION SYSTEM. Patented July 26, 1938. Group 36—41. Reg. No. 10,191.

Pat. 2,134,175. WAVE FILTER. Patented Oct. 25, 1938. Group 36—61. Reg. No. 10,192.

Pat. 2,141,141. IGNITION COIL. Patented Dec. 20, 1938. Group 36—41. Reg. No. 10,193.

Pat. 2,148,424. ELECTRIC IGNITION INTERRUPTER. Patented Feb. 28, 1939. Group 36—41. Reg. No. 10,194.

Pat. 2,149,397. ELECTRIC IGNITION SYSTEM. Patented Mar. 7, 1939. Group 36—41. Reg. No. 10,195.

Pat. 2,150,206. ELECTRIC CIRCUIT INTERRUPTER. Patented Mar. 14, 1939. Group 36—41. Reg. No. 10,196.

Pat. 2,150,859. VENTILATOR ATTACHMENT FOR ELECTRIC IGNITION APPARATUS. Patented Mar. 14, 1939. Group 36—41. Reg. No. 10,197.

Pat. 2,151,955. STATOR STRUCTURE FOR DYNAMO-ELECTRIC MACHINES. Patented Mar. 28, 1939. Group 36—41. Reg. No. 10,198.

Pat. 2,156,677. RADIO TUNING DEVICE. Patented May 2, 1939. Group 36—61. Reg. No. 10,199.

Pat. 2,156,679. TUNING MECHANISM FOR RADIO APPARATUS. Patented May 2, 1939. Group 36—61. Reg. No. 10,200.

Pat. 2,161,251. IGNITION DISTRIBUTOR. Patented June 6, 1939. Group 36—41. Reg. No. 10,201.

Pat. 2,218,109. GENERATOR REGULATOR. Patented Oct. 15, 1940. Group 36—41. Reg. No. 10,202.

Pat. 2,239,650. ENGINE DRIVING MECHANISM FOR MAGNETOS. Patented Apr. 22, 1941. Group 36—41. Reg. No. 10,203.

Pat. 2,240,804. INDICATING MECHANISM FOR IGNITION INTERRUPTERS. Patented May 6, 1941. Group 36—41. Reg. No. 10,204.

Pat. 2,243,416. MAGNETO. Patented May 27, 1941. Group 36—41. Reg. No. 10,205.

Pat. 2,243,418. MAGNETO APPARATUS. Patented May 27, 1941. Group 36—41. Reg. No. 10,206.

Pat. 2,246,901. DISTRIBUTOR CABLE CONNECTOR. Patented June 24, 1941. Groups 36—11; 36—41. Reg. No. 10,207.

Pat. 2,250,682. GAP CONNECTOR IN IGNITION GENERATORS. Patented July 29, 1941. Group 36—41. Reg. No. 10,208.

Pat. 2,250,809. ENGINE DRIVING MECHANISM FOR MAGNETOS. Patented July 29, 1941. Group 36—41. Reg. No. 10,209.

Pat. 2,253,201. MAGNETO WITH PROTECTIVE MECHANISMS. Patented Aug. 19, 1941. Group 36—41. Reg. No. 10,210.

Pat. 2,259,229. IGNITION COIL. Patented Oct. 14, 1941. Group 36—41. Reg. No. 10,211.

Pat. 2,259,693. FUEL GOVERNOR FOR INTERNAL COMBUSTION ENGINES. Patented Oct. 21, 1941. Group 36—41. Reg. No. 10,212.

Pat. 2,267,396. MULTICYLINDER IGNITION GENERATOR. Patented Dec. 23, 1941. Group 36—41. Reg. No. 10,213.

Pat. 2,269,651. ROTOR FOR ELECTRIC GENERATORS. Patented Jan. 13, 1942. Group 36—41. Reg. No. 10,214.

Pat. 2,281,222. SPEED REGULATOR FOR INTERNAL COMBUSTION ENGINES. Patented Apr. 28, 1942. Group 36—41. Reg. No. 10,215.

Pat. 2,281,862. IGNITION COIL AND TERMINAL CONNECTOR THEREFOR. Patented May 5, 1942. Group 36—41. Reg. No. 10,216.

Pat. 2,286,301. LIQUID PUMP. Patented June 16, 1942. Groups 35—19; 38—31. Reg. No. 10,217.

Pat. 2,286,302. LIQUID PUMP. Patented June 16, 1942. Groups 35—19; 38—31. Reg. No. 10,218.

Pat. 2,298,652. MAGNET STATOR STRUCTURE FOR MAGNETOS. Patented Oct. 13, 1942. Group 36—41. Reg. No. 10,219.

Pat. 2,302,896. GROUNDING MECHANISMS FOR MAGNETOS. Patented Nov. 24, 1942. Group 36—41. Reg. No. 10,220.

Pat. 2,305,448. DOUBLE MAGNETO GENERATOR UNIT. Patented Dec. 15, 1942. Group 36—41. Reg. No. 10,221.

Pat. 2,308,973. MAGNETO. Patented Jan. 19, 1943. Group 36—41. Reg. No. 10,222.

Pat. 2,312,447. MULTICYLINDER MAGNETO. Patented Mar. 2, 1943. Group 36—41. Reg. No. 10,223.

Pat. 2,320,947. FASTENING MEANS. Patented June 1, 1943. Group 36—41. Reg. No. 10,224.

Pat. 2,330,028. MANUAL LUBRICATOR FOR IGNITION INTERRUPTERS. Patented Sept. 21, 1943. Group 36—41. Reg. No. 10,225.

Pat. 2,332,665. MULTICYLINDER LIQUID PUMP ASSEMBLY. Patented Oct. 26, 1943. Groups 35—19; 38—31. Reg. No. 10,226.

Pat. 2,336,032. FUEL INJECTION NOZZLE. Patented Dec. 7, 1943. Groups 35—19; 38—31. Reg. No. 10,227.

Pat. 2,348,896. CIRCUIT BREAKER. Patented May 16, 1944. Group 36—41. Reg. No. 10,228.

Pat. 2,355,211. CONTACT OPENING INDICATOR FOR IGNITION GENERATORS. Patented Aug. 8, 1944. Group 36—41. Reg. No. 10,229.

Pat. 2,360,835. METHOD OF MAKING INDUCTION COILS. Patented Oct. 24, 1944. Group 36—41. Reg. No. 10,230.

Pat. 2,380,607. FLUID PUMP. Patented July 31, 1945. Groups 35—19; 38—31. Reg. No. 10,231.

Pat. 2,388,681. MIXTURE CONTROL APPARATUS. Patented Nov. 13, 1945. Groups 35—19; 38—31. Reg. No. 10,232.

Pat. 2,393,900. BEARING FOR DYNAMOS. Patented Jan. 29, 1946. Groups 35—66; 36—19. Reg. No. 10,233.

Pat. 2,394,234. MAGNETO. Patented Feb. 5, 1946. Group 36—41. Reg. No. 10,234.

Pat. 2,395,611. IGNITION DISTRIBUTOR. Patented Feb. 26, 1946. Group 36—41. Reg. No. 10,235.

Pat. 2,395,629. MAGNETO IGNITION SYSTEM. Patented Feb. 26, 1946. Group 36—41. Reg. No. 10,236.

Pat. 2,395,648. AUTOMATIC FUEL MIXTURE CONTROL SYSTEM. Patented Feb. 26, 1946. Groups 35—19; 38—31. Reg. No. 10,237.

Pat. 2,419,683. SEALING HIGH TENSION WIRES IN SOCKETS. Patented Apr. 29, 1947. Group 36—11—41. Reg. No. 10,238.

Pat. 2,420,407. HIGH TENSION MAGNETO. Patented May 13, 1947. Group 36—41. Reg. No. 10,239.

Pat. 2,429,806. FUEL INJECTION PUMP. Patented Oct. 28, 1947. Groups 35—19; 38—31. Reg. No. 10,240.

Pat. 2,431,686. VARIABLE CAPACITY PUMP. Patented Dec. 2, 1947. Groups 35—19; 38—31. Reg. No. 10,241.

Pat. 2,434,492. ELECTRIC COIL. Patented Jan. 13, 1948. Group 36—41. Reg. No. 10,242.

Pat. 2,434,511. METHODS OF MAKING ELECTRIC COILS. Patented Jan. 13, 1948. Group 36—41. Reg. No. 10,243.

Pat. 2,436,797. FUEL INJECTION PUMP. Patented Mar. 2, 1948. Groups 35—19; 38—31. Reg. No. 10,244.

Pat. 2,441,277. COMBINED INJECTOR NOZZLE AND SPARK PLUG. Patented May 11, 1948. Group 36—41. Reg. No. 10,245.

Pat. 2,441,922. IGNITION DISTRIBUTOR. Patented May 18, 1948. Group 36—41. Reg. No. 10,246.

Serial No. 575,418. ELECTRIC SPARK GAPS. An electric spark gap for use in oscillatory electric circuits or electrical devices in which the operation of the spark gap is stabilized throughout its operative period by providing means exteriorly of the spark gap envelope for maintaining a substantially uniform voltage gradient between the two electrodes of the gap irrespective of the proximity of outside grounded devices, thereby reducing or eliminating the deflection of the spark discharges and the distribution of point electrical discharges in the space outside the spark gap envelope which is stabilized or the variation of their effect is rendered negligible. Group 36—41. Reg. No. 10,247.

Serial No. 503,470. FUEL INJECTION PUMP. A high speed, high pressure fuel injection pump for injecting liquid fuel into the engine cylinders and which is capable of satisfactory operation at the highest engine operating speeds without undue wear, without mechanical failure and which requires a small amount of power for its operation. The pump can be applied to either Diesel engines or spark ignition gasoline engines and when used in connection with the latter is capable of adjusting the quantity of fuel injected with unusual accuracy. Groups 35—19; 38—31. Reg. No. 10,248.

Serial No. 575,872. IGNITION HARNESS ASSEMBLY. A separate converter unit capable of being easily and quickly interposed in or removed from a harness lead of an ignition system as a unit without removing the harness lead from the engine or dismantling the converter and including a housing containing the electrical elements for converting the current and detachable connections on the housing for making electrical connection at opposite ends of the housing with the lead without the necessity of soldered connections. Group 36—11—41. Reg. No. 10,249.

Serial No. 575,873. IGNITION HARNESS ASSEMBLY. An electrical lead for detachably connecting a conductor to an electrical component. The lead having a terminal having a contact portion and a connecting portion, the connecting portion being adapted to receive the end of the electrical conductor and be connected thereto and the contact portion having a hollow contact adapted to receive a contact of an electrical component and be retained in resilient contact therewith. Group 36—11—41. Reg. No. 10,250.

Serial No. 575,874. ELECTRICAL CONDENSERS. An electrical condenser of the roll type formed by winding alternate layers of a conducting material and an insulating material on a hollow mandrel with a terminal within and adjacent one end of said hollow mandrel and a ground terminal member secured to the opposite end face of the condenser and having ground contact portions extending from said ground terminal member. Group 36—41. Reg. No. 10,251.

Serial No. 587,160. RADIO-SHIELDED UNITS. A radio-shielded unit consisting of a casing containing a coil, a relay and a terminal. A lead extending into the casing and connected to the terminal and a radio-shielded housing in the casing and enclosing the terminal, the relay being adjacent the shielded housing which has contacts extending through its wall and contacts external of the housing and operated by the relay for electrically connecting the contacts on the housing with the relay. Group 36—41. Reg. No. 10,252.

Serial No. 590,941. GROUND TERMINAL FILTER. A ground terminal filter for aviation magnetos and consisting of a radio-shielded, low impedance filter which is relatively small and short allowing its use in the available space and which is interchangeable with the ground terminal of existing devices and, therefore, capable of being interposed in the line from the ground terminal of the magneto to the pilot's cockpit control. Group 36—11—41. Reg. No. 10,253.

Serial No. 591,914. FUEL INJECTION PUMP. A fuel injection pump for injecting liquid fuel into the engine cylinders of large engines such as aviation engines, which doubles the number of cylinders of the fuel injection pump without substantially increasing the weight and space requirements of the pump, thereby simplifying the engine arrangement including the mounting and driving of the pumps and the linkages for controlling their outputs and whereby the output of each cylinder can be adjusted independently of the output of every other cylinder. Groups 35—19; 38—31. Reg. No. 10,254.

Serial No. 598,754. FUEL INJECTION PUMPS. A fuel injection pump for use with internal combustion engines wherein liquid fuel is injected periodically in accurately metered amounts into the engine cylinders or into the air intake pipe or pipes near the engine cylinders, and wherein the pumping chamber is in open connection with the source of fuel supply during the entire return stroke of the plunger thus preventing the formation of vapor in the pumping chamber during the plunger return stroke and which pump is suited to handling highly volatile fuels and to cooperating with engines operating at relatively high speeds. Groups 35—19; 38—31.. Reg. No. 10,255.

Serial No. 603,170. IGNITION SYSTEMS AND SPARK GAPS. A spark plug and transformer unit for use in an ignition system for an internal combustion engine and which is relatively compact in size and simple in construction and which may be used at high altitudes without electrical flashover. The transformer unit embodies a solderless primary coil and a secondary coil both formed on bases of insulating material and enclosed within a radio-shielded spark plug. Group 36—41. Reg. No. 10,256.

Serial No. 615,578. SPEED CONTROL DEVICE. A speed control for DC shunt motors which allows the obtaining of speeds below the basic speed of the motor without encountering the drooping speed torque curve that results from the introduction of armature resistance and which may be positioned remotely from the motor which is to be controlled thereby and which comprises a resistor in series with the armature of the motor and contacts bridging the resistor and a coil connected across the current source of the motor for causing alternate opening and closing of the contacts. Group 36—41. Reg. No. 10,257.

Serial No. 618,635. ELECTRICAL DEVICES. An electrical element such as a roll type condenser consisting of wound layers of superimposed layers of conducting and insulating material with the layers of insulating material being impregnated with a liquid organo-silicon oxide polymer. Group 36—41. Reg. No. 10,258.

Serial No. 618,745. IGNITION SYSTEMS. An ignition system including an electronic supply and control for such ignition system with the electronic supply and control consisting of a rectifier used as an energy source with the rectifier grounded and also connected to a high vacuum tube which is normally biased to cut off but has provision within its grid circuit for shifting the bias in a positive direction for a brief instance each time a spark is required. Group 36—41. Reg. No. 10,259.

Serial No. 618,746. ELECTRONIC DISTRIBUTOR. A high vacuum electronic distributor for ignition systems with relatively low tension distribution, which distributor contains no moving parts and which at the same time accomplishes the timing operation normally accomplished by breaker points. The distributor comprises an electronic tube interposed between the source of power and the ignition system and the tube functions as a timer as well as distributor. Group 36—41. Reg. No. 10,260.

Serial No. 621,463. FUEL INJECTION SYSTEM. A fuel injection system for internal combustion engines, which system is completely pressure operated and has no mechanical connection with the engine pistons but wherein both the fuel injection and timing is operated by cylinder pressure and wherein adjusting means is provided for adjustably controlling the timing of the injections. The injection pump and nozzle are each connected by pipe lines to the interior of the cylinder and pressure from the cylinder operates the fuel injection pump and also operates to time the injection of fuel by the nozzle. Groups 35—19; 38—31. Reg. No. 10,261.

Serial No. 635,371. ELECTROMAGNETIC DEVICES. An electromagnetic device such as a magneto which is of the gearless type and operates at camshaft speed and which is coaxial in that it has the coil surrounding the shaft and which employs the rotor or stator poles more than once each revolution thereby utilizing a smaller rotor with fewer poles and thus providing a more compact magneto construction. Group 36—41. Reg. No. 10,262.

Serial No. 652,137. GOVERNOR. A hydraulic governor for controlling the supply of fuel to an engine and which governor is adapted to be operated by oil from the engine oil supply and which governor consists of a spinner on a shaft and rotatable therewith and movable in a direction parallel to the axis of the shaft and a servomotor actuated by fluid from a pressure inlet line to control the supply of fuel to the engine. Groups 35—19; 38—31. Reg. No. 10,263.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS

RENDERED DURING SEPTEMBER, 1948

EX PARTE E. DALTROFF & CIE. (DOING BUSINESS AS PARFUMERIE CARON), Registration No. 181,205.

In a decision rendered September 3, 1948 (169 Ms. Dec. 977, 78 USPQ 373), *Assistant Commissioner Daniels* denied a petition from the action of the Examiner refusing the application of E. Daltroff & Cie. (doing business as Parfumerie Caron), of Paris, France, pursuant to section 7(d) of the Trade-Mark Act of 1946 to amend a registration under the Trade-Mark Act of 1905, which it owns, consisting of the words "Bain de Champagne" for various toilet preparations, by changing the style of type in which the words are set out in the registration, and also to add the word "ROYAL," changing the mark to "ROYAL BAIN DE CHAMPAGNE," no question being raised as to the change in style of type.

It was held that the Examiner was right in ruling that the proposed addition of the word "ROYAL" would alter materially the character of the mark.

After noting that after refusal to enter the amendment, petitioner amended the petition for amendment by disclaiming the word "ROYAL," it was held that how such a disclaimer can render the amendment acceptable is not clear, nor in any event would it be proper to add a word merely for the purpose of disclaiming it.

SCHERING CORPORATION *v.* PENILIN, INC., Opposition No. 24,104.

In a decision rendered September 10, 1948 (169 Ms. Dec. 980, 78 USPQ 375), *Assistant Commissioner Murphy* granted reconsideration of his decision (611 O. G. 1024, 77 USPQ 474) of May 20, 1948, but was not persuaded that there is any error in the decision as rendered.

In response to applicant's contention that since opposer took no testimony it is not entitled to assumptions that might be drawn from facts not in the record, it was held that reference to standard works is merely taking judicial knowledge of established facts.

NANCY ANN STORYBOOK DOLLS, INC., *v.* DOMENICK IPPOLITO (DOING BUSINESS AS HOLLYWOOD DOLL MANUFACTURING COMPANY), Opposition No. 25,341.

In a decision rendered September 17, 1948 (169 Ms. Dec. 987, 79 USPQ 20), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the notice of opposition of Nancy Ann Storybook Dolls, Inc., of San Francisco, Calif., to the application of Domenick Ippolito (doing business as Hollywood Doll Manufacturing Company), of Glendale, Calif., to register the words "Garden Lady" under the Trade-Mark Act of 1905 as a trade-mark for dolls and dolls' clothes. The opposition was based upon opposer's ownership and prior use of the trade-mark "ANNIE AT THE GARDEN GATE," registration No. 404,578, and "LADY IN WAITING," registration No. 404,889, for dolls.

It was held that the only issue for determination on the appeal is the similarity of the marks.

It was held that the Examiner was right in finding that it was necessary to consider only the registration of "ANNIE AT THE GARDEN GATE" and that the Examiner was correct in holding that, considering the marks as a whole, the impression given by the two marks in their entireties was sufficient to give rise to likelihood of confusion within the meaning of the act.

NANCY ANN STORYBOOK DOLLS, INC., *v.* DOMENICK IPPOLITO (DOING BUSINESS AS HOLLYWOOD DOLL MANUFACTURING COMPANY), Oppositions Nos. 25,342, 25,343, 25,344, and 25,345.

In a decision rendered September 17, 1948 (169 Ms. Dec. 983, 79 USPQ 21), *Assistant Commissioner Daniels* reversed, in each of four cases, the decisions of the Examiner of Interferences, who had sustained the notices of opposition of Nancy Ann Storybook Dolls, Inc., of San Francisco, Calif., based upon ownership and prior use by the opposer of the trade-mark "LADY IN WAITING," registration No. 404,889, for dressed dolls, to four applications of Domenick Ippolito (doing business as Hollywood Doll Manufacturing Company), of Glendale, Calif., for registration, respectively, of the words: "Lady Elaine," "Lady Guinevere," "Lady Isolde," and "Lady Lynette"; registration of each being sought as a trade-mark under the act of 1905 as a trade-mark for dolls and dolls' clothes.

It was held that the only question for consideration is whether or not the marks sought to be registered by applicant are confusingly similar to opposer's mark.

In response to applicant's contention that the opposition cannot be sustained because of opposer's nonuse of the mark, it was held that the Examiner was right in ruling that opposer being the registered owner of the mark "LADY IN WAITING," its temporary nonuse of the mark becomes immaterial here.

It was held that it is well established that the grounds of opposition must be stated in the notice thereof, and opposer has failed to show any right to the individual name or to base this opposition on the practice of use of individual names with "LADY IN WAITING."

It was held that, in view of the suggestive nature of "Lady" as applied to dolls there appears to be no basis for the claim that opposer's use of "LADY IN WAITING" should entitle it to prevent registration of "Lady" in combination with other words or names which sufficiently differentiate from opposer's said mark, so that the marks of applicant, when considered in their entireties, do not bear such a resemblance to opposer's trade-mark "LADY IN WAITING," or to that mark as used with the individual names referred to above as to give rise to any reasonable likelihood of confusion in trade within the meaning of section 5 of the Trade-Mark Act of 1905.

NANCY ANN STORYBOOK DOLLS, INC., *v.* DOMENICK IPPOLITO, Opposition No. 25,348.

In a decision rendered September 17, 1948 (169 Ms. Dec. 990, 79 USPQ 23), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the notice of opposition of Nancy Ann Storybook Dolls, Inc., of San Francisco, Calif., to an application of Domenick Ippolito, of Glendale, Calif., to register a trade-mark under the Trade-Mark Act of 1905 and holding ex parte and without regard to the issues of the opposition that applicant's mark was merely descriptive of the goods and was not entitled to registration.

After noting that applicant filed no brief in this case and presented no argument in connection with this appeal, it was held that the record discloses no manifest error in the Examiner's decision, which is accordingly affirmed.

NANCY ANN STORYBOOK DOLLS, INC., *v.* DOMENICK IPPOLITO, Opposition No. 25,349.

In a decision rendered September 17, 1948 (169 Ms. Dec. 989, 79 USPQ 23), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the notice of opposition of Nancy Ann Storybook Dolls, Inc., of San Francisco, Calif., to the application of Domenick Ippolito, of Glendale, Calif., to register a trade-mark under the Trade-Mark Act of 1905 and holding ex parte and without regard to the issues of the opposition that applicant's mark was merely descriptive of the goods and was not entitled to registration.

After noting that applicant has filed no brief in this case and presented no argument in connection with this appeal, it was held that the record discloses no manifest error in the Examiner's decision, which is accordingly affirmed.

EX PARTE STRATHMORE PAPER COMPANY, Serial No. 482,226.

In a decision rendered September 28, 1948 (169 Ms. Dec. 993, 79 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to Strathmore Paper Company, of West Springfield, Mass., the word "Porcelain" as a trade-mark for writing and printing paper under the Trade-Mark Act of 1920, on the ground that the word "Porcelain" as applied to applicant's goods is devoid of trade-mark significance.

After noting that the Examiner in support of his ruling cited definitions of "Porcelain" which indicate that it is a type of paper and show that it is commonly used and recognized as such in the paper industry, it was held that applicant having failed to show that the definitions cited are incorrect or that the meaning referred to is not known and established, the mark falls in the same category, as stated by the Examiner, as "parchment" paper or "paraffin" paper and as such is devoid of trade-mark significance.

EX PARTE LYMAN ELECTRONIC CORPORATION, Serial No. 505,113.

In a decision rendered September 28, 1948 (169 Ms. Dec. 995, 79 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register, under the Trade-Mark Act of 1905, to Lyman Electronic Corporation, of Springfield, Mass., the notation "Callmaster," written in script, as a trade-mark for electronic intercommunication sets and systems, in view of a prior registration, No. 363,989, disclosing the word "DoormasteR" for interior telephone systems.

After noting that no question is raised by the applicant as to the similarity of the goods of the parties, that the Examiner stated that "call" indicates a use of applicant's product and that applicant agrees that as applied to these goods the prefix possesses a descriptive significance, it was held that the Examiner of Trade-Marks was right in ruling that applicant's mark considered as a whole, approaches that of the registration so closely in sound and appearance that there is reasonable likelihood of confusion in the minds of purchasers.

CRANBERRY CANNERS, INC. (BY CHANGE OF NAME NATIONAL CRANBERRY ASSOCIATION) *v.* NESTLE'S MILK PRODUCTS, INC. (BY CHANGE OF NAME THE NESTLE COMPANY, INC.), Opposition No. 25,134.

In a decision rendered September 28, 1948 (169 Ms. Dec. 991, 79 USPQ —) *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences dismissing the notice of opposition of Cranberry Canners, Inc. (by change of name National Cranberry Association), of Hanson, Mass., to the application of Nestle's Milk Products, Inc. (by change of name The Nestle Company, Inc.), of New York, N. Y., to register a mark comprising the word "NESPRAY" as a trade-mark for powdered milk, under the Trade-Mark Act of 1905. Opposer relied upon ownership and prior use of the trade-mark "Ocean Spray" for fresh cranberries and various cranberry products.

It was held that the Examiner of Interferences was right in ruling that, when viewed in their entireties, the marks possess differences in appearance, sound and significance to the extent that the cumulative effect thereof taken together with the differences in the respective products to which they are applied is deemed sufficient to preclude any reasonable likelihood of confusion in trade or deception of purchasers as to the origin thereof.

WYETH, INCORPORATED, *v.* MONT-O-MIN SALES CORPORATION, Opposition No. 25,168.

In a decision rendered September 28, 1948 (169 Ms. Dec. 996, 79 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the opposition of Wyeth, Incorporated, of Philadelphia, Pa., to the application of Mont-O-Min Sales Corporation, of Oakland, Calif., to register the word "Mont-O-Min" (with certain disclaimed words), as a trade-mark for vitamin and mineral capsules, under the Trade-Mark Act of 1905. The notice of opposition alleged opposer's ownership and prior use of the trade-mark "MORRAMIN" for goods alleged to be similar, and also set up ownership of registration of the mark, No. 215,885, for medicinal alterative and reconstructive tonic for nervous debility, anaemia, lack of appetite, malnutrition, and disorders due to exhausted condition of the system.

After noting that there is no question as to opposer's prior use and ownership of the trade-mark "MORRAMIN" for the goods stated in its registration, it was held that while the product of each of the parties may differ as to precise composition and usage, they are certainly goods of the same descriptive properties.

It was held that the Examiner of Interferences was right in ruling that "Mont-O-Min" and "MORRAMIN" bear such near resemblance as to be likely to give rise to confusion in trade and deception of purchasers when applied concurrently to the products here involved and that, in view of the close similarity of the marks and the similarity of the goods here involved, the so-called doctrine of cumulative differences cannot apply as suggested by applicant.

In response to applicant's contention that opposer's apparent failure to take any action against the users of certain other marks including "Min" constitutes laches or estoppel in accordance with section 19 of the Trade-Mark Act of 1946, it was held that there is no suggestion of delay in proceeding as against applicant and delay in asserting rights as against third parties can give no rights which applicant can assert and that the Examiner's finding of similarity between the marks is based upon the marks in their entireties, and not merely on the common use of the syllable "Min."

EX PARTE DUFFY-MOTT COMPANY, INC., Serial No. 498,987.

In a decision rendered September 29, 1948 (171 Ms. Dec. 1, 79 USPQ —), *Assistant Commissioner Daniels* reversed the action of the Examiner of Trade-Marks, who had refused to register to Duffy-Mott Company, Inc., of New York, N. Y., a trade-mark for prune juice, under the Trade-Mark Act of 1905, applicant being the owner of two previous registrations of the same mark for vinegar, and cider, respectively, both registered under the ten-year proviso of the act of 1905, applicant claiming use of the mark on prune juice since May 1, 1938, but use on other products involved since 1883, over two similar, although not identical, marks disclosed in two prior registrations of another registrant, also registered under the ten-year proviso, for dried and canned fruits.

It was held, in view of the fact that refusal to register applicant's mark will deprive applicant of the benefit of registration for a product upon which it actually uses the mark, while its registration will not, upon the facts disclosed in this record, affect the present situation as to registration to any material extent, that in the absence of any indication of conflict or interference for so many years, any doubt should be resolved in applicant's favor and that the mark should be passed for publication, and in the absence of opposition should be registered, this action being taken only because applicant apparently comes squarely within the provisions of the 1920 amendment to the act of 1905, and in view of the unusual circumstances here involved.

EX PARTE AMERICAN DISINFECTING CO., INC., Registration No. 362,154.

In a decision rendered September 29, 1948 (171 Ms. Dec. 4, 79 USPQ —), *Assistant Commissioner Daniels* denied a petition from the action of the Examiner of Trade-Marks refusing to enter an amendment presented pursuant to section 7(d) of the Trade-Mark Act of 1946, amending a registration of American Disinfecting Co., Inc., of Sedalia, Mo., of a trade-mark under the Trade-Mark Act of 1905. The mark as registered comprises a rectangular panel, in the upper righthand corner of which appears the word "ADCO," and in the lower righthand corner the words "American Disinfecting Co., Inc." The amendment submitted proposes to delete the border and substitute the words "Adco Inc." for "American Disinfecting Co., Inc." In the amended drawing as presented, the word "ADCO" appears near the top of the drawing, and the words "Adco Inc." in substantially larger lettering at the bottom.

It was held that the Examiner rightly refused entry of the amendment on the ground that "Adco Inc." is merely the corporate name of the registrant and is lacking in trade-mark significance.

It was held that the action of the Examiner in refusing to enter the amendment is regarded as proper both on the ground that as sought to be amended the mark would be dominated by nonregistrable subject matter and that the change sought would constitute a material alteration.

After noting that the specimens now presented do not show the two features of the mark, as sought to be amended, "ADCO" and "Adco Inc." as so related and connected as to serve as part of the same composite mark, since they have been arbitrarily selected from widely separated portions of a large label on which they appear to have no more relation to each other than each has to the other material appearing thereon, it was held that in addition to the grounds stated by the Examiner of Trade-Marks, the amendment should be refused on the ground that the specimens do not show the mark as presented.

It was noted that the denial is without prejudice to such other amendment as may be considered proper including the elimination of the border and of the corporate name should petitioner elect to take such action.

JUNIOR GUILD FROCKS, INC., *v.* PAGE & DIXON DRUG CO., INC. (WILLIAM SEMCO, ASSIGNEE, SUBSTITUTED), Cancellation No. 4616.

In a decision rendered September 29, 1948 (171 Ms. Dec. 7, 79 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the petition of Junior Guild Frocks, Inc., of Chicago, Ill., to cancel the registration of Page & Dixon Drug Co., Inc. (William Semco, assignee, substituted), of Chicago, Ill., disclosing the words "Junior Guild," for cold cream, lipstick, cologne, rouge, face powder, skin lotion. Petitioner relied upon its ownership and prior use of "Junior Guild" as a trade-mark for women's clothing, and further alleged that respondent was not entitled to use of the mark because of the relationship existing between petitioner and respondent with respect to petitioner's preparations for the merchandising of cosmetics under that name.

As to two additional grounds set up by amendment of the petition, to the effect that the application for registration of the mark sought to be canceled was a fraudulent nullity because the applicant named therein had never sold any merchandise identifying it as the owner of the mark, and because respondent had never used the mark, it was held that the Examiner's action in holding that neither of these grounds was sufficient to justify cancellation is considered to be correct.

It was held that it seems apparent that a customer seeing "Junior Guild" dresses featured in a retail establishment and also seeing a bottle of "Junior Guild" cologne in the same establishment might associate it with the dresses and be confused into believing it came from the same source.

While under ordinary circumstances it would be held that clothing and cosmetics were goods having different descriptive properties, in this case respondent adopted the mark with full knowledge of the existence of good-will associated with Junior Guild's mark as applied to women's clothing, and of the fact that cosmetics were frequently merchandised by dress manufacturers through the same outlets and in connection with their sales of clothing, so that it can only be concluded that in adopting this mark with knowledge of this situation respondent as well as petitioner regarded the products as essentially falling within the same class and accordingly as goods of the same descriptive properties.

After noting that the Examiner of Trade-Mark Interferences regarded the goods of the parties as dissimilar but held that respondent is estopped to assert a right to the exclusive use of the mark as against petitioner, agreement was expressed with the conclusion reached by the Examiner of Interferences that respondent was not entitled to the use of the mark at the date of the application for registration therefore, and that his registration thereof should be canceled, although it was noted that while the conclusion above reached that the goods possess the same descriptive properties, and that there is reasonable likelihood of confusion between these parties may be, in effect, a finding that respondent was estopped to deny that the goods were the same under section 19 of the Trade-Mark Act of 1946, nevertheless, it is not necessary to base such conclusion on such a theory, and it has not been so considered.

The Assistant Commissioner, after noting that both parties refer to the lapse of time between the discussions between the parties to this proceeding and the time when Junior Guild actually started to manufacture cosmetics, respondent contending that such delay should constitute an estoppel against petitioner and petitioner contending that it was caused by wartime conditions, stated that he failed to see how it can have any bearing on this matter.

TRADE-MARKS

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[VOL. 615. NO. 4]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 497,572. SHARPLES CHEMICALS INC., Philadelphia, Pa. Filed Mar. 2, 1946.

HYDRAMINE

FOR SYNTHETIC RESINS, FOR GENERAL USE IN THE INDUSTRIAL ARTS.
Claims use since July 17, 1945.

Ser. No. 515,200. FRANKLIN E. SMITH, South Dartmouth, Mass. Filed Jan. 2, 1947.

FESLIN

FOR FLAX FIBER.
Claims use since May 1945.

CLASS 2

RECEPTACLES

Ser. No. 514,250. CENTURY BURIAL VAULT CO., San Francisco, Calif. Filed Dec. 14, 1946.

CENTURY

FOR BURIAL VAULTS.
Claims use since Aug. 10, 1946.

Ser. No. 524,884. NORTON LABORATORIES INC., Lockport, N. Y. Filed June 26, 1947.

NOCLOR

FOR BOXES MADE OF MOLDED PLASTIC MATERIALS — NAMELY, JEWELRY BOXES, COMPACT BOXES, ROUGE BOXES, TALCUM POWDER BOXES, CREAM JARS, SALT SHAKERS, AND THE LIKE SOLD EMPTY TO THE TRADE.
Claims use since 1928.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 501,780. STAR CHEMICAL COMPANY, San Antonio, Tex. Filed May 9, 1946.

Starco

FOR WINDOW CLEANING COMPOUNDS AND TOILET BOWL CLEANING COMPOUNDS.
Claims use since 1931.

Ser. No. 515,517. SANA-SCENT COMPANY, Newburgh, N. Y. Filed Jan. 9, 1947.

SANA SCENT

No claim is made to the word "Scent" apart from the mark.
FOR CLEANSER AND DETERGENT HAVING INCIDENTAL PROPERTIES AS A WATER SOFTENING COMPOUND.
Claims use since Aug. 24, 1930.

Ser. No. 523,630. ERNEST E. VAN ALLSBURG, doing business as Van Chemical Company, Detroit, Mich. Filed June 5, 1947.

BRITEX

FOR SOAP, CLEANING COMPOUNDS FOR FABRICS, AND COMPOUNDS FOR REMOVING STAINS FROM FABRICS.
Claims use since Mar. 22, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 506,703. TAD CHEMICAL CO., Rochester, N. Y. Filed Aug. 1, 1946.

San-Can

Applicant disclaims any right to the exclusive use of letters "Can."
FOR CHEMICAL PREPARATIONS PARTICULARLY CHEMICALS FOR THE DESTRUCTION OF GARBAGE ODORS AND INSECTS.
Claims use since July 17, 1946.

Ser. No. 506,739. KAY DAUMIT, INC., Chicago, Ill., assignor to Kathryn, Inc., Chicago, Ill., a corporation of Illinois. Filed Aug. 2, 1946.

WILD AZALEA

The word "Azalea" is disclaimed apart from the mark.
FOR COLOGNE.
Claims use since July 24, 1945.

Ser. No. 510,077. CHARLES E. FREEMAN, doing business as F. B. Mfg. Co., Jacksonville, Fla. Filed Oct. 2, 1946.

FUNG-I-SOL

The term "Fung-I" is disclaimed apart from the mark as shown.
FOR MEDICINAL PREPARATION USED IN THE TREATMENT OF ATHLETE'S FOOT, RINGWORM, ITCHING DISCOMFORTS OF TETTER, IMPETIGO, HAND ITCH, SKIN IRRITATIONS AND FUNGUS INFECTIONS, AND INSECT BITES.
Claims use since Feb. 1, 1934.

Ser. No. 511,337. LINCOLN LABORATORIES, INCORPORATED, Decatur, Ill. Filed Oct. 23, 1946.

Aqueous Suspension of Androlin

No claim being made to the words "Aqueous Suspension of" apart from the mark shown.
FOR PREPARATION SOLD ONLY ON A PHYSICIAN'S PRESCRIPTION AND ADMINISTERED BY INTRA-MUSCULAR INJECTION, FOR THE TREATMENT OF PRIMARY EUNUCHOIDISM, BILATERAL INTRA-ABDOMINAL CRYPTORCHIDISM NOT RESPONDING TO CHORIONIC GONADOTROPIN, FROECHLICH'S SYNDROME ASSOCIATED WITH CRYPTORCHIDISM, PITUITARY DWARFISM, MALE CLIMACTERIC, IMPOTENCE FROM GLANDULAR CAUSES. CUSHING'S SYNDROME, ADDISON'S DISEASE, HYPO-PITUITARISM WITH SECONDARY HYPO-GONADISM IN OLD MEN.
Claims use since Mar. 17, 1944.

Ser. No. 511,339. LINCOLN LABORATORIES, INCORPORATED, Decatur, Ill. Filed Oct. 23, 1946.

Androlin

FOR MEDICINAL PREPARATION SOLD ONLY ON A PHYSICIAN'S PRESCRIPTION AND ADMINISTERED BY INTRA-MUSCULAR INJECTION FOR THE TREATMENT OF PRIMARY EUNUCHOIDISM, BILATERAL INTRA-ABDOMINAL CRYPTORCHIDISM NOT RESPONDING TO CHORIONIC GONADOTROPIN, FROECHLICH'S SYNDROME ASSOCIATED WITH CRYPTORCHIDISM, PITUITARY DWARFISM, MALE CLIMACTERIC, IMPOTENCE FROM GLANDULAR CAUSES, CUSHING'S SYNDROME, ADDISON'S DISEASE, AND HYPO-PITUITARISM WITH SECONDARY HYPO-GONADISM IN OLD MEN.
Claims use since Mar. 17, 1944.

Ser. No. 512,011. MCKINLEY LITHO SUPPLY COMPANY INC., Cincinnati, Ohio. Filed Nov. 4, 1946.

Kinlith

FOR LITHOGRAPHIC SUPPLY PRODUCTS—NAMELY, AN ALBUMEN PLATE COATING OR ALBUMEN IN SOLUTION, USED FOR COATING LITHOGRAPHIC SURFACE PLATES AND DEEP ETCHED PLATES; A PREPARATION FOR SENSITIZING THE ALBUMEN IN COATING SOLUTIONS OR SIMILAR PREPARATIONS, FOR RENDERING SAME LIGHT SENSITIVE IN A PHOTOGRAPHIC SENSE; A SOLUTION USED TO DESENSITIZE PLATES, HAVING THE PROPERTY OF REDUCING AFFINITY FOR GREASE; DEEP ETCH PRODUCTS; COMPRISING SENSITIZERS, DEVELOPERS AND ETCHING SOLUTIONS USED IN CARRYING OUT THE ACCEPTED STEPS IN THE PROCESS OF MAKING A DEEP ETCHED PLATE USED FOR PRINTING AND/OR LITHOGRAPHY; A MIXTURE COMPRISING SULPHUR AND SOAPSTONE USED FOR DUSTING AND DRYING BLANKETS USED IN PRINTING AND LITHOGRAPHY.
Claims use since June 10, 1936.

Ser. No. 512,287. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed Nov. 8, 1946.

Jewelite

FOR SHAMPOO.
Claims use since Apr. 5, 1940.

Ser. No. 515,008. WITCO CHEMICAL COMPANY, Chicago, Ill. Filed Dec. 28, 1946.

ZINSPER

FOR ZINC SOAP CONSISTING OF ZINC OXIDE AND RESIN AND FATTY ACIDS, USED AS A DISPERSING AND ACTIVATING AGENT FOR NATURAL AND SYNTHETIC RUBBER FORMULATIONS.
Claims use since March 1945.

Ser. No. 517,351. HIJOS DE N. LOPEZ CARO, Barcelona, Spain. Filed Feb. 12, 1947.



The words "Lopez Caro" and the outline of the label are disclaimed. The expression "La Carmela" is fanciful.
FOR PERFUMES AND HAIR DYE.
Claims use since 1924.

Ser. No. 524,944. HAROLD C. BLANKENBILLER, doing business as American Distilling & Manufacturing Co., East Hampton, Conn. Filed June 27, 1947.

Rayid

FOR WITCH HAZEL N. F.
Claims use since May 2, 1947.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 519,353. SUN CHEMICAL CORPORATION, New York, N. Y. Filed Mar. 20, 1947.

P. D. Q.

FOR PRINTING INK.
Claims use since Oct. 18, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 513,064. WESTERN FIRE PROTECTION, INC., Los Angeles, Calif. Filed Nov. 22, 1946.

FIREMASTER

FOR FIRE FIGHTING EQUIPMENT—NAMELY, NOZZLES, COUPLINGS, FOG-APPLICATORS, FOG-NOZZLES, AND FOG-HEADS.
Claims use since Jan. 10, 1936.

Ser. No. 513,825. H. L. JUDD COMPANY, Wallingford, Conn. Filed Dec. 6, 1946.

KADMILITE

FOR HARDWARE—NAMELY, SCREW HOOKS AND SCREW EYES OF CADMIUM-PLATE FINISH, AS FOR HOUSEHOLD USE.
Claims use since Aug. 18, 1946.

Ser. No. 514,337. RICHARD J. FUITE, San Francisco, Calif. Filed Dec. 15, 1946.

PANELDUCT

FOR STEEL AND COPPER TUBING.
Claims use since Nov. 15, 1946.

CLASS 14

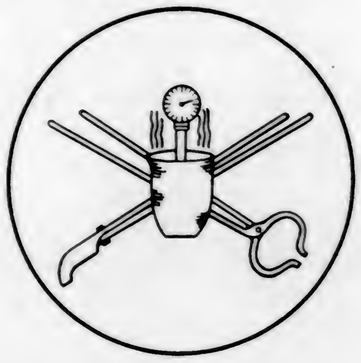
METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 500,484. NATIONAL CAST PRODUCTS COMPANY, Providence, R. I., assignor to National Cast Products Company, Inc., Providence, R. I., a corporation of Rhode Island. Filed Apr. 18, 1946.

NATIONAL CAST PRODUCTS

The words "Cast Products" are disclaimed apart from the mark.
FOR UNFINISHED OR PARTLY FINISHED PRECISION CASTINGS FOR JEWELERS, SILVERSMITHS, AND MODEL MAKERS.
Claims use since Mar. 15, 1946.

Ser. No. 500,555. NATIONAL CAST PRODUCTS COMPANY, Providence, R. I., assignor to National Cast Products Company, Inc., Providence, R. I., a corporation of Rhode Island. Filed Apr. 19, 1946.



FOR UNFINISHED CASTINGS OF PRECIOUS AND NON-PRECIOUS METALS.
Claims use since Mar. 15, 1946.

CLASS 15

OILS AND GREASES

Ser. No. 521,295. SUN OIL COMPANY, Philadelphia, Pa. Filed Apr. 24, 1947.

CIRCO

FOR LUBRICATING OIL.
Claims use since October 1924.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 516,393. JAMES H. H. BRADFORD, doing business as The Howe Company, Branford, Conn. Filed Jan. 27, 1947.

KEEPKAN

FOR LIQUID CLEANER FOR PAINT BRUSHES.
Claims use since Feb. 10, 1941.

Ser. No. 517,958. CALRESIN CORPORATION, Culver City, Calif. Filed Feb. 24, 1947.

PLASTIGLAZE

FOR TRANSPARENT, AIR DRYING, IMPREGNATING PLASTIC COATING COMPOSITION FOR USE AS A SURFACE FINISH FOR SUCH SURFACES AS PLASTIC, WOOD, CARDBOARD, AND VARIOUS COMPOSITION BOARDS.
Claims use since Dec. 27, 1945.

CLASS 17

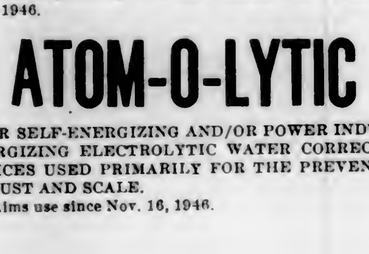
TOBACCO PRODUCTS

Ser. No. 511,438. AMB-A-TIP CIGAR COMPANY, Baltimore, Md. Filed Oct. 25, 1946.

EARL MARSHAL

FOR CIGARS.
Claims use since 1917.

Ser. No. 525,624. P. LORILLARD COMPANY, New York, N. Y. Filed July 2, 1947.



The trade-mark consists of the portrait of the late James G. Blaine.
FOR CIGARS.
Claims use since 1897.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 497,900. UNITED-CARR FASTENER CORPORATION, Cambridge, Mass. Filed Mar. 8, 1946.

THE DOT LINE

The word "Line" is disclaimed apart from the mark.
FOR VARIOUS COMPONENT PARTS OF ELECTRICAL AND RADIO APPARATUS—NAMELY, LAMP SOCKETS, TUBE SOCKETS, SPACER SLEEVES, GROUNDING BUSHINGS, VIBRATOR CLIPS, GROUNDING CUPS, SHOCKPROOF MOUNTING CUPS, TERMINALS, CONNECTORS, TERMINAL STRIPS AND CONNECTORS, SWITCHES, WIRING CLIPS, CONDUCTOR HARNESS AND HARNESS CLIPS, FUSE MOUNTINGS, TERMINAL PLUGS, CONNECTOR PLUGS, PLUG BUTTONS, MOUNTING CLIPS AND LUGS FOR SHIELD CANS, CONDENSERS, RESISTORS, COILS AND OTHER CIRCUIT COMPONENTS, AND PANEL FASTENERS.
Claims use since May 13, 1913.

Ser. No. 514,518. EDGAR M. BUTLER, doing business as Butler Engineering Co., New Orleans, La. Filed Dec. 19, 1946.

ATOM-O-LYTIC

FOR SELF-ENERGIZING AND/OR POWER INDUCED ENERGIZING ELECTROLYTIC WATER CORRECTION DEVICES USED PRIMARILY FOR THE PREVENTION OF RUST AND SCALE.
Claims use since Nov. 16, 1946.

Ser. No. 525,850. ILLINOIS CONDENSER CO., Chicago, Ill. Filed July 3, 1947.

"ILLINI-HYCAP"

FOR ELECTRICAL CONDENSERS.
Claims use since April 1937.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 508,404. AMERICAN METALCRAFT CORPORATION, Detroit, Mich. Filed Sept. 3, 1946.



No claim is made to the words "Detroit" and "American Metalcraft Corp." apart from the mark as shown.
FOR WHEELED TOY VEHICLES—NAMELY, WAGONS AND SCOOTERS.
Claims use since Mar. 10, 1946.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 507,314. EDWARD J. HERBERT, doing business as Edroy Products Company, New York, N. Y. Filed Aug. 13, 1946.

REFLECTOGRAPH

FOR CAMERA ATTACHMENTS WHICH PRODUCE AN ARTIFICIAL REFLECTION IN THE IMAGE.
Claims use since Feb. 19, 1946.

Ser. No. 519,107. UNIVERSAL CAMERA CORPORATION, New York, N. Y. Filed Mar. 15, 1947.

Tonemaster

FOR 8 MM. AND 16 MM. SOUND MOTION PICTURE PROJECTORS FOR BUSINESS, SCHOOL, AND HOME USE.
Claims use since Oct. 15, 1946.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 513,199. PAKULA AND COMPANY, Chicago, Ill. Filed Nov. 25, 1946.



FOR JEWELRY FOR PERSONAL WEAR—NAMELY, EXPANSION, CHARM, IDENTIFICATION AND WATCH BRACELETS, ANKLETS, CHARMS, FINGER RINGS, ORNAMENTAL PINS, EARRINGS, LOCKETS, NECK CHAINS, PEARLS, AND ROSARIES AND COMPACTS MADE WHOLLY OR IN PART OF PRECIOUS METAL.
Claims use since January 1941.

Ser. No. 514,202. JACQUES KREISLER MANUFACTURING CORPORATION, North Bergen, N. J. Filed Dec. 13, 1946.

Sir-name

Applicant hereby disclaims the exclusive right to the use of the word "Name" except as used in association with the other features of the mark.
FOR KEY CHAINS MADE OF PRECIOUS OR COMBINATION OF PRECIOUS AND BASE METAL.
Claims use since Nov. 22, 1946.

Ser. No. 516,538. JOHN M. CROWNOVER, Tulsa, Okla. Filed Jan. 29, 1947.

Colornapin

FOR CLASPS OR PINS OF PRECIOUS METAL SUCH AS SILVER, GOLD, OR PLATINUM, AND ADAPTED FOR SECURING SHIRT COLLARS.
Claims use since Nov. 1, 1946.

Ser. No. 518,576. E. S. WINSTAN CO., New York, N. Y. Filed Mar. 5, 1947.

WINSTAN
Birthstone-Cross

No claim is made to the words "Birthstone-Cross" apart from the mark shown on the drawing.
FOR NECKLACES AND RELIGIOUS ORNAMENTS FOR THE SAME, ALL MADE OF PRECIOUS METALS.
Claims use since Dec. 16, 1946.

Ser. No. 519,232. STAR JEWELRY CO., INC., New York, N. Y. Filed Mar. 18, 1947.

Starjule

FOR COSTUME JEWELRY—NAMELY, NECKLACES, BRACELETS, BROOCHES, EARRINGS, CHATELAINES, CLIPS, LOCKETS, AND PEARL BEADS.
Claims use since June 15, 1946.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 487,244. COLUMBIA PRODUCTS CORPORATION, Brooklyn, N. Y. Filed Aug. 18, 1945.

Piccadilly

FOR POWDER PUFFS.
Claims use since Aug. 7, 1945.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 514,237. WILSON-JONES COMPANY, Chicago, Ill. Filed Dec. 13, 1946.

RECORD KEEPING WJ ESSENTIALS WILSON JONES

The words "Wilson Jones Record Keeping Essentials" are disclaimed apart from the mark.
FOR MACHINE POSTING TRAYS, RACKS, STANDS, AND FILING CABINETS.
Claims use since July 9, 1946.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 512,235. BULLET RECORDING & TRANSCRIPTION CO. INC., Nashville, Tenn. Filed Nov. 8, 1946.

Bullet
ALWAYS A SMASH HIT

No exclusive claim is made to the phrase "Always a Smash Hit" apart from the mark as shown in the drawing.
FOR GROOVED PHONOGRAPH RECORDS.
Claims use since Dec. 28, 1945.

Ser. No. 521,530. SEVA RECORD CORPORATION, New York, N. Y. Filed Apr. 29, 1947.

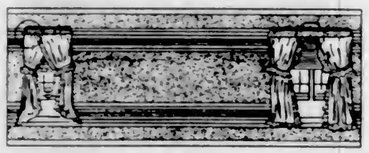
Seva

FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS.
Claims use since January 1940.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 516,465. THE AVON CURTAIN CORPORATION, Fall River, Mass. Filed Jan. 28, 1947.



The representation of the goods, namely, the curtains in the drawing, is disclaimed apart from the features of the mark.
FOR WINDOW CURTAINS.
Claims use since July 6, 1945.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 494,630. POPPER & KLEIN, INC., also doing business under the name PerfeKtum Products Co., New York, N. Y. Filed Jan. 11, 1946.

PerfeKtum

FOR HYPODERMIC SYRINGES, HYPODERMIC NEEDLES, HYPODERMIC SYRINGE FILTERS, MICROSCOPIC COVERGLASSES, MICROSCOPIC SLIDES, TALLQUIST'S HAEMOGLOBIN SCALES, SURGEONS' GLOVES, FINGER COTS FOR MEDICAL AND SURGICAL USE, AMPOULE FILES, BLOOD PIPETTES, HAEMOMETER PIPETTES, CLINICAL THERMOMETERS, WOUND CLIPS, GLASS BEADS FOR DENTAL, MEDICAL, AND SURGICAL USE, CLINICAL THERMOMETER CASES, SILVER NITRATE APPLICATORS, CRUTCH PADS, CRUTCH TIPS, RUBBER INVALID CUSHIONS, CRUTCH HAND GRIPS.
Claims use since 1925.

Ser. No. 519,834. NEIL F. SAUNDERS, Detroit, Mich. Filed Mar. 29, 1947.

PAMAC

FOR ELECTRO-THERAPY APPARATUS AND PARTS THEREOF.
Claims use since Aug. 12, 1946.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 507,166. WALLACE & CO., Brooklyn, N. Y. Filed Aug. 9, 1946.

CORONET

FOR CHOCOLATES.
Claims use since September 1939.

Ser. No. 510,117. THE SHOTWELL MFG. CO., Chicago, Ill. Filed Oct. 2, 1946.

"Shur-Mac"

Applicant owns registration No. 403,071.
FOR CANDY BARS.
Claims use since July 15, 1946.

Ser. No. 513,902. RUTHERFORD FOOD CORPORATION, Kansas City, Mo. Filed Dec. 7, 1946.



The representation of the man is fanciful.
FOR CANNED FOODS—NAMELY, CHILI-CON-CARNE WITHOUT BEANS, CHILI-CON-CARNE WITH BEANS, TAMALES WITH GRAVY AND CHILI POWDER.
Claims use since Nov. 5, 1946.

Ser. No. 520,775. R. W. TRENERRY, doing business as Trenerry's Bakery, Yakima, Wash. Filed Apr. 15, 1947.

Mom's

FOR BAKERY PRODUCTS—NAMELY, BREAD.
Claims use since Mar. 15, 1946.

Ser. No. 521,368. STAHL-MEYER, INC., New York, N. Y. Filed Apr. 25, 1947. Under 10-year proviso.

FERRIS

Applicant is owner of registrations Nos. 309,157 and 311,897.
FOR SMOKED AND PICKLED MEATS—VIZ., HICKORY SMOKED BACON, HICKORK SMOKED PORK SHOULDER BUTTS, HICKORY SMOKED BEEF TONGUES, HICKORY SMOKED PICNICS (PORK SHOULDER), HAM, BACON AND PORK SAUSAGE.
Claims use since July 1864.

Ser. No. 524,426. RICHARD SPRANZO, doing business as Beeflet Sandwich Shop, Chicago, Ill. Filed June 18, 1947.

BEEFLET

FOR MEAT SANDWICHES.
Claims use since May 12, 1947.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 516,106. OLGA MARTHA SIMON, Zurich, Switzerland. Filed Jan. 20, 1947.

OSIMO

FOR HAIR SHAMPOOING BOARDS.
Claims use since Aug. 31, 1944.

Ser. No. 521,596. MUNDET CORK CORPORATION, Brooklyn, N. Y. Filed Apr. 30, 1947. Under section 5b of the act of 1905 as amended in 1920.

MUNDET

Applicant is the owner of registration No. 417,415 effected on the ground of actual and exclusive under the ten-year proviso.
FOR CONTAINER CROWN CLOSURES MADE OF METAL AND PLASTIC AND THREADED, AND FRICTIONAL RECEPTACLE CLOSURES OF METAL, WOOD, AND PLASTIC.
Claims use since 1897.

Ser. No. 523,675. JAQUES MANUFACTURING COMPANY, Chicago, Ill. Filed June 6, 1947.

KC

FOR METAL CAPS AND METAL LIDS FOR GLASS JARS.
Claims use since May 12, 1947.

Ser. No. 523,676. JAQUES MANUFACTURING COMPANY, Chicago, Ill. Filed June 6, 1947.

KC

SAFE SEAL

No claim is made to the words "Safe Seal" apart from the mark.
FOR METAL CAPS AND METAL LIDS FOR GLASS.
Claims use since May 12, 1947.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.

As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 522,499. NORTHRUP, KING & CO., Minneapolis, Minn., and Berkeley, Calif. Filed Aug. 29, 1947.

NK & CO
GOLF BRAND

The word "Brand" and the term "& Co." are disclaimed apart from the mark. Applicant claims ownership of registration No. 235,374.
FOR GRASS SEEDS.
Claims use since Jan. 1, 1924.

Ser. No. 527,622. TERMINAL GRAIN COMPANY, Fort Worth, Tex. Filed July 5, 1947.

BLUE-TAG

The representation of the tags colored blue is disclaimed apart from the mark as shown. The drawing is lined to indicate the color blue. Applicant claims ownership of registration No. 393,856.
FOR SEED GRAINS—NAMELY, WHEAT, OATS, BARLEY, CORN, RYE, MAIZE, SORGHUM, SUDAN GRASS, AND OTHER GRASS SEEDS.
Claims use since May 13, 1916.

Ser. No. 529,799. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 28, 1947.

ORACLON

FOR SYNTHETIC RESINS IN THE FORM OF POWDERS, GRANULES, EMULSIONS, AND SOLUTIONS, FOR GENERAL USE IN THE INDUSTRIAL ARTS.
Claims use since June 10, 1947.

Ser. No. 538,568. THE STANFORD SEED COMPANY, INC., Buffalo, N. Y. Filed Oct. 21, 1947.

LIBERTY

Applicant claims ownership of registration No. 134,820.
FOR SEEDS—NAMELY, TIMOTHY, CLOVER, ALSIKE, ALFALFA, REDTOP, BLUEGRASSES, RAPE, VETCHES, AMBER CANE, PEAS, BEANS, MILLETS, POPCORN, GRASS SEEDS, SEED CORN, AND SEED GRAINS.
Claims use since August 1912.

Ser. No. 541,749. VINTON COAL & COKE COMPANY, Vintondale, Pa. Filed Oct. 20, 1947. Under section 2f of the act of 1946.

VINTON

Applicant claims ownership of registration No. 201,368.
FOR COAL AND COKE.
Claims use since July 1, 1899.

Ser. No. 543,406. S. M. ARNOLD, INC., St. Louis, Mo. Filed Dec. 5, 1947.

SEAMADE

FOR SPONGES.
Claims use since Oct. 10, 1938.

Ser. No. 543,575. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Dec. 6, 1947.

ELVACET

FOR POLYMERIZED VINYL ESTER OR ESTERS FOR GENERALIZED USE IN THE INDUSTRIAL ARTS.
Claims use since Mar. 29, 1945.

Ser. No. 543,576. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Dec. 6, 1947.

ELVANOL

FOR VINYL POLYMER BEING IN THE NATURE OF POLYVINYL ALCOHOLS AND PARTIALLY ESTERIFIED POLYVINYL ALCOHOLS, FOR GENERALIZED USE IN THE INDUSTRIAL ARTS.
Claims use since Apr. 2, 1945.

Ser. No. 543,660. SHAWINIGAN PRODUCTS CORPORATION, New York, N. Y. Filed Dec. 6, 1947.

SOLVA

FOR POLYVINYL ACETATE RESINS.
Claims use since June 24, 1940.

Ser. No. 543,977. NEWPORT INDUSTRIES, INC., Pensacola, Fla. Filed Dec. 10, 1947.

NEWPORT

Applicant claims ownership of registration No. 265,625.
FOR ROSIN.
Claims use since September 1916.

CLASS 2

RECEPTACLES

Ser. No. 532,065. SPEAR BOX COMPANY INCORPORATED, New York, N. Y. Filed Aug. 21, 1947.

PAPER BOXES; FOLDING BOXES OF CHIPBOARD, CARDBOARD, AND CORRUGATED BOXES.
Claims use since November 1922.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 518,969. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed Aug. 8, 1947. Under section 2f of the act of 1946.

Peter Bain

The mark is the name of a particular individual, now deceased, written in the form of a facsimile signature. Applicant claims ownership of registration No. 190,306.
FOR WALLETS, BILL-FOLDS, KEY CONTAINERS, CARD HOLDERS, POCKETBOOKS, AND TRAVEL CASES.
Claims use since April 1923.

Ser. No. 518,973. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed Aug. 8, 1947. Under section 2f of the act of 1946.

Peter Bain by PIONEER

The term "Peter Bain" forming a part of the present mark is the name of a particular individual, now deceased, written in the form of a facsimile signature. Applicant claims ownership of registrations Nos. 52,371, 113,425, 119,771, 178,780, 190,306, 318,189, 353,797, and 384,564.
FOR WALLETS, BILL-FOLDS, KEY CONTAINERS, CARD HOLDERS, POCKETBOOKS, AND TRAVEL CASES.
Claims use since April 1923 as to "Peter Bain"; and since Feb. 20, 1947, as to the complete mark.

Ser. No. 526,547. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed July 5, 1947. Under section 2f of the act of 1946.

PETER BAIN

The trade-mark is the name of a particular individual, now deceased. Applicant claims ownership of registration No. 190,306.

FOR WALLETS, BILL-FOLDS, KEY CONTAINERS, CARD HOLDERS, POCKETBOOKS, AND TRAVEL CASES.

Claims use since April 1923.

Ser. No: 549,956. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948.

NIGHT-FLIGHT

Applicant claims ownership of registration No. 360,569.

FOR MEN'S HAND LUGGAGE—NAMELY, WARDROBE CASES, OVERNIGHT CASES, AND HARDSIDE CASES.

Claims use since Feb. 15, 1938.

Ser. No. 549,957. OSHKOSH TRUNKS AND LUGGAGE, Oshkosh, Wis. Filed Feb. 17, 1948.

PIONEER

Applicant claims ownership of registration No. 366,180.

FOR TRUNKS—WARDROBE, TAXI, STEAMER, AND DRESS TRUNKS; HAND LUGGAGE—OVERNIGHTS, PULLMANS, HAT AND SHOE CASES, TRAY CASES, WARDROBES, AND OVERSEAS CASES.

Claims use on trunks and hand luggage (except overseas cases) since Mar. 31, 1938; on overseas cases since August 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 499,972. GOOD HOUSEKEEPER APPLIANCES INC., Cleveland, Ohio, assignee of United Vacuum Cleaner Stores, Inc. Filed Dec. 24, 1947.

RUX

FOR RUG AND CARPET CLEANING COMPOUNDS.

Claims use since January 1945.

Ser. No. 529,370. DIF CORPORATION, Garwood, N. J. Filed July 24, 1947.

DIF

Applicant claims ownership of registrations Nos. 159,131, 196,719, and 308,739.

FOR HAND CLEANER, A CHEMICAL ABRASIVE COMPOUND USED IN ASSOCIATION WITH WATER FOR THE PURPOSE OF HAND CLEANING AND HOUSEHOLD SCOURING; AND LIQUID POLISH, A CHEMICAL COMPOUND FOR THE PURPOSE OF CLEANING AND POLISHING ALL METALS, SLIVERWARE, WINDOWS, GLASSWARE, PORCELAIN, MARBLE OR TILE.

Claims use since February 1928.

Ser. No. 533,391. RAYBESTOS-MANHATTAN, INC., Passaic, N. J. Filed Sept. 4, 1947. Under section 2f of the act of 1946.

MANHATTAN

FOR ABRASIVE WHEELS.

Claims use since January 1894.

Ser. No. 537,684. SALOMON FRERES, SOCIETE A RESPONSABILITE LIMITEE, Pantin, (Seine), France. Filed Oct. 13, 1947.

VALOY

Applicant claims ownership of French registration No. 342,999.

FOR SOAPS.

Ser. No. 542,014. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Nov. 22, 1947.

DIVOBRITE

FOR CHEMICAL PREPARATION IN POWDERED FORM, FOR BOTTLE WASHING AND FOOD MACHINERY CLEANING.

Claims use since Nov. 10, 1947.

Ser. No. 545,741. THE HEWITT SOAP COMPANY, INC., Dayton, Ohio. Filed Dec. 30, 1947. Under section 2f of the act of 1946.

Hewitt

FOR A SUDSING CLEANER, CLEANSER AND DETERGENT.

Claims use since Apr. 24, 1907.

Ser. No. 547,405. CONTI PRODUCTS CORPORATION, Brooklyn, N. Y. Filed Oct. 2, 1947. Under section 2f of the act of 1946.

Conti

Applicant claims ownership of registrations Nos. 200,914, 276,709, 282,973, 406,830, 341,107, 406,498, and 406,645.

FOR SOAP.

Claims use since April 1937.

Ser. No. 549,827. MURPHY LABORATORIES, INC., Clifton Heights, Pa. Filed Feb. 16, 1948.

EVERGREEN

Applicant claims ownership of registration No. 429,636.

FOR SOAP.

Claims use since Apr. 15, 1944.

Ser. No. 560,906. LES PARFUMS DE DANA, INC., New York, N. Y. Filed July 8, 1948.

BOIS DE BOULOGNE

FOR TOILET SOAPS.

Claims use since May 24, 1948.

CLASS 5

ADHESIVES

Ser. No. 530,612. WORTENDYKE MANUFACTURING CO., Richmond, Va. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

EVERSTIK

Applicant claims ownership of registration No. 239,704.

FOR GUMMED SEALING TAPE.

Claims use since December 1921.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 500,826. RHODES PHARMACAL CO., INC., Cleveland, Ohio. Filed Jan. 17, 1948.

TRAMONE

FOR PREPARATION CONTAINING VITAMIN B_1, TRICALCIUM PHOSPHATE, CALCIUM GLYCEROPHOSPHATE, FERRIC HYPOPHOSPHATE, AND LECITHIN.

Claims use since Mar. 8, 1946.

Ser. No. 508,542. MOORMAN MANUFACTURING COMPANY, Quincy, Ill. Filed Oct. 7, 1947.

Pay-U

FOR MINERALS FOR CATTLE, SHEEP, HORSES, HOGS, AND POULTRY, ALSO MINERALS WITH PHENOTHIAZINE ADDED FOR SHEEP, MANGE OIL, PREPARATION FOR USE IN TREATING HOGS FOR WORMS, INSECTICIDES, DISINFECTANT PAINT AND DUSTING POWDER WITH DDT AND FLY SPRAY FOR LIVESTOCK.

Claims use since June 11, 1946.

Ser. No. 510,635. ADCO, INC., Sedalia, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

PerfumaSaltz

FOR PRODUCT FOR DEODORIZING AND PERFUMING INTERIOR SPACES.

Claims use since 1923.

Ser. No. 513,300. DELONEY & COMPANY, INC., Chicago, Ill. Filed Aug. 12, 1947. Under section 2f of the act of 1946.

SKALP

DELONEY'S

KUMFORT

Applicant disclaims any exclusive right to the use of the word "Skalp" except in the relationship and association shown. Applicant claims ownership of registration No. 228,962.

FOR TONIC FOR HAIR AND SCALP.

Claims use since 1940.

Ser. No. 520,499. ESTON CHEMICALS, INC., Los Angeles, Calif. Filed July 5, 1947.

Eston

FOR FUMIGATING COMPOUNDS, REFRIGERANTS, PRESERVING CHEMICALS, PHOTOGRAPHIC CHEMICALS, DISINFECTING CHEMICALS, INSECTICIDES, SOLVENTS, CHEMICALS FOR FIRE EXTINGUISHERS, AND CLEANSING CHEMICALS.

Claims use since Mar. 1, 1946.

Ser. No. 522,739. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Aug. 19, 1947. Under section 2f of the act of 1946.

DIVERSEY

Applicant claims ownership of registrations Nos. 388,267, 394,386, and 393,502.

FOR DISINFECTANT, BACTERICIDE AND DEODORIZER IN SOLID FORM FOR DISINFECTING RECEPTACLES AND CONTAINERS, SCALE AND RUST REMOVER IN LIQUID FORM, COMPOUND TO CONTROL EXCESS FOAMING IN BOTTLE WASHING MACHINES, COMPOUND FOR STERILIZING AND TREATING WATER, COMPOUND IN POWDERED FORM FOR THE PREVENTION OF SCALE IN MILK CANS, MILKING MACHINERY AND THE LIKE, RUST PREVENTATIVE IN LIQUID FORM, ALKALINE IN POWDERED FORM FOR NEUTRALIZING CREAM FOR USE IN MAKING BUTTER AND INSECTICIDE.

Claims use on disinfectant, bactericide and deodorizer in solid form for disinfecting receptacles and containers since Jan. 30, 1926; on scale and rust remover since Jan. 16, 1939; on compound to control excess foaming in bottle washing machines since Dec. 28, 1943; on compound for sterilizing and treating water since Jan. 18, 1944; on compound in powdered form for the prevention of scale in milk cans, milking machinery and the like since Jan. 16, 1939; on rust preventative since Oct. 8, 1943; on alkaline in powdered form for neutralizing cream for use in making butter since Jan. 27, 1931; and on insecticide since Jan. 21, 1947.

Ser. No. 524,283. ANATOLE ROBBINS, INC., doing business as Anatole Robbins, Los Angeles, Calif. Filed Oct. 15, 1947. Under section 2f of the act of 1946.

Anatole Robbins

Anatole Robbins is the name of the president of applicant corporation, and consent is filed herewith.

FOR MAKE-UP PREPARATION FOR THE FACE, ALSO USED AS A POWDER BASE, IN LIQUID AND CREAM FORM, PERFUME, COLOGNE, AFTERSHAVE LOTION, HAIR SHAMPOO, FACIAL OIL, LIQUID FACE MASK, EYE SHADOW, ROUGE, LIPSTICK, FACE POWDER, SKIN FRESHENER, SKIN TONE, LIP ROUGE, NIGHT CREAM, LEG MAKE-UP, HAND LOTION, CLEANSING CREAM, BATH OIL, AND BRILLIANTINE.

Claims use since October 1938.

Ser. No. 527,627. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif. Filed July 5, 1947.



FOR ALPHA TOCOPHEROL ACETATE, AMINOPHYLLINE, ANTERIOR PITUITARY, ASPIRIN, CALCIUM GLUCONATE, CALCIUM LACTATE, CALCIUM LEVULINATE, CALCIUM PANTOTHENATE, CASCARA SAGRADA, DEHYDROCHOLIC ACID, DIETHYLSTILBESTROL, DIGESTIVE ENZYMES, DL-DESOXYEPHEDRINE, EMETINE HYDROCHLORIDE, EPHEDRINE SULPHATE, ESTROGENIC HORMONES, ESTRONE, GOLD CHLORIDE; IRON, LIVER AND VITAMIN PREPARATIONS; IRON SULFATE, MAGNESIUM SULFATE, MAGNESIUM TRISILICATE, MENADIONE, METHAMINE AND SODIUM PHOSPHATE, METHENAMINE, MULTI-VITAMINS, NIACIN, OBSTETRICAL PITUITARY, ORCHIC SUBSTANCE, OVARIAN RESIDUE, OVARIAN SUBSTANCE, PANCREATIN, PENTOBARBITAL SODIUM, PHENOBARBITAL, PROCAINE HYDROCHLORIDE, PYRIDOXINE, PYRIDOXINE HYDROCHLORIDE, QUININE SULFATE, RENAL SUBSTANCE, RUTIN, RIBOFLAVIN, SODIUM BICARBONATE, SODIUM BIPHOSPHATE, SODIUM CACODYLATE, SODIUM CHLORIDE, SODIUM IODIDE, POTASSIUM AND AMMONIUM BROMIDES, SODIUM SALICYLATE, SODIUM THIOSULFATE, SULFADIAZINE, SULFANILAMIDE, SULFATHIAZOLE, SUPRARENAL CORTEX, THEOBROMINE, THEOPHYLINNE, THIAMINE, THYROID EXTRACTS, VITAMIN-B COMPLEX, VITAMIN D, WHOLE PITUITARY AND WHOLE SUPRARENAL.

Claims use since Aug. 1, 1926.

Ser. No. 528,517. SEAJOY COMPANY LIMITED, Putney, London, England. Filed July 12, 1947.

SEAJOY

Applicant claims ownership of British registration No. 406,871, registered Aug. 12, 1920.

FOR MEDICINAL PREPARATION FOR THE PREVENTION OF SEA-SICKNESS.

Ser. No. 530,209. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

Sirocco

Applicant claims ownership of registration No. 379,233.

FOR PERFUMES, COLOGNES, TOILET WATERS, FACE POWDERS, DUSTING POWDERS, BATH POWDERS, TALCUM POWDERS, SACHET POWDERS, LIPSTICKS, ROUGES, AND FOUNDATION MAKE-UP PREPARATIONS.

Claims use since June 29, 1934.

Ser. No. 530,360. ALVA TINSLEY, doing business as Sno White Laboratories, Deemer, Miss. Filed Aug. 4, 1947.

SNO WHITE

FOR LIQUID PREPARATION FOR TREATING ATHLETE'S FOOT CONTAINING MINERAL IRON, ACID SALICYLIC AND ISOPROPYL ALCOHOL.

Claims use since Feb. 1, 1932.

Ser. No. 532,304. HERMAN B. LAYMON, doing business as World's Products Company, Spencer, Ind. Filed Aug. 25, 1947. Under section 2f of the act of 1946.

Laymon's

Applicant claims ownership of registrations Nos. 302,516, 331,107, and 350,615.

FOR ASPIRIN TABLETS, CHOCOLATE COATED LAXATIVE TABLETS; HEADACHE TABLETS; POISONED CANARY SEED FOR KILLING MICE; MEDICATED BANDAGES, MINERAL OIL FOR INTERNAL USE, RED SQUILL COMPOSITION FOR KILLING RATS, VAPOR INHALANT RUBBING COMPOUND, ISOPROPYL ALCOHOL COMPOUND, MILK OF MAGNESIA TABLETS, SASSAFRAS TEA, NAIL POLISH, PEROXIDE OF HYDROGEN SOLUTION, LIQUID LAXATIVE COMPOUND (CASTORIA), COLD TABLETS (CASCARA QUININE), TOOTHACHE SEDATIVE, MENTHOL INHALER, HAND LOTION, HEAD-ACHE POWDERS, ANTISEPTIC MOUTH WASH, SUN TAN OIL, VAPOR INHALANT, IODINE, A LIQUID ANTISEPTIC CONTAINING A MERCURY COMPOUND, CAMPHORATED OIL, LINIMENT, COUNTER IRRITANT, AFTERSHAVE COMPOSITION, CASTOR OIL, SPIRITS OF CAMPHOR, MENTHOLATED COUGH SYRUP, PETROLEUM JELLY, CARBOLATED PETROLEUM JELLY, TURPENTINE FOR INTERNAL MEDICINAL USE, HAIR WAVE SET COMPOSITION, SODA MINT TABLETS, HAIR OIL, LIQUID CORN REMOVER, LIQUID INSECT REPELLANT, BRILLIANTINE, SODIUM ARSENATE ANT KILLER, PERFUME, HEATLESS LIQUID SOLDER COMPOSITION COMPRISING COMMINUTED METAL DISPERSED IN A HIGHLY VOLATILE LIQUID CARRIER LEAVING A PLASTIC SETTING RESIDUE FOR BONDING THE METAL PARTICLES TOGETHER, TALCUM POWDER, FACE POWDER, POWDERED AMMONIUM ALUM, FLOWERS OF SULPHUR, EPSOM SALTS, POWDERED BORIC ACID, ROACH AND ANT POWDER (SODIUM FLUORIDE), POWDERED COMPOUND FOR STOPPING WATER LEAKS, TOOTH POWDER (FREE OF ABRASIVE), CHEWING GUM LAXATIVE, STYPTIC PENCIL, FACE ROUGE, LIP STICK, FINGER NAIL WHITE PENCIL, EYE BROW PENCIL, CHEWING GUM BREATH PURIFIER, SKIN CLEANSING CREAM; DEODORANT FOR SKIN APPLICATION, HAND CREAM, COLD CREAM, VANISHING CREAM, BROMINE EFFERVESCENT COMPOUND, COCONUT OIL HAIR SHAMPOO.

Claims use on aspirin since on or about June 1, 1922; on chewing gum laxative since May 1, 1923; on cascara quinine tablets since May 1, 1920; on sassafras tea since Aug. 1, 1925; on breath sweetener in chewing gum since Mar. 1, 1924; on chocolate coated laxative tablets since July 1, 1933; on headache powders since May 1, 1933; on headache tablets since May 1, 1930; on soda mint tablets since May 1, 1932; on toothache sedative since Mar. 1, 1930; on iodine since July 1, 1932; on styptic pencils since Mar. 1, 1933; on eyebrow pencils since Jan. 1, 1931; on camphor since Dec. 1, 1933; on castor oil since Oct. 1, 1934; on bromine effervescent compound since Aug. 1, 1934; on hair oil since Oct. 1, 1934; on roach and ant powder since Oct. 1, 1934; on vapor inhalant since Sept. 1, 1934; on hair wave set composition since Oct 1, 1934; on red squill compound for killing rats since Oct. 1, 1933; and on all other goods—namely, poisoned canary seed for killing mice, medicated bandages, mineral oil for internal use, vapor inhalant rubbing compound, isopropyl alcohol compound, milk of magnesia tablets, nail polish, peroxide of hydrogen solution, liquid laxative compound, menthol inhaler, hand lotion, antiseptic mouthwash, sun tan oil, liquid antiseptic containing a mercury compound, camphorated oil, liniment, counter irritant, after-shave composition, mentholated cough syrup, petroleum jelly, carbolated petroleum jelly, turpentine for internal medicinal use, hair wave set composition, liquid corn remover, liquid insect repellant, brilliantine, sodium arsenate ant killer, perfume, heatless liquid solder composition, talcum powder, face powder, powdered ammonium alum, flowers of sulphur, epsom salts, powdered boric acid, powdered compound for stopping water leaks, tooth powder (free of abrasive), face rouge, lip stick, finger nail white pencil, skin cleansing cream, deodorant for skin application, hand cream, cold cream, vanishing cream, coconut oil hair shampoo.

Ser. No. 533,423. VICK CHEMICAL COMPANY, New York, N. Y. Filed Sept. 4, 1947.

TACT

Applicant claims ownership of registration No. 356,324.

FOR DEODORANT PREPARATION.

Claims use since June 19, 1947.

Ser. No. 533,495. DOX, INC., New York, N. Y. Filed Aug. 19, 1947.

STA-FIT

FOR LINIMENT.

Claims use since July 23, 1946.

Ser. No. 533,613. PURITAN COMPANY, INCORPORATED, Rochester, N. Y. Filed Sept. 5, 1947.

Super-60

For purposes of this registration applicant hereby disclaims the exclusive right to the word "Super" apart from the mark. Applicant claims ownership of registration No. 305,721.

FOR BRAKE FLUID FOR HYDRAULIC BRAKES AND OTHER HYDRAULIC SYSTEMS WHICH USE A NON-MINERAL OIL BASE FLUID.

Claims use since Aug. 1, 1946.

Ser. No. 534,103. C. E. FULFORD, LIMITED, Leeds, England. Filed Sept. 11, 1947.

BILE BEANS

The word "Bile" is disclaimed apart from the mark as shown. Applicant claims ownership of British registration No. 641,641, dated Nov. 7, 1945.

FOR LAXATIVE MEDICINES.

Ser. No. 534,535. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio. Filed Sept. 15, 1947.



FOR COLOGNE.
Claims use since March 1941.

Ser. No. 535,279. VITAMIN FOOD COMPANY, INC., Newark, N. J. Filed Sept. 22, 1947.

No. 2 GREEN LABEL

Applicant disclaims the use of a label colored green apart from the mark as shown.
FOR DRIED BREWER'S YEAST.
Claims use since Jan. 1, 1930.

Ser. No. 535,280. VITAMIN FOOD COMPANY, INC., Newark, N. J. Filed Sept. 22, 1947.

No. 1 RED LABEL

Applicant hereby disclaims the use of a label colored red apart from the trade-mark as shown.
FOR DRIED BREWER'S YEAST.
Claims use since Jan. 1, 1930.

Ser. No. 535,350. JOHN E. RESPONDEK, doing business as Gloria Fay, Detroit, Mich. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

Gloria Fay

The trade-mark comprises the words "Gloria Fay" a fanciful name. Applicant claims ownership of registration No. 406,998.
FOR HAND LOTIONS OR CREAMS.
Claims use since June 1, 1937.

Ser. No. 535,959. THE HENNAFOAM CO., New York, N. Y. Filed Sept. 27, 1947.

Sattay

FOR SHAMPOO IN CREAM FORM.
Claims use since Sept. 15, 1947.

Ser. No. 540,852. THE NAPIER COMPANY, Meriden, Conn. Filed Nov. 12, 1947. Under section 2f of the act of 1946.

NAPIER

Applicant claims ownership of registrations Nos. 245,879 and 427,224.
FOR TOILET POWDER CAKES, ROUGE, LIPSTICKS, EYEBROW PENCILS, AND PERFUME.
Claims use since Aug. 6, 1925.

Ser. No. 541,259. THE CEDAR HILL FORMULAE CO., New Britain, Conn. Filed Nov. 15, 1947. Under section 2f of the act of 1946.



The words "Crow" and "Repellent" are disclaimed apart from the mark.
FOR LIQUID COMPOSITION FOR TREATING SEED CORN, BEANS, PEAS, ETC., TO PROTECT THEM FROM SEED PULLING BIRDS AND ANIMALS.
Claims use since Oct. 1, 1919.

Ser. No. 541,462. ROBESON PROCESS COMPANY, New York, N. Y. Filed Nov. 17, 1947. Under section 2f of the act of 1946.

SPRUCE EXTRACT

Applicant claims ownership of registration No. 155,352.
FOR LIQUID COMPOSITION OF MATTER EMPLOYED AS A TREATING AND TANNING AGENT IN THE MANUFACTURE OF LEATHER FROM HIDES AND SKINS.
Claims use since Oct. 27, 1914.

Ser. No. 541,957. PACIFIC GUANO COMPANY, Berkeley, Calif. Filed Nov. 21, 1947.

Taps

Applicant claims ownership of registration No. 356,997.
FOR INSECTICIDES.
Claims use since Jan. 1, 1935.

Ser. No. 542,268. HARRIET HUBBARD AYER, INC., New York, N. Y. Filed Nov. 25, 1947. Under section 2f of the act of 1946.

HARRIET HUBBARD AYER

"Harriet Hubbard Ayer" is the name of a cosmetician who died many years ago. Applicant claims ownership of registrations Nos. 71,265 and 165,434.
FOR FACE CREAM, FACE LOTION, FACE POWDER, HAND LOTION, AND NECK LOTION.
Claims use since Oct. 1, 1907.

Ser. No. 544,088. IRWIN, NEISLER & COMPANY, Decatur, Ill. Filed Dec. 11, 1947.

CRYMONASE

FOR TABLET USED IN THE TREATMENT OF PEPTIC ULCERS AND OTHER DISORDERS OF THE GASTRO-INTESTINAL TRACT.
Claims use since Nov. 18, 1947.

Ser. No. 544,742. LAKESIDE LABORATORIES, INC., Milwaukee, Wis. Filed Dec. 18, 1947.

MERCUHYDRIN

FOR MERCURIAL DIURETIC, CONTAINING THE SODIUM SALT OF METHOXYOXIMERCURIPROPYLSUCCINYLUREA WITH THEOPHYLLINE, INDICATED AS A DIURETIC IN THE EDEMA OF CARDIORENAL DISEASE AND OF NEPHROSIS, ASCITES OF LIVER DISEASE, AND OTHER CONDITIONS.
Claims use since Mar. 1, 1943.

Ser. No. 545,038. THERESA V. RIVERS, New York, N. Y. Filed Dec. 20, 1947.

Lady Theresa's

FOR HAIR AND SCALP PREPARATION.
Claims use since Aug. 15, 1947.

Ser. No. 545,173. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Dec. 22, 1947.

KOKANA

FOR COUGH SYRUP.
Claims use since Jan. 1, 1946.

Ser. No. 546,311. MORTON MANUFACTURING CORP., doing business as Snow White Products Co., Lynchburg, Va. Filed Jan. 6, 1948.

LOVE MAGIC

FOR PERFUME.
Claims use since Oct. 27, 1947.

Ser. No. 546,351. A. BRESLAUER EXPORT CORP., New York, N. Y. Filed Jan. 7, 1948.

Contouré

FOR SKIN CREAM, HAND CREAM, CLEANSING CREAM, TISSUE CREAM, FINISHING CREAM, PORE COMPLEXION CREAM, NAIL BALM IN LIQUID FORM, NAIL ENAMEL, NAIL ENAMEL THINNER, NAIL ENAMEL REMOVER, PERFUME, HERBAL OIL, SKIN FRESHENER, FINISHING LOTION, DEODORANT, EAU DE COLOGNE, LIQUID FACE LOTION, HAND LOTION, ROUGE, LIPSTICK, FACE POWDER, DUSTING POWDER, MAKE UP FOUNDATION CONTAINING OIL AND PIGMENT COLORING, MASCARA, EYEBROW PENCIL, AND EYE SHADOW.
Claims use since June 17, 1926.

Ser. No. 547,648. R. J. MORAN CO., Boston, Mass. Filed Jan. 21, 1948. Under section 2f of the act of 1946.

VITACOMP

FOR COD LIVER OIL OINTMENT WITH MEDICINAL GENTIAN.
Claims use since June 1931.

Ser. No. 547,663. SCHENLEY LABORATORIES, INC., New York, N. Y. Filed Jan. 21, 1948.

PELVICINS

FOR PENICILLIN VAGINAL SUPPOSITORIES.
Claims use since Dec. 30, 1947.

Ser. No. 547,861. MAYFAIR INDUSTRIES, INC., Chicago, Ill. Filed Jan. 23, 1948.

Commando

FOR INSECTICIDES.
Claims use since June 12, 1947.

Ser. No. 548,561. FLOYD N. AVERILL, JR., doing business as Santiseptic Company, Portland, Oreg. Filed Feb. 2, 1948.

Santiseptic

Applicant claims ownership of registration No. 72,517.
FOR MOUTH WASH, AND A LOTION FOR THE SKIN.
Claims use since Aug. 29, 1908.

Ser. No. 548,719. DAGGETT & RAMSDELL, New York, N. Y., assignor to Daggett & Ramsdell, Inc., New York, N. Y., a corporation of Delaware. Filed Feb. 4, 1948.

Débutante

Applicant claims ownership of registration No. 297,827.
FOR FACE POWDER; PREPARATIONS FOR TREATING THE SKIN; TOILET, CLEANSING, VANISHING AND COLD CREAMS; BEAUTY LOTION; SKIN FRESHENER; DEODORANT COLOGNE; ROUGE, AND LIPSTICK.
Claims use since January 1913.

Ser. No. 548,786. BOSTWICK LABORATORIES, INC., Bridgeport, Conn. Filed Feb. 5, 1948.

Hep

FOR INSECTICIDES.
Claims use since Jan. 3, 1948.

Ser. No. 549,131. CURLEY COMPANY, INCORPORATED, Philadelphia, Pa. Filed Feb. 9, 1948. Under section 2f of the act of 1946.

NORWOOD

Applicant claims ownership of registration No. 80,683.
FOR TOILET PREPARATIONS—NAMELY, HAIR TONICS, COCOANUT OIL SHAMPOO, HAIR CREAM OIL, ALL PURPOSE LOTION, TRANSPARENT HAIR LACQUER, AFTER SHAVE TALCUM, AFTER SHAVE LOTION, CREAM SHAMPOO, MEN'S COLOGNE, DEODORANT FOR MEN AND LATHER OIL SHAMPOO.
Claims use since June 30, 1888.

Ser. No. 549,203. JOHN H. WOODBURY, INC., Cincinnati, Ohio. Filed Feb. 9, 1948. Under section 2f of the act of 1946.

WOODBURY

Applicant claims ownership of registrations Nos. 68,594, 101,612, 112,426, 305,543, and 305,546.
FOR TALCUM POWDER, DENTAL CREAM, LIPSTICK, ROUGE, COLD CREAM, SHAMPOO, SKIN LOTION, AFTER SHAVE LOTION, DRY SKIN CREAM ALL-PURPOSE BEAUTY CREAM, HAND CREAM, POWDER BASE, CLEANSING CREAM, AND FACIAL CREAM.
Claims use since Jan. 1, 1891.

Ser. No. 549,319. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa. Filed Sept. 23, 1947.

B

Applicant claims ownership of registration No. 80,944.
FOR SILICATE OF SODA.
Claims use since 1870.

Ser. No. 549,973. LOUISE SCOTT, doing business as Luescot Beauty Products, Newark, N. J. Filed Feb. 17, 1948.

Luescot

FOR PRESSING OIL.
Claims use since Jan. 30, 1948.

Ser. No. 550,130. DUSHARME PRODUCTS, INC., Minneapolis, Minn. Filed Feb. 19, 1948.



The portrait is fanciful.
FOR HAIR DRESSINGS.
Claims use since Nov. 14, 1943.

Ser. No. 550,624. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa. Filed Feb. 26, 1948.

ESKATRISUL

FOR SULFONAMIDE PREPARATION.
Claims use since Jan. 30, 1948.

Ser. No. 551,066. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Mar. 2, 1948.

Sidolexin

Applicant claims ownership of registrations Nos. 365,913 and 425,162.
FOR MEDICINAL PREPARATION FOR THE TREATMENT OF NUTRITIONAL DEFICIENCIES AND DISORDERS.
Claims use since Dec. 10, 1947.

Ser. No. 551,124. J. E. MCBRADY & CO., Chicago, Ill. Filed Mar. 3, 1948. Under section 2f of the act of 1946.

McBRADY'S

Applicant claims ownership of registrations Nos. 206,631, 383,265, and 416,445.
FOR BODY DEODORANT, BODY DUSTING POWDER, TALCUM POWDER, SKIN OILS, FACIAL CREAMS, HAND CREAM, SKIN LOTIONS, SKIN BLEACH AND WHITENER, HAIR DRESSING, HAIR POMADE, HAIR DYE, HAIR SHAMPOO, PREPARATION FOR HOT OIL TREATMENT OF THE HAIR, PERFUMED SACHET POWDER, AFTER SHAVE LOTION, DENTAL CREAM, LAXATIVE TABLETS AND COMPOUNDS, DIURETIC PILLS, TABLETS FOR RELIEF FROM MENSTRUAL PAINS, DOUCHE TABLETS, MINERAL OIL FOR MEDICINAL PURPOSES, FOOT SALVE, PREPARATION FOR TREATMENT OF RINGWORM, MUSCULAR PAIN AND ACHE TABLETS AND OINTMENT, STEAM SALVE FOR TREATMENT OF MUSCULAR PAINS AND BRUISES, LINIMEN, ZINC OXIDE OINTMENT, ANTISEPTIC SOLUTION, TABLETS FOR RELIEF FROM GASTRIC HYPERACIDITY, VITAMIN TABLETS AND CAPSULES, SACCHARIN TABLETS, YEAST AND IRON TABLETS, PEPSIN AND CHARCOAL TABLETS, HEAD COLD TABLETS, KELP TABLETS, GARLIC AND PARSLEY TABLETS, MILK OF MAGNESIA TABLETS, ANTACID TABLETS, ASPIRIN TABLETS, IRON CARBONATE TABLETS, YEAST AND VIOSTEROL TABLETS, AND COUGH SYRUP.
Claims use since January 1904.

Ser. No. 551,476. SANBORN HERMANOS, S. A., Mexico City, Mexico. Filed Mar. 8, 1948. Under section 2f of the act of 1946.



The applicant disclaims the word "Mexico" apart from the mark as shown. The circle appearing in the trademark is lined for the color red. Applicant claims ownership of Mexican registrations Nos. 54,121 and 54,128.
FOR THEATRICAL COLD CREAM.
Claims use since Mar. 14, 1938.

Ser. No. 553,578. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Apr. 1, 1948.

CHROMACYL

FOR DYES USED IN THE DYEING OF TEXTILE FIBERS.
Claims use since Nov. 5, 1942.

Ser. No. 553,909. SCHNEFEL BROS. CORPORATION, Newark, N. J. Filed Apr. 5, 1948.

TWINTYPE

by La Cross

Applicant claims ownership of registration No. 287,475.
FOR LIPSTICKS AND NAIL ENAMELS.
Claims use since Feb. 5, 1948.

CLASS 7

CORDAGE

Ser. No. 552,945. CLOVER FARM STORES CORPORATION, Cleveland, Ohio. Filed Mar. 25, 1948.

Foodland

FOR CLOTHES LINES.
Claims use since January 1934.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 518,970. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed Aug. 8, 1947. Under section 2f of the act of 1946.

Peter Bain

The mark is the name of a particular individual, now deceased, written in the form of a facsimile signature.
Applicant claims ownership of registration No. 190,306.
FOR CIGARETTE CASES OF NON-PRECIOUS METAL.
Claims use since April 1923.

Ser. No. 526,546. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed July 5, 1947. Under section 2f of the act of 1946.

PETER BAIN

Applicant claims ownership of registration No. 190,306.
FOR CIGARETTE CASES OF NON-PRECIOUS METAL.
Claims use since April 1923.

Ser. No. 542,765. ILLINOIS WATCH CASE CO., doing business as Elgin American Division of Illinois Watch Case Co., Elgin, Ill. Filed Nov. 29, 1947.

American Beauty

FOR CIGARETTE CASES.
Claims use since Oct. 31, 1947.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 522,186. BETTER BUY WHOLESALE GROCERS, Fresno, Calif. Filed Sept. 23, 1947. Under section 2f of the act of 1946.

Better Buy

FOR MATCHES.
Claims use since Oct. 1, 1937.

Ser. No. 547,307. BALFOUR, GUTHRIE & CO., LIMITED, San Francisco, Calif. Filed Jan. 17, 1948.

"ATTA BOY"

FOR FIRECRACKERS.
Claims use since Apr. 1, 1926.

CLASS 10

FERTILIZERS

Ser. No. 528,414. ARMOUR AND COMPANY, Chicago, Ill. Filed July 12, 1947. Under section 2f of the act of 1946.

BIG CROP

Applicant claims ownership of registration No. 134,212.
FOR FERTILIZER.
Claims use since Nov. 1, 1919.

Ser. No. 545,232. CANADIAN RADIUM & URANIUM CORPORATION, New York, N. Y. Filed Dec. 23, 1947.

ALPHATRON

FOR FERTILIZERS.
Claims use since Nov. 22, 1947.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 527,469. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed July 5, 1947. Under section 2f of the act of 1946.

Burroughs

Applicant claims ownership of registration No. 335,607.
FOR INKING RIBBONS USED WITH BUSINESS MACHINES—NAMELY, CALCULATING MACHINES, CASH REGISTERS, TYPEWRITERS, AND THE LIKE, AND CARBON PAPER.
Claims use since March 1910.

Ser. No. 552,196. F. S. WEBSTER COMPANY, Cambridge, Mass. Filed Mar. 17, 1948.

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Applicant claims ownership of registration No. 68,382.
FOR CARBON PAPER.
Claims use since Oct. 24, 1907.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 533,532. THE CANTON STAMPING & ENAMELING COMPANY, Canton, Ohio. Filed Sept. 5, 1947.

AETNA

FOR PORCELAIN ENAMEL COATED BASE METAL COOKING, KITCHEN AND HOUSEHOLD WARE—NAMELY, PUDDING PANS, MIXING BOWLS, ROUND DISH PANS, OVAL DISH PANS, SINK DISH PANS, SAUCE PANS, TEA KETTLES, PIE PLATES, SOUP PLATES, DINNER PLATES, STRAIGHT SIDE KETTLES, STRAIGHT SIDE POTS, STRAIGHT SIDE PANS, COFFEE POTS, PERCOLATORS, WASH BASINS, MUGS, CUPS, RICE BOILERS, COLANDERS, CHAMBERS, COMBINETS, HANDY PANS, STOVE OR ROASTING PANS, COVERED REFRIGERATOR PANS, ROUND ROASTERS, OVAL ROASTERS, WINDSOR KETTLES, WINDSOR POTS, AND WINDSOR PANS.
Claims use since 1904.

Ser. No. 533,533. THE CANTON STAMPING & ENAMELING COMPANY, Canton, Ohio. Filed Sept. 5, 1947.

NOT-NAC

FOR PORCELAIN ENAMEL COATED BASE METAL COOKING, KITCHEN AND HOUSEHOLD WARE—NAMELY, PUDDING PANS, MIXING BOWLS, ROUND DISH PANS, OVAL DISH PANS, SINK DISH PANS, SAUCE PANS, TEA KETTLES, PIE PLATES, SOUP PLATES, DINNER PLATES, STRAIGHT SIDE KETTLES, STRAIGHT SIDE POTS, STRAIGHT SIDE PANS, COFFEE POTS, PERCOLATORS, WASH BASINS, MUGS, CUPS, RICE BOILERS, COLANDERS, CHAMBERS, COMBINETS, HANDY PANS, STOVE OR ROASTING PANS, COVERED REFRIGERATOR PANS, ROUND ROASTERS, OVAL ROASTERS, WINDSOR KETTLES, WINDSOR POTS, AND WINDSOR PANS.
Claims use since 1904.

Ser. No. 564,497. THE AYLING & REICHERT CO., Toledo, Ohio. Filed Mar. 2, 1948.

NO-SOL

Applicant claims ownership of registration No. 162,030.
FOR CHAMBERED FLOATS FOR USE WITH FLOAT VALVES.
Claims use since Feb. 1, 1907.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 535,132. CLIFFORD-JACOBS FORGING COMPANY, Champaign, Ill. Filed Sept. 20, 1947.



FOR FERROUS METAL CASTINGS AND FORGINGS.
Claims use since Apr. 8, 1921.

Ser. No. 542,613. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947.

METCO

Applicant claims ownership of registrations Nos. 358,092 and 359,053.
FOR RODS AND WIRE CONSISTING OF OR CONTAINING FERROUS OR NON-FERROUS METALS FOR DEPOSITING SUCH METALS BY METAL SPRAYING OR WELDING.
Claims use since Apr. 23, 1934.

Ser. No. 542,616. METALLIZING ENGINEERING CO. INC., Long Island City, N. Y. Filed Nov. 28, 1947.

METCOLOY

Applicant claims ownership of registration No. 397,480.
FOR RODS AND WIRE CONSISTING OF OR CON-

TAINING FERROUS OR NONFERROUS METALS FOR DEPOSITING SUCH METALS BY METAL SPRAYING OR WELDING.
Claims use since Jan. 31, 1938.

CLASS 15

OILS AND GREASES

Ser. No. 534,802. THE OHIO OIL COMPANY, Findlay, Ohio. Filed Sept. 17, 1947.

Multipower MOTOR OIL

The words "Motor Oil" are disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 244,941 and 367,432.
FOR MOTOR LUBRICATING OILS.
Claims use since Jan. 18, 1935.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 526,733. ATLANTIC VARNISH AND PAINT COMPANY, INCORPORATED, Richmond, Va. Filed July 5, 1947.

Avolite

FOR READY MIXED PAINTS, PASTE PAINTS, PAINT ENAMELS, VARNISHES AND STAINS.
Claims use since June 1932.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 533,242. JOSE ESCALANTE & CO., Chicago, Ill. Filed Aug. 30, 1947.



FOR CIGARS.
Claims use since 1915.

Ser. No. 533,247. JOSE ESCALANTE & CO., Chicago, Ill. Filed Aug. 30, 1947.



Applicant claims ownership of registration No. 300,497.
FOR CIGARS.
Claims use since 1911.

Ser. No. 539,632. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed Oct. 31, 1947.

HAZELWOOD

FOR CHEWING AND SMOKING TOBACCO.
Claims use since Aug. 13, 1930.

Ser. No. 539,633. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed Oct. 31, 1947.

Home Run

FOR CHEWING AND SMOKING TOBACCO.
Claims use since 1903.

Ser. No. 539,635. THE BLOCH BROTHERS TOBACCO CO., Wheeling, W. Va. Filed Oct. 31, 1947. Under section 2f of the act of 1946.

WHALEN

FOR CHEWING AND SMOKING TOBACCO.
Claims use since 1903.

Ser. No. 543,897. THE CREAMETTE COMPANY, Minneapolis, Minn. Filed Dec. 10, 1947.

Creamette

FOR CIGARETTES.
Claims use since Dec. 1, 1947.

CLASS 19

VEHICLES

Ser. No. 533,612. A. E. PETERSON MFG. CO., Glendale, Calif. Filed Sept. 5, 1947.

FOLD-n-Roll

The word "Fold" is disclaimed apart from the mark.
FOR FOLDING CARTS FOR BABIES.
Claims use since Feb. 19, 1946.

Ser. No. 541,361. U. S. TOOL & MFG. CO., Chicago, Ill. Filed Nov. 15, 1947.

EAGLE BRAND



The word "Brand" is disclaimed apart from the mark.
FOR AUTOMOTIVE EQUIPMENT AND ACCESSORIES, REAR VIEW MIRRORS AND MIRROR HEADS, LICENSE PLATE FASTENERS AND BRACKETS, GREASE RETAINERS, FUSEE AND FLAG CARRIERS.
Claims use since Oct. 1, 1929.

Ser. No. 542,847. PHIL GEROLD, doing business as Gerold Manufacturing Co., Hawthorne, Calif. Filed Dec. 1, 1947.

The HOLIDAY

FOR AUTOMOBILE TRAILERS PROVIDING SLEEPING AND COOKING FACILITIES.
Claims use since Mar. 25, 1947.

Ser. No. 543,551. THE WESTFIELD MANUFACTURING COMPANY, Westfield, Mass. Filed Dec. 5, 1947.

VIKING

FOR BICYCLES.
Claims use since 1896.

Ser. No. 543,552. THE WESTFIELD MANUFACTURING COMPANY, Westfield, Mass. Filed Dec. 5, 1947.

Clipper

FOR BICYCLES.
Claims use since 1891.

Ser. No. 547,295. TRICO PRODUCTS CORPORATION, Buffalo, N. Y. Filed Jan. 16, 1948.

RAINBOW

FOR WINDSHIELD WIPER BLADES AND ARMS.
Claims use since Oct. 15, 1947.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 503,460. NORTHERN SIGNAL COMPANY, INC., Milwaukee, Wis. Filed Apr. 12, 1948. Under section 2f of the act of 1946.

ELECTRO-LINE

FOR ELECTRIC FENCE CHARGERS, ELECTRIC FENCE INSULATORS, ELECTRIC FENCE FASTENERS, ELECTRIC FENCE CONNECTION LEADS, ELECTRIC FENCE TERMINALS AND ELECTRIC FENCE GATES.
Claims use since Mar. 1, 1939.

Ser. No. 530,089. MARKEL ELECTRIC PRODUCTS, INC., Buffalo, N. Y. Filed July 31, 1947. Under section 2f of the act of 1946.

HEETAIRE

Applicant claims ownership of registration No. 242,028.
FOR ELECTRIC AIR HEATERS FOR DOMESTIC USE.
Claims use since Feb. 5, 1927.

Ser. No. 530,815. THE GLOBE TOOL & ENGINEERING COMPANY, Dayton, Ohio. Filed Aug. 8, 1947.

GLOBE

FOR ELECTRIC MOTORS.
Claims use since Apr. 9, 1931.

Ser. No. 530,997. WESTINGHOUSE ELECTRIC CORPORATION, East Pittsburgh, Pa. Filed Aug. 9, 1947.

ELECTRONIC FEATHER

No claim is made to the word "Electronic" apart from the mark.
FOR ELECTRIC PHONOGRAPHS, RADIO-PHONOGRAPH COMBINATIONS AND PARTS OF ELECTRIC PHONOGRAPHS AND RADIO-PHONOGRAPHS.
Claims use since Mar. 20, 1947.

Ser. No. 532,942. LIGHTOLIER, INCORPORATED, New York, N. Y. Filed Aug. 30, 1947.

X

FOR ELECTRIC LAMPS—NAMELY, FLOOR LAMPS, BRIDGE LAMPS, BED LAMPS, TABLE LAMPS, AND ELECTRIC LIGHTING FIXTURES—NAMELY, CHANDELIERS, CEILING LIGHTS, PENDANT LIGHTS, DROP LIGHTS AND WALL BRACKET LIGHTS EQUIPPED WITH INCANDESCENT OR FLUORESCENT SOURCES OF ILLUMINATION.
Claims use since 1940.

Ser. No. 534,829. STANDARD ELECTRIC COMPANY, INC., San Antonio, Tex. Filed Sept. 17, 1947. Under section 2f of the act of 1946.

RELIABLE

FOR STORAGE BATTERIES.
Claims use since Nov. 1, 1918.

Ser. No. 536,458. STANDARD TRANSFORMER CORPORATION, Chicago, Ill. Filed Oct. 1, 1947.

STANCOR

Applicant claims ownership of registrations Nos. 355,367, 355,368, and 355,369.
FOR FIXED AND VARIABLE TRANSFORMERS—NAMELY, MINIATURE TRANSFORMERS; REACTORS—NAMELY, AUDIO AND POWER REACTORS FOR RADIO, POWER PACKS OF THE DRY METALLIC VACUUM OR GASEOUS TUBE TYPE; TRANSMITTERS—NAMELY, RADIO FREQUENCY LOW POWER TRANSMITTERS FOR AMATEUR AND INDUSTRIAL USES, AMPLIFIERS, AMPLIFIER KITS; VOLTAGE ADJUSTING AND REGULATING EQUIPMENT—NAMELY, MANUALLY OPERATED AUTO TRANSFORMERS AND VOLTAGE ADJUSTERS AND ELECTRONIC CONTROL EQUIPMENT—NAMELY, AUTO TRANSFORMERS FOR USE WITH MANUALLY OPERATED SWITCHES FOR ADJUSTMENT OF AMPERAGE COUPLED WITH VOLTAGE REGULATORS AND INDICATORS.
Claims use since Sept. 1, 1930.

Ser. No. 537,260. WEBSTER ELECTRIC COMPANY, Racine, Wis. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

Webster

Applicant claims ownership of registrations Nos. 269,791 and 283,297.
FOR AUDIO FREQUENCY AMPLIFIERS COMPRISING ASSEMBLED UNITS FOR AMPLIFYING ELECTRIC SIGNALS, AUDIO FREQUENCY TRANSFORMERS, CHOKE COILS, ELECTRIC PICK-UP TONE ARMS, ELECTRIC PICK-UP VOLTAGE CONTROLS, ELECTRICAL SOCKETS AND PLUGS, ELECTRICAL PHONOGRAPH PICK-UPS, POWER TRANSFORMERS, HIGH VOLTAGE IGNITION TRANSFORMERS, AND ENERGIZING TRANSFORMERS FOR ELECTRIC SIGNS.
Claims use since July 22, 1909.

Ser. No. 540,017. AMERICAN ELECTRICAL CORPORATION OF MASSACHUSETTS, Boston, Mass. Filed Nov. 4, 1947.

AMLEC

FOR ELECTRIC ALARM BELL AND CONTROL INSTRUMENTS AND PARTS THEREOF FOR BURGLAR AND FIRE ALARM SYSTEMS.
Claims use since Aug. 19, 1947.

Ser. No. 540,055. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Nov. 4, 1947.

GALVOPAK

FOR PACKAGE CONTAINING A GALVANICALLY ACTIVE METAL ANODE ENCASED IN AN ELECROLYTICALLY CONDUCTIVE BACKFILL COMPOSITION USEFUL IN THE CATHODIC PROTECTION OF UNDERGROUND FERROUS METAL STRUCTURES.
Claims use since Mar. 24, 1947.

Ser. No. 541,492. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Nov. 18, 1947.

Dream-Tan

Applicant disclaims the word "Tan" except in the association shown.
FOR SUN LAMPS FOR GENERAL USE.
Claims use since Aug. 25, 1947.

Ser. No. 541,678. HOBBS BATTERY COMPANY, San Francisco, Calif. Filed Nov. 19, 1947. Under section 2f of the act of 1946.

Hobbs

Applicant claims ownership of registration No. 136,033.
FOR STORAGE BATTERIES.
Claims use since Feb. 1, 1920.

Ser. No. 541,697. THE OHIO ELECTRIC MFG. COMPANY, Cleveland, Ohio. Filed Nov. 19, 1947.

OHIO

Applicant claims ownership of registration No. 162,647.
FOR LIFTING MAGNETS USED FOR HOISTING LOADS, AND ELECTRIC MOTORS.
Claims use since July 19, 1918.

Ser. No. 546,325. RADOR COMPANY, Balboa, Calif. Filed Jan. 6, 1948.

Rador

FOR RADIO CONTROLLED OPERATORS FOR OPENING AND CLOSING GARAGE DOORS, GATES, AND SIMILAR CLOSURES.
Claims use since Nov. 20, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 538,933. JOSEPH G. KREN, Syracuse, N. Y. Filed Oct. 24, 1947. Under section 2f of the act of 1946.

KREN'S SPECIAL

Applicant claims ownership of registration No. 234,370.
FOR BASEBALL BATS.
Claims use since 1910.

Ser. No. 540,239. ALUMINUM GOODS MFG. CO., Manitowoc, Wis. Filed Nov. 6, 1947.

"Like Mother's"

Applicant claims ownership of registration No. 153,125.
FOR TOY TEA AND COOKING SETS.
Claims use since June 1916.

Ser. No. 540,327. KENNETH SMITH, Kansas City, Mo. Filed Nov. 6, 1947. Under section 2f of the act of 1946.

NO-TWIST CUSHION

Applicant claims ownership of registration No. 363,768.
FOR GOLF CLUBS AND PARTS THEREOF.
Claims use since Nov. 23, 1936.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 526,738. WORTHINGTON PUMP AND MACHINERY CORPORATION, Harrison, N. J. Filed July 5, 1947.

BLUE BRUTE

FOR PORTABLE AIR COMPRESSORS, ROCK DRILLS, AIR TOOLS, DRIFTER DRILLS, STOPPING DRILLS, WAGON DRILLS, PORTABLE SELF PRIMING CENTRIFUGAL PUMPS, SINGLE AND DUAL DRUM WAD PAVING MACHINES, PNEUMATIC CONCRETE PLACING APPARATUS, TRUCK MOUNTED CONCRETE MIXERS, PORTABLE CONCRETE MIXERS, INDUSTRIAL MIXERS, PLASTER MIXERS, AND BITUMINOUS MIXERS.
Claims use since November 1941.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 528,534. CHARLES W. TOWNSEND, doing business as Firestat Automatic Fire Alarm System, Wheaton, Ill. Filed July 12, 1947.

FIRESTAT

FOR THERMOSTATS.
Claims use since July 1933.

Ser. No. 532,495. RAYGRAM CORPORATION, New York, N. Y. Filed Aug. 26, 1947.

Raygram

Applicant claims ownership of registrations Nos. 392,823, 393,423, and 394,191.

FOR PHOTOGRAPHIC AND DARK-ROOM APPARATUS, ACCESSORIES AND SPECIALTIES—VIZ., CAMERAS; CARRYING CASES FOR CAMERAS AND FILM REELS; TRIPODS; TILT TOPS; COMBINATION TRIPODS AND TILT TOPS; SWING-TILT PAN HEADS; RANGE FINDERS; EXPOSURE METERS; LENS FILTERS; MICRO-FOCUSING STRIPS; PHOTOGRAPHIC LAMPS; LIGHT STANDS; FLASH GUNS AND FLASH GUN SYNCHRONIZERS; DEVELOPING OUTFITS AND DEVELOPING TANKS; TANK LOADERS; CHANGING BAGS; TRAYS; WEIGHING AND MEASURING SPOONS; TANK AND TRAY THERMOMETERS AND STIRRING-ROD THERMOMETERS; ENLARGERS; ENLARGER HELMETS; ENLARGING EASELS; MASKS; CONTACT PRINTING BOXES AND PRINTING FRAMES; PRINT PRESSES AND ROLLERS; BLOTTER PRESSES; PROJECTORS; CARRYING CASES FOR PROJECTORS; PROJECTION SCREENS; AND CONTAINERS FOR FILM SLIDES AND REELS.
Claims use since 1932.

Ser. No. 532,496. RAYGRAM CORPORATION, New York, N. Y. Filed Aug. 26, 1947.



Applicant claims ownership of registrations Nos. 392,823, 393,423, and 394,191.

FOR PHOTOGRAPHIC AND DARK-ROOM APPARATUS, ACCESSORIES AND SPECIALTIES—VIZ., CAMERAS; CARRYING CASES FOR CAMERAS AND FILM REELS; TRIPODS; TILT TOPS; COMBINATION TRIPODS AND TILT TOPS; SWING-TILT PAN HEADS; RANGE FINDERS; EXPOSURE METERS; LENS FILTERS; MICRO-FOCUSING STRIPS; PHOTOGRAPHIC LAMPS; LIGHT STANDS; FLASH GUNS AND FLASH GUN SYNCHRONIZERS; DEVELOPING OUTFITS AND DEVELOPING TANKS; TANK LOADERS; CHANGING BAGS; TRAYS; WEIGHING AND MEASURING SPOONS; TANK AND TRAY THERMOMETERS AND STIRRING-ROD THERMOMETERS; ENLARGERS; ENLARGER HELMETS; ENLARGING EASELS; MASKS; CONTACT PRINTING BOXES AND PRINTING FRAMES; PRINT PRESSES AND ROLLERS; BLOTTER PRESSES; PROJECTORS; CARRYING CASES FOR PROJECTORS; PROJECTION SCREENS; AND CONTAINERS FOR FILM SLIDES AND REELS.
Claims use since November 1939.

Ser. No. 533,761. MASTER RULE MANUFACTURING CO., INC., White Plains, N. Y., and elsewhere in the United States. Filed Sept. 8, 1947.



FOR GRADUATED STEEL TAPES FOR MEASURING PURPOSES.
Claims use since June 1940.

Ser. No. 533,763. MASTER RULE MANUFACTURING CO., INC., White Plains, N. Y., and elsewhere in the United States. Filed Sept. 8, 1947.



Applicant claims ownership of registrations Nos. 173,939 and 412,565.

FOR GRADUATED STEEL TAPES FOR MEASURING PURPOSES.
Claims use since June 1940.

Ser. No. 533,764. MASTER RULE MANUFACTURING CO., INC., White Plains, N. Y., and elsewhere in the United States. Filed Sept. 8, 1947.

Streamline

FOR GRADUATED STEEL TAPES FOR MEASURING PURPOSES.
Claims use since March 1941.

Ser. No. 543,098. COOK SPECIALTY COMPANY, Green Lane, Pa. Filed Dec. 3, 1947.



FOR ADJUSTABLE CURVED RULER.
Claims use since Oct. 22, 1947.

Ser. No. 543,212. OPERADIO MANUFACTURING CO., St. Charles, Ill. Filed Dec. 3, 1947.

Explainette

FOR PICTURE PROJECTORS AND COMBINED PHONOGRAPHS AND PROJECTORS.
Claims use since 1939.

Ser. No. 544,169. THE KONO MANUFACTURING CO., Woodside, N. Y. Filed Dec. 12, 1947.

"17"

FOR EYEGLASS AND SPECTACLE FRAMES.
Claims use since Nov. 28, 1947.

Ser. No. 544,321. EELING P. BUGGE, doing business as Machine-Research, Santa Monica, Calif. Filed Dec. 15, 1947.

tractograf

FOR PROTRACTORS.
Claims use since Nov. 12, 1947.

Ser. No. 544,531. BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y. Filed Dec. 17, 1947.

BALTAR

FOR OBJECTIVE LENSES.
Claims use since Oct. 6, 1938.

Ser. No. 544,676. THE ROBSON CORPORATION, New York, N. Y. Filed Dec. 16, 1947.

DOLLYDALE

FOR MEASURING SCOOPS.
Claims use since Jan. 30, 1947.

Ser. No. 548,375. JERGUSON GAGE & VALVE COMPANY, Somerville, Mass. Filed Jan. 30, 1948. Under section 2f of the act of 1946.

JERGUSON

FOR LIQUID LEVEL GAGES AND ACCESSORIES THEREOF, INCLUDING WATER COLUMNS.
Claims use since 1912.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 520,518. MOVADO WATCH AGENCY, INC., New York, N. Y. Filed Oct. 8, 1947.

CALENDERMETO

FOR WATCHES.
Claims use since Feb. 1, 1947.

Ser. No. 520,564. MOVADO WATCH AGENCY, INC., New York, N. Y. Filed Oct. 7, 1947.

ERMOGRAF

FOR WATCHES.
Claims use since Feb. 1, 1947.

Ser. No. 523,474. THE NEW HAVEN CLOCK AND WATCH COMPANY, New Haven, Conn. Filed Oct. 16, 1947. Under section 2f of the act of 1946 as to "New Haven."



No claim is made to the words "Clocks and Watches" appearing in the mark apart from the association shown in the drawing. Applicant claims ownership of registrations Nos. 196,301 and 405,775.

FOR CLOCKS, WATCHES, AND PARTS THEREOF.
Claims use since Mar. 2, 1946.

Ser. No. 541,301. JAEGER WATCH COMPANY, INC., New York, N. Y. Filed Nov. 15, 1947.



Applicant claims ownership of registration No. 264,130.
FOR WATCHES AND CLOCKS.
Claims use since June 13, 1929.

Ser. No. 541,302. JAEGER WATCH COMPANY, INC., New York, N. Y. Filed Nov. 15, 1947.

MAGNETRIC

Applicant claims ownership of registration No. 302,957.
FOR CLOCKS OPERATED BY ELECTRO-MOTIVE POWER.
Claims use since Oct. 15, 1932.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 503,081. GORHAM MANUFACTURING COMPANY, Providence, R. I. Filed Nov. 24, 1947. Under section 2f of the act of 1946.

CHANTILLY

FOR STERLING SILVER FLATWARE, HOLLOW WARE, AND TABLE CUTLERY.
Claims use since Aug. 1, 1895.

Ser. No. 503,083. GORHAM MANUFACTURING COMPANY, Providence, R. I. Filed Nov. 24, 1947. Under section 2f of the act of 1946.

GREENBRIER

FOR STERLING SILVER FLATWARE, HOLLOW WARE, AND TABLE CUTLERY.
Claims use since Aug. 1, 1938.

Ser. No. 503,091. GORHAM MANUFACTURING COMPANY, Providence, R. I. Filed Nov. 24, 1947. Under section 2f of the act of 1946.

STRASBOURG

FOR STERLING SILVER FLATWARE, HOLLOW WARE, AND TABLE CUTLERY.
Claims use since Dec. 1, 1897.

Ser. No. 528,703. DOLAN & BULLOCK CO., Providence, R. I. Filed July 16, 1947.

LON-GOR

FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, COLLAR PINS, COLLAR HOLDERS, COLLAR BUTTONS, BELT CHAINS, BELT BUCKLES, CUFF BUTTONS, SHIRT STUDS, TIE CLASPS, SCARF PINS, KEY CHAINS, TIE CHAINS, AND MONEY CLIPS, MADE IN WHOLE OR IN PART OF PRECIOUS METALS.
Claims use since Mar. 1, 1940.

Ser. No. 528,704. DOLAN & BULLOCK CO., Providence, R. I. Filed July 16, 1947.

EXTENDOR

FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, COLLAR PINS, COLLAR HOLDERS, COLLAR BUTTONS, BELT CHAINS, BELT BUCKLES, CUFF BUTTONS, SHIRT STUDS, TIE CLASPS, SCARF PINS, KEY CHAINS, TIE CHAINS, AND MONEY CLIPS, MADE IN WHOLE OR IN PART OF PRECIOUS METALS.
Claims use since Mar. 7, 1939.

Ser. No. 528,707. DOLAN & BULLOCK CO., Providence, R. I. Filed July 16, 1947.

CORRECT J&B

The word "Correct" is disclaimed apart from the mark as shown. Applicant claims ownership of registration No. 188,722.
FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, COLLAR PINS, COLLAR HOLDERS, COLLAR BUTTONS, BELT CHAINS, BELT BUCKLES, CUFF BUTTONS, SHIRT STUDS, TIE CLASPS, SCARF PINS, KEY CHAINS, TIE CHAINS, AND MONEY CLIPS, MADE IN WHOLE OR IN PART OF PRECIOUS METALS.
Claims use since Apr. 1, 1920.

Ser. No. 528,708. DOLAN & BULLOCK CO., Providence, R. I. Filed July 16, 1947.

VAN GUARD

FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, COLLAR PINS, COLLAR HOLDERS, COLLAR BUTTONS, BELT CHAINS, BELT BUCKLES, CUFF BUTTONS, SHIRT STUDS, TIE CLASPS, SCARF PINS, KEY CHAINS, TIE CHAINS, AND MONEY CLIPS, MADE IN WHOLE OR IN PART OF PRECIOUS METALS.
Claims use since Apr. 1, 1920.

Ser. No. 530,553. F. H. NOBLE & CO., Chicago, Ill. Filed Aug. 5, 1947.



Applicant claims ownership of registrations Nos. 339,472, 340,385, and 350,137.
FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, MEDALS AND BALL CHARMS, AND JEWELRY PARTS, JEWELERS' FINDINGS, AND SUPPLIES.
Claims use since Jan. 2, 1892.

Ser. No. 530,839. ONEIDA LTD., Sherill and Oneida, N. Y. Filed Aug. 8, 1947.

CAMILLE

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1937.

Ser. No. 532,830. JOSEFF-HOLLYWOOD, Burbank and Beverly Hills, Calif. Filed Aug. 29, 1947. Under section 2f of the act of 1946.

Joseff

FOR JEWELRY FOR PERSONAL WEAR NOT INCLUDING WATCHES—NAMELY, NECKLACES, BRACELETS, FINGER RINGS, ORNAMENTAL PINS; VARIOUS ITEMS OF CUSTOM-MADE AND COSTUME JEWELRY; EVENING BAGS, BELT BUCKLES AND COSMETIC CONTAINERS MADE IN WHOLE OF, IN PART OF, OR PLATED WITH PRECIOUS METALS.
Claims use since Sept. 25, 1938.

Ser. No. 534,010. THE FISHER SILVERSMITHS, INC., Jersey City, N. J., and New York, N. Y. Filed Sept. 10, 1947.



FOR STERLING SILVER HOLLOW WARE AND FLAT WARE.
Claims use since August 1945.

Ser. No. 534,198. ROBERT S. SCHWACHTER, doing business as Schwachters, Cleveland, Ohio. Filed Sept. 11, 1947.

I.Q.

FOR JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES)—NAMELY, FINGER RINGS, BRACELETS, NECKLACES, PINS, AND BROOCHES, ALL SET WITH DIAMONDS.
Claims use since Apr. 14, 1947.

Ser. No. 534,555. MYRON C. POOLE, Bay City, Mich. Filed Sept. 15, 1947.

Scribble Cuff

FOR LADIES' BRACELETS.
Claims use since Sept. 6, 1947.

Ser. No. 538,726. CORO, INC., New York, N. Y. Filed Oct. 23, 1947.

A Coro Original

The word "Original" is disclaimed apart from the mark shown. Applicant claims ownership of registrations Nos. 393,183 and 428,993.
FOR ORNAMENTAL PINS, JEWELRY CLIPS, HAIR ORNAMENTS, BADGES, COIN PURSES, MESH BAGS, MATCH BOXES, LIPSTICK HOLDERS, COMB CASES, CIGARETTE CASES, BUCKLES, CHARMS, KNIVES, KEY CHAINS, TIE HOLDERS, BUTTONS, TEE HOLDERS, SCARF HOLDERS, HAT ORNAMENTS, DRESS ORNAMENTS, AND BEADS, ALL MADE IN WHOLE OR IN PART OF PRECIOUS METAL; AND NECKLACES, PENDANTS, BRACELETS, EARRINGS, BROOCHES, FINGER RINGS; COMPACTS MADE OF OR PLATED WITH PRECIOUS METAL; TIARAS, PEARLS, AND LOCKETS.
Claims use since June 15, 1947.

Ser. No. 540,243. W. & S. BLACKINTON CO., INC., Meriden, Conn. Filed Nov. 6, 1947.



FOR HOLLOW WARE INCLUDING DISHES, TRAYS, JUGS, BRANDY WARMERS, CIGARETTE BOXES, JARS, CAFE BRULES, CRUMBERS, LADLES, JIGGERS, AND GOBLETS, MADE IN WHOLE OF OR IN PART OF PRECIOUS METAL.

Claims use since Nov. 1, 1945.

Ser. No. 540,854. THE NAPIER COMPANY, Meriden, Conn. Filed Nov. 12, 1947.

NAPIER

Applicant claims ownership of registrations Nos. 180,434, 218,316, 245,879, and 427,224.

FOR BOWLS; DISHES; FLOWER HOLDERS; COCKTAIL SHAKERS; CANDLESTICKS; TOILET SETS; BABY CUPS; SERVING FORKS AND SPOONS; SALAD SETS; SANDWICH SERVERS; BABY SPOONS; FORKS AND KNIVES; DRINK MIXING DEVICES; (LIQUID) MEASURING SPOONS AND CUPS; BOTTLE CAP REMOVERS; CORKSCREWS; TRAYS AND RECEPTACLES FOR CIGARETTES, MATCHES AND ASHES; SMALL DECORATIVE LAMPS; PICTURE FRAMES; RATTLES; WHISTLES; TABLE ORNAMENTS; BOOKENDS; DESK ACCESSORIES; CROSSES AND CRUCIFIXES FOR PERSONAL WEAR; TOYS; BAGS OF METAL MESH, SILK OR LEATHER WITH METAL FRAMES; PURSES OF MESH OR LEATHER WITH METAL TRIMMINGS; MATCH AND CIGARETTE CASES; FLASKS; VANITY CASES; POWDER OR ROUGE CASES; RIGID COIN CASES; CARD CASES; LIP-SALVE CONTAINERS; MEN'S BELT BUCKLES; WOMEN'S ORNAMENTAL BUCKLES; TIE CLIPS; KEY CHAINS; BILL HOLDERS; CUFF LINKS; TIE HOLDERS; KEY CASES; ORNAMENTAL KEY TOPS FOR ATTACHMENT TO STANDARD KEYS TO AID IN DISTINGUISHING ONE SUCH KEY FROM OTHERS; POCKET LIGHTERS; MATCH BOXES; PHOTO CASES; POCKET COMBS; NAIL FILE CASES; SCARF PINS; BRACELETS; BROOCHES; DRESS CLIPS; BAR PINS; FINGER RINGS; DRESS BUCKLES; SHOE BUCKLES; ORNAMENTAL MOUNTED COMBS; ORNAMENTAL HAIRPINS; BARRETTES; HAIR ORNAMENTS; NECKLACES; LOCKETS; AND EARRINGS.

Claims use since June 26, 1922.

Ser. No. 541,166. THE NAPIER COMPANY, Meriden, Conn. Filed Nov. 14, 1947.

NAPIER Quality

No claim is made to the word "Quality" apart from the mark shown. Applicant claims ownership of registrations Nos. 180,434, 218,316, 245,879, 422,533, and 427,224.

FOR NECKLACES, BRACELETS, BROOCHES, DRESS CLIPS, BAR PINS, FINGER RINGS, DRESS BUCKLES, SHOE BUCKLES, ORNAMENTAL COMBS, HAIR ORNAMENTS, BARRETTES, LOCKETS, TIE CLIPS, SCARF PINS, EARRINGS, COMPACTS, KEY CHAINS, SCARF SLIDES, BELT BUCKLES, ALL MADE WHOLLY OR IN PART OF PRECIOUS METAL OR PLATED THEREWITH.

Claims use since Jan. 16, 1946.

Ser. No. 541,182. RICARDO METAL MFG. CO., Denver, Colo. Filed Nov. 14, 1947.



FOR BELT BUCKLES, NECKTIE PINS, NECKTIE CLASPS, LAPEL ORNAMENTS, BRACELETS, AND FINGER RINGS MADE OF OR PLATED WITH PRECIOUS METAL.

Claims use since Jan. 1, 1941.

Ser. No. 542,497. THE ZIPLOC COMPANY, New York, N. Y. Filed Nov. 26, 1947.

ZIPLOC

FOR WRIST WATCH BANDS MADE PRIMARILY OF LEATHER AND LIKE MATERIAL AND METAL COMPONENTS.

Claims use since Oct. 7, 1947.

Ser. No. 545,387. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed Dec. 24, 1947.

MANSION HOUSE

FOR STERLING SILVER FLAT TABLEWARE.

Claims use since Nov. 29, 1947.

Ser. No. 545,769. ROGERS, LUNT & BOWLEN COMPANY, Greenfield, Mass. Filed Dec. 30, 1947.



Applicant claims ownership of registration No. 167,680.

FOR KNIVES, FORKS, SPOONS, FOOD PUSHERS, TONGS, LADLES, NAPKIN RINGS, NAPKIN MARKERS, NAPKIN BANDS, SALT AND PEPPER SHAKERS, CUPS, BOWLS, PITCHERS, CANDLE STICKS, DISHES, PLATTERS, SERVERS, VASES, TRAYS, COASTERS, BOTTLE OPENERS, CORKSCREWS, BABY RATTLES AND BELLS, ALL SAID ARTICLES BEING MADE OF OR ORNAMENTED WITH STERLING SILVER.

Claims use since September 1939.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 528,225. PARKER MANUFACTURING COMPANY, Warren, Ohio. Filed July 9, 1947. Under section 2f of the act of 1946.

BETTY BRIGHT

FOR MOPS.

Claims use since Dec. 29, 1924.

Ser. No. 528,687. BENNART BRUSH CORPORATION, Chicago, Ill. Filed July 16, 1947.

BENNART

FOR HAIR BRUSHES AND TOOTH BRUSHES.

Claims use since Apr. 1, 1947.

Ser. No. 535,151. H. HERTZBERG & SON, INC., New York, N. Y. Filed Sept. 20, 1947. Under section 2f of the act of 1946.

Cleansbest

Applicant claims ownership of registration No. 215,689.

FOR BROOMS MADE FROM BAHIA, TAMPICO, PIASSAVA, OR UNION FIBER OR FROM RICE STRAW; MOPS MADE FROM COTTON OR WOOL YARN—NAMELY, YACHT MOPS, SWIVEL MOPS, WET MOPS, WALL MOPS, AND DISH MOPS; HOUSEHOLD BRUSHES MADE FROM BRISTLES, SOFT HAIR, OR FIBER—NAMELY, WALL, BATHTUB, BATHROOM, BOWL, FLOOR, RADIATOR, DUSTPAN, BUNGALOW-DUSTING, PHONOGRAPH-RECORD, SCREEN, STOVE, PERCOLATOR, ICE-CHEST, SINK, CRUMB-TRAY, UPHOLSTERY, CREVICE, CUSPIDOR, SILVERWARE, AND DISHWASHING BRUSHES; DUSTERS MADE OF COTTON, OR WOOL YARN OR OF SOFT HAIR—NAMELY, WALL, AUTOMOBILE, STOVE, FURNACE, FURNITURE, AND SANITARY LONG-HANDLE DUSTERS; INDUSTRIAL BRUSHES MADE OF BRISTLES OR FIBER—NAMELY, BOTTLE, AUTOMOBILE WASHING, WIRE-WHEEL, FENDER, MUDGUARD, ENGINE, SPARK-PLUG, TYPEWRITER, GLASS-WASHING, MACHINE-CLEANSING, AND FOUNTAIN BRUSHES; BRUSHES FOR PERSONAL USE MADE OF BRISTLES OR SOFT HAIR—NAMELY, HAIR, HAT, CLOTHES, HAND, MANICURE, MASSAGE, COMPLEXION, BATH, SHOWER-BATH, DENTAL PLATE, SHAMPOO, SHOE BRUSHES AND DAUBERS.

Claims use since June 1, 1925.

CLASS 31

FILTERS AND REFRIGERATORS

Ser. No. 542,647. PICK MANUFACTURING COMPANY, West Bend, Wis. Filed Nov. 28, 1947. Under section 2f of the act of 1946.

MAGNETIC

Applicant claims ownership of registration No. 365,515.

FOR OIL FILTERS FOR INTERNAL COMBUSTION ENGINES.

Claims use since January 1936.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 521,029. ROYAL METAL MANUFACTURING COMPANY, Chicago, Ill. Filed Aug. 20, 1947.

Royalchrome

Applicant claims ownership of registrations Nos. 353,100 and 183,711.

FOR METAL FURNITURE, ESPECIALLY CHROMIUM PLATED METAL FURNITURE—NAMELY, CHAIRS, INCLUDING RECLINING AND REVOLVING CHAIRS, SHAMPOO CHAIRS, AND OTHER CHAIRS, COSTUMERS, SHOE FITTING STOOLS, BAR STOOLS, AND OTHER STOOLS, FOOT RESTS, TABLES, INCLUDING

CORNER TABLES, VANITY TABLES, COCKTAIL TABLES, OCCASIONAL TABLES, MANICURE TABLES, OPTOMETRIST'S TABLES, DOUBLE TIER TABLES, OBLONG TABLES, AND OTHER TABLES, DRESSERETTES, DESKS, BOOTHS, MIRRORS, SETTEES, INCLUDING SECTIONAL SETTEES, CABINETS, BENCHES, COUCHES, INCLUDING FACIAL COUCHES FOR BEAUTY SHOPS, SMOKING STANDS, AND PORTABLE BARS.
Claims use since June 1946.

Ser. No. 526,670. THE TROY SUNSHADE COMPANY, Troy, Ohio. Filed July 5, 1947. Under section 2f of the act of 1946.

TROY

FOR METAL CHAIRS, STOOLS, BENCHES, INCLUDING SHOE BENCHES IN THE NATURE OF FURNITURE, COUCHES, DAVENPORTS, SETTEES, CHAISE LOUNGES, HAMMOCKS, OTTOMANS, TABLES IN THE NATURE OF FURNITURE, DESKS, BEVERAGE CARTS, CLOTHES RACKS, MIRRORS IN THE NATURE OF FURNITURE, VANITIES, DRESSERS.
Claims use since 1925.

Ser. No. 526,671. THE TROY SUNSHADE COMPANY, Troy, Ohio. Filed July 5, 1947. Under section 2f of the act of 1946.

TROY

FOR METAL CHAIRS, STOOLS, BENCHES, INCLUDING SHOE BENCHES IN THE NATURE OF FURNITURE, COUCHES, DAVENPORTS, SETTEES, CHAISE LOUNGES, HAMMOCKS, OTTOMANS, TABLES IN THE NATUDE OF FURNITURE, DESKS, BEVERAGE CARTS, CLOTHES RACKS, MIRRORS IN THE NATURE OF FURNITURE, VANITIES, DRESSERS.
Claims use since 1925.

Ser. No. 526,684. THE TROY SUNSHADE COMPANY, Troy, Ohio. Filed July 5, 1947. Under section 2f of the act of 1946.

Troy

FOR METAL CHAIRS, STOOLS, BENCHES, INCLUDING SHOE BENCHES IN THE NATURE OF FURNITURE, COUCHES, DAVENPORTS, SETTEES, CHAISE LOUNGES, HAMMOCKS, OTTOMANS, TABLES IN THE NATURE OF FURNITURE, DESKS, BEVERAGE CARTS, CLOTHES RACKS, MIRRORS IN THE NATURE OF FURNITURE, VANITIES, DRESSERS, TENTS, UMBRELLAS FOR PORCH, GARDEN, AND BEACH.
Claims use since 1925.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 531,602. INLAND RUBBER CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

GREEN CHIEF

FOR TIRE AND TUBE REPAIR KITS CONSISTING OF RUBBER PATCHES, TAPES, SECTIONS, SHEETS, AND BOOTS.
Claims use since Jan. 31, 1945.

Ser. No. 534,169. MCQUAY-NORRIS MANUFACTURING CO., St. Louis, Mo. Filed Sept. 11, 1947. Under section 2f of the act of 1946.

McQUAY-NORRIS

Applicant claims ownership of registrations Nos. 422,882, 427,343, 427,344, 431,368, and 432,299.
FOR PISTON RINGS, PISTON RING EXPANDERS, AND BEARING SHIMS.
Claims use since December 1910.

CLASS 37

PAPER AND STATIONERY

Ser. No. 527,299. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed July 5, 1947.

SKYLAND

FOR ENVELOPE PAPER.
Claims use since Oct. 21, 1931.

Ser. No. 533,597. NEKOOSA-EDWARDS PAPER COMPANY, Port Edwards, Wis. Filed Sept. 5, 1947.

Gel-Copy

The word "Copy" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 396,439.
FOR DUPLICATING PAPER.
Claims use since May 1940.

Ser. No. 534,940. TALENS & SON, INC., Newark, N. J. Filed Sept. 18, 1947.

Rembrandt

FOR ARTISTS' PASTEL CRAYONS.
Claims use since 1936.

Ser. No. 540,556. NORTHEASTERN PLASTICS, INC., Boston, Mass. Filed Nov. 8, 1947.

ADMIRATION

FOR PEN HOLDERS AND LETTER OPENERS.
Claims use since July 1946.

Ser. No. 541,556. THE MARTIN CANTINE COMPANY, Saugerties, N. Y. Filed Nov. 18, 1947.

NIAGARA

Applicant claims ownership of registration No. 175,251.
FOR ENAMELED BOOK PAPER.
Claims use since 1913.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 483,194. TRIBUNE COMPANY, Chicago, Ill. Filed Aug. 13, 1947. Under section 2f of the act of 1946.

BRENDA STARR REPORTER

FOR SERIES OF CARTOONS.
Claims use since June 30, 1940.

Ser. No. 529,396. NATIONAL ASSOCIATION OF HOSIERY MANUFACTURERS, INC., New York, N. Y. Filed July 24, 1947. Under section 2f of the act of 1946.

Hosiery News Letter

Applicant claims ownership of registration No. 398,868.
FOR NEWS LETTERS AND SHEETS AND WEEKLY TRADE PUBLICATIONS.
Claims use since November 1941.

Ser. No. 533,191. NATIONAL LIVE STOCK PUBLISHING ASSOCIATION, Chicago, Ill. Filed Sept. 3, 1947. Under section 2f of the act of 1946.

NATIONAL Live Stock Producer

Applicant claims ownership of registration No. 225,970.
FOR PERIODICAL PUBLICATION.
Claims use since Sept. 1, 1924.

Ser. No. 536,982. AMERICAN MAP COMPANY, INC., New York, N. Y. Filed Oct. 7, 1947. Under section 2f of the act of 1946.

CLEARTYPE

Applicant claims ownership of registration No. 193,134.
FOR MAPS AND ATLASES.
Claims use since July 5, 1923.

Ser. No. 541,287. S. & G. GUMP COMPANY, San Francisco, Calif. Filed Nov. 15, 1947. Under section 2f of the act of 1946.

GUMP'S

FOR ETCHINGS, COLOR PRINTS OF PICTURES, OIL PAINTINGS AND WATER COLOR PAINTINGS.
Claims use since June 15, 1927.

Ser. No. 543,019. UNITED ENGINEERING AND FOUNDRY COMPANY, Pittsburgh, Pa. Filed Sept. 11, 1947.

UNITED EFFORT

Applicant claims ownership of registration No. 227,533.
FOR MONTHLY PUBLICATION.
Claims use since July 1921.

Ser. No. 544,166. HARRISON-SIMPSON CO. INC., Boston, Mass. Filed Dec. 12, 1947.

"THE BEACON HILL LINE"

The word "Line" is disclaimed apart from the mark.
FOR GREETING CARDS.
Claims use since Jan. 1, 1940.

Ser. No. 545,864. THE LONE RANGER, INC., Detroit, Mich. Filed Dec. 31, 1947.

THE LONE RANGER

Applicant claims ownership of registrations Nos. 365,670 and 354,199.
FOR SERIES OF CARTOONS AND COMIC STRIPS.
Claims use since Sept. 11, 1938.

Ser. No. 547,905. THE HEARST CORPORATION, New York, N. Y. Filed Jan. 24, 1948.

Let's Eat

FOR NEWSPAPER FEATURE.
Claims use since Dec. 1, 1947.

Ser. No. 553,367. THE HEARST CORPORATION, New York, N. Y. Filed Mar. 30, 1948.

Homemaker's Kitchen

Applicant claims ownership of registration No. 331,705.
FOR NEWSPAPER SECTION, FEATURE OR DEPARTMENT.
Claims use since May 24, 1946.

CLASS 39

CLOTHING

Ser. No. 530,408. LEATHERKRAFT, INC., Minneapolis, Minn. Filed Aug. 4, 1947.

Thoro'bred of Leathers

The words "of Leathers" are disclaimed apart from the mark. Applicant claims ownership of registration No. 355,211.
FOR MEN'S AND CHILDREN'S LEATHER JACKETS OF PONY SKIN.
Claims use since April 1936.

Ser. No. 531,053. SWEET-ORR & CO., INC., New York and Wappinger Falls, N. Y. Filed Aug. 11, 1947.

110 PER CENTER

FOR BIB-OVERALLS, WAIST-OVERALLS AND COVERALLS.
Claims use since Oct. 20, 1936.

Ser. No. 531,109. WM. GLUCKIN & CO., INC., New York, N. Y. Filed Aug. 12, 1947.

Naturflex

FOR BRASSIÈRES AND GIRDLES.
Claims use since Jan. 1, 1941.

Ser. No. 531,199. ELINOR LINGERIE, INC., New York, N. Y. Filed Aug. 13, 1947. Under section 2f of the act of 1946.

Ann Revere LINGERIE

"Ann Revere" is fanciful. The word "Lingerie" is disclaimed apart from the mark. Applicant claims ownership of registration No. 402,224.
FOR LADIES' AND CHILDREN'S WOVEN AND KNITTED UNDERWEAR, INCLUDING NIGHTGOWNS AND BED JACKETS.
Claims use since Apr. 8, 1942.

Ser. No. 533,491. LOUIS GOLDSMITH, INC., Philadelphia, Pa. Filed Aug. 19, 1947. Under section 2f of the act of 1946.

KEEP-KOOL

Applicant claims ownership of registration No. 52,570.
FOR MEN'S COATS AND TROUSERS.
Claims use since Sept. 1, 1904.

Ser. No. 534,658. N. & W. OVERALL CO., INC., Lynchburg, Va. Filed Sept. 16, 1947.

N&W

Applicant claims ownership of registration No. 331,516.
FOR OVERALLS, COVERALLS, OVERALL COATS, OVERALL PANTS, WORK SHIRTS, NEGLIGEE SHIRTS, WORK PANTS, DRESS PANTS AND WORK JACKETS.
Claims use since June 15, 1890.

Ser. No. 534,932. STAHL-URBAN COMPANY, Terre Haute, Ind., and Brookhaven, Miss. Filed Sept. 18, 1947.

FORTY BELOW

FOR MEN'S AND BOYS' MACKINAWS, BLOUSES, JACKETS, "WINDBREAKERS," HUNTING COATS, SPORT COATS, SUR-COATS, AND TROUSERS.
Claims use since June 12, 1939.

Ser. No. 535,851. THE JOSEPH & FEISS COMPANY, Cleveland, Ohio. Filed Sept. 26, 1947. Under section 2f of the act of 1946.

Cool Wave

Applicant claims ownership of registration No. 413,674.
FOR MEN'S AND BOYS' SUITS, COATS, AND TROUSERS, SINGLE COATS AND SINGLE TROUSERS.
Claims use since Sept. 22, 1939.

Ser. No. 536,519. GUSTIN GUILD-REST, INC., New York, N. Y. Filed Oct. 2, 1947.

Gustinettes

FOR FOOTWEAR—NAMELY, SHOES, SLIPPERS, AND PULLMAN SLIPPERS WITH TRAVEL POUCH.
Claims use since June 15, 1944.

Ser. No. 537,280. BARBIZON CORPORATION, New York, N. Y. Filed Oct. 9, 1947. Under section 2f of the act of 1946.

Barbizon

Applicant claims ownership of registrations Nos. 316,161 and 360,768.
FOR UNDERGARMENTS — NAMELY, CHEMISES, PANTIES, NIGHTGOWNS, PAJAMAS, SLIPS, BRASSIÈRES, NEGLIGEES, AND CORSETS.
Claims use since June 8, 1933.

Ser. No. 538,913. HICKEY-FREEMAN COMPANY, Rochester, N. Y. Filed Oct. 24, 1947.

Fair-n-Cooler

Applicant claims ownership of registration No. 390,634.
FOR MEN'S SUITS AND TOPCOATS.
Claims use since Feb. 26, 1941.

Ser. No. 538,915. HICKEY-FREEMAN COMPANY, Rochester, N. Y. Filed Oct. 24, 1947.



Applicant claims ownership of registration No. 334,494.
FOR MEN'S OVERCOATS, TOPCOATS, AND SUITS.
Claims use since Jan. 2, 1935.

Ser. No. 538,928. HICKEY-FREEMAN COMPANY, Rochester, N. Y. Filed Oct. 24, 1947.



Applicant claims ownership of registration No. 251,048.
FOR MEN'S SUITS, KNICKERS, AND MEN'S TOPCOATS AND OVERCOATS.
Claims use since July 20, 1928.

Ser. No. 539,007. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

SOCK EMS

Applicant claims ownership of registration No. 383,816.
FOR LADIES' LEATHER GLOVES.
Claims use since July 8, 1940.

Ser. No. 548,664. MERRITT-TAYLOR INC., New York, N. Y. Filed Feb. 3, 1948.

Season Aire

FOR LADIES' COATS AND SUITS.
Claims use since Dec. 11, 1947.

Ser. No. 548,687. PECK & PECK, New York, N. Y. Filed Feb. 3, 1948.

CANDIDATE

FOR WEARING APPAREL FOR WOMEN—NAMELY, COATS, SUITS, JACKETS, AND DRESSES.
Claims use since 1940.

Ser. No. 548,689. PECK & PECK, New York, N. Y. Filed Feb. 3, 1948.

POST&RAIL

FOR WEARING APPAREL FOR WOMEN—NAMELY, BLOUSES.
Claims use since September 1933.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 518,971. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed Aug. 8, 1947. Under section 2f of the act of 1946.

Peter Bain

The mark is the name of a particular individual, now deceased, written in the form of a facsimile signature. Applicant claims ownership of registration No. 190,306.
FOR BUCKLES OF NON-PRECIOUS METAL FOR BOTH WRIST WATCH STRAPS AND WEARING APPAREL BELTS.
Claims use since April 1923.

Ser. No. 518,974. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed Aug. 8, 1947. Under section 2f of the act of 1946.

Peter Bain by PIONEER

The term "Peter Bain" is the name of a particular individual, now deceased, and is written in the form of a facsimile signature which applicant has a right to use. Applicant claims ownership of registrations Nos. 52,371, 113,425, 119,771, 178,780, 190,306, 318,189, 353,797, and 384,564.

FOR BUCKLES OF NON-PRECIOUS METAL FOR BOTH WRIST WATCH STRAPS AND WEARING APPAREL BELTS.

Claims use since Dec. 1, 1920, as to "Peter Bain"; and since Feb. 20, 1947, as to the mark shown.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 534,385. J. P. STEVENS & CO., INC., New York, N. Y. Filed Sept. 11, 1947.

PEACE DALE

FOR WOOLEN FABRICS FOR WOMEN'S DRESS GOODS, FOR MEN'S WEAR, AND FOR MEN'S WEAR FLANNELS.

Claims use since 1872.

Ser. No. 536,166. SHAW & HALSTEAD (HAIRCLOTH) LIMITED, Radcliffe, England. Filed Sept. 29, 1947.

HEXHAM

FOR INTERLININGS BEING PIECE GOODS OF WORSTED OR HAIR.

Claims use since Jan. 1, 1935.

Ser. No. 538,800. THE P. R. MITCHELL CO., Cincinnati, Ohio. Filed Oct. 23, 1947.



No claim is made to the words "Extra-Tite" separate and apart from the mark.

FOR TICKING AND PIECE GOODS OF COTTON AND SYNTHETIC FIBERS.

Claims use since Oct. 10, 1947.

Ser. No. 540,090. NEW PROCESS COMPANY, Warren, Pa. Filed Nov. 4, 1947. Under section 2f of the act of 1946.

KEEPWARM

Applicant claims ownership of registration No. 257,417.

FOR TEXTILE BED BLANKETS.

Claims use since Nov. 17, 1926.

Ser. No. 541,800. W. A. BALLINGER & CO., San Francisco, Calif. Filed Nov. 20, 1947.

BAGER

Applicant claims ownership of registration No. 397,635.

FOR COTTON PIECE GOODS, SHEETS, PILLOW CASES, BEDSPREADS, TOWELS, TOWELING, CRASH, PIECE GOODS OF COTTON AND WOOL USED IN THE MANUFACTURE OF UNIFORMS AND GOWNS, COTTON AND WOOL BLANKETS, AND IRISH FLAX FELT.

Claims use since Mar. 1, 1923.

Ser. No. 542,100. THE DAYTON COMPANY, Minneapolis, Minn. Filed Nov. 24, 1947.

ROYAL

Applicant claims ownership of registration No. 59,631.

FOR TABLECLOTHS, NAPKINS, SHEETS, PILLOWCASES, AND TOWELS.

Claims use since Jan. 1, 1906.

Ser. No. 543,132. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

EAST-WEST

Applicant claims ownership of registration No. 334,593.

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK AND SYNTHETIC FIBERS.

Claims use since Oct. 21, 1935.

Ser. No. 543,137. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

PINROY

Applicant claims ownership of registration No. 376,847.

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.

Claims use since Oct. 2, 1939.

Ser. No. 543,139. CROMPTON COMPANY, Crompton, R. I. Filed Dec. 3, 1947.

WAYNESROY

FOR FABRICS IN THE PIECE COMPOSED OF COTTON, WOOL, SILK, AND SYNTHETIC FIBERS.

Claims use since Jan. 17, 1947.

Ser. No. 543,966. NATIONAL MALLINSON FABRICS CORPORATION, New York, N. Y. Filed Dec. 10, 1947.

TWILLTOUR

Applicant claims ownership of registration No. 81,282, renewed.

FOR FABRICS IN THE PIECE OF SILK AND SYNTHETIC FIBERS.

Claims use since Feb. 27, 1942.

Ser. No. 544,379. PATRICK-DULUTH CO., Duluth, Minn. Filed Dec. 15, 1947.

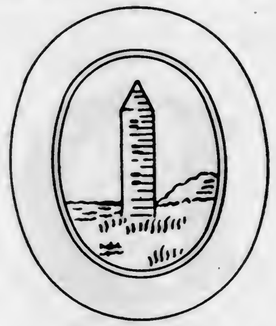
Patrick DULUTH

Applicant disclaims the word "Duluth" apart from the mark as shown. Applicant claims ownership of registration No. 142,221.

FOR WOOLEN FABRICS AND FABRICS MADE OF MIXTURES OF WOOL, COTTON, AND RAYON.

Claims use since Apr. 2, 1910.

Ser. No. 544,628. YORK STREET FLAX SPINNING CO. LIMITED, Belfast, Ireland. Filed Dec. 17, 1947.



Applicant claims ownership of registrations Nos. 163,911, 165,740, 404,293, 404,510, and Great Britain registration No. 356,117.

FOR LINEN PIECE GOODS AND LINEN UNION PIECE GOODS IN WHICH LINEN PREDOMINATES.

Claims use since Nov. 6, 1913.

Ser. No. 544,629. YORK STREET FLAX SPINNING CO. LIMITED, Belfast, Ireland. Filed Dec. 17, 1947.

TOWER FAST DYE

The words "Fast Dye" are disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 163,911, 165,740, 404,293, and 404,510.

FOR DYED LINEN PIECE GOODS AND DYED UNION PIECE GOODS IN WHICH LINEN PREDOMINATES.

Claims use since April 1922.

Ser. No. 545,802. WASHOUGAL WOOLEN MILLS, Washougal, Wash. Filed Dec. 30, 1947. Under section 2f of the act of 1946.

WASHOUGAL

Applicant claims ownership of registration No. 185,081.

FOR WOVEN, KNITTED, AND NETTED TEXTILE PIECE GOODS MADE OF WOOL AND SILK COLLECTIVELY COMBINED, TEXTILE BLANKETS, AUTOMOBILE ROBES, AND INDIAN SHAWLS IN THE NATURE OF BLANKETS.

Claims use since Apr. 1, 1912.

Ser. No. 546,364. BURLINGTON MILLS CORPORATION, Greensboro, N. C. Filed Jan. 7, 1948.

Saddleclub

FOR TWILL TROUSER FABRIC OF RAYON AND COTTON.

Claims use since February 1947.

Ser. No. 546,366. BURLINGTON MILLS CORPORATION, Greensboro, N. C. Filed Jan. 7, 1948.

YARDSTICK Gingham

The word "Gingham" is disclaimed apart from the mark as shown.

FOR COTTON GINGHAM.

Claims use since 1932.

Ser. No. 553,408. THE SCHWARZENBACH-HUBER COMPANY, New York, N. Y. Filed Mar. 30, 1948.

PEAU-DE-CETA

FOR FABRICS IN THE PIECE MADE OF RAYON, AND OF RAYON AND ACETATE.

Claims use since August 1936.

Ser. No. 554,642. ALEXANDER MANUFACTURING COMPANY, Forest City, N. C. Filed Apr. 15, 1948. Under section 2f of the act of 1946.

FOREST CITY

Applicant claims ownership of registration No. 412,619.

FOR BED SHEETS, SHEETINGS, AND PILLOW CASES.

Claims use since Apr. 29, 1942.

CLASS 43

THREAD AND YARN

Ser. No. 550,886. BERNHARD ALTMANN, New York, N. Y. Filed Mar. 1, 1948.



FOR YARNS MADE OF SILK, RAYON, WOOL, AND COTTON AND MIXTURES THEREOF.
Claims use since 1930.

Ser No. 551,044. RHEE ELASTIC THREAD CORPORATION, Warren, R. I. Filed Mar. 2, 1948.

Rheeflex

FOR RUBBER THREADS.
Claims use since January 1947.

Ser. No. 551,058. THE SPOOL COTTON COMPANY, New York, N. Y. Filed Mar. 2, 1948. Under section 2f of the act of 1946.

BOILFAST

FOR THREAD AND YARN.
Claims use since Mar. 4, 1925.

Ser. No. 551,112. S. S. KRESGE COMPANY, Detroit, Mich. Filed Mar. 3, 1948.

Mary Anne

FOR WOOLEN YARNS, AND KNITTING WORSTED.
Claims use since Jan. 25, 1948.

Ser. No. 552,530. BATES & CO (HUDDERSFIELD), LIMITED, Huddersfield, England. Filed Feb. 17, 1948.

BATELLA

Applicant claims ownership of Great Britain registration No. 646,755.
FOR YARNS WHOLLY OR MAINLY OF WOOL OR WORSTED.
Claims use since Apr. 8, 1946.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 537,379. W. E. ISLE COMPANY, doing business under the name and style of The Knit-Rite Company, Kansas City, Mo. Filed Oct. 9, 1947. Under section 2f of the act of 1946.

KNIT-RITE

FOR ARTIFICIAL LIMB PARTS—NAMELY, BELOW KNEE JOINTS, ANKLE JOINTS, BACK CHECKS FOR ABOVE KNEE LIMBS, KNEE JOINTS FOR ABOVE KNEE LIMBS, AND FOR STUMP SOCKS.
Claims use since 1926.

Ser. No. 540,388. COLOSTOM-EASE, INC., Pittsburgh, Pa. Filed Nov. 7, 1947.

Colostom-Ease

FOR COLOSTOMY IRRIGATORS AND COLOSTOMY PROTECTORS.
Claims use since Aug. 15, 1947.

Ser. No. 542,245. DELONG & PREVOST, INC., Worcester, Mass. Filed Aug. 22, 1947.



Applicant claims ownership of registration No. 142,499.
FOR DENTAL SPECIALTIES—NAMELY, SAND-PAPER DISKS, SEPARATING-DISKS, ABRASIVE WHEELS, GARNET-PAPER CONES, AND ABRASIVE ARBOR BANDS.
Claims use since Nov. 1, 1913.

Ser. No. 543,364. SCOVILL MANUFACTURING COMPANY, Racine, Wis., and Waterbury, Conn. Filed Oct. 7, 1947. Under section 2f of the act of 1946.

VIBRO-MASSAGER

Applicant claims ownership of registration No. 371,343.
FOR THERAPEUTIC VIBRATORS.
Claims use since May 19, 1938.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 469,034. THE COLUMBIA RESTAURANT, Tampa, Fla. Filed Sept. 2, 1947. Under section 2f of the act of 1946.



No claim is made to the word "Restaurant" apart from the mark as shown on the drawing.
FOR STEAK CAPUCHINA OR COOKED BEEFSTEAK, COCOANUT ICE CREAM, CHICKEN WITH YELLOW RICE, AND SPANISH BEAN SOUP, CANNED AND OTHERWISE CONTAINED.
Claims use since Mar. 10, 1938.

Ser. No. 509,844. HIGHLAND MUTUAL GROVES, INC., Highland, Calif. Filed Oct. 6, 1947.

HIGHLAND HEATHER

No claim is made to the word "Highland" apart from the mark. Applicant claims ownership of registration No. 373,282.
FOR FRESH ORANGES.
Claims use since Aug. 30, 1946.

Ser. No. 510,125. J. STROMEYER COMPANY, Philadelphia, Pa. Filed July 5, 1947. Under section 2f of the act of 1946.

ALBEMARLE

FOR MOLASSES.
Claims use since 1931.

Ser. No. 527,384. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

RAJAH

Applicant claims ownership of registration No. 251,357.
FOR SALAD DRESSING.
Claims use since June 28, 1927.

Ser. No. 531,091. BUBBLES, INC., Brooklyn, N. Y., assignor to Topps Chewing Gum, Incorporated, Brooklyn, N. Y., a corporation of New York. Filed Aug. 12, 1947.



Applicant claims ownership of registration No. 858,368.
FOR BUBBLE GUM.
Claims use since Apr. 21, 1947.

Ser. No. 532,312. MAJOR DISTRIBUTING COMPANY, Salinas, Calif. Filed Aug. 25, 1947. Under section 2f of the act of 1946.

MONTE REY

Applicant claims ownership of registration No. 330,961.
FOR FRESH VEGETABLES.
Claims use since Apr. 8, 1930.

Ser. No. 532,452. ALFRED C. HILL, doing business as Hill's Cafe, Vernon, Tex. Filed Aug. 26, 1947.



Applicant disclaims any exclusive use of the representation of the frankfurters, except in the association shown.
FOR SANDWICHES.
Claims use since Apr. 9, 1946.

Ser. No. 536,003. WILLARD H. SMITH, doing business as Smithstone Kennel Supply Co., Dublin, Pa. Filed Sept. 27, 1947.

INKY

FOR DOG AND CAT FOOD.
Claims use since July 15, 1947.

Ser. No. 536,239. CRAFTEST FOODS, INC., Sand Springs, Okla. Filed Sept. 30, 1947.

Craftest

FOR PEANUT BUTTER, FRUIT JELLIES, AND FRUIT PRESERVES.
Claims use since Sept. 15, 1947.

Ser. No. 538,646. JOSEPH LENTINI, doing business as Lentini Packing Co., Brooklyn, N. Y. Filed Oct. 22, 1947.



FOR EDIBLE OILS CONTAINING OLIVE OIL AND PEANUT OIL.
Claims use since May 1, 1938.

Ser. No. 539,080. PHENIX PABST-ETT COMPANY, Chicago, Ill. Filed Oct. 25, 1947. Under section 2f of the act of 1946.

Nippy

FOR CHEESE PRODUCT CONTAINING AMERICAN CHEESE AS ITS PRINCIPAL INGREDIENT.
Claims use since June 1910.

Ser. No. 539,316. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y. Filed Oct. 28, 1947.

Talco

Applicant claims ownership of registrations Nos. 293,146 and 500,064.
FOR DAIRY FEED.
Claims use since 1934.

Ser. No. 539,592. EAGLE ROLLER MILL CO., doing business as New Ulm Roller Mill Co., New Ulm, Minn. Filed July 5, 1947.

COMPASS

Applicant claims ownership of registration No. 64,446.
FOR WHEAT FLOUR, RYE FLOUR, AND CORN MEAL.
Claims use since Apr. 1, 1907.

CLASS 47

WINES

Ser. No. 537,618. F. PIRRONE & SONS, INC., Garfield, N. J. Filed Oct. 11, 1947. Under section 2f of the act of 1946.

P

Pirrone

Applicant claims ownership of registration No. 392,443.
FOR WINE.
Claims use since Oct. 1, 1939.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 534,849. THE WOODEN SHOE BREWING COMPANY, Minster, Ohio. Filed Sept. 17, 1947.

Wooden Shoe

Applicant claims ownership of registrations Nos. 333,953 and 333,956.
FOR BEER AND ALE.
Claims use since 1914.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 532,482. OLD POINDEXTER DISTILLERY, INCORPORATED, Ekron, Ky. Filed Aug. 26, 1947. Under section 2f of the act of 1946.

Old Poindexter

Applicant claims ownership of registration No. 310,247.
FOR BOURBON WHISKEY.
Claims use since October 1941.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 508,851. MARCALUS MANUFACTURING CO. INC., East Paterson, N. J. Filed Sept. 15, 1947.

MARCAL
PRODUCTS
ALL-WAYS DEPENDABLE

The words "Products All-Ways Dependable" are disclaimed. Applicant claims ownership of registration No. 373,031.
FOR DRINKING STRAWS.
Claims use since April 1939.

Ser. No. 542,259. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md. Filed Aug. 28, 1947.

CANAX

Applicant claims ownership of registration No. 104,419.
FOR ARTIFICIAL CORK DISKS AND BOTTLE-CLOSURES OF THE METALLIC CROWN TYPE OF WHICH SAID DISKS ARE A PART.
Claims use since May 16, 1914.

Ser. No. 546,156. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md. Filed Aug. 28, 1947.

NP

Applicant claims ownership of registration No. 59,021.
FOR METALLIC CORK-LINED BOTTLE STOPPERS.
Claims use since Aug. 15, 1906.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

441,137. LAUNDRY STARCH. THE AMERICAN PRODUCTS COMPANY, doing business as Zanol Products Company, Cincinnati, Ohio, assignor to The R. L. Flett Company, Cincinnati, Ohio, a corporation of Ohio.

Filed February 18, 1944. Serial No. 467,508. PUBLISHED DECEMBER 24, 1946. Class 6.

441,138. CREAM OF TARTAR, SALERATUS, BAKING SODA, PETROLATUM, EPSOM SALTS, CAMPHOR, FRIARS' BALSAM, AND SULPHUR. JOHN BIRD COMPANY, doing business as The Atlantic Spice Company, Rockland, Maine.

Filed April 16, 1945. Serial No. 482,193. PUBLISHED MARCH 9, 1948. Class 6.

441,139. INSECTICIDES AND FLY AND INSECT SPRAY IN THE FORM OF A GARDEN DUST FOR HORTICULTURAL USE. BENJAMIN D. SMITH, doing business as Smith Manufacturing Company, Utica, N. Y.

Filed July 2, 1945. Serial No. 485,371. PUBLISHED NOVEMBER 27, 1945. Class 6.

441,140. TOILET PREPARATIONS—NAMELY, PERFUMES. RENÉE LACOSTE, Detroit, Mich.

Filed October 22, 1945. Serial No. 490,316. PUBLISHED MAY 25, 1948. Class 6.

441,141. FROZEN FRESH PEACHES, BLACKBERRIES, RASPBERRIES, AND STRAWBERRIES, AND FOR CANNED PUMPKINS, CANNED SWEET POTATOES, AND CANNED TOMATOES. TENNESSEE FRESH FROZEN FOODS, INC., Portland, Tenn.

Filed October 26, 1945. Serial No. 490,552. PUBLISHED JULY 27, 1948. Class 46.

441,142. LAXATIVE AND ANTACID. E. D. ROBERTS, doing business as Modern Drug Products, Atlanta, Ga.

Filed December 7, 1945. Serial No. 492,858. PUBLISHED JULY 27, 1948. Class 6.

441,143. SANITARY BELTS. SAM-SON SUPPLY MANUFACTURING CORP., Brooklyn, N. Y.

Filed February 4, 1946. Serial No. 495,992. PUBLISHED SEPTEMBER 2, 1947. Class 44.

441,144. FACE POWDER, DUSTING POWDER, TOILET WATER, PERFUME, SUNTAN OIL, SKIN AND HAIR LOTIONS, ETC. COTY, INC., New York, N. Y.

Filed March 20, 1946. Serial No. 498,606. PUBLISHED DECEMBER 31, 1946. Class 6.

441,145. WOVEN, KNITTED, AND NETTED PIECE GOODS OF VINYL-TYPE PLASTIC YARNS. THE FIRESTONE TIRE & RUBBER COMPANY, Akron, Ohio.

Filed March 23, 1946. Serial No. 498,831. PUBLISHED JULY 13, 1948. Class 42.

441,146. CLOCKS, WATCHES, POCKET WATCHES, STRAP WATCHES, CLIP WATCHES, FOB WATCHES, WATCHES FOR LADIES OR GENTLEMEN, AND OTHER TIMEPIECES WITH OR WITHOUT PRECIOUS OR SEMI-PRECIOUS STONES. SPAULDING & COMPANY, Chicago, Ill.

Filed April 24, 1946. Serial No. 500,839. PUBLISHED MAY 18, 1948. Class 27.

441,147. PERFUME, TOILET WATER, FACE POWDER, AND LIPSTICK. HENRI BENDEL, INC., New York, N. Y.

Filed April 27, 1946. Serial No. 501,041. PUBLISHED AUGUST 3, 1948. Class 6.

441,148. LATEX, WITH AND WITHOUT ADDED COMPOUNDING AND CONDITIONING INGREDIENTS, ETC. AMERICAN ANODE INC., Wilmington, Del., and Akron, Ohio.

Filed May 27, 1946. Serial No. 502,783. PUBLISHED JUNE 1, 1948. Class 1.

441,149. FOR SACHET POWDERS, BATH SALTS AND CRYSTALS, AND BATH POWDERS, FACE AND SKIN BLEACHES, ETC. SOCIETE A RESPONSABILITE LIMITEE: LABORATOIRES DU "SANOPOL," Seine, France.

Filed May 29, 1946. Serial No. 503,015. PUBLISHED AUGUST 3, 1948. Class 6.

441,150. ICE CREAM. COASTAL DAIRY PRODUCTS, INC., Wilson, N. C.

Filed May 31, 1946. Serial No. 503,058. PUBLISHED JANUARY 28, 1947. Class 46.

441,151. COSMETIC SET CONSISTING OF COLOGNE AND BODY POWDER. AVON PRODUCTS, INC., New York, N. Y.

Filed June 11, 1946. Serial No. 503,626. PUBLISHED AUGUST 3, 1948. Class 6.

441,152. DETERGENT FOR THE HANDS. GEORGE FURNHOLM, doing business as The Paos Laboratories, Minneapolis, Minn.

Filed June 27, 1946. Serial No. 504,669. PUBLISHED JULY 27, 1948. Class 4.

441,153. HAT BOXES, GARMENT BAGS, AND REFRIGERATOR BAGS MADE OF PLASTIC MATERIAL. HOUSEHOLD PAPER PRODUCTS CO., Detroit, Mich.

Filed June 28, 1946. Serial No. 504,769. PUBLISHED JANUARY 6, 1948. Class 2.

441,154. PIECE GOODS OF LINEN, COTTON, RAYON, OR MIXTURES THEREOF, TABLE CLOTHS, NAPKINS, DOILIES, CHAIR BACKS, AND TOWELS. BLACKSTAFF FLAX SPINNING AND WEAVING COMPANY LIMITED, Belfast, Northern Ireland.

Filed July 2, 1946. Serial No. 504,959. PUBLISHED JULY 20, 1948. Class 42.

441,155. PERFUMES. GREGOIRE OVSIANICO, Paris, France.

Filed July 19, 1946. Serial No. 505,911. PUBLISHED JULY 27, 1948. Class 6.

441,156. PIECE GOODS COMPOSED WHOLLY OF RAYON OR OF RAYON IN COMBINATION WITH NATURAL, SYNTHETIC OR SEMI-SYNTHETIC FIBERS. NORTH AMERICAN RAYON CORPORATION, New York, N. Y.

Filed July 24, 1946. Serial No. 506,189. PUBLISHED JULY 20, 1948. Class 42.

441,157. SPARK PLUG CLEANING ABRASIVE. HENRY H. MANCHESTER, doing business as Southern Sales Service, San Diego, Calif.

Filed July 29, 1946. Serial No. 506,460. PUBLISHED JULY 27, 1934. Class 4.

441,158. FERTILIZERS—NAMELY, FERTILIZER SUBSTANCES AND PLANT GROWTH STIMULATORS, COMPRISING PHOSPHATES, ETC. FERTIL-CEL GARDENS, West Palm Beach, Fla., and New York, N. Y.

Filed July 29, 1946. Serial No. 506,490. PUBLISHED JULY 13, 1948. Class 10.

441,159. SPECIALLY GROUND OR COMMINUTED WOOD FOR ADDITION TO THE DRILL MUD USED IN ROTARY WELL DRILLING OPERATIONS, ETC. THE PACIFIC LUMBER COMPANY, San Francisco, Calif.

Filed July 30, 1946. Serial No. 506,544. PUBLISHED SEPTEMBER 23, 1947. Class 1.

441,160. CHEMICAL COMPOUNDS USED AS AN ANTI-MILDEW AGENT FOR THE TREATMENT OF TEXTILES, PAPER, ROPE, SIZING MATERIALS, ADHESIVES, PAINTS AND CERTAIN OTHER MATERIALS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.

Filed August 1, 1946. Serial No. 506,654. PUBLISED JULY 27, 1948. Class 6.

441,161. LEAD, TIN, AND ANTIMONY PRODUCTS—NAMELY, SOLDER, SOLDER IN THE SHAPE OF WASHERS HAVING CENTRAL APERTURES, FOIL, FUSIBLE ALLOYS, BABBITT METAL, ANODES USED IN PLATING METAL. DIVISION LEAD CO., Chicago, Ill.

Filed August 22, 1946. Serial No. 507,808. PUBLISHED JULY 20, 1948. Class 14.

441,162. MIXTURES CONTAINING AND CONSISTING OF ORGANOSILICON POLYMERS WHICH CURE TO ELASTOMERS OF RUBBERY CHARACTER, COMPOSITIONS CONTAINING AND CONSISTING OF ORGANOSILICON POLYMERS WHICH CURE TO RESINOUS POLYMERS. DOW CORNING CORPORATION, Midland, Mich.

Filed September 6, 1946. Serial No. 508,587. PUBLISHED JULY 27, 1948. Class 1.

441,163. FACE AND BODY LOTION, COLOGNE, FACE AND BODY POWDER, BODY DEODORANT, HAIR DRESS, AND SHAMPOO. CAMERON DISTRIBUTORS, Mount Vernon, N. Y.

Filed September 10, 1946. Serial No. 508,785. PUBLISHED AUGUST 3, 1948. Class 6.

441,164 LAUNDRY APPLIANCES AND MACHINES—NAMELY, WASHING MACHINES, ETC. MANUFACTURERS AND FABRICATORS, INC., Elyria, Ohio.

Filed September 21, 1946. Serial No. 509,522. PUBLISHED JULY 27, 1948. Class 24.

441,165. DETERGENT PREPARATION IN GRANULAR FORM FOR USE IN FABRIC LAUNDERING MACHINES, THE SAID PREPARATION HAVING WATER SOFTENING PROPERTIES. CENTRAL STATES LABORATORIES, Columbus, Ohio.

Filed October 15, 1946. Serial No. 510,879. PUBLISHED SEPTEMBER 16, 1947. Class 4.

441,166. DECORATIVE WALL AND SURFACE COVERING MADE OF PLYWOOD PRESENTING A TESSELLATED APPEARANCE AND SOLD IN THE FORM OF SHEETS OR STRIPS. MULLER & BARRINGER, doing business as Muller-Barringer, New York, N. Y.

Filed October 23, 1946. Serial No. 511,349. PUBLISHED JULY 13, 1948. Class 12.

441,167. FUSIBLE RESINOUS PLASTIC MOLDING COMPOUNDS FOR GENERAL USE IN THE INDUSTRIAL ARTS. THE B. F. GOODRICH COMPANY, Akron, Ohio.

Filed October 31, 1946. Serial No. 511,810. PUBLISHED AUGUST 3, 1948. Class 1.

441,168 CLOTHES-PINS. THE FORSTER MANUFACTURING COMPANY, INC., Strong, Maine.

Filed December 10, 1946. Serial No. 513,972. PUBLISHED AUGUST 3, 1948. Class 24.

441,169. CHEMICAL PREPARATION USED AS A WATER SOFTENER; CHEMICAL DEODORIZING PREPARATION USED AS A DRAIN PIPE OPENER; CHEMICAL DEODORIZING PREPARATION USED AS FLUSH BOWL CLEANER; CHEMICAL PREPARATION USED FOR DEODORIZING AND PURIFYING HOUSEHOLD REFRIGERATORS AND THE LIKE. THE AMERICAN PRODUCTS COMPANY, Cincinnati, Ohio, assignor to Royal Home Products, Incorporated, Richmond, Va., a corporation of Virginia.

Filed January 15, 1947. Serial No. 515,981. PUBLISHED OCTOBER 28, 1947. Class 6.

441,170. BLEND OF CREAM CHEESE, ROQUEFORT CHEESE, SPICES, AND SELECTED MEATS. KRAFT FOODS COMPANY, Chicago, Ill.

Filed January 31, 1947. Serial No. 516,702. PUBLISHED JULY 27, 1948. Class 46.

441,171. CHEMICAL COMPOUNDS USED AS A CLEANER AND DETERGENT HAVING THE INCIDENTAL PROPERTIES OF A DISINFECTANT, AND USED PRIMARILY IN THE DAIRY AND RELATED INDUSTRIES. ARNO J. LUTH, doing business as Falls Chemical Products Co., Oconto Falls, Wis.

Filed February 12, 1947. Serial No. 517,373. PUBLISHED JULY 13, 1948. Class 4.

441,172. LIQUID WATER SOLUBLE, POLYMERIZABLE PHENOLIC CASTING RESIN COMPOSITION. CALRESIN CORPORATION, Culver City, Calif.

Filed February 24, 1947. Serial No. 517,939. PUBLISHED JUNE 15, 1948. Class 1.

441,173. LIPSTICK, FACE POWDER, HAND LOTION, AND PERFUME. OLIVE SMITH, Chicago, Ill., assignor, by mesne assignments, to Consolidated Cosmetics, Chicago, Ill., a partnership, composed of James L. Younghusband and Howard Younghusband.

Filed March 12, 1947. Serial No. 518,915. PUBLISHED JANUARY 13, 1948. Class 6.

441,174. NAIL AND CUTICLE NIPPERS. VOSS CUTLERY COMPANY, INC., New York, N. Y.

Filed April 18, 1947. Serial No. 520,987. PUBLISHED JULY 27, 1948. Class 44.

441,175. MECHANICALLY GROOVED PHONOGRAPH RECORDS. TRIANON PUBLICATIONS, Detroit, Mich.

Filed April 23, 1947. Serial No. 521,225. PUBLISHED AUGUST 3, 1948. Class 36.

441,176. BRINE PUTTY, COMPOSED OF ASPHALTUM AND MIXED CORK, AND USED FOR FILLING SPACES BETWEEN PIPES AND PIPE-FITTING COVERS ON PIPES AND VALVES, AND PLASTIC ASPHALT MIXTURE SEAM FILLER FOR FILLING SEAMS, ETC. MUNDET CORK CORPORATION, Brooklyn, N. Y.

Filed April 30, 1947. Serial No. 521,597. PUBLISHED JUNE 29, 1948. Class 12.

441,177. LADIES' AND MEN'S UMBRELLAS. FRIEDMAN & SONS, New York, N. Y.

Filed May 10, 1947. Serial No. 522,189. PUBLISHED AUGUST 3, 1948. Class 41.

441,178. ADHESIVE CEMENTS CONTAINING NATURAL OR SYNTHETIC RUBBER. ADHESIVE PRODUCTS CORPORATION, New York, N. Y.

Filed June 4, 1947. Serial No. 523,558. PUBLISHED JULY 27, 1948. Class 5.

441,179. VEGETABLE AND FLOWER SEEDS, BULBS, AND PLANTS, AND SOIL. JAMES VICK'S SEEDS, INC., Philadelphia, Pa.

Filed June 5, 1947. Serial No. 523,631. PUBLISHED JULY 27, 1948. Class 1.

441,180. TABLE-CLOTHS AND COVERINGS—NAMELY, TABLE COVERS, PLACE MATS, AND RUNNERS. POST & SHERMAN, New York, N. Y.

Filed June 7, 1947. Serial No. 523,801. PUBLISHED JULY 13, 1948. Class 42.

441,181. YARNS AND THREADS OF RAYON, SPUN RAYON, PROTEIN, NYLON, AND MIXTURES THEREOF; AND TWISTED SYNTHETIC STRAW AND TWISTED SYNTHETIC HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,042. PUBLISHED JUNE 8, 1948. Class 43.

441,182. YARNS AND THREADS OF RAYON, SPUN RAYON, PROTEIN, NYLON, AND MIXTURES THEREOF; AND TWISTED SYNTHETIC STRAW, AND TWISTED SYNTHETIC HORSEHAIR. ALGEMEENE KUNSTZIJDE UNIE, N. V., Arnhem, Netherlands.
Filed June 12, 1947. Serial No. 524,043. PUBLISHED JUNE 8, 1948. Class 43.

441,183. KNITTED WOOL FLEECE PIECE GOODS. WARREN FABRICS CO., INC., New York, N. Y.
Filed June 14, 1947. Serial No. 524,222. PUBLISHED JULY 27, 1948. Class 42.

441,184. ARTIFICIAL TEETH. THE DENTISTS' SUPPLY COMPANY OF NEW YORK, New York, N. Y.
Filed June 17, 1947. Serial No. 524,306. PUBLISHED JULY 13, 1948. Class 44.

441,185. ARTIFICIAL TEETH. THE DENTISTS' SUPPLY COMPANY OF NEW YORK, New York, N. Y.
Filed June 17, 1947. Serial No. 524,307. PUBLISHED JUNE 27, 1948. Class 44.

441,186. PRINTING INKS, LITHOGRAPHING INKS; AND PIGMENTS, DYES, DYESTUFFS, DRY COLORS, OILS AND VARNISHES FOR MANUFACTURE OF PRINTING AND LITHOGRAPHING INKS. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio.
Filed June 24, 1947. Serial No. 524,731. PUBLISHED JULY 27, 1948. Class 11.

441,187. HEAVY PASTE CONSISTENCY WATER PROOF ADHESIVE. GOODLOE E. MOORE COMPANY, Danville, Ill.
Filed June 25, 1947. Serial No. 524,807. PUBLISHED JULY 27, 1948. Class 5.

441,188. TOBACCO POUCHES. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed July 1, 1947. Serial No. 525,369. PUBLISHED JULY 27, 1948. Class 8.

ACT OF 1920

These registrations are not subject to opposition.

441,189. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ATLAS INSTRUMENT COMPANY, Haddonfield, N. J. Filed Jan. 22, 1946. Serial No. 495,160.

Trim

FOR ELECTRIC SCISSORS FOR USE IN CUTTING PIECE GOODS AND THE LIKE.
Claims use since Nov. 12, 1945.

441,190. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CONSUMERS GAS COMPANY OF GEORGIA, INC., Albany, Ga. Filed Feb. 15, 1946. Serial No. 496,609.

GLOGAS

FOR BOTTLED PROPANE HEATING GAS.
Claims use since June 12, 1945.

441,191. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MAILLARD CORP., New York, N. Y. Filed July 4, 1947. Serial No. 526,265.



FOR BREATH REFRESHENER AND THROAT EASING MINT.
Claims use since 1932.

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503,334. ARTIFICIAL TEETH. MYERSON TOOTH CORPORATION, Cambridge, Mass., by change of name from Ideal Tooth Incorporated.
Filed September 18, 1947. Serial No. 474,123. PUBLISHED JULY 27, 1948. Class 44.

503,335. COTTON PIECE GOODS. THE F. & R. LAZARUS & COMPANY, Columbus, Ohio.
Filed September 22, 1947. Serial No. 480,338. PUBLISHED JULY 20, 1948. Class 42.

503,336. PAPER BAGS AND MERCHANDISE ENVELOPES. PROTECTIVE PACKAGING CORPORATION, Newark, N. J.
Filed August 20, 1947. Serial No. 487,438. PUBLISHED AUGUST 3, 1948. Class 2.

503,337. WATER REPELLENT AND CONDITIONER FOR FABRICS. FRANKLIN RESEARCH COMPANY Philadelphia, Pa.
Filed July 18, 1947. Serial No. 490,426. PUBLISHED AUGUST 3, 1948. Class 6.

503,338. METAL CASES FOR PACKING, STORING, AND TRANSPORTING FREIGHT AND MERCHANDISE. AIRVANS, INC., Toledo, Ohio.
Filed October 17, 1947. Serial No. 493,239. PUBLISHED JULY 27, 1948. Class 2.

503,339. TOOL STEEL IN THE FORM OF HEAT TREATED BILLETS, BARS, SHEETS AND PLATES, CIRCLES, STAMPED OR CUT FROM PLATES OR SHEETS FOR USE IN FABRICATING INTO SUCH ARTICLES AS CIRCULAR SAWS, ETC. VANADIUM-ALLOYS STEEL COMPANY, Latrobe, Pa.
Filed October 10, 1947. Serial No. 495,528. PUBLISHED JULY 13, 1948. Class 14.

503,340. MATZOHS, MATZOH MEAL, NOODLE SOUP MIX, ALIMENTARY PASTES, POTATO PANCAKE MIX, MATZOH CEREAL, MATZOH CAKE MEAL AND MATZOH FERFEL. HOROWITZ BROS. & MARGARETEN, New York, N. Y.
Filed August 26, 1947. Serial No. 495,972. PUBLISHED JULY 27, 1948. Class 46.

503,341. NON-SLIP ROLLED STEEL FLOOR PLATE. INLAND STEEL COMPANY, Chicago, Ill.
Filed July 19, 1947. Serial No. 497,182. PUBLISHED JULY 13, 1948. Class 12.

503,342. TYPEWRITER RIBBON AND CARBON PAPER. UNDERWOOD CORPORATION, New York, N .Y.
Filed November 7, 1947. Serial No. 497,513. PUBLISHED JULY 27, 1948. Class 11.

503,343. COTTON, WOOLEN, AND RAYON PIECE GOODS AND COMBINATIONS THEREOF. BIBB MANUFACTURING COMPANY, Macon, Ga.
Filed August 25, 1947. Serial No. 499,817. PUBLISHED JULY 20, 1948. Class 42.

503,344. LEATHER. MONARCH LEATHER COMPANY, Chicago, Ill.
Filed August 8, 1947. Serial No. 500,626. PUBLISHED AUGUST 3, 1948. Class 1.

503,345. FOUNDRY SUPPLIES—NAMELY, ADHESIVE BINDER FOR CORE PARTICLES AND PARTS, ADHESIVE COMPONENTS FOR CORE FORMATION; ADHESIVE CORE OIL AND PASTE. WHITEHEAD BROTHERS COMPANY, New York, N. Y.
Filed August 16, 1947. Serial No. 502,050. PUBLISHED JULY 27, 1948. Class 5.

503,346. GERMICIDAL RINSE FOR GLASSWARE. PHILIP E. BRAY, doing business as United Chemical Company, Winona, Minn.
Filed November 19, 1947. Serial No. 502,683. PUBLISHED JULY 27, 1948. Class 6.

503,347. THIN FILM MADE OF PLASTIC AND SOLD IN THE FORM OF CONTINUOUS AND CUT LENGTHS, TUBING AND SHEETS FOR USE IN MAKING ORDINARY HOUSEHOLD ARTICLES SUCH AS KITCHEN UTENSIL COVERS, ETC. THE VISKING CORPORATION, Chicago, Ill.
Filed July 5, 1947. Serial No. 504,650. PUBLISHED JULY 27, 1948. Class 42.

503,348. INSECTICIDES, LAXATIVES, GERMICIDES, ETC. LOUISIANA DRUG CO., INC., Opelousas, La.
Filed September 25, 1947. Serial No. 505,359. PUBLISHED JULY 27, 1948. Class 6.

503,349. LIQUID LAUNDRY BLUE. PATEK AND CO., San Francisco, Calif.
Filed November 24, 1947. Serial No. 505,916. PUBLISHED JULY 27, 1948. Class 6.

503,350. EGG CARTONS. EMPIRE BOX CORPORATION, Garfield, N. J.
Filed August 22, 1947. Serial No. 506,019. PUBLISHED JULY 27, 1948. Class 2.

503,351. HOUSEHOLD CEMENT. MORTON MANUFACTURING CORPORATION, also doing business as Blair of Virginia, Lynchburg, Va.
Filed August 19, 1947. Serial No. 506,187. PUBLISHED JULY 27, 1948. Class 5.

503,352. WOVEN TEXTILE FABRICS—NAMELY, FABRICS IN THE PIECE MADE OF WOOL, SILK, COTTON, RAYON, AND MIXTURES OF THE SAME. GROPPER KNITTING MILLS, INC., New York, N. Y.
Filed August 7, 1947. Serial No. 508,652. PUBLISHED JULY 20, 1948. Class 42.

503,353. MEDICINAL JELLY USED IN THE TREATMENT OF WOUNDS AND BURNS. LANTEEN MEDICAL LABORATORIES, INC., Chicago, Ill.
Filed November 6, 1947. Serial No. 509,014. PUBLISHED JULY 27, 1948. Class 6.

503,354. HAND SOAP, BATH SOAP, SHAVING SOAP BOWL, SHAVING STICK. MARK CROSS COMPANY, New York, N. Y.
Filed October 22, 1947. Serial No. 510,186. PUBLISHED JULY 27, 1948. Class 4.

503,355. CYMBALS. C. G. CONN LTD., Elkhart, Ind.
Filed July 11, 1947. Serial No. 511,538. PUBLISHED JULY 27, 1948. Class 36.

503,356. SPONGES. HERMAN K. HOULBERG, doing business as Red Band Products, Chicago, Ill.
Filed July 25, 1947. Serial No. 511,816. PUBLISHED AUGUST 3, 1948. Class 1.

503,357. SMOKERS' PIPES, TOBACCO POUCHES, CIGARETTE PAPERS CUT TO SIZE, AND ASHTRAYS, ASH RECEIVERS, HUMIDORS, CIGAR AND CIGARETTE HOLDERS MADE OF BASE METAL OR COMPOSITION MATERIAL. JOHN HUDSON MOORE, INC., New York, N. Y.
Filed August 2, 1947. Serial No. 512,078. PUBLISHED AUGUST 3, 1948. Class 8.

503,358. MANUFACTURED FRAME CONSTRUCTION BUILDINGS IN KNOCK DOWN FORM READY FOR QUICK ASSEMBLY, INCLUDING SEPARATE UNIT PARTS THEREOF. LOUIS E. LEGG, doing business as Louis E. Legg Lumber Company (not Inc.), Marshall, Mich.
Filed October 24, 1947. Serial No. 513,827. PUBLISHED JUNE 29, 1948. Class 12.

503,359. CLEANING, POLISHING AND BUFFING PREPARATION FOR CLEANING AND POLISHING METAL, GLASS, PLASTIC, AND MARBLE. THE MATCHLESS METAL POLISH CO., Chicago, Ill.
Filed October 8, 1947. Serial No. 514,767. PUBLISHED JULY 27, 1948. Class 4.

503,360. RIBBON, SOLD BY THE PIECE. CLASSE RIBBON WORKS, INC., Anniston, Ala.
Filed August 14, 1947. Serial No. 514,801. PUBLISHED JULY 13, 1948. Class 42.

503,361. NON-FERROUS METAL CASTINGS. PERMACEL ALUMINUM & BRONZE CORPORATION, Waltham, Mass.
Filed September 22, 1947. Serial No. 514,839. PUBLISHED JULY 13, 1948. Class 14.

503,362. FOUNDRY SUPPLIES—NAMELY, FACING, PARTING, BLACKING AND CORE WASH. WHITEHEAD BROTHERS COMPANY, New York, N. Y.
Filed August 16, 1947. Serial No. 515,209. PUBLISHED JULY 27, 1948. Class 1.

503,363. COMPACTS AND VANITYS MADE OF LEATHER FOR THE RECEPTION OF POWDER, POWDER PUFFS, LIPSTICK, AND OTHER ARTICLES, AND SOLD UNFILLED. RUTH F. PARKER, Memphis, Tenn.
Filed July 9, 1947. Serial No. 515,902. PUBLISHED JULY 27, 1948. Class 2.

503,364. RAYON PIECE GOODS. ARTHUR S. HEIMAN, INC., New York, N. Y.
Filed August 7, 1947. Serial No. 518,294. PUBLISHED JULY 20, 1948. Class 42.

503,365. RAYON PIECE GOODS. ARTHUR S. HEIMAN, INC., New York, N. Y.
Filed August 7, 1947. Serial No. 518,673. PUBLISHED JULY 20, 1948. Class 42.

503,366. CLOTHES WASHING MACHINES. SOLAR CORPORATION, doing business as Beam Manufacturing Company, Milwaukee, Wis., and Webster City, Iowa.
Filed July 5, 1947. Serial No. 519,104. PUBLISHED AUGUST 3, 1948. Class 24.

503,367. RECEPTACLES—NAMELY, PAPER CARTONS, BOXES AND BAGS. FRANK D. PALMER, INC., Chicago, Ill.
Filed August 26, 1947. Serial No. 520,646. PUBLISHED AUGUST 3, 1948. Class 2.

503,368. POLISHING AND BUFFING COMPOUND FOR SILVER, BRASS, GOLD, BRONZE, COPPER, AND OTHER NON-FERROUS METAL. E. REED BURNS MFG. CORPORATION, Brooklyn, N. Y.
Filed September 3, 1947. Serial No. 520,768. PUBLISHED JULY 27, 1948. Class 4.

503,369. CAST AND SPLINT FORMING FABRIC MATERIAL. THE TOWER CO., INC., Seattle, Wash.
Filed August 20, 1947. Serial No. 522,316. PUBLISHED JULY 27, 1948. Class 44.

503,370. LOWER MOLECULAR WEIGHT DI-ALKYLENE GLYCOLS AND MIXTURES THEREOF, E. G., MIXED DI-ETHYLENE GLYCOL AND DI-PROPYLENE GLYCOL, FOR INDUSTRIAL USES. WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich.
Filed November 12, 1947. Serial No. 523,124. PUBLISHED AUGUST 3, 1948. Class 6.

503,371. POWDERED CLEANSER FOR GENERAL HOUSEHOLD USE AND ALSO CERTAIN COMMERCIAL USES, SUCH AS IN LAUNDRIES AND IN THE CLEANING OF DAIRY EQUIPMENT. PUREX CORPORATION, LTD., South Gate, Calif.
Filed October 23, 1947. Serial No. 523,421. PUBLISHED JULY 27, 1948. Class 4.

503,372. FINGERNAIL CLIPPERS. THE H. C. COOK COMPANY, Ansonia, Conn.
Filed July 5, 1947. Serial No. 526,524. PUBLISHED JULY 27, 1948. Class 44.

503,373. WRIST WATCH STRAPS OF LEATHER OR FABRIC AND BUCKLES OF NON-PRECIOUS METAL FOR BOTH WRIST WATCH STRAPS AND BELTS. PIONEER SUSPENDER COMPANY, Philadelphia, Pa.
Filed July 5, 1947. Serial No. 526,545. PUBLISHED JUNE 22, 1948. Class 40.

503,374. LIQUID RESIN-BASE CEMENT FOR GENERAL ADHESIVE PURPOSES. NATIONAL STARCH PRODUCTS INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,589. PUBLISHED JULY 27, 1948. Class 5.

503,375. BICARBONATE OF SODA (BAKING SODA). CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,750. PUBLISHED JULY 27, 1948. Class 6.

503,376. SAL SODA, BICARBONATE OF SODA, AND BAKING SODA, FOR USE AS A DETERGENT, CLEANING AND WASHING AGENT. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,759. PUBLISHED JULY 27, 1948. Class 4.

503,377. BAKING SODA (BICARBONATE OF SODA), AND BAKING POWDER, EACH FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,780. PUBLISHED JULY 27, 1948. Class 46.

503,378. FABRIC BAGS AND SACKS FOR CONTAINING PULVERIZED, GRANULAR, OR LUMP MATERIAL AND THE LIKE. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,843. PUBLISHED JULY 27, 1948. Class 2.

503,379. COMBINATION FABRIC AND PAPER BAGS, FOR CONTAINING PULVERIZED, GRANULAR, OR LUMP MATERIAL AND THE LIKE. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,849. PUBLISHED JULY 27, 1948. Class 2.

503,380. WOVEN SACKS. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,852. PUBLISHED JULY 27, 1948. Class 2.

503,381. OPEN-MESH BAGS. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,853. PUBLISHED JUNE 27, 1948. Class 2.

503,382. COTTON, BURLAP, AND PAPER BAGS. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,859. PUBLISHED JULY 27, 1948. Class 2.

503,383. OPEN-MESH BAGS. BEMIS BRO. BAG COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,870. PUBLISHED JULY 27, 1948. Class 2.

503,384. JAMS AND JELLIES. OELERICH & BERRY COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,147. PUBLISHED JULY 27, 1948. Class 46.

503,385. AGRICULTURAL SEEDS—NAMELY, FIELD CROP SEEDS. F. H. PEAVEY & COMPANY, Minneapolis, Minn.
Filed July 5, 1947. Serial No. 527,249. PUBLISHED JULY 27, 1948. Class 1.

503,386. RUBBER TIRES AND TUBES. THE PURE OIL COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,355. PUBLISHED JULY 27, 1948. Class 35.

503,387. PISTON RINGS AND PISTON RING EXPANDERS. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa.
Filed July 5, 1947. Serial No. 527,575. PUBLISHED AUGUST 3, 1948. Class 35.

503,388. NASAL DILATOR, NEBULIZER, PROSTATIC DILATOR, AND RECTAL DILATOR. VITAMINERALS, INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,631. PUBLISHED JULY 27, 1948. Class 44.

503,389. NASAL DILATOR, NEBULIZER, PROSTATIC DILATOR, AND RECTAL DILATOR. VITAMINERALS, INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,723. PUBLISHED JULY 27, 1948. Class 44.

503,390. FERROUS METALS AND FERROUS METAL CASTINGS AND FORGINGS. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio, now by change of name Armco Steel Corporation.
Filed July 5, 1947. Serial No. 527,741. PUBLISHED JULY 13, 1948. Class 14.

503,391. LIVESTOCK, POULTRY, AND DOG FEEDS. ALLIED MILLS, INC., Chicago, Ill.
Filed July 9, 1947. Serial No. 528,167. PUBLISHED JULY 27, 1948. Class 46.

503,392. SHEET METAL. JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa.
Filed July 12, 1947. Serial No. 528,482. PUBLISHED JULY 13, 1948. Class 14.

503,393. PERFUMES. SOCIÉTÉ CALIENTE, Paris, France.
Filed July 15, 1947. Serial No. 528,652. PUBLISHED JULY 20, 1948. Class 6.

503,394. FEED FLAVORS COMPRISING ESSENTIAL OILS SUCH AS ORANGE, AND AROMATICS SUCH AS KETONES AND ESTERS FOR HERBIVOROUS ANIMALS. FLAVOR CORPORATION OF AMERICA, Chicago, Ill.
Filed July 22, 1947. Serial No. 529,156. PUBLISHED JULY 27, 1948. Class 46.

503,395. FUMIGANT INSECTICIDE FOR CONTROL OF PLANT LICE OR APHIDS SUCH AS "GREENFLY," "BLACKFLY," ROSE APHIS, SPINACH APHIS, MIDGE AND MANY THRIPS. CENTRAL CHEMICAL CORPORATION OF MARYLAND, Hagerstown, Md.
Filed July 23, 1947. Serial No. 529,230. PUBLISHED JULY 27, 1948. Class 6.

503,396. TIRES. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed July 30, 1947. Serial No. 529,982. PUBLISHED JULY 27, 1948. Class 35.

503,397. OLIVE OIL. JOHN AMBRIOLA & COMPANY, INC., Youngstown, Ohio.
Filed July 31, 1947. Serial No. 530,052. PUBLISHED JULY 27, 1948. Class 46.

503,398. PLASTIC BUCKET ADAPTED TO HOLD BEVERAGES, FOOD, ICE, AND OTHER CONTENTS. BRRR, INC., New York, N. Y.
Filed August 1, 1947. Serial No. 530,164. PUBLISHED AUGUST 3, 1948. Class 2.

503,399. TEXTILE FABRICS IN THE PIECE OF SILK, WOOLEN, COTTON, LINEN, NYLON, AND RAYON. DAZIAN'S, INC., New York, N. Y., Chicago, Ill., Los Angeles, Calif., Boston, Mass., and Detroit, Mich.
Filed August 1, 1947. Serial No. 530,176. PUBLISHED JULY 20, 1948. Class 42.

503,400. FORGINGS. MILWAUKEE FORGE & MACHINE CO., Milwaukee, Wis.
Filed August 2, 1947. Serial No. 530,328. PUBLISHED JULY 13, 1948. Class 14.

503,401. FERTILIZERS. INTERNATIONAL MINERALS AND CHEMICAL CORPORATION, Chicago, Ill.
Filed August 4, 1947. Serial No. 530,405. PUBLISHED JULY 27, 1948. Class 10.

503,402. CLAYS—NAMELY, BENTONITE. AMERICAN COLLOID COMPANY, Chicago, Ill.
Filed August 7, 1947. Serial No. 530,702. PUBLISHED AUGUST 3, 1948. Class 1.

503,403. LYE. PAUL M. COOTER, doing business as The Cooter Company, Chicago, Ill.
Filed August 7, 1947. Serial No. 530,724. PUBLISHED JULY 27, 1948. Class 6.

503,404. CLEANER USED FOR DISHWASHING, CLEANING OF TILE, BATHTUBS, AND WALLS, WITH INCIDENTAL WATER SOFTENING PROPERTIES. LOS ANGELES SOAP COMPANY, Los Angeles, Calif.
Filed August 7, 1947. Serial No. 530,743. PUBLISHED JUL 27, 1948. Class 4.

503,405. SEMI-ANTHRACITE COAL. THE PITTSBURG & MIDWAY COAL MINING CO., Kansas City, Mo.
Filed August 13, 1947. Serial No. 531,242. PUBLISHED JULY 27, 1948. Class 1.

503,406. CONCENTRATED CLEANING PRODUCT—NAMELY, A GENERAL PURPOSE CLEANER. FRED P. STEWART, doing business as E-Z Cleaning Products, Miami Beach, Fla., assignor to M. W. Bonfoey, Miami Beach, Fla.
Filed August 15, 1947. Serial No. 531,538. PUBLISHED JULY 27, 1948. Class 4.

503,407. CARPETS AND RUGS. M. J. WHITTALL ASSOCIATES, INC., Worcester, Mass.
Filed August 15, 1947. Serial No. 531,561. PUBLISHED JULY 27, 1948. Class 42.

503,408. TIRE PATCHES. PAUL E. HAWKINSON CO., Minneapolis, Minn.
Filed August 18, 1947. Serial No. 531,668. PUBLISHED AUGUST 3, 1948. Class 35.

503,409. TIRE PATCHES. PAUL E. HAWKINSON CO., Minneapolis, Minn.
Filed August 18, 1947. Serial No. 531,669. PUBLISHED JULY 27, 1948. Class 35.

503,410. COAL. OLD BEN COAL CORPORATION, Chicago, Ill.
Filed August 18, 1947. Serial No. 531,705. PUBLISHED AUGUST 3, 1948. Class 1.

503,411. FIBROUS ASBESTOS SHEET MATERIAL. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed August 18, 1947. Serial No. 531,718. PUBLISHED JULY 27, 1948. Class 1.

503,412. FRESH CITRUS FRUITS. HAINES CITY CITRUS GROWERS ASSOCIATION, Haines City, Fla.
Filed August 19, 1947. Serial No. 531,796. PUBLISHED JULY 27, 1948. Class 46.

503,413. BELTING FOR POWER-TRANSMISSION PURPOSES. CHAS. A. SCHIEREN COMPANY, New York, N. Y.
Filed August 19, 1947. Serial No. 531,850. PUBLISHED JULY 27, 1948. Class 35.

503,414. WOOLEN FABRICS IN THE PIECE. GAY BROTHERS COMPANY, Cavendish, Vt.
Filed August 20, 1947. Serial No. 531,909. PUBLISHED JULY 13, 1948. Class 42.

503,415. BLASTING HIGH EXPLOSIVES. THE KING POWDER COMPANY, Cincinnati, Ohio.
Filed August 21, 1947. Serial No. 532,032. PUBLISHED JULY 13, 1948. Class 9.

503,416. BLACK POWDER, BOTH POTASSIUM NITRATE AND SODIUM NITRATE BASE, HIGH EXPLOSIVES, BLASTING CAPS AND ELECTRIC BLASTING CAPS. THE KING POWDER COMPANY, Cincinnati, Ohio.
Filed August 21, 1947. Serial No. 532,033. PUBLISHED AUGUST 3, 1948. Class 9.

503,417. PLASTIC SHEETING OR FILM SOLD IN THE BOLT OR PIECE FOR MAKING INTO SHOWER CURTAINS, RAIN COATS, WASHING MACHINE COVERS AND THE LIKE. NATURAL PRODUCTS CO., INC., Sheboygan, Wis.
Filed August 25, 1947. Serial No. 532,330. PUBLISHED JULY 20, 1948. Class 42.

503,418. ALUMINUM CHLORIDE, ALUMINUM SULPHATE, AMMONIA ALUM, ETC. STAUFFER CHEMICAL COMPANY, San Francisco, Calif.
Filed August 25, 1947. Serial No. 532,361. PUBLISHED JULY 6, 1948. Class 6.

503,419. LEATHER. BEADENKOPF LEATHER COMPANY, INC., Wilmington, Del.
Filed August 26, 1947. Serial No. 532,424. PUBLISHED JULY 27, 1948. Class 1.

503,420. BATH SALTS. DOROTHY GIBSON PERFUMES CORP., New York, N. Y.
Filed August 26, 1947. Serial No. 532,442. PUBLISHED AUGUST 3, 1948. Class 6.

503,421. PERFUME. DOROTHY GIBSON PERFUMES CORP., New York, N. Y.
Filed August 26, 1947. Serial No. 532,443. PUBLISHED AUGUST 3, 1948. Class 6.

503,422. PERFUME. DOROTHY GIBSON PERFUMES CORP., New York, N. Y.
Filed August 26, 1947. Serial No. 532,445. PUBLISHED AUGUST 3, 1948. Class 6.

503,423. ADHESIVE GUMMED PAPER TAPE AND ADHESIVE GUMMED CLOTH TAPE. THE GUMMED PRODUCTS COMPANY, Troy, Ohio.
Filed August 26, 1947. Serial No. 532,446. PUBLISHED AUGUST 3, 1948. Class 5.

503,424. GUMMED PAPER TAPE. THE GUMMED PRODUCTS COMPANY, Troy, Ohio.
Filed August 26, 1947. Serial No. 532,448. PUBLISHED AUGUST 3, 1948. Class 5.

503,425. BURIAL VAULTS. THE AMERICAN VAULT COMPANY, INC., Belmont, Mass.
Filed August 27, 1947. Serial No. 532,542. PUBLISHED JULY 27, 1948. Class 2.

503,426. CANDY AND SALTED PEANUTS. CLARENCE HUNTER COX, doing business as Cox's, Waco, Tex.
Filed August 27, 1947. Serial No. 532,570. PUBLISHED JULY 27, 1948. Class 46.

503,427. MEDICINAL AND TOILET SOAPS. STIEFEL MEDICINAL SOAP COMPANY, INC., Preston Hollow, N. Y.
Filed August 27, 1947. Serial No. 532,655. PUBLISHED JULY 27, 1948. Class 4.

503,428. LAPPING COMPOUND. TIMESAVER PRODUCTS COMPANY, Seattle, Wash.
Filed August 30, 1947. Serial No. 532,971. PUBLISHED JULY 13, 1948. Class 4.

503,429. LAPPING COMPOUND. TIMESAVER PRODUCTS COMPANY, Seattle, Wash.
Filed August 30, 1947. Serial No. 532,972. PUBLISHED JULY 13, 1948. Class 4.

503,430. TOILET LOTIONS, SKIN CREAMS; PERFUMES; FACE, DUSTING AND TALCUM POWDERS; ETC. ELIZABETH ARDEN SALES CORPORATION, New York, N. Y.
Filed September 2, 1947. Serial No. 532,989. PUBLISHED JULY 27, 1948. Class 6.

503,431. METAL BLACKENING AGENTS BEING MIXTURES OF ALKALIES WITH ALKALI METAL NITRATES AND NITRATES AND/OR OTHER MINOR INGREDIENTS FOR USE IN THE BLACKENING OF METALS. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed September 5, 1947. Serial No. 533,570. PUBLISHED JULY 27, 1948. Class 6.

503,432. MOLDED OR SHAPED WASHERS, MECHANICAL PACKINGS, AND MECHANICAL SEALS FABRICATED FROM RUBBER-LIKE PLASTIC. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed September 5, 1947. Serial No. 533,574. PUBLISHED JULY 27, 1948. Class 35.

503,433. TEXTILE FINISHING OILS. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed September 5, 1947. Serial No. 533,575. PUBLISHED AUGUST 3, 1948. Class 6.

503,434. FERTILIZERS. I. P. THOMAS & SON COMPANY, Camden, N. J.
Filed September 5, 1947. Serial No. 533,644. PUBLISHED JULY 13, 1948. Class 10.

503,435. FIBROUS SHEET AND WEB MATERIAL BACKED WITH ADHESIVE—NAMELY, GUMMED TAPE, CLOTH TAPE, SISAL TAPE, ETC. THE GUMMED PRODUCTS COMPANY, Troy, Ohio.
Filed September 8, 1947. Serial No. 533,737. PUBLISHED AUGUST 3, 1948. Class 5.

503,436. MUSICAL STRING INSTRUMENTS—NAMELY, GUITARS, BANJOS, VIOLINS, UKULELES, MANDOLINS, AND BASS VIOLS. SPIEGEL, INC., Chicago, Ill.
Filed September 8, 1947. Serial No. 533,791. PUBLISHED AUGUST 3, 1948. Class 36.

503,437. SOLUTION FOR USE IN COOLING TOWERS, REFRIGERATING SYSTEMS, HUMIDIFYING SYSTEMS FOR THE PREVENTION OF THE DEVELOPMENT AND GROWTH OF ALGAE AND FOR THE CONTROL OF VARIOUS BACTERIAL GROWTHS AND THE LIKE. GEORGE S. MCCARTY, doing business as The Carolina Aniline & Extract Company, Charlotte, N. C.
Filed September 10, 1947. Serial No. 534,042. PUBLISHED JULY 27, 1948. Class 6.

503,438. BANDS TO EXTEND AROUND TEETH TO PROVIDE A MATRIX TO HOLD FILLING IN THE TEETH. PARK N. CONDIT, Newton, Mass.
Filed September 11, 1947. Serial No. 534,089. PUBLISHED JULY 27, 1948. Class 44.

503,439. GUMMED PAPER TAPE. THE GUMMED PRODUCTS COMPANY, Troy, Ohio.
Filed September 15, 1947. Serial No. 534,528. PUBLISHED AUGUST 3, 1948. Class 5.

503,440. VEHICLE TIRES AND INNER TUBES CONSTRUCTED OF RUBBER AND RUBBERIZED FABRIC. THE PEP BOYS, MANNY, MOE & JACK, Philadelphia, Pa.
Filed September 16, 1947. Serial No. 534,670. PUBLISHED JULY 27, 1948. Class 35.

503,441. METAL LATH AND EXPANDED METAL REENFORCEMENTS FOR CONCRETE STRUCTURES. THE BOSTWICK STEEL LATH COMPANY, Niles, Ohio.
Filed September 17, 1947. Serial No. 534,737. PUBLISHED JULY 6, 1948. Class 12.

503,442. EXPANDED METAL LATH, EXPANDED METAL REENFORCEMENTS FOR CONCRETE STRUCTURES, CONCRETE REENFORCEMENT BARS AND RODS, CORNER BEADS, AND BASE BEADS. THE BOSTWICK STEEL LATH COMPANY, Niles, Ohio.
Filed September 17, 1947. Serial No. 534,738. PUBLISHED JUNE 29, 1948. Class 12.

503,443. CORNER BEADS FOR WALLS, WINDOW OPENINGS, AND DOORWAYS. THE BOSTWICK STEEL LATH COMPANY, Niles, Ohio.
Filed September 17, 1947. Serial No. 534,740. PUBLISHED JUNE 29, 1948. Class 12.

503,444. LEATHER. HITEMAN LEATHER COMPANY, INC., West Winfield, N. Y.
Filed September 18, 1947. Serial No. 534,892. PUBLISHED AUGUST 3, 1948. Class 1.

503,445. CHEMICAL PREPARATION FOR SEALING LEAKS IN STEAM AND HOT-WATER BOILERS. LIQUID VENEER CORPORATION, Buffalo, N. Y.
Filed September 19, 1947. Serial No. 535,053. PUBLISHED JULY 27, 1948. Class 6.

503,446. CHEMICAL PREPARATION FOR SEALING LEAKS IN RADIATORS, PARTICULARLY IN RADIATORS OF THE AUTOMOBILE TYPE. LIQUID VENEER CORPORATION, Buffalo, N. Y.
Filed September 19, 1947. Serial No. 535,054. PUBLISHED JULY 27, 1948. Class 6.

503,447. TEXTILE FABRICS IN THE PIECE OF WOOL, WORSTED, COTTON, RAYON, MOHAIR AND RABBIT HAIR AND COMBINATIONS THEREOF. UXBRIDGE WORSTED CO., INC., Uxbridge, Mass., now by merger Bachmann Uxbridge Worsted Corporation, a corporation of Delaware.
Filed September 20, 1947. Serial No. 535,202. PUBLISHED JULY 27, 1948. Class 42.

503,448. COMMINUTED BARK OF TREES FOR USE AS A SOIL CONDITIONER AND MULCH. WEYERHAEUSER TIMBER COMPANY, Tacoma, Wash.
Filed September 22, 1947. Serial No. 535,287. PUBLISHED JULY 13, 1948. Class 10.

503,449. COMFORTERS AND QUILTS. THE STANLEY MANUFACTURING CO., INC., Denver, Colo.
Filed September 23, 1947. Serial No. 535,357. PUBLISHED JULY 20, 1948. Class 42.

503,450. MATTRESS PADS AND TABLE PADS. THE STANLEY MANUFACTURING CO., INC., Denver, Colo.
Filed September 23, 1947. Serial No. 535,358. PUBLISHED JULY 20, 1948. Class 42.

503,451. LAUNDRY MACHINERY, PARTICULARLY HANDKERCHIEF PRESSES AND HANDKERCHIEF FLUFFERS AND PARTS THEREOF. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio.
Filed September 23, 1947. Serial No. 535,374. PUBLISHED JULY 27, 1948. Class 24.

503,452. LAUNDRY MACHINERY, PARTICULARLY FOOT POWER PRESSING MACHINES AND PARTS THEREOF FOR PRESSING OR IRONING WEARING APPAREL. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio.
Filed September 23, 1947. Serial No. 535,375. PUBLISHED JULY 27, 1948. Class 24.

503,453. FERTILIZERS. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed September 23, 1947. Serial No. 535,381. PUBLISHED JULY 27, 1948. Class 10.

503,454. FERTILIZERS. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed September 23, 1947. Serial No. 535,382. PUBLISHED JULY 20, 1948. Class 10.

503,455. SOAP. JOHNSTON, HOLLOWAY & CO., INC., Philadelphia, Pa.
Filed September 24, 1947. Serial No. 535,536. PUBLISHED JULY 27, 1948. Class 4.

503,456. ASH TRAYS OF GLASS. DEFIANCE SALES CORPORATION, New York, N. Y.
Filed September 26, 1947. Serial No. 535,834. PUBLISHED AUGUST 3, 1948. Class 8.

503,457. COFFEE AND TEA. ALEXANDER-BALART COMPANY, San Francisco, Calif.
Filed September 30, 1947. Serial No. 536,212. PUBLISHED JULY 27, 1948. Class 46.

503,458. GREASELESS, VANISHING SKIN CREAM. ASSOCIATED PRODUCTS COMPANY, INCORPORATED, Washington, D. C.
Filed September 30, 1947. Serial No. 536,217. PUBLISHED JULY 27, 1948. Class 6.

503,459. CANNED VEGETABLES. STAYTON CANNING CO. CO-OPERATIVE, Stayton, Oreg.
Filed September 30, 1947. Serial No. 536,306. PUBLISHED JULY 27, 1948. Class 46.

503,460. CLEANING PREPARATION AND WHITE DRESSING FOR CANVAS, BUCKSKIN, SUEDE, CALFSKIN, COWHIDE, AND FOR ARTICLES EMBODYING ANY OF SUCH, INCLUDING SHOES, GLOVES, HELMETS, AND MILITARY ACCOUTREMENTS; AND ALSO TENNIS BALLS AND GOLF BALLS. WHITTEMORE BROS. CORP., Cambridge, Mass.
Filed October 1, 1947. Serial No. 536,475. PUBLISHED JULY 27, 1948. Class 4.

503,461. SOAP. ESSENTIAL CHEMICALS CO., Milwaukee, Wis.
Filed October 3, 1947. Serial No. 536,682. PUBLISHED JULY 13, 1948. Class 4.

503,462. PIANOS. KOHLER & CAMPBELL, INC., New York, N. Y.
Filed October 3, 1947. Serial No. 536,697. PUBLISHED AUGUST 3, 1948. Class 36.

503,463. COTTON PIECE GOODS. CANTON COTTON MILLS, Canton, Ga.
Filed October 4, 1947. Serial No. 536,761. PUBLISHED JULY 27, 1948. Class 42.

503,464. RUGS. THE KLEARFLAX LINEN LOOMS, INC., Duluth, Minn.
Filed October 6, 1947. Serial No. 536,905. PUBLISHED JULY 20, 1948. Class 42.

503,465. DRAPERIES AND WINDOW CURTAINS. J. L. STIFEL & SONS, INC., Wheeling, W. Va.
Filed October 7, 1947. Serial No. 537,093. PUBLISHED JULY 20, 1948. Class 42.

503,466. SHAMPOO. MAURICE HANDMAN, doing business as Maurella Products Co., New York, N. Y.
Filed October 8, 1947. Serial No. 537,178. PUBLISHED AUGUST 3, 1948. Class 6.

503,467. AGRICULTURAL FUNGICIDES CONTAINING 8-HYDROXYQUINOLINE BENZOATE. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed October 9, 1947. Serial No. 537,330. PUBLISHED JULY 27, 1948. Class 6.

503,468. COTTON SHEETING AND TABLE NAPKINS. ANGELICA JACKET COMPANY, St. Louis, Mo.
Filed October 10, 1947. Serial No. 537,397. PUBLISHED JULY 27, 1948. Class 42.

503,469. NURSING BOTTLE HOLDERS OF WATERPROOF PLASTIC MATERIAL AND WATERPROOF TEXTILE MATERIAL. THE CARIS COMPANY, Brooklyn, N. Y.
Filed October 11, 1947. Serial No. 537,558. PUBLISHED JULY 27, 1948. Class 44.

503,470. BOLLS OF PAPER CAPS FOR CAP PISTOLS. G. BACKES FIREWORKS COMPANY, Meriden, Conn.
Filed October 13, 1947. Serial No. 537,653. PUBLISHED JULY 27, 1948. Class 9.

503,471. STOVE POLISH. BOYLE-MIDWAY INC., Jersey City, N. J.
Filed October 16, 1947. Serial No. 537,973. PUBLISHED JULY 27, 1948. Class 4.

503,472. PEAT MOSS. BORD NA MÓNA, Dublin, Ireland.
Filed October 16, 1947. Serial No. 538,024. PUBLISHED JULY 27, 1948. Class 1.

503,473. SOIL-CONDITIONING PEAT MOSS. BORD NA MÓNA, Dublin, Ireland.
Filed October 16, 1947. Serial No. 538,025. PUBLISHED JULY 13, 1948. Class 10.

503,474. WOVEN RAYON BY THE PIECE. J. ROSENHOLZ, INC., New York, N. Y.
Filed October 17, 1947. Serial No. 538,179. PUBLISHED JULY 27, 1948. Class 42.

503,475. SEEDS—NAMELY, TIMOTHY, CLOVER, ALSIKE, ALFALFA, RED TOP, ETC. THE STANFORD SEED COMPANY, INC., Buffalo, N. Y.
Filed October 18, 1947. Serial No. 538,323. PUBLISHED JULY 27, 1948. Class 1.

503,476. SOAP. THE COOK COFFEE COMPANY, Cleveland, Ohio.
Filed October 20, 1947. Serial No. 538,373. PUBLISHED JULY 27, 1948. Class 4.

503,477. SEED—NAMELY, OATS, VETCH, COTTON SEED, SEED CORN, AND SOY BEANS. CYPRESS LAND FARMS COMPANY, Jaywye, Mo.
Filed October 20, 1947. Serial No. 538,375. PUBLISHED JULY 27, 1948. Class 1.

503,478. LEATHER. RICHARD YOUNG COMPANY, New York, N. Y.
Filed October 20, 1947. Serial No. 538,483. PUBLISHED AUGUST 3, 1948. Class 1.

503,479. COAL. EASTERN GAS AND FUEL ASSOCIATES, Boston, Mass.
Filed October 21, 1947. Serial No. 538,502. PUBLISHED AUGUST 3, 1948. Class 1.

503,480. COAL. EASTERN GAS AND FUEL ASSOCIATES, Boston, Mass.
Filed October 21, 1947. Serial No. 538,504. PUBLISHED AUGUST 3, 1948. Class 1.

503,481. RACKS AND FRAMES AND SUPPORTS THEREFOR FOR DRYING CLOTHES AND FABRICS, PARTICULARLY YARD DRIERS. MOULTON LADDER MANUFACTURING CO., Somerville, Mass.
Filed October 21, 1947. Serial No. 538,557. PUBLISHED AUGUST 3, 1948. Class 24.

503,482. FARM, GARDEN, AND FLOWER SEEDS—NAMELY, TIMOTHY, CLOVER, ALSIDE, REDTOP, BLUE GRASS, ALL KINDS OF FIELD SEEDS, GRASS SEED, AND SEED GRAINS. THE STANFORD SEED COMPANY, INC., Buffalo, N. Y.
Filed October 21, 1947. Serial No. 538,569. PUBLISHED AUGUST 3, 1948. Class 1.

503,483. WAX FOR USE AS A PATTERN MATERIAL IN MAKING MOLDS FOR METAL-CASTING. UNION CARBIDE AND CARBON CORPORATION, New York, N. Y.
Filed October 23, 1947. Serial No. 538,829. PUBLISHED AUGUST 3, 1948. Class 1.

503,484. NOSE AND THROAT DROPS, NASAL JELLY, AND NASAL JELLY WITH EPHEDRINE. DONALD D. KENTON, doing business as Kondon Manufacturing Company, Minneapolis, Minn.
Filed October 27, 1947. Serial No. 539,174. PUBLISHED JULY 27, 1948. Class 6.

503,485. ACCORDIONS. C. G. CONN, LTD., Elkhart, Ind.
Filed October 29, 1947. Serial No. 539,396. PUBLISHED JULY 2, 1948. Class 36.

503,486. COMPOSITION HAVING MEDICINAL PROPERTIES FOR FEEDING TO POULTRY AS AN AID IN CONTROL OF COCCIDIOSIS, THE COMPOSITION BEING IN LIQUID FORM, DRY FORM, OR PELLET FORM CONTAINING OTHER INGREDIENTS COMMONLY USED IN POULTRY FEED. WHITMOYER LABORATORIES, INC., Myerstown, Pa.
Filed October 29, 1947. Serial No. 539,463. PUBLISHED JULY 27, 1948. Class 6.

503,487. FILTERING UNITS FOR AUTOMOBILES OR OTHER INTERNAL COMBUSTION ENGINES. FILTORS, INCORPORATED, Long Island City, N. Y.
Filed October 30, 1947. Serial No. 539,508. PUBLISHED AUGUST 3, 1948. Class 31.

503,488. UPHOLSTERY CLEANER, METAL CLEANER, RUG CLEANER, DRY CLEANING FLUID, AND PAINTED SURFACE CLEANER. BOYLE-MIDWAY INC., Jersey City, N. J.
Filed November 3, 1947. Serial No. 539,935. PUBLISHED JULY 27, 1948. Class 4.

503,489. GROOVED PHONOGRAPH RECORDS. CAPITOL RECORDS, INC., Hollywood, Calif.
Filed November 7, 1947. Serial No. 540,381. PUBLISHED JULY 20, 1948. Class 36.

503,490. APPARATUS FOR CONTACT X-RAY THERAPY. BRACKE-SEIB X-RAY CO., INC., New York, N. Y.
Filed November 12, 1947. Serial No. 540,768. PUBLISHED JULY 13, 1948. Class 44.

503,491. SUPERFICIAL SKIN X-RAY TREATMENT APPARATUS. BRACKE-SEIB X-RAY CO., INC., New York, N. Y.
Filed November 12, 1947. Serial No. 540,769. PUBLISHED JULY 13, 1948. Class 44.

503,492. NATURAL AND ARTIFICIAL ABRASIVES—NAMELY, ABRASIVE-COATED CLOTH OR PAPER AND COMBINATIONS OF ABRASIVE PAPER AND CLOTH. DUREX ABRASIVES CORPORATION, Jersey City, N. J.
Filed November 20, 1947. Serial No. 541,818. PUBLISHED AUGUST 3, 1948. Class 4.

503,493. TOILET SOAPS AND SHAVING CREAMS. NEW YORK MAKE-UP CORPORATION, New York, N. Y.
Filed November 20, 1947. Serial No. 541,876. PUBLISHED JULY 27, 1948. Class 4.

503,494. ANTIFOGGING PREPARATION FOR GLASS SURFACES. FACTRILAB INCORPORATED, Boston, Mass.
Filed November 21, 1947. Serial No. 541,925. PUBLISHED JULY 27, 1948. Class 4.

503,495. HAND CLEANSER PREPARATION. NORTH PRODUCTS CORPORATION, Chicago, Ill.
Filed November 21, 1947. Serial No. 541,954. PUBLISHED JULY 27, 1948. Class 4.

503,496. GLOSS STARCH. THE MOREY MERCANTILE COMPANY, Denver, Colo.
Filed November 22, 1947. Serial No. 542,043. PUBLISHED JULY 27, 1948. Class 6.

503,497. TEXTILE FABRICS IN THE PIECE MADE OF SILK, RAYON, AND A MIXTURE THEREOF. CONCORDIA-GALLIA CORPORATION, New York, N. Y.
Filed November 24, 1947. Serial No. 542,090. PUBLISHED JULY 20, 1948. Class 42.

503,498. RAYON AND SILK RIBBONS, METALLIC RIBBON, AND WIDE ELASTIC, SOLD BY THE YARD OR REEL. THE WARREN FEATHERBONE CO., Three Oaks, Mich.
Filed August 5, 1947. Serial No. 542,197. PUBLISHED JULY 20, 1948. Class 42.

503,499. TEXTILE FABRICS IN THE PIECE, OF SILK, RAYON, AND COMBINATIONS THEREOF. FOLKER FABRICS CORPORATION, New York, N. Y.
Filed November 26, 1947. Serial No. 542,457. PUBLISHED JULY 20, 1948. Class 42.

503,500. COTTON PIECE GOODS, SHEETS AND PILLOW CASES. NAUMKEAG STEAM COTTON COMPANY, Salem, Mass.
Filed November 26, 1947. Serial No. 542,481. PUBLISHED JULY 27, 1948. Class 42.

503,501. SPARKLERS. J. HALPERN COMPANY, Pittsburgh, Pa.
Filed November 28, 1947. Serial No. 542,566. PUBLISHED AUGUST 3, 1948. Class 9.

503,502. FIREWORKS AND TOY PISTOL CAPS. J. HALPERN COMPANY, Pittsburgh, Pa.
Filed November 28, 1947. Serial No. 542,568. PUBLISHED AUGUST 3, 1948. Class 9.

503,503. ARTIFICIAL TEETH. MYERSON TOOTH CORPORATION, Cambridge, Mass.
Filed November 28, 1947. Serial No. 542,629. PUBLISHED JULY 13, 1948. Class 44.

503,504. DYED AND FINISHED FABRICS IN THE PIECE OF COTTON, RAYON, WOOL, WORSTED AND LINEN. P-V-M-CORPORATION, New York and Wappingers Falls, N. Y.
Filed November 28, 1947. Serial No. 542,645. PUBLISHED JULY 27, 1948. Class 42.

503,505. FILTER MEDIUMS MADE OF TEXTILES. FILTER FABRICS INCORPORATED, Cleveland, Ohio.
Filed November 29, 1947. Serial No. 542,753. PUBLISHED JULY 20, 1948. Class 31.

503,506. WOOLEN AND WORSTED FABRICS IN THE PIECE. PACIFIC MILLS, New York, N. Y., and Boston, Mass.
Filed December 4, 1947. Serial No. 543,318. PUBLISHED JULY 27, 1948. Class 42.

503,507. LACE NET DINNER CLOTHS AND CURTAINS. GRANITE LOOMS, INC., Fall River, Mass., and New York, N. Y.
Filed December 5, 1947. Serial No. 543,442. PUBLISHED JULY 27, 1948. Class 42.

503,508. INSECTICIDES. GEIGY COMPANY, INC., New York, N. Y.
Filed December 10, 1947. Serial No. 543,917. PUBLISHED JULY 13, 1948. Class 6.

503,509. MATTRESS TICKING. HARRY KEETON, SR., doing business as Harry Keeton Supply Company, Fort Worth, Tex.
Filed December 10, 1947. Serial No. 543,932. PUBLISHED JULY 27, 1948. Class 42.

503,510. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed December 11, 1947. Serial No. 544,106. PUBLISHED JULY 27, 1948. Class 4.

503,511. OINTMENT FOR USE IN THE TREATMENT OF SCALY SKIN DISEASES—NAMELY, PSORIASIS, ATHLETE'S FOOT, AND DRY ECZEMA. SAR-DA COMPANY, Dallas, Tex.
Filed December 12, 1947. Serial No. 544,204. PUBLISHED JULY 13, 1948. Class 6.

503,512. COAL. CHEROKEE COAL COMPANY, Louisville, Ky.
Filed October 14, 1947. Serial No. 544,649. PUBLISHED JULY 27, 1948. Class 1.

503,513. OINTMENT FOR THE TREATMENT OF SORES, CUTS, BOILS, PILES, AND OTHER EXTERNAL IRRITATIONS. MINNIE A. LOUX, Bennington, Vt.
Filed December 18, 1947. Serial No. 544,745. PUBLISHED JULY 27, 1948. Class 6.

503,514. PREPARATION USEFUL IN THE TREATMENT OF CONDITIONS OF THE VASCULAR SYSTEM, ETC. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed December 19, 1947. Serial No. 544,916. PUBLISHED JULY 13, 1948. Class 6.

503,515. VITAMIN PREPARATIONS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed December 19, 1947. Serial No. 544,917. PUBLISHED JULY 13, 1948. Class 6.

503,516. VITAMIN PREPARATION. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed December 19, 1947. Serial No. 544,918. PUBLISHED JULY 13, 1948. Class 6.

503,517. MEDICINAL PREPARATION FOR USE AS AN ANTISPASMODIC. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed December 24, 1947. Serial No. 545,412. PUBLISHED AUGUST 3, 1948. Class 6.

503,518. ACIDIFYING AGENT INTENDED FOR TREATMENT OF ACHLORHYDRIA OR HYPOCHLORHYDRIA. ABBOTT LABORATORIES, North Chicago, Ill.
Filed January 2, 1948. Serial No. 545,928. PUBLISHED JULY 27, 1948. Class 6.

503,519. WASHING AMMONIA AND LIQUID BLUING. BRIARDALE CO., San Francisco, Calif.
Filed January 7, 1948. Serial No. 546,354. PUBLISHED AUGUST 3, 1948. Class 6.

503,520. MIXTURE OF PHENOLS OBTAINED FROM RESINOUS PINE WOOD USED AS AN ANTIOXIDANT FOR THE PREVENTION OF GELLING, ETC. THE GLIDDEN COMPANY, Cleveland, Ohio.
Filed January 10, 1948. Serial No. 546,694. PUBLISHED AUGUST 3, 1948. Class 6.

503,521. VITAMIN TABLETS. A. R. BEAMON, doing business as Crusader Products Co., Los Angeles, Calif.
Filed January 13, 1948. Serial No. 546,818. PUBLISHED AUGUST 3, 1948. Class 6.

503,522. PREPARATION CONTAINING CHOLESTRIN, LECITHIN, CARBON TETRACHLORIDE, AND ETHYL ALCOHOL, FOR USE IN THE REMOVAL OF DANDRUFF AND TO INVIGORATE THE SCALP AND HAIR. LYNN ROBERT AKERS, doing business as Choelstra Co., New Orleans, La.
Filed January 14, 1948. Serial No. 546,935. PUBLISHED JULY 27, 1948. Class 6.

503,523. COUGH SYRUP, FOR MALARIA CHILL AND FEVER TONIC, AND FOR AN ALTERATIVE LAXATIVE. J. C. MENDENHALL MEDICINE CO., INCORPORATED, Mount Vernon, Ind.
Filed January 14, 1948. Serial No. 547,013. PUBLISHED AUGUST 3, 1948. Class 6.

503,524. PRINTING INK. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed January 15, 1948. Serial No. 547,166. PUBLISHED AUGUST 3, 1948. Class 11.

503,525. PRINTING INK. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed January 15, 1948. Serial No. 547,167. PUBLISHED AUGUST 3, 1948. Class 11.

503,526. PRINTING INK. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed January 15, 1948. Serial No. 547,168. PUBLISHED AUGUST 3, 1948. Class 11.

503,527. PRINTING INK. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed January 15, 1948. Serial No. 547,170. PUBLISHED AUGUST 3, 1948. Class 11.

503,528. PRINTING INK. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed January 15, 1948. Serial No. 547,171. PUBLISHED AUGUST 3, 1948. Class 11.

503,529. PRINTING INK. SUN CHEMICAL CORPORATION, New York, N. Y.
Filed January 15, 1948. Serial No. 547,178. PUBLISHED AUGUST 3, 1948. Class 11.

503,530. UMBRELLAS. L. P. HENRYSON & CO., INC., New York, N. Y.
Filed January 17, 1948. Serial No. 547,345. PUBLISHED AUGUST 3, 1948. Class 41.

503,531. HAIR CURL CLIPS. H. GOODMAN & SONS, INC., New York, N. Y., and Jersey City, N. J.
Filed January 22, 1948. Serial No. 547,725. PUBLISHED AUGUST 3, 1948. Class 40.

503,532. HAIR WAVE SETTERS. H. GOODMAN & SONS, INC, Jersey City, N. J., and New York, N. Y.
Filed January 22, 1948. Serial No. 547,726. PUBLISHED AUGUST 3, 1948. Class 40.

503,533. LADIES' LEATHER HANDBAGS. EMBASSY PLASTIC PRODUCTS, INC., New York, N. Y.
Filed January 23, 1948. Serial No. 547,840. PUBLISHED AUGUST 3, 1948. Class 3.

503,534. AN EMULSIFIABLE COMPOUND OF OILS AND WAXES USED AS AN INGREDIENT IN HAIR PREPARATIONS AND FOR HAIR DRESSINGS AND HAIR TONICS. CHESEBROUGH MANUFACTURING COMPANY CONSOLIDATED, New York, N. Y.
Filed February 7, 1948. Serial No. 549,050. PUBLISHED AUGUST 3, 1948. Class 6.

503,535. NAIL POLISH REMOVER. THE GLIDDEN COMPANY, doing business as The A. WILHELM COMPANY, Reading, Pa., and Cleveland, Ohio.
Filed February 9, 1948. Serial No. 549,145. PUBLISHED AUGUST 3, 1948. Class 6.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

503,536. (CLASS 38. PRINTS AND PUBLICATIONS.) GEORGE W. DOUGHERTY, New York, N. Y. Filed Mar. 6, 1948. Serial No. 499,054.

PUZZLE FUN COMICS

FOR COMIC MAGAZINES, CONSISTING OF COMICS, COMIC STRIPS, CARTOONS, CARTOON STRIPS, NEWS, PUZZLES, TRICKS OF MAGIC, GAMES, STORIES, LESSONS, ADVERTISEMENTS, QUIZZES, ETC., PUBLISHED IN A SERIES.
Claims use since Mar. 21, 1946.

503,537. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) STORMS RABBITRY, Kansas City, Kans. Filed Feb. 14, 1948. Serial No. 502,033.



FOR LIVE RABBITS.
Claims use since Mar. 1, 1946.

503,538. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) LACTONIA INCORPORATED, St. Paul, Minn. Filed May 6, 1948. Serial No. 507,587.

"Hand-Fit"

FOR HAND BRUSHES FOR PERSONAL USE.
Claims use since June 13, 1946.

503,539. (CLASS 27. HOROLOGICAL INSTRUMENTS.) THE NEW HAVEN CLOCK AND WATCH COMPANY, New Haven, Conn. Filed July 24, 1948. Serial No. 507,836.

GUILFORD

FOR CLOCKS, WATCHES, AND PARTS THEREOF.
Claims use since Aug. 6, 1945.

503,540. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) DAN RIVER MILLS, INCORPORATED, Danville, Va., assignee of Riverside & Dan River Cotton Mills, Inc. Filed Mar. 23, 1948. Serial No. 508,492.

COOLSTRIPE

FOR PIECE GOODS OF COTTON, RAYON, OR MIXTURES THEREOF.
Claims use since Aug. 6, 1946.

503,541. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) FRANK VAIANA, Alhambra, Calif. Filed Feb. 21, 1948. Serial No. 509,479.

JIFFY SUDS

FOR WASH CLOTHS.
Claims use since Aug. 5, 1946.

503,542. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) JEFFERSON ELECTRIC COMPANY, Bellwood, Ill. Filed Oct. 24, 1947. Serial No. 509,706.

SAF-T-LAG

FOR THERMAL TIME DELAY FUSES.
Claims use since July 22, 1946.

503,543. (CLASS 38. PRINTS AND PUBLICATIONS.) LEROY B. EVANS, Hammond, Ind. Filed Jan. 28, 1948. Serial No. 513,241.

DOW THEORY FORECASTS

FOR WEEKLY PUBLICATIONS DEVOTED TO FORECASTS OF STOCK MARKET MOVEMENTS.
Claims use since Nov. 19, 1945.

503,544. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. B. FRED KUHLS, Brooklyn, N. Y. Filed Mar. 9, 1948. Serial No. 514,899.

FIREGARD

FOR PREPARATION TO BE APPLIED TO CANVAS, ADAPTED TO RENDER THE SAME FIRE-RESISTANT AND WATERPROOF, AND AS A PRESERVATIVE.
Claims use since January 1945.

503,545. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS AND SUBSTITUTES THEREFOR.) BERKSHIRE FINE SPINNING ASSOCIATES, INC., Adams, Mass., and Providence, R. I. Filed June 17, 1948. Serial No. 516,005.

Berkshire

FOR COTTON AND RAYON WINDOW CURTAINS.
Claims use since March 1946.

503,546. (CLASS 2. RECEPTACLES.) SHEPHERD KNAPP, Philadelphia, Pa. Filed Feb. 27, 1948. Serial No. 516,139.

DRYAIRE

FOR FOOD STORAGE CABINETS.
Claims use since 1933.

503,547. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) CLOPAY CORPORATION, Cincinnati, Ohio. Filed Feb. 17, 1948. Serial No. 516,398.

Hollywood

FOR WINDOW CURTAIN DRAPES.
Claims use since Jan. 2, 1947.

503,548. (CLASS 31. FILTERS AND REFRIGERATORS.) THE WARREN CO., INC., Atlanta, Ga. Filed Mar. 6, 1948. Serial No. 516,926.

'DEW-MAKER'

FOR COMMERCIAL DISPLAY REFRIGERATORS.
Claims use since Dec. 20, 1946.

503,549. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN H. CAMP, Plattsburg, N. Y. Filed Mar. 12, 1948. Serial No. 517,961.



Champlain Hairgrow

FOR HAIR TONIC.
Claims use since Aug. 30, 1946.

503,550. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) W. R. GRIFFITH, doing business as Griffith Hybrid Corn Co. and Griffith Seed Company, Bloomington, Ill. Filed Sept. 30, 1947. Serial No. 518,219.



The word "Hybrids" and the representation of the corn are disclaimed apart from the mark shown.
FOR SEED CORN.
Claims use since Aug. 27, 1946.

503,551. (CLASS 2. RECEPTACLES.) HARRY O. SONGER, doing business as Songer Plastic Company, Independence, Mo. Filed Apr. 10, 1948. Serial No. 519,143.

LOXIN

FOR CUP HOLDING RACK MADE OF PLASTIC MATERIAL FOR RESTING ON TABLES AND FOR AFFIXING TO WALLS.
Claims use since Nov. 1, 1946.

503,552. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) SHAFFER MANUFACTURING COMPANY, Wichita, Kans. Filed June 7, 1948. Serial No. 519,905.

GIRDEZE
BY
SHAFFER

FOR SHOEHORN-LIKE DEVICE TO AID IN DONNING GIRDLES.
Claims use since Mar. 25, 1947.

503,553. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) CERTIFIED SHOULDER PAD CO., INC., New York, N. Y. Filed May 20, 1948. Serial No. 520,089.

Snap-Me

FOR SHOULDER PADS IN THE NATURE OF GARMENT FINDINGS.
Claims use since Feb. 6, 1947.

503,554. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) BUENAVENTURA FOREIGN TRADE CORP., New York, N. Y. Filed Apr. 6, 1948. Serial No. 520,792.



FOR FABRICS SOLD BY THE YARD; SAID FABRICS BEING OF COTTON, RAYON, SILK, WOOL, FIBREGLASS, AND MIXTURES THEREOF.
Claims use since Sept. 1, 1946.

503,555. (CLASS 43. THREAD AND YARN.) JAMES LEES AND SONS COMPANY, Bridgeport, Pa. Filed Mar. 4, 1948. Serial No. 524,245.



FOR KNITTING YARNS.
Claims use since Dec. 1, 1945.

503,556. (CLASS 37. PAPER AND STATIONERY.) UNITED WALLPAPER, INC., Chicago, Ill. Filed May 8, 1948. Serial No. 528,663.

Velvetized

FOR PAPER DRAPERIES.
Claims use since Apr. 4, 1947.

503,557. (CLASS 27. HOROLOGICAL INSTRUMENTS.) HAMILTON WATCH COMPANY, Lancaster, Pa. Filed July 24, 1947. Serial No. 529,380.

THE WATCH OF RAILROAD ACCURACY

FOR MEN'S AND WOMEN'S POCKET AND WRIST WATCHES.
Claims use since 1914.

503,558. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) LEEF BROS., INC., Minneapolis, Minn. Filed Apr. 19, 1948. Serial No. 530,323.

LEEF BROS., INC.

The word "Inc." is disclaimed apart from the mark shown.
FOR GARMENT IRONER.
Claims use since March 1928.

503,559. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) FENWICK TEXTILES, INC., New York, N. Y. Filed July 6, 1948. Serial No. 531,024.

"CHALK LINE"

FOR RAYON PIECE GOODS.
Claims use since Apr. 1, 1947.

503,560. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) WELLINGTON SEARS COMPANY, New York, N. Y. Filed July 15, 1948. Serial No. 532,075.

Well-Sett

FOR RAYON PIECE GOODS TREATED TO MINIMIZE SHRINKAGE.
Claims use since July 9, 1947.

503,561. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) BERNSTEIN BROTHERS, Los Angeles and San Francisco, Calif. Filed Apr. 7, 1948. Serial No. 533,698.

California AUTHENTICS

FOR PIECE GOODS OF SILK, WOOL, LINEN, AND RAYON.
Claims use since Aug. 1, 1941.

503,562. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) SAMUEL EHRMAN & CO., INC., New York, N. Y. Filed Feb. 20, 1948. Serial No. 535,010.

KROSHÉ LACE

FOR LACE PIECE GOODS.
Claims use since Mar. 2, 1934.

503,563. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) DELTOX RUG COMPANY, Oshkosh, Wis. Filed Sept. 22, 1947. Serial No. 535,224.

America's smart low price rug

FOR RUGS AND TEXTILE FLOOR MATS.
Claims use since Sept. 3, 1946.

503,564. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SEIDLITZ PAINT & VARNISH CO., Kansas City, Mo. Filed June 1, 1948. Serial No. 536,148.

RITE-LITE

FOR PAINTS IN PASTE OR SEMI-PASTE FORM.
Claims use since June 1, 1937.

503,565. (CLASS 38. PRINTS AND PUBLICATIONS.) AFFILIATED YOUNG DEMOCRATS INC., OF NEW YORK STATE, New York, N. Y. Filed Aug. 16, 1948. Serial No. 536,861.

THE YOUNG DEMOCRAT

FOR NEWSPAPERS AND PERIODICALS.
Claims use since July 1945.

503,566. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) BOOTT MILLS, Lowell, Mass. Filed July 6, 1948. Serial No. 536,995.

Drapewell

Applicant claims ownership of registration No. 239,959.
FOR SCRIMS IN THE PIECE COMPOSED OF COTTON, RAYON, LACE OR COMBINATIONS THEREOF, AND MARQUISETTES, CURTAINS AND DRAPERIES MADE THEREFROM.
Claims use since Jan. 22, 1927.

503,567. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) DANIEL W. FARNSWORTH, New York, N. Y. Filed Nov. 6, 1947. Serial No. 540,269.

ST. ANDREWS TWEED

FOR WOOLEN AND WORSTED PIECE GOODS.
Claims use since May 19, 1937.

503,568. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) ONONDAGA SILK COMPANY, INC., New York, N. Y. Filed Nov. 17, 1947. Serial No. 541,443.

EXQUISITE

Applicant claims ownership of registration No. 261,663.
FOR SILK FABRICS IN THE PIECE.
Claims use since June 1, 1928.

503,569. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) DANIEL W. FARNSWORTH, New York, N. Y. Filed Nov. 18, 1947. Serial No. 541,531.

PARIS POINT TWEED

Applicant claims ownership of registration No. 366,001.
FOR WOOLEN AND WORSTED PIECE GOODS.
Claims use since June 21, 1937.

503,570. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) BOOTT MILLS, Lowell, Mass. Filed July 2, 1948. Serial No. 542,716.

VELVET-TOP

Applicant claims ownership of registration No. 410,970.
FOR PIECE GOODS—NAMELY, CORDUROY.
Claims use since Oct. 28, 1943.

503,571. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) HOBE CIE LTD., New York, N. Y. Filed Dec. 31, 1947. Serial No. 545,849.

Hobé

Applicant claims ownership of registration No. 389,665.
FOR BRACELETS, BROOCH PINS, LAPEL PINS, EARRINGS, NECKLACES, AND FINGER RINGS.
Claims use since Jan. 2, 1926.

503,572. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) NORTH AMERICAN LACE COMPANY, INC., Philadelphia, Pa. Filed Dec. 31, 1947. Serial No. 545,875.

MULTILENGTH

Applicant claims ownership of registration No. 384,914.
FOR LACE CURTAINS AND LACE FABRICS IN THE PIECE.
Claims use since May 15, 1939.

TRADE-MARK REGISTRATIONS RENEWED

31,317. PEPSOL. Registered Feb. 22, 1898. Robert Lee Eves. Re-renewed Feb. 22, 1948, to The Pepsol Company, Inc., Nashville, Tenn., a corporation of Tennessee. SYRUP FOR SOFT DRINKS, SUCH AS SODA-WATER. Class 45.

68,847. "KOZY KLOG" AND REPRESENTATION OF RIGHT FOOT AND SHOE. Registered Apr. 28, 1908. Sommer & Kaufmann, Inc. Re-renewed Apr. 28, 1948, to Sommer & Kaufmann, San Francisco, Calif., a corporation of California. LEATHER AND CANVAS BOOTS AND SHOES. Class 39.

69,989. "CHAS.A.WOOLSEY'S COPPER BEST" ETC. AND DESIGN. Registered July 21, 1908. C. A. Woolsey Paint & Color Company, Jersey City, N. J. Re-renewed July 21, 1948, to C. A. Woolsey Paint & Color Co. Inc., New York, N. Y., a corporation of New York. PAINT. Class 16.

71,725. "ANCHOR BRAND" AND REPRESENTATION OF ANCHOR. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,729. "BUTTERFLY BRAND" AND REPRESENTATION OF BUTTERFLY. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,735. "CANOE" AND PICTORIAL DRAWING. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,738. "EXPORT BRAND" AND REPRESENTATION OF SHIP DOCKED FOR CARGO ETC. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,739. "EXPRESS" AND REPRESENTATION OF RAILROAD TRAIN. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,741. GLACIER BRAND. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,743. HATCHERY BRAND. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,744. "HUME'S FLAG", ETC. AND REPRESENTATION OF FLAG. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,745. "HORSE SHOE BRAND" AND REPRESENTATION OF HORSE SHOE. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,747. ICEBERG BRAND. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,748. "INITIAL" ETC. AND CIRCULAR MONOGRAM DESIGN. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,753. "MOOSE HEAD" AND REPRESENTATION OF MOOSE HEAD. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,755. "METEOR BRAND" AND REPRESENTATION OF METEOR. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,767. "SEWARD BRAND" AND DRAWING. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,768. "SLEDGE BRAND" AND PICTORIAL DRAWING. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,772. "ALASKA PACKERS ASSOCIATION" ETC. AND REPRESENTATION OF FLAG ENCLOSED BY CIRCULAR DESIGN. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,773. REPRESENTATION OF FLAG. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,774. "WALRUS BRAND" AND REPRESENTATION OF WALRUS HEAD IN CIRCULAR DESIGN. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,785. "A E" AND SHIELD DESIGN. Registered Dec. 15, 1908. National Biscuit Company, Jersey City, N. J., and New York, N. Y. Re-renewed Dec. 15, 1948, to National Biscuit Company, New York, N. Y., a corporation of New Jersey. BISCUIT AND CRACKERS. Class 46.

71,786. A E. Registered Dec. 15, 1908. National Biscuit Company, Jersey City, N. J., and New York, N. Y. Re-renewed Dec. 15, 1948, to National Biscuit Company, New York, N. Y., a corporation of New Jersey. BISCUIT AND CRACKERS. Class 46.

71,787. REPRESENTATION OF SHIELD. Registered Dec. 15, 1908. National Biscuit Company, Jersey City, N. J., and New York, N. Y. Re-renewed Dec. 15, 1948, to National Biscuit Company, New York, N. Y., a corporation of New Jersey. BISCUIT AND CRACKERS. Class 46.

71,841. ARCTIC. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,842. "GAME COCK BRAND" AND REPRESENTATION OF GAME COCK. Registered Dec. 15, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 15, 1948. CANNED SALMON. Class 46.

71,881. "CAPE KARLUK" AND SCENIC DRAWING. Registered Dec. 22, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 22, 1948. CANNED SALMON. Class 46.

71,883. "HUME'S KARLUK" AND SCENIC DRAWING. Registered Dec. 22, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 22, 1948. CANNED SALMON. Class 46.

72,039. "LILY BRAND" AND REPRESENTATION OF LILY. Registered Dec. 29, 1908. Alaska Packers Association, San Francisco, Calif., a corporation of California. Re-renewed Dec. 29, 1948. CANNED SALMON. Class 46.

72,380. MONOGRAM. Registered Jan. 19, 1909. New York Lubricating Oil Company, New York, N. Y., a corporation of New York. Re-renewed Jan. 19, 1949. LUBRICATING GREASES AND LUBRICATING OILS FOR MACHINERY, ENGINES, MOTORS AND DYNAMOS. Class 15.

72,445. CASCAROYAL. Registered Jan. 26, 1909. The Blackburn Products Company. Re-renewed Jan. 26, 1948, to Todd Mumma, Dayton, Ohio. CATHARTIC PILLS. Class 6.

72,464. O X X. Registered Jan. 26, 1909. Wamsutta Mills, New Bedford, Mass., a corporation of Massachusetts. Re-renewed Jan. 26, 1949. SHIRTINGS. Class 42.

72,501 "MALTOID MILK-BONE" AND DESIGN. Registered Jan. 26, 1909. Sterling Biscuit Company, Boston, Mass. Re-renewed Jan. 26, 1949, to National Biscuit Company, New York, N. Y., a corporation of New Jersey. DOG-BISCUITS. Class 46.

233,179. SOLAR. Registered Sept. 27, 1927. Sanitarium and Hospital Equipment Company. Renewed Sept. 27, 1947, to Battle Creek Equipment Company, Battle Creek, Mich., a firm. ELECTRIC-ARC LAMPS USED FOR THERAPEUTIC PURPOSES. Class 44.

234,036. "AIR STORIES" AND REPRESENTATION OF AEROPLANE. Registered Oct. 18, 1927. Fiction House, Inc. Renewed Oct. 18, 1947, to Flying Stories, Inc., New York, N. Y., a corporation of New York. FICTION MAGAZINE. Class 38.

234,697. "SAN MARTINO" ETC. AND DRAWING. Registered Nov. 1, 1927. Silvio Citti, doing business as Citti Brothers. Renewed Nov. 1, 1947, to Casimira Citti, doing business as Citti Brothers, Chicago, Ill. OLIVE OIL. Class 46.

236,169. "STOP-A-LEAK" AND REPRESENTATION OF TIRE. Registered Dec. 6, 1927. Stop-A-Leak Manufacturing Company, Los Angeles, Calif. Renewed Dec. 6, 1947, to Irene D. Payne, Pasadena, Calif. PUNCTURE CURES FOR PNEUMATIC TIRES. Classes 5 and 35.

238,317. "VERIGRAPH", ETC. AND DESIGN. Registered Feb. 7, 1928. Atlantic Precision Company, Boston, Mass. Renewed Feb. 7, 1948, to The Foxboro Company, Foxboro, Mass., a corporation of Massachusetts. PRECISION MEASURING INSTRUMENTS FOR MATERIALS IN SHEET FORM. Class 26.

241,515. GRIFFIN'S FROSPAC FILLETS. Registered May 1, 1928. The B. A. Griffin Company. Renewed May 1, 1948, to G & B Fish Company, Milwaukee, Wis., a corporation of Wisconsin. FROZEN FISH. Class 46.

242,093. "NOXAL" ETC. AND DESIGN. Registered May 15, 1928. John P. Merz, doing business as Noxal Chemical Co., Philadelphia, Pa. Renewed May 15, 1948, to Walter E. Tinkler, St. Francisville, La. CLEANING AND POLISHING COMPOUNDS FOR USE ON FURNITURE, PIANOS, AUTOMOBILES, AND ALL PAINTED AND VARNISHED SURFACES. Class 16.

245,021. MARY ANN'S. Registered Aug. 7, 1928. Edward Katzinger Company. Renewed Aug. 7, 1948, to Ekco Products Company, Chicago, Ill., a corporation of Illinois. DOMESTIC MEASURING CUPS. Class 26.

245,224. MYSTIC. Registered Aug. 7, 1928. Thomas, Field & Company, Charleston, W. Va., a corporation of West Virginia. Renewed Aug. 7, 1948. HOSIERY. Class 39.

245,277. MARY ANN'S. Registered Aug. 7, 1928. Edward Katzinger Company. Renewed Aug. 7, 1948, to Ekco Products Company, Chicago, Ill., a corporation of Illinois. BASE-METAL PIE PANS AND CAKE PANS. Class 13.

245,278. CLICK. Registered Aug. 7, 1928. Kops Bros., Inc., New York, N. Y., a corporation of New York. Renewed Aug. 7, 1948. CORSETS, BRASSIÈRES, AND GIRDLES. Class 39.

245,488. CORAX. Registered Aug. 14, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed Aug. 14, 1948, to McKesson & Robbins, Incorporated, New York, N. Y., a corporation of Maryland. COLD AND GRIPPE TABLETS. Class 6.

245,570. ALBOL. Registered Aug. 14, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed Aug. 14, 1948, to McKesson & Robbins, Incorporated, New York, N. Y., a corporation of Maryland. OINTMENT FOR USE ON INFLAMMATION. Class 6.

245,571. ALBATUM. Registered Aug. 14, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed Aug. 14, 1948, to McKesson & Robbins, Incorporated, New York, N. Y., a corporation of Maryland. OINTMENT FOR USE ON INFLAMMATION. Class 6.

245,572. BAX. Registered Aug. 14, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed Aug. 14, 1948, to McKesson & Robbins, Incorporated, New York, N. Y., a corporation of Maryland. TOOTH PASTE. Class 6.

245,573. BIX. Registered Aug. 14, 1928. McKesson & Robbins, Incorporated, Bridgeport, Conn. Renewed Aug. 14, 1948, to McKesson & Robbins, Incorporated, New York, N. Y., a corporation of Maryland. TOOTH PASTE. Class 6.

245,676. CYCLONE. Registered Aug. 21, 1928. Wright Aeronautical Corporation, Paterson, N. J. Renewed Aug. 21, 1948, to Wright Aeronautical Corporation, Wood-Ridge, N. J., a corporation of New York. INTERNAL-COMBUSTION ENGINES FOR AERONAUTICAL PURPOSES. Class 23.

245,752. "REACH THE SIGN OF QUALITY" AND DESIGN. Registered Aug. 21, 1928. A. J. Reach Company, Philadelphia, Pa. Renewed Aug. 21, 1948, to A. G. Spalding & Bros. Inc., Chicopee, Mass., a corporation of Delaware. BASEBALL SCORE BOOKS, BASKET-BALL SCORE BOOKS. Class 37.

246,002. "ULTRADIE." Registered Aug. 28, 1928. Cyclops Steel Company, Inc., Titusville, Pa. Renewed Aug. 28, 1948, to Universal-Cyclops Steel Corporation, Bridgeville, Pa., a corporation of Pennsylvania. STEELS. Class 14.

246,015. ROUGH & READY. Registered Aug. 28, 1928. Finishing Specialties & Service Co. Renewed Aug. 28, 1948, to Fred W. McClement, Chicago, Ill. PLASTIC PAINT. Class 16.

246,121. KOMFORT. Registered Sept. 4, 1928. Albert A. Wilson, doing business as Komfort Mfg. Co., Minneapolis, Minn. Renewed Sept. 4, 1948, to E. A. Laboratories, Inc., Brooklyn, N. Y., a corporation of New York. AUTOMOBILE HEATERS, USING HOT GASES FROM THE ENGINE. Class 19.

246,261. "E" AND DESIGN. Registered Sept. 4, 1928. Empire Piece Dyeing and Finishing Company, Paterson, N. J., a corporation of New Jersey. Renewed Sept. 4, 1948. FABRICS IN THE PIECE, DYED AND FINISHED, COMPOSED OF SILK, SILK AND COTTON, SILK AND WOOL, SILK AND RAYON, AND RAYON. Class 42.

246,507. ΒΦΣ. Registered Sept. 11, 1928. Beta Phi Sigma Fraternity, St. Louis, Mo. Renewed Sept. 11, 1948, to Beta Phi Sigma Fraternity, San Diego, Calif., a voluntary association. ORNAMENTAL SHIELDS AND FRATERNAL JEWELRY MADE OF OR PLATED WITH PRECIOUS METAL FOR PERSONAL WEAR. Class 28.

246,535. PENIMAID. Registered Sept. 11, 1928. J. C. Penney Company, Wilmington, Del., and New York, N. Y. Renewed Sept. 11, 1948, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. RUBBER SHEETING (BED AND CRIB SHEETING). Class 50.

246,671. "SUNLAN" ETC. AND DESIGN. Registered Sept. 11, 1928. New York Hat Stores, Inc., Los Angeles, Calif., a corporation of California. Renewed Sept. 11, 1948. HATS AND CAPS FOR MEN AND BOYS. Class 39.

246,841. POLAR WAVE. Registered Sept. 18, 1928. Hanford Produce Company, Sioux City, Iowa. Renewed Sept. 18, 1948, to The Borden Company, New York, N. Y., a corporation of New Jersey. ELECTRIC REFRIGERATORS. Class 31.

247,239. HARTOL. Registered Sept. 25, 1928. Hartol Products Corporation. Renewed Sept. 25, 1948, to Hartol Petroleum Corporation, New York, N. Y., a corporation of New Jersey. LUBRICATING, MOTOR-FUEL, AND FURNACE OILS, ILLUMINATING OILS, GASOLINE, AND LUBRICATING GREASES. Class 15.

247,302. "ITALINA" AND DRAWING. Registered Sept. 25, 1928. The Floret Company. Renewed Sept. 25, 1948, to Floret Products Co., New York, N. Y., a firm. PREPARATIONS FOR MAKING EFFERVESCENT DRINKS FROM POWDERS, TO FORM A REFRESHER ELIMINATING STOMACH TROUBLE, AND OTHER NAMED AILMENTS. Class 6.

247,437. "NUFORM TEETH" ETC. AND DESIGN. Registered Sept. 25, 1928. Universal Dental Company, Philadelphia, Pa., a corporation of Pennsylvania. Renewed Sept. 25, 1948. ARTIFICIAL TEETH. Class 44.

247,578. CITROMA. Registered Oct. 2, 1928. National Magnesia Co. Inc., Brooklyn, N. Y., a corporation of New York. Renewed Oct. 2, 1948. LAXATIVES. Class 6.

247,579. PHOENIX. Registered Oct. 2, 1928. Samson Cordage Works, Boston, Mass., a corporation of Massachusetts. Renewed Oct. 2, 1948. BRAIDED AND TWISTED CORDS AND TWINES—NAMELY, SASH CORD, TROLLEY CORD, AND SIMILAR BRAIDED COTTON CORDS, AND TWINES. Class 7.

247,622. "KARU" AND DIAMOND-SHAPED DESIGN. Registered Oct. 2, 1928. Kaufman & Ruderman Co. Inc., New York, N. Y., a corporation of New York. Renewed Oct. 2, 1948. EARRINGS, FINGER RINGS, ANKLETS, BAR PINS, BROOCHES, PENDANTS, STRINGS OF PEARLS, BRACELETS, AND RHINESTONES. Class 28.

247,763. "POP'S DELIGHT" AND REPRESENTATION OF GIRL AND BACKGROUND DESIGN. Registered Oct. 2, 1928. Lummis & Company, Philadelphia, Pa., a corporation of New Jersey. Renewed Oct. 2, 1948. SHELLED POP CORN NOT POPPED, POP CORN POPPED, AND POP-CORN CONFECTIONS. Class 46.

247,879. DUBL-DRI. Registered Oct. 9, 1928. Great Lakes Varnish Works, Inc., Chicago, Ill., a corporation of Illinois. Renewed Oct. 9, 1948. PAINT ENAMELS AND VARNISHES. Class 16.

248,040. MASONITE. Registered Oct. 16, 1928. Masonite Corporation, Laurel, Miss. Renewed Oct. 16, 1948, to Masonite Corporation, Chicago, Ill., a corporation of Delaware. FIBRE BOARD, INSULATING BOARD, COMPOSITE BOARD, CONSTRUCTION BOARD, AND SYNTHETIC LUMBER OR ARTIFICIAL LUMBER. Class 12.

248,298. TYRWELDER. Registered Oct. 16, 1928. The Akron Tyrwelder Company. Renewed Oct. 16, 1948, to The Akron Equipment Company, Akron, Ohio, a corporation of Ohio. TIRE-VULCANIZING MACHINE. Class 23.

248,403. MONOGRAM CAICO. Registered Oct. 23, 1928. Cape Ann Isinglass Company, Boston, Mass. Renewed Oct. 23, 1948, to Cape Ann Isinglass Company, of Marblehead, Mass., a corporation of Massachusetts. ISINGLASS. Class 46.

249,023. BARBARINE. Registered Nov. 6, 1928. Roger & Gallet, New York, N. Y., a corporation of New York. Renewed Nov. 6, 1948. AFTER-SHAVING LOTIONS. Class 6.

249,024. RAZORSOOTHE. Registered Nov. 6, 1928. Roger & Gallet, New York, N. Y., a corporation of New York. Renewed Nov. 6, 1948. AFTER-SHAVING LOTIONS. Class 6.

249,025. BALMYSHAV. Registered Nov. 6, 1928. Roger & Gallet, New York, N. Y., a corporation of New York. Renewed Nov. 6, 1948. AFTER-SHAVING LOTIONS. Class 6.

249,330. VALAMONT. Registered Nov. 13, 1928. National Fruit Canning Co. Renewed Nov. 13, 1948, to National Fruit Canning Co., Seattle, Wash., a corporation of Washington. CANNED FRUITS. Class 46.

249,440. "SUN RESISTING STRAWS" AND REPRESENTATION OF SUN. Registered Nov. 13, 1928. New York Hat Stores, Inc., Los Angeles, Calif., a corporation of California. Renewed Nov. 13, 1948. HATS FOR MEN AND BOYS. Class 39.

249,700. SYMPOCAINE. Registered Nov. 20, 1928. Frederick Stearns & Company, Detroit, Mich. Renewed Nov. 20, 1948, to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware. LOCAL ANESTHETIC IN AMPOULE OR TABLET FORM, OR IN SOLUTION. Class 6.

249,778. "O'DONNELL QUALITY" AND DESIGN. Registered Nov. 20, 1928. The O'Donnell Company. Renewed Nov. 20, 1948, to O'Donnell-Usen Fisheries Corporation, Boston, Mass., a corporation of Massachusetts. FRESH FISH—NAMELY, FILLETS AND DRESSED HADDOCK. Class 46.

249,968. MONOGRAM CAICO. Registered Nov. 27, 1928. Cape Ann Isinglass Company, Boston, Mass. Renewed Nov. 27, 1948, to Cape Ann Isinglass Company, Marblehead, Mass., a corporation of Massachusetts. ADHESIVE ISINGLASS. Class 5.

249,972. "STEROLIC" AND DESIGN. Registered Nov. 27, 1928. G. N. Pappas, doing business as Sterolic Salve Company, Atlanta, Ga. Renewed Nov. 27, 1948. SALVE FOR THE TREATMENT OF ITCH, PILES, BURNS, CUTS, AND ECZEMA. Class 6.

250,086. GOLD RIBBON. Registered Nov. 27, 1928. The W. H. Marvin Company, Urbana, Ohio, a corporation of Ohio. Renewed Nov. 27, 1948. DRIED CURRANTS AND MINCEMEAT. Class 46.

251,226. "DELTA" AND TRIANGULAR DESIGN. Registered Jan. 1, 1929. Schuler-O'Connel Grain Co. Renewed Jan. 1, 1949, to E. D. Wilkinson Grain Company, Stockton, Calif., a corporation of California. GRAIN BAGS. Class 2.

251,311. "VALWAY PANSY RUGS" AND DESIGN LINED FOR BLUE, YELLOW AND BROWN. Registered Jan. 1, 1929. Hillside Cotton Mills, doing business as Valway Mills. Renewed Jan. 1, 1949, to Callaway Mills Company, La Grange, Ga., a corporation of Georgia. RUGS OF TEXTILE FABRIC. Class 42.

251,436. "GREEN TREE" ETC. AND DESIGN. Registered Jan. 8, 1929. M. H. Greenebaum, Inc., New York, N. Y., a corporation of New York. Renewed Jan. 8, 1949. HAM, SAUSAGES, FRANKFURTERS, AND BACON. Class 46.

251,465. VARITYPER. Registered Jan. 8, 1929. Hammond Typewriter Corporation. Renewed Jan. 8, 1949, to Ralph C. Coxhead Corporation, New York, N. Y., a corporation of New York. TYPEWRITER MACHINES. Class 23.

252,024. WYCLIFFE. Registered Jan. 22, 1929. Elder Manufacturing Company, St. Louis, Mo., a corporation of Missouri. Renewed Jan. 22, 1949. CLOTH OF COTTON, SILK, AND COMBINATIONS OF THE SAME, BOTH IN THE PIECE AND IN THE BOLT, FOR SHIRTS, BLOUSES, AND SUITS. Class 42.

252,127. "KUTWEL" AND DESIGN. Registered Jan. 22, 1929. Edgar S. Kiefer Tanning Company, Grand Rapids, Mich., a corporation of Michigan. Renewed Jan. 22, 1949. PIGSKIN. Class 1.

252,171. WYCLIFFE. Registered Jan. 29, 1929. Elder Manufacturing Company, St. Louis, Mo., a corporation of Missouri. Renewed Jan. 29, 1949. MEN'S AND BOYS' DRESS AND NEGLIGEE SHIRTS AND BOYS' BLOUSES. Class 39.

252,200. HTH. Registered Jan. 29, 1929. The Mathieson Alkali Works, Inc. Renewed Jan. 29, 1949, to Mathieson Chemical Corporation, New York, N. Y., a corporation of Virginia. HYPOCHLORITE. Class 6.

252,217. ARDELLE. Registered Jan. 29, 1929. Arnold, Constable & Co., Inc., New York, N. Y., a corporation of New York. Renewed Jan. 29, 1949. LADIES' AND YOUNG MISSES' DRESSES, COATS, SUITS, WAISTS FOR OUTER WEAR, ROBES, GOWNS, STOCKINGS, SKIRTS. Class 39.

252,447. SOBEE. Registered Feb. 5, 1929. Mead Johnson & Company, Evansville, Ind., a corporation of Indiana. Renewed Feb. 5, 1949. SPECIALLY-PREPARED FOOD PRODUCT FOR INFANTS AND INVALIDS. Class 46.

252,494. TRILANESE. Registered Feb. 12, 1929. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Feb. 12, 1949. WOVEN AND KNITTED FABRICS MADE WHOLLY OR PARTIALLY FROM CELLULOSE DERIVATIVES. Class 42.

252,517. "HOUSTON GIRL" AND PORTRAIT OF A GIRL WITHIN OUTLINE DESIGN. Registered Feb. 12, 1929. Wm. Bowden & Company, Houston, Tex., a partnership. Renewed Feb. 12, 1949. PERFUMES. Class 6.

252,706. CELADON. Registered Feb. 12, 1929. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Feb. 12, 1949. FABRICS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. Class 42.

252,759. MADORA PEARLS. Registered Feb. 12, 1929. Syndicate Trading Company. Renewed Feb. 12, 1949, to Syndicate-Arkwright Trading Co., Inc., New York, N. Y., a corporation of New York. PEARLS. Class 28.

TRADE-MARK REGISTRATIONS CANCELED

210,959. CELLU FILTER. Registered Mar. 30, 1926. Kimberly-Clark Corporation, Neenah, Wis. FILTER DISKS MADE OF PAPER. Class 31. Canceled Sept. 24, 1948.

255,065. BROOKS OF BALTIMORE. Registered Apr. 9, 1929. Louis Nathans, Baltimore, Md. COATS, VESTS, PANTS, AND OVERCOATS FOR THE USE OF MEN. Class 39. Canceled Sept. 24, 1948.

279,326. TRANSLITE. Registered Jan. 13, 1931. Eastman Kodak Company, Rochester, N. Y. LIGHT-SENSITIVE PHOTOGRAPHIC PAPER. Class 26. Canceled Sept. 24, 1948.

343,922. THOMPSON'S COMPOUND AND DESIGN. Registered Mar. 9, 1937. Royce A. Thompson, Santa Monica, Calif. MEDICINE FOR TREATMENT OF GOITRE. Class 6. Canceled Oct. 1, 1948.

354,672. MONTROSE CHEVIOT AND DESIGN. Registered Feb. 15, 1938. Harry Feinberg, New York, N. Y. WOOLEN AND WORSTED PIECE GOODS. Class 42. Canceled Sept. 30, 1948.

372,165. SEA NYMPH AND PICTURE. Registered Oct. 24, 1939. Mermaid Products Corporation, Chicago, Ill. FISH SAUSAGES. Class 46. Canceled July 23, 1948.

385,863. SPARX. Registered Mar. 18, 1941. Candy & Company, Inc., Chicago, Ill. FLOOR POLISHING WAX COMPOUND. Class 16. Canceled Oct. 1, 1948.

411,913. COPLEY'S AND DESIGN. Registered Feb. 6, 1945. L. Copley-Smith & Sons Limited, Manchester, England. YARNS OF WOOL, YARNS OF WORSTED AND HAND-KNITTING YARNS WHOLLY OR MAINLY OF RAYON. Class 43. Canceled Sept. 24, 1948.

413,989. CROSS TOWN. Registered May 22, 1945. Vanity Shoes, Philadelphia, Pa. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF COMBINATIONS OF LEATHER AND FABRIC AND OF LEATHER, FABRIC, ETC. Class 39. Canceled Sept. 24, 1948.

419,832. AIR TRANSPORTATION. Registered Mar. 5, 1946. Import Publications, Inc., New York, N. Y. MAGAZINE PUBLISHED MONTHLY. Class 38. Canceled Sept. 24, 1948.

420,800. PUROLAC. Registered May 7, 1946. Middletown Milk & Cream Co. Inc., Yonkers, N. Y. MILK POWDER. Class 46. Canceled Sept. 24, 1948.

421,788. PERFUME SLEIGH. Registered June 18, 1946. Bergdorf & Goodman Co., New York, N. Y. PLASTIC TRAYS FOR HOLDING PERFUMES. Class 2. Canceled Sept. 24, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

224,239. BELLOMAR. Registered Feb. 22, 1927. Franco-Italian Packing Co., Inc., East San Pedro, Calif. CANNED FISH. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Franco-Italian Packing Co., Inc." should be *Franco-Italian Packing Company.*

290,537. CUMBERLAND AND DESIGN. Registered Jan. 12, 1932. W. S. Libbey Company, Inc., Lewiston, Maine. BLANKETS OF ALL WOOL, PART WOOL, COTTON, OR RAYON. Class 42. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in line 1 of the statement; and in the printed signature to the statement, "Inc.," should be deleted.

297,292. OLD MISSION. Registered Sept. 6, 1932. Old Mission Packing Corp., Ltd., North San Diego, Calif. CANNED OLIVES, ORANGE MARMALADE, ETC. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "California" should be *Nevada.*

330,896. CORTEZ AND DESIGN. Registered Dec. 17, 1935. Old Mission Packing Corp., Ltd., San Diego, Calif. CANNED FOOD PRODUCTS—NAMELY, CANNED PIMENTOS. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "California" should be *Nevada.*

336,387. BELL BRAND AND DESIGN. Registered July 7, 1936. Old Mission Packing Corp., Ltd., San Diego, Calif. CANNED OLIVES. Class 46. Corrected as follows: In the certificate, line 4; and in the statement, line 3, "California" should be *Nevada.*

438,544. DRICOID. Registered Apr. 27, 1948. Kelco Company, San Diego, Calif. ALGIN-EMULSIFIER COMPOSITION POSSESSING STABILIZING, EMULSIFYING, BODYING, SUSPENDING AND WATER-HOLDING PROPERTIES IN DAIRY PRODUCTS SUCH AS ICE CREAM, ETC. Class 46. Corrected as follows: In the statement, column 1, line 4, "West Sixth Street" should be *Broadway.*

500,964. TRUFLEX. Registered July 13, 1948. Metals & Controls Corporation, Attleboro, Mass. THERMOSTATIC METAL. Class 14. Corrected as follows: In the statement, line 17, *by applicant's predecessor in title* should be inserted after "1934"; and in line 19, *by said predecessor* should be inserted after "1934."

TRADE-MARK REGISTRATIONS—NEW CERTIFICATES

New Certificates issued under sections 7(c), 7(f), 7(g) of the Trade-Mark Act of 1946 for the unexpired term of the original registrations.

88,426. BUTTER NUT. Registered Sept. 17, 1912. Schulze Baking Company. BREAD. Class 46. New certificate under section 7(c) issued Oct. 26, 1948, to Interstate Bakeries Corporation, Kansas City, Mo., a corporation of Delaware.

131,551. DOUGHBOY. Registered May 18, 1920. The Mennel Milling Company. WHEAT-FLOUR. Class 46. New certificate under section 7(c) issued Oct. 26, 1948, to Doughboy Industries, Inc., New Richmond, Wis., a corporation of Wisconsin.

138,064. "DOUGHBOY" AND PICTURE. Registered Dec. 14, 1920. The Mennel Milling Company. WHEAT-FLOUR. Class 46. New certificate under section 7(c) issued Oct. 26, 1948, to Doughboy Industries, Inc., New Richmond, Wis., a corporation of Wisconsin.

270,774. OVAL DESIGN. Registered May 13, 1930. Schulze Baking Company. BREAD AND CAKE. Class 46. New certificate under section 7(c) issued Oct. 26, 1948, to Interstate Bakeries Corporation, Kansas City, Mo., a corporation of Delaware.

375,163. DOLLY MADISON. Registered Feb. 13, 1940. Interstate Bakeries Corporation, assignee of Schulze Baking Company. BAKERY SWEET GOODS—NAMELY, CAKES, SOFT CAKES, ETC. Class 46. New certificate under section 7(c) issued Oct. 26, 1948, to Interstate Bakeries Corporation, Kansas City, Mo., a corporation of Delaware.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 179,667. Registered Feb. 12, 1924. DIAMOND STATE FIBRE COMPANY, Elsmere, Del., and Bridgeport, Pa. Republished by Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware.

INTERLINE
CELORON

FOR LAMINATED PHENOLIC CONDENSATION PRODUCT MADE BY IMPREGNATING MATERIALS, SUCH AS CERTAIN GRADES OF PAPER AND FABRIC WITH A COMBINATION OF PHENOL AND FORMALDEHYDE OR SIMILAR SYNTHETIC GUMS HARDENED BY HEATING.
Claims use since June 27, 1923.

Reg. No. 218,760. Registered Oct. 5, 1926. REPUBLIC COAL & COKE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

REPUBLIC

FOR COAL.
Claims use since February 1919.

Reg. No. 236,137. Registered Dec. 6, 1927. MCADOO & ALLEN WELTING CO., Quakertown, Pa. Republished by McAdoo & Allen Welting Co., Quakertown, Pa., a corporation of Pennsylvania.

W.S

FOR WELTING LEATHER.
Claims use since about 1895.

Reg. No. 316,624. Registered Aug. 28, 1934. CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del., a corporation of Delaware. Republished by registrant.

Dilecto

FOR LAMINATED SYNTHETIC RESINOUS PRODUCTS—NAMELY, SHEET, ROD, AND TUBE FORMS.
Claims use since 1912.

Reg. No. 319,578. Registered Nov. 27, 1934. PITTSBURGH COAL CARBONIZATION COMPANY, Pittsburgh, Pa. Republished by Pittsburgh Consolidation Coal Company, Pittsburgh, Pa., a corporation of Pennsylvania.

DISCO

FOR COAL AND COKE.
Claims use since Sept. 19, 1933.

Reg. No. 338,731. Registered Sept. 15, 1936. CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del., a corporation of Delaware. Republished by registrant.

DILOPHANE

FOR LAMINATED SYNTHETIC RESINOUS PRODUCTS—NAMELY, SHEET, ROD, AND TUBE FORMS.
Claims use since Apr. 1, 1936.

Reg. No. 367,279. Registered May 9, 1939. CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del., a corporation of Delaware. Republished by registrant.

DILECTENE

FOR SYNTHETIC RESINOUS PRODUCTS—NAMELY, SHEET, ROD, AND TUBE FORMS.
Claims use since May 26, 1938.

Reg. No. 408,167. Registered July 25, 1944. CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del., a corporation of Delaware. Republished by registrant.

POLYLAC

FOR BUILT-UP MICA PLATE IN WHICH THE MICA SPLITTINGS ARE CEMENTED TOGETHER WITH AN ALKYD TYPE RESIN.
Claims use since March 1930.

CLASS 2

RECEPTACLES

Reg. No. 163,332. Registered Jan. 9, 1923. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania.

Guild

FOR WASTE BASKETS, DESK TRAYS, AND CASH BOXES.
Claims use since Feb. 17, 1922.

Reg. No. 305,208. Registered Aug. 8, 1933. DECORATIVE CABINET CORP., Long Island City, N. Y., a corporation of New York. Republished by registrant.

E-Z-DO

FOR PAPER AND CARDBOARD CABINETS, CHESTS, AND BOXES.
Claims use since Feb. 14, 1933.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 386,043. Registered Mar. 25, 1941. JULIUS GARFINCKEL & CO., INCORPORATED, Washington, D. C., a corporation of Virginia. Republished by registrant.

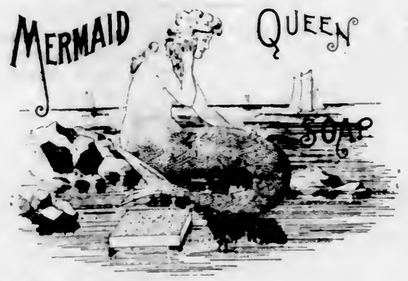
GREENBRIER

FOR HANDBAGS.
Claims use since Sept. 27, 1940.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 27,965. Registered Mar. 17, 1896. LOS ANGELES SOAP CO., Los Angeles, Calif. Republished by Los Angeles Soap Company, Los Angeles, Calif., a corporation of California.



FOR SOAP.
Claims use since on or about Oct. 15, 1895.

Reg. No. 80,287. Registered Nov. 29, 1910. OAKLEY CHEMICAL CO., New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.

OAKITE

FOR GRANULATED CHEMICAL CLEANSING COMPOUND.
Claims use since Feb. 2, 1909.

Reg. No. 80,673. Registered Jan. 17, 1911. OAKLEY CHEMICAL CO., New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.



FOR GRANULATED CHEMICAL CLEANSING COMPOUND.
Claims use since Feb. 2, 1909.

Reg. No. 110,319. Registered May 16, 1916. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

CALLA LILY

FOR SOAP.
Claims use since 1896.

Reg. No. 127,103. Registered Oct. 21, 1919. OAKLEY CHEMICAL COMPANY, New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.

OAKITE

FOR GRANULATED CHEMICAL CLEANSING COMPOUND.
Claims use since Feb. 2, 1909.

Reg. No. 134,754. Registered Sept. 14, 1920. OAKLEY CHEMICAL CO., New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.

OPC

FOR GRANULATED CHEMICAL CLEANSING COMPOUNDS.
Claims use since May 24, 1913.

Reg. No. 135,502. Registered Oct. 12, 1920. OAKLEY CHEMICAL CO., New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.

OKEMCO

FOR SOAP.
Claims use since February 1914.

Reg. No. 151,855. Registered Feb. 14, 1922. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

MERMAID



FOR WASHING POWDER.
Claims use since 1896.

Reg. No. 153,233. Registered Mar. 14, 1922. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.



MISSION OLIVE

The word "Olive" is disclaimed apart from the mark as shown.
FOR TOILET SOAP.
Claims use since 1900.

Reg. No. 188,825. Registered Sept. 2, 1924. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

MISSION BELL

FOR SOAP.
Claims use since Mar. 5, 1924.

Reg. No. 195,245. Registered Feb. 17, 1925. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

KO-KO-LEM

FOR SOAP.
Claims use since June 4, 1924.

Reg. No. 220,360. Registered June 28, 1927. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

HICKORY

FOR FLAKED AND POWDERED SOAP.
Claims use since Mar. 22, 1913.

Reg. No. 293,015. Registered Apr. 5, 1932. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

Angelus

FOR SOAPS—NAMELY, SHAVING SOAP.
Claims use since 1908.

Reg. No. 293,016. Registered Apr. 5, 1932. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

ANVIL

FOR SOAP.
Claims use since 1901.

Reg. No. 297,544. Registered Sept. 20, 1932. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

CHANDU



WORKS LIKE MAGIC

FOR TOILET SOAP.
Claims use since Feb. 16, 1932.

Reg. No. 306,805. Registered Sept. 26, 1933. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

BM

FOR SOAP.
Claims use since Feb. 10, 1933.

Reg. No. 324,911. Registered June 4, 1935. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

Mignon's Bokay

FOR BEAUTY SOAP.
Claims use since Dec. 29, 1934.

Reg. No. 330,820. Registered Dec. 17, 1935. THE SHEFFIELD COMPANY, doing business as K. T. S. Products Co., New York, N. Y., and New London, Conn., a corporation of Connecticut. Republished by registrant.

MILITARY

FOR SHAVING CREAM.
Claims use since Apr. 6, 1905.

Reg. No. 332,402. Registered Feb. 11, 1936. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

Cosray

FOR TOILET SOAP, GRANULATED SOAP, SHAVING CREAM, AND BRUSHLESS SHAVING CREAM.
Claims use since Sept. 27, 1935.

Reg. No. 337,622. Registered Aug. 11, 1936. THE SHEFFIELD COMPANY, New London, Conn., a corporation of Connecticut. Republished by registrant.



BEACHWHITE

FOR SHOE CLEANER.
Claims use since Apr. 1, 1936.

Reg. No. 371,298. Registered Sept. 19, 1939. THE SHEFFIELD COMPANY, New London, Conn., a corporation of Connecticut. Republished by registrant.

Elltee

FOR SHAVING CREAM.
Claims use since Nov. 7, 1936.

Reg. No. 376,061. Registered Mar. 12, 1940. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.



The words "Sierra Pine" and "Fragrance of the Pines" are disclaimed apart from the mark as shown. The drawing is lined for the color green.
FOR TOILET SOAP.
Claims use since May 10, 1939.

Reg. No. 377,736. Registered May 14, 1940. LANO COMPANY, Chicago, Ill. Republished by West Disinfecting Company, Long Island City, N. Y., a corporation of New York.

LANOKLEEN

The words "Kleen" is disclaimed apart from the mark as shown.

FOR POWDERED HAND SOAP.
Claims use since Aug. 3, 1939.

Reg. No. 383,047. Registered Nov. 19, 1940. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

Princess Nadji

FOR TOILET SOAP.
Claims use since Nov. 26, 1934.

Reg. No. 390,180. Registered Sept. 9, 1941. THE MORTON S. PINE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PYNAMITE

FOR LIQUID DETERGENT USED IN CLEANING—NAMELY, A CLEANER FOR BATHROOMS, BATH TUBS, WOODWORK, KITCHENS, PAINTED WALLS, BASEMENTS, LINOLEUM, FLOORS, RUGS, UPHOLSTERY, AND LAUNDERING.
Claims use since Jan. 1, 1940.

CLASS 5

ADHESIVES

Reg. No. 161,946. Registered Nov. 28, 1922. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania.

Guild

FOR MUCILAGE, PASTE, GLUE AND SEALING WAX.
Claims use since Feb. 17, 1922.

Reg. No. 234,054. Registered Oct. 18, 1927. CHICAGO GUM TAPE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The trade-mark consists of a core having a blue exposed surface as indicated by the line shading on the drawing. The representation of the goods and the word "Tape" are disclaimed apart from the mark.

FOR GUMMED AND UNGUMMED PAPER SEALING, VENEER AND STAY TAPES.
Claims use since Dec. 15, 1926.

Reg. No. 293,476. Registered Apr. 26, 1932. MINER-HILLARD MILLING COMPANY, Wilkes-Barre, Pa., a corporation of Pennsylvania. Republished by registrant.



The drawing is lined for red. The words "Hot Spot" are disclaimed apart from the mark as shown.

FOR PAPER HANGER'S WALL SIZE.
Claims use since Oct. 22, 1931.

Reg. No. 375,564. Registered Feb. 20, 1940. MARBON CORPORATION, Gary, Ind., a corporation of Delaware. Republished by registrant.

TY-PLY

FOR RUBBER DERIVATIVE FOR BONDING RUBBER TO METALS.
Claims use since Sept. 15, 1939.

Reg. No. 421,180. Registered May 21, 1946. THE DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Deltacraft

FOR STICK GLUE FOR SECURING ABRASIVE DISCS TO BACK UP DISCS AND LIQUID CEMENT FOR SECURING ABRASIVE GRANULES TO IRREGULAR BASE SURFACES FOR MANUFACTURING ABRASIVE FORMS.
Claims use since June 6, 1945.

Reg. No. 421,781. Registered June 18, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

SOLAC

FOR ADHESIVE SHOE CEMENTS.
Claims use since Jan. 15, 1931.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 49,322. Registered Jan. 30, 1906. WILBUR F. YOUNG, Springfield, Mass. Republished by W. F. Young, Inc., Springfield, Mass., a corporation of Massachusetts.

ABSORBINE

FOR LINIMENTS AND EMBROCATIONS.
Claims use since June 15, 1891.

Reg. No. 64,656. Registered Aug. 20, 1907. ORRIN C. BOWERS, Oklahoma City, Okla. Republished by Plough, Inc., Memphis, Tenn., a corporation of Delaware.

KAMPHENE

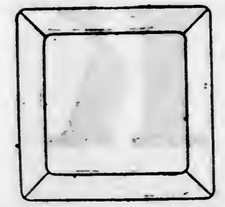
FOR MEDICINAL COMPOUND FOR CHAPPED HANDS, ROUGH SKIN, CRACKED LIPS, CUTS, SORES, AND BURNS.
Claims use since Jan. 1, 1906.

Reg. No. 108,917. Registered Mar. 7, 1916. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

P.Q.Co

FOR SODIUM SILICATE.
Claims use since prior to Jan. 1, 1903.

Reg. No. 111,509. Registered July 18, 1916. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR SODIUM SILICATE.
Claims use since prior to Mar. 2, 1916.

Reg. No. 116,549. Registered May 8, 1917. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

E

FOR SODIUM SILICATE.
Claims use since on or about Jan. 1, 1916.

Reg. No. 118,571. Registered Sept. 18, 1917. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

D

FOR SODIUM SILICATE.
Claims use since prior to Jan. 1, 1915.

Reg. No. 124,937. Registered Mar. 25, 1919. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

T

FOR SODIUM SILICATE.
Claims use since on or about Sept. 10, 1918.

Reg. No. 127,479. Registered Nov. 11, 1919. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

P-Q

FOR SODIUM SILICATE.
Claims use since on or about Jan. 1, 1903.

Reg. No. 129,525. Registered Feb. 24, 1920. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

K

FOR SODIUM SILICATE.
Claims use since prior to, on or about Aug. 12, 1909.

Reg. No. 138,496. Registered Dec. 28, 1920. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

R

FOR SODIUM SILICATE.
Claims use since prior to, on or about Feb. 27, 1920.

Reg. No. 169,810. Registered July 3, 1923. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania.

Guild

FOR INK ERADICATOR.
Claims use since Feb. 17, 1922.

Reg. No. 192,610. Registered Dec. 9, 1924. OAKLEY CHEMICAL COMPANY, New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.



FOR CHEMICAL COMPOUND RECOMMENDED FOR CLEANING, POLISHING, LUBRICATING, CUTTING, GRINDING, STAMPING, DRAWING, STRIPPING, ANTI-RUSTING, AND NEUTRALIZING.
Claims use since Feb. 2, 1909.

Reg. No. 192,611. Registered Dec. 9, 1924. OAKLEY CHEMICAL COMPANY, New York, N. Y. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.

OAKITE

FOR CHEMICAL COMPOUND RECOMMENDED FOR CLEANING, POLISHING, LUBRICATING, CUTTING, GRINDING, STAMPING, DRAWING, STRIPPING, ANTI-RUSTING, AND NEUTRALIZING.
Claims use since Feb. 2, 1909.

Reg. No. 211,654. Registered Apr. 13, 1926. E. F. DREW & CO., INC., New York, N. Y. Republished by E. F. Drew & Co., Inc., New York, N. Y., a corporation of Delaware.

NAPTHOLE

FOR PASTE USED IN THE TEXTILE INDUSTRY FOR SCOURING WOOL.
Claims use since Nov. 11, 1924.

Reg. No. 215,309. Registered July 13, 1926. ROUNDUP GROCERY COMPANY, Spokane, Wash., a corporation of Washington. Republished by registrant.

ROUNDUP

FOR BLUING AND AMMONIA.
Claims use since Jan. 2, 1918.

Reg. No. 228,991. Registered June 14, 1927. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

PACIFIC ECONOMY

FOR SODA.
Claims use since Mar. 22, 1913.

Reg. No. 234,557. Registered Nov. 1, 1927. MO-GROW CHEMICAL CO., Flora, Miss. Republished by Plough, Inc., Memphis, Tenn., a corporation of Delaware.

MO-GROW

FOR FAIR-SKIN OINTMENT, SKIN BALM, HAIR DRESSING AND GROWER, AND PRESSING COMPOUND FOR THE HAIR.
Claims use since Apr. 1, 1926.

Reg. No. 235,685. Registered Nov. 22, 1927. PLOUGH CHEMICAL COMPANY, doing business as The St. Joseph Company, Memphis, Tenn. Republished by Plough, Inc., Memphis, Tenn., a corporation of Delaware.

St. Joseph's Pure ASPIRIN

No claim is made to the words "Pure Aspirin" except in association with the other features of the mark as shown.
FOR MEDICINAL PREPARATION—NAMELY, ASPIRIN.
Claims use since about Apr. 22, 1926.

Reg. No. 244,140. Registered July 10, 1928. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa., a corporation of Pennsylvania. Republished by registrant.

OIL OF YOUTH

FOR LINIMENT FOR INTERNAL AND EXTERNAL USE FOR THE ALLEVIATION OF PAIN, AS IN CASES OF CRAMPS, CHOLERA, COUGHS, COLDS, EARACHE, LUMBAGO, NEURALGIA, NERVOUS OR SICK HEADACHE, RHEUMATISM, SORE THROAT, TOOTHACHE, LA GRIPPE, AND LIKE AILMENTS.
Claims use since Oct. 25, 1922.

Reg. No. 249,390. Registered Nov. 13, 1928. ERNST SCHAUFLER, Reutlingen, Germany. Republished by R. B. Semler, Inc., New Canaan, Conn., a corporation of New York.

KREML

FOR HAIR TONIC.
Claims use since about 1911.

Reg. No. 253,554. Registered Feb. 26, 1929. SPICER AND COMPANY, Glendale, Calif. Republished by The Harrower Laboratory, Inc., Glendale, Calif., a corporation of Delaware.

PANOPSIN

FOR PREPARATION FOR THE TREATMENT OF FLATULENCE AND NAUSEA AND AN AUXILIARY TO THE ASSIMILATION OF CARBOHYDRATES.
Claims use since Aug. 31, 1928.

Reg. No. 262,766. Registered Oct. 22, 1929. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

ADRENO-CORTIN

FOR PREPARATION FOR USE IN THE TREATMENT OF ADRENAL INSUFFICIENCY OR HYPOADRENIA.
Claims use since May 1, 1929.

Reg. No. 280,660. Registered Feb. 24, 1931. ALEXANDRA DE MARKOFF, INC., New York, N. Y. Republished by Alexander de Markoff, Inc., New York, N. Y., a corporation of New York.



The drawing is lined to indicate the color garnet. The representation of the container per se is disclaimed.
FOR COSMETICS—NAMELY, SKIN TONICS, COLD CREAM, ASTRINGENTS, AND PERFUMES.
Claims use since Jan. 17, 1930.

Reg. No. 290,216. Registered Dec. 22, 1931. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

WHITE KING



FOR WATER SOFTENER.
Claims use since July 7, 1931.

Reg. No. 305,319. Registered Aug. 15, 1933. LOS ANGELES SOAP COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

NADJI

FOR PERFUME.
Claims use since Oct. 6, 1932.

Reg. No. 315,096. Registered July 17, 1934. C. B. FLEET CO. INC., Lynchburg, Va., a corporation of Virginia. Republished by registrant.

PHOSPHO-SODA
(FLEET)

FOR CONCENTRATED SOLUTION OF SODIUM PHOSPHATE USED AS A LAXATIVE, PURGATIVE, AND HEPATIC STIMULANT, AND FOR THE TREATMENT OF CONSTIPATION, GASTRO-INTESTINAL DISTURBANCES, JAUNDICE, SEASICKNESS, SICKNESS DURING PREGNANCY, AND FOR THE RELIEF OF IRRITATION OF THE STOMACH AND NAUSEA.
Claims use since 1893.

Reg. No. 315,097. Registered July 17, 1934. C. B. FLEET CO. INC., Lynchburg, Va., a corporation of Virginia. Republished by registrant.

FLEET

FOR CONCENTRATED SOLUTION OF SODIUM PHOSPHATE USED AS A LAXATIVE, PURGATIVE, AND HEPATIC STIMULANT, AND FOR THE TREATMENT OF CONSTIPATION, GASTRO-INTESTINAL DISTURBANCES, JAUNDICE, SEASICKNESS, SICKNESS DURING PREGNANCY, AND FOR THE RELIEF OF IRRITATION OF THE STOMACH AND NAUSEA.
Claims use since 1893.

Reg. No. 336,434. Registered July 7, 1936. NEVA-WET CORPORATION OF AMERICA, INC., New York, N. Y. Republished by Royce Chemical Company, Carlton Hill, N. J., a corporation of New Jersey.

DRY-TEX

The word "Dry" is disclaimed apart from the mark as shown.
FOR PROCESSING FLUIDS FOR TREATING HATS, SILK, WOOL, COTTON FABRICS AND ALL TYPE YARNS, ARTIFICIAL SILKS, ARTIFICIAL FABRICS, PAPER, CELLULOSE PAPER, FURS, CLOTHING, FOR RENDERING THEM WATER REPELLENT.
Claims use since Apr. 10, 1933.

Reg. No. 361,317. Registered Oct. 11, 1938. JACQUELINE COCHRAN, Chicago, Ill., and Roselle, N. J. Republished by Jacqueline Cochran, Chicago, Ill., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware.

Wings to Beauty

FOR COSMETICS AND BEAUTY PREPARATIONS—NAMELY, HERBAL LOTION, SKIN TONIC, FOUNDATION CREAM, HERBAL OIL, LIQUEFYING CLEANSING CREAM, TISSUE CREAM, PORE TEXTURE, CLEANSING CREAM, HAND LOTION, EYE CREAM, SUNBURN PREVENTATIVE, LIPSTICK, EYE SHADOW, FACE POWDER, ROUGE, ROUGE COMPACTS AND MASCARA.
Claims use since Nov. 23, 1937.

Reg. No. 362,665. Registered Nov. 29, 1938. DITTO, INCORPORATED, Chicago, Ill., a corporation of West Virginia. Republished by registrant.

DITTO
DIRECT PROCESS LIQUID

The words "Process Liquid" are disclaimed apart from the mark as shown.
FOR SOLVENTS FOR DUPLICATING MACHINES OF THE TYPE WHEREIN THE COPY SHEETS ARE MOISTENED WITH SOLVENT AND BROUGHT INTO CONTACT WITH DATA PRINTED OR TYPEWRITTEN ON MASTER SHEETS.
Claims use since Oct. 25, 1934.

Reg. No. 374,863. Registered Jan. 30, 1940. MARTIN DE BOTELHO, New York, N. Y. Republished by Alexandra de Markoff, Inc., New York, N. Y., a corporation of New York.







FOR FACIAL PREPARATIONS, INCLUDING NOURISHING CREAM, STIMULATION CREAM, FLUID SKIN CLEANSER, CLEANSING CREAM, SKIN TONIC, FACE POWDER, ROUGE, LIPSTICK, AND EYE SHADOW.
Claims use since Mar. 1, 1939.

Reg. No. 375,602. Registered Feb. 20, 1940. L. & S. HOG TONIC CO., Midville, Ga. Republished by E. B. Lamb, Wadley, Ga.

L & S

FOR TONIC AND WORMING PREPARATION FOR POULTRY, DOGS, AND LIVESTOCK, PARTICULARLY HOGS.
Claims use since Sept. 1, 1939.

Reg. No. 376,849. Registered Apr. 9, 1940. PAUL S. CASEY, doing business as Vitamineral Products Company, Peoria, Ill. Republished by registrant.

VIAFERM

FOR COMPOUND CONTAINING VARIOUS MINERALS TO BE MIXED WITH FEED RATIONS OF ANIMALS FOR PURPOSES OF CORRECTING AND PREVENTING FEED DEFICIENCIES.
Claims use since Apr. 1, 1921.

Reg. No. 377,488. Registered May 7, 1940. PAUL S. CASEY, doing business as Vitamineral Products Company, Peoria, Ill. Republished by registrant.

Via-D-Mineral

The word "Mineral" is disclaimed apart from the mark as shown.
FOR COMPOUND CONTAINING VARIOUS MINERALS TO BE MIXED WITH FEED RATIONS OF ANIMALS FOR PURPOSES OF CORRECTING AND PREVENTING FEED DEFICIENCIES.
Claims use since Apr. 1, 1921.

Reg. No. 378,449. Registered June 11, 1940. PAUL S. CASEY, doing business as Vitamineral Products Company, Peoria, Ill. Republished by registrant.

Con-o-mineral

The word "Mineral" is disclaimed apart from the mark as shown.
FOR COMPOUND CONTAINING VARIOUS MINERALS TO BE MIXED WITH FEED RATIONS OF ANIMALS FOR PURPOSES OF CORRECTING AND PREVENTING FEED DEFICIENCIES.
Claims use since Apr. 1, 1921.

Reg. No. 378,450. Registered June 11, 1940. PAUL S. CASEY, doing business as Vitamineral Products Company, Peoria, Ill. Republished by registrant.

Viamineral

The word "Mineral" is disclaimed apart from the mark as shown.
FOR COMPOUND CONTAINING VARIOUS MINERALS TO BE MIXED WITH FEED RATIONS OF ANIMALS FOR PURPOSES OF CORRECTING AND PREVENTING FEED DEFICIENCIES.
Claims use since Apr. 1, 1921.

Reg. No. 387,348. Registered May 13, 1941. FOSTER M. HULL, doing business as Hull Laboratories, Los Angeles, Calif. Republished by Pharmaceuticals, Inc., Los Angeles, Calif., a corporation of California.

PYO-GON

FOR ANALGESIC ANTISEPTIC, NON-IRRITATING SURGICAL DRESSING IN SEMI-GELATINOUS FORM, FOR THE TREATMENT OF PYROGENIC INFECTION.
Claims use since Aug. 13, 1937.

Reg. No. 390,884. Registered Oct. 7, 1941. THE HARROWER LABORATORY, INC., Glendale, Calif., a corporation of Delaware. Republished by registrant.

PLURIZYME

FOR CHOCOLATE COATED COMPRESSED TABLETS FOR USE IN THE SUPPLEMENTARY TREATMENT OF INDIGESTION AND MALNUTRITION.
Claims use since Feb. 3, 1941.

Reg. No. 405,430. Registered Feb. 1, 1944. GIBBS & COMPANY, Chicago, Ill. Republished by Models' Cosmetics Inc., Chicago, Ill., a corporation of Delaware.

MODELS' SPECIAL

The word "Special" is disclaimed apart from the mark as shown.
FOR MAKE-UP, LIPSTICK, ROUGE, FACE POWDER, EYELASH AND EYEBROW MASCARA, CREAMS FOR THE HANDS AND FACE, PREPARATIONS FOR SKIN, HAIR, AND FINGER NAILS, AND PERFUMES.
Claims use since Apr. 10, 1941.

Reg. No. 406,682. Registered Apr. 18, 1944. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J., a corporation of New Jersey. Republished by registrant.

NEOZYME

FOR CHEMICALS ADAPTED FOR THE REMOVAL OF SIZING MATERIALS FROM TEXTILE FABRICS.
Claims use since Jan. 30, 1942.

Reg. No. 412,149. Registered Feb. 20, 1945. OAKITE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CRYSCOAT

The notation "Coat," per se is disclaimed apart from the mark as shown.
FOR CHEMICAL PREPARATION INTENDED TO BE APPLIED TO METAL SURFACES FOR THE PURPOSE OF MAKING PAINT ADHERE THERETO FIRMLY.
Claims use since Aug. 10, 1944.

Ser. No. 425,195. Registered Nov. 5, 1946. ANDERSON-STOLZ PHARMACEUTICALS, INC., Kansas City, Mo., assignor to Skinner Manufacturing Company. Republished by Skinner Manufacturing Company, Omaha, Nebr., a corporation of Nebraska.

NIL

FOR DEODORANT AND ANTISEPTIC IN LIQUID FORM TO BE SPRAYED DIRECTLY UPON ARTICLES TO BE TREATED AND INTO THE AIR OF ROOMS TO BE DEODORIZED.
Claims use since Feb. 12, 1946.

Reg. No. 427,495. Registered Feb. 11, 1947. SYLVIA WALTERS, St. Louis, Mo. Republished by registrant.

Mme. SRW

FOR ALL PURPOSE HAIR PREPARATION.
Claims use since Feb. 15, 1946.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 68,386. Registered Apr. 7, 1908. MARY ELIZABETH JOHNSON, TRUSTEE, Fitchburg, Mass. Republished by Iver Johnson's Arms & Cycle Works, Fitchburg, Mass., a corporation of Massachusetts.

CHAMPION

FOR SHOTGUNS.
Claims use since Jan. 1, 1882.

Reg. No. 68,389. Registered Apr. 7, 1908. MARY ELIZABETH JOHNSON, TRUSTEE, Fitchburg, Mass. Republished by Iver Johnson's Arms & Cycle Works, Fitchburg, Mass., a corporation of Massachusetts.



FOR REVOLVERS.
Claims use since July 1, 1893.

CLASS 10

FERTILIZERS

Reg. No. 238,331. Registered Feb. 7, 1928. THE TENNESSEE COPPER & CHEMICAL CORPORATION, Lockland, Ohio, and New York, N. Y. Republished by Tennessee Corporation, New York, N. Y., and Atlanta, Ga., a corporation of New York.

Lōma

FOR FERTILIZERS AND PLANT FOOD FOR LAWNS AND GARDENS.
Claims use since July 1, 1927.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 169,228. Registered June 12, 1923. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania.

Guild

FOR WRITING INK AND WRITING FLUID IN VARIOUS COLORS.
Claims use since Feb. 17, 1922.

Reg. No. 372,852. Registered Nov. 14, 1939. CODO MANUFACTURING CORPORATION, Coraopolis, Pa., and Chicago, Ill., a corporation of Delaware. Republished by registrant.

STENOCOPY

FOR TYPEWRITER RIBBONS AND CARBON PAPER
Claims use since June 20, 1939.

Reg. No. 398,015. Registered Oct. 6, 1942. INTERNATIONAL PRINTING PRESSMEN AND ASSISTANTS' UNION OF NORTH AMERICA, Pressmen's Home, Tenn., a voluntary association. Republished by registrant.

PRINTING INKS UNION LABEL ROLLER PRODUCTS

All the wording without the circle is disclaimed apart from the mark as shown.
FOR PRINTING INKS AND INKING ROLLERS OF ALL KINDS USED IN THE PRINTING TRADE; PRINTERS' ROLLER COMPOSITIONS AND THE LIKE INKING MATERIALS.
Claims use since Apr. 30, 1941.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 107,960. Registered Jan. 4, 1916. MERLIN T. CALEF, Philadelphia, Pa. Republished by Philadelphia Quartz Company, Philadelphia, Pa., a corporation of Pennsylvania.

SILMAC

FOR MATERIAL USED IN BUILDING ROADS, APPLIED BY MIXING OR BY PENETRATION.
Claims use since July 1, 1914.

Reg. No. 159,677. Registered Oct. 3, 1922. CARNEY CEMENT COMPANY, Mankato, Minn. Republished by The Carney Company, Inc., Mankato, Minn., a corporation of Minnesota.

CARNEY

FOR CEMENT FOR CONSTRUCTION PURPOSES.
Claims use since Jan. 13, 1922.

Reg. No. 167,519. Registered May 1, 1923. PACIFIC CLAY PRODUCTS CO., Los Angeles, Calif. Republished by Pacific Clay Products, Los Angeles, Calif., a corporation of California.

PACIFIC

FOR PRESSED BRICK, GLAZED AND ENAMEL BRICK, RUFFLED BRICK, FIRE BRICK, SEGMENT BLOCKS, FIRE CLAY GAS STOVE FLUES, FIRE CLAY FLUE LININGS, FIRE CLAY CHIMNEY PIPES AND FITTINGS, TERRA-COTTA FLUE LININGS, TERRA-COTTA THIMBLES, TERRA-COTTA STARTING PIPES.
Claims use since Apr. 1, 1921.

Reg. No. 167,520. Registered May 1, 1923. PACIFIC CLAY PRODUCTS CO., Los Angeles, Calif. Republished by Pacific Clay Products, Los Angeles, Calif., a corporation of California.

PACIFIC

FOR VITRIFIED SALT GLAZED SEWER PIPE, TILE WATER PIPE, TILE CONDUIT PIPE, FLOOR TILE, DRAIN TILE, AND SEGMENT BLOCKS.
Claims use since Apr. 1, 1921.

Reg. No. 169,590. Registered June 26, 1923. THE DONLEY BROTHERS COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DONLEY DEVICES

The word "Devices" is disclaimed apart from the mark as shown.
FOR ASH DUMPS FOR FIREPLACES; ASH-PIT AND CHIMNEY FLUE DOORS; COAL CHUTES IN HOUSE WALLS; WHEEL GUARDS FOR BUILDINGS; IN-WALL METER BOXES; GARBAGE RECEIVERS TO SET IN WALLS, FLOORS, OR PITS; STANCHIONS FOR BUILDINGS; VENTILATION GRATES FOR WALLS OR FLOORS; WALL TIES; AND PACKAGE RECEIVING BOXES TO BE SET IN WALLS.
Claims use since Nov. 29, 1919.

Reg. No. 218,502. Registered Sept. 28, 1926. MARINE DECKING & SUPPLY CO., Philadelphia, Pa. Republished by Oakite Products, Inc., New York, N. Y., a corporation of New York.

TRAZITE

FOR COMPOSITION FLOORING.
Claims use since Jan. 1, 1925.

Reg. No. 240,671. Registered Apr. 3, 1928. PACIFIC CLAY PRODUCTS, Los Angeles, Calif., a corporation of California. Republished by registrant.

PYTHON

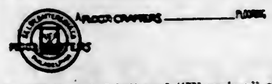
FOR BRICK—NAMELY, FIRE BRICK.
Claims use since Apr. 1, 1927.

Reg. No. 275,251. Registered Sept. 16, 1930. SELBY, BATTERSBY AND COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

SELBATEX

FOR MATERIALS FOR PLASTIC AND MASTIC FLOOR COVERINGS INTENDED TO BE MANUFACTURED IN PLACE AND FOR PLASTIC AND MASTIC FLOORS IN CONDITION FOR LAYING.
Claims use since Apr. 6, 1928.

Reg. No. 275,252. Registered Sept. 16, 1930. SELBY, BATTERSBY AND COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.



The words "Philadelphia" and "Flooring" are disclaimed apart from the mark as shown.
FOR MATERIALS FOR PLASTIC AND MASTIC FLOOR COVERINGS INTENDED TO BE MANUFACTURED IN PLACE AND PLASTIC AND MASTIC FLOORS IN CONDITION FOR LAYING.
Claims use since Apr. 6, 1928.

Reg. No. 283,153. Registered May 19, 1931. SELBY, BATTERSBY AND COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

LEVELITE

FOR EMULSIFIED ASPHALT AND MAGNESITE MATERIALS FOR PLASTIC AND MASTIC FLOOR COVERINGS INTENDED TO BE MANUFACTURED IN PLACE, AND FOR PLASTIC AND MASTIC FLOORS.
Claims use since about Apr. 16, 1928.

Reg. No. 329,017. Registered Oct. 15, 1935. HYDRAULIC-PRESS BRICK COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Hy-tex

FOR BRICK.
Claims use since Jan. 2, 1913.

Reg. No. 353,122. Registered Dec. 28, 1937. GRANT WILSON INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DUX-SULATION

FOR THERMAL AND SOUND INSULATING AND FIREPROOFING FELT.
Claims use since Sept. 1, 1936.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 64,784. Registered Aug. 20, 1907. THE HAYDENVILLE COMPANY, Haydenville, Mass., a corporation of New Jersey. Republished by registrant.

H

FOR VALVES, COCKS, FAUCETS.
Claims use since 1872.

Reg. No. 177,408. Registered Dec. 18, 1923. THE DONLEY BROTHERS COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DONLEY DEVICES

The word "Devices" is disclaimed apart from the mark as shown.

FOR DRAIN-PIPE TRAPS FOR REFRIGERATORS, BATHTUBS, AND THE LIKE; SEWER-PIPE STRAINERS, SLOP SINKS, CONCRETE INSERTS, JOIST ANCHORS, WALL PLUGS FOR HOLDING NAILS IN MASONRY; RINGS AND COVERS FOR COAL HOLES, HANDHOLES, AND MANHOLES; AND CLOTHESLINE POSTS.
Claims use since Nov. 29, 1919.

Reg. No. 223,784. Registered Feb. 8, 1927. FLORENCE PIPE FOUNDRY & MACHINE COMPANY, Florence, N. J., and Philadelphia, Pa., a corporation of New Jersey. Republished by registrant, present address Florence, N. J.

SAND-SPUN

FOR CAST IRON PIPES.
Claims use since May 26, 1926.

Reg. No. 244,817. Registered July 31, 1928. THE CLEVELAND HEATER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

PATROL

FOR METAL PIPE FITTINGS, VALVES, COCKS, RELIEF VALVES, REGULATING VALVES, AND CONTROL VALVES.
Claims use since Oct. 22, 1925.

Reg. No. 432,089. Registered Aug. 19, 1947. JAMES L. BROWN, doing business as Jim Brown's Toy Company, Akron, Ohio. Republished by registrant.

5 IN 1

FOR METAL FIXTURE FOR HOLDING GARDEN AND HOUSEHOLD TOOLS.
Claims use since Nov. 6, 1945.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 45,068. Registered Aug. 8, 1905. BILLINGS & SPENCER COMPANY, Hartford, Conn. Republished by The Billings & Spencer Company, Hartford, Conn., a corporation of Connecticut.

B

FOR DIE FORGINGS.
Claims use since about Sept. 1, 1870.

Reg. No. 215,548. Registered July 20, 1926. UNITED STATES METALS REFINING COMPANY, Carteret, N. J. Republished by The American Metal Company (Limited), New York, N. Y., a corporation of New York.

DRW

FOR WIRE BARS, BARS, INGOT BARS, INGOTS, AND CAKES OF GOLD, SILVER, COPPER.
Claims use since about the year 1904.

Reg. No. 327,777. Registered Sept. 3, 1935. OHIO FERRO-ALLOYS CORPORATION, Canton, Ohio, a corporation of Ohio. Republished by registrant.

DEPENDABILITY PHILO BRAND QUALITY SERVICE

The words "Brand," "Quality," "Service," and "Dependability" are disclaimed apart from the mark as shown.

FOR FERRO-ALLOYS—NAMELY, FERRO-SILICON, ALL GRADES; FERRO-CHROME; FERRO-MANGANESE; AND SILICO-MANGANESE.
Claims use since Apr. 23, 1935.

Reg. No. 374,942. Registered Jan. 30, 1940. MARTIN KURZER, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

BRONZOCHROM

FOR METAL ALLOYS IN ROD AND WIRE FORM USED IN WELDING AND FOR CORE SOLDER.
Claims use since 1937.

Reg. No. 403,413. Registered Sept. 21, 1943. OHIO FERRO-ALLOYS CORPORATION, Canton, Ohio, a corporation of Ohio. Republished by registrant.

BOROSIL

FOR FERRO-ALLOYS—NAMELY, AN ALLOY OF BORON, SILICON, AND IRON.
Claims use since July 28, 1942.

Reg. No. 413,659. Registered May 8, 1945. RENE D. WASSERMAN, doing business as Eutectic Welding Alloys Company, New York, N. Y. Republished by Eutectic Welding Alloys Corporation, New York, N. Y., a corporation of New York.

CASTOLIN EUTECTIC

The word "Eutectic" is disclaimed apart from the mark as shown.

FOR METALLIC WELDING, BRAZING, AND SOLDERING ALLOYS IN THE FORM OF ELECTRODES AND RODS COATED WITH OR HAVING INCORPORATED THEREIN FLUX SUBSTANCE.
Claims use since June 1942.

CLASS 15

OILS AND GREASES

Reg. No. 164,498. Registered Feb. 20, 1923. WILSHIRE OIL COMPANY, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

RADIO

FOR GASOLINE, ENGINE DISTILLATE, FURNACE DISTILLATE, KEROSENE, BENEZINE, GAS OIL, FUEL OIL, LUBRICATING OILS, LUBRICATING GREASES, AND CRUDE OIL AND DIESEL ENGINE DISTILLATE.
Claims use since June 15, 1922.

Reg. No. 194,001. Registered Jan. 13, 1925. WILSHIRE OIL COMPANY, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

WILSHIRE WILSHIRE OIL CO. INC. WILSHIRE OIL CO. INC. LOS ANGELES, CAL. U.S.A.

The use of the geographical term "Los Angeles, Cal., U. S. A.," is disclaimed apart from the mark as shown.

FOR PETROLEUM PRODUCTS—VIZ., GASOLINE, ENGINE DISTILLATE, STOVE DISTILLATE, FURNACE DISTILLATE, DIESEL-ENGINE DISTILLATE, KEROSENE, BENZINE, GAS OIL, FUEL OIL, LUBRICATING OILS, LUBRICATING GREASES, AND CRUDE OIL.
Claims use since 1919.

Reg. No. 290,070. Registered Dec. 22, 1931. WILSHIRE OIL COMPANY, INC., Vernon, Calif., a corporation of California. Republished by registrant, present address Los Angeles, Calif.

LUCKY STRIKE GASOLINE

The word "Gasoline" is disclaimed apart from the mark as shown.

FOR GASOLINE, KEROSENE, DISTILLATE, FUEL OIL, BOTH THE DISTILLATE AND THE FUEL OIL BEING INTENDED FOR USE AS MOTOR FUEL AND FURNACE FUEL, AND LUBRICATING OILS AND GREASES.
Claims use since Feb. 24, 1931.

Reg. No. 384,487. Registered Jan. 21, 1941. WILSHIRE OIL COMPANY, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

ECONOMY

FOR GASOLINE.
Claims use since July 15, 1919.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 78,513. Registered June 21, 1910. THE HANNA PAINT MFG. CO., Columbus, Ohio, a corporation of Ohio. Republished by registrant.

GREEN SEAL

FOR LIQUID PAINT.
Claims use since about October 1887.

Reg. No. 106,217. Registered Oct. 19, 1915. CLINTON METALLIC PAINT COMPANY, Franklin Springs, N. Y., a corporation of New York. Republished by registrant, present address Clinton, N. Y.

CLINTON METALLIC PAINT CO. TRADE Clinton MARK CLINTON, N.Y.

The words "Clinton Metallic Paint Co.," "Clinton, N. Y.," and "Trade-Mark" are disclaimed apart from the mark as shown.
FOR MIXED PAINTS, DRY PAINTS, PAINT-COLORS AND PAINT-PIGMENTS.
Claims use since Mar. 1, 1914.

Reg. No. 196,874. Registered Mar. 31, 1925. WAUKEGAN CHEMICAL COMPANY, North Chicago, Ill. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

BREVOLITE

FOR LACQUERS AND LACQUER ENAMELS.
Claims use since May 21, 1919.

Reg. No. 197,335. Registered Apr. 14, 1925. CELLULOID ZAPON COMPANY, Wilmington, Del., now by change of name The Zapon Company. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

ZAPON

FOR READY-MIXED PAINTS AND ENAMELS, PAINT COLORS, VARNISHES, LACQUERS AND THINNERS FOR PAINTS AND ENAMELS, PAINT-LIKE COMPOUNDS FOR LACQUERING AND ENAMELING AND THINNERS THEREFOR.
Claims use since Aug. 11, 1891.

Reg. No. 221,230. Registered Nov. 23, 1926. THE HANNA PAINT MFG. CO., Columbus, Ohio., a corporation of Ohio. Republished by registrant.

CHINO-GLOSS

The word "Gloss" is disclaimed apart from the mark as shown.
FOR PAINT ENAMEL.
Claims use since March 1920.

Reg. No. 221,233. Registered Nov. 23, 1926. THE HANNA PAINT MFG. CO., Columbus, Ohio., a corporation of Ohio. Republished by registrant.

SATINOID

FOR READY-MIXED PAINTS.
Claims use since October 1909.

Reg. No. 224,702. Registered Mar. 1, 1927. THE HANNA PAINT MFG. CO., Columbus, Ohio., a corporation of Ohio. Republished by registrant.

Stippelen

FOR READY MIXED WALL FINISH PAINTS.
Claims use since February 1917.

Reg. No. 227,758. Registered May 17, 1927. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by Registrant.

LINOTEX

FOR READY-MIXED PAINTS.
Claims use since July 28, 1925.

Reg. No. 283,040. Registered May 12, 1931. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by Registrant.

DURATINT

FOR FLAT WALL PAINT.
Claims use since Mar. 15, 1928.

Reg. No. 298,060. Registered Oct. 11, 1932. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by Registrant.

AAA1

FOR VARNISH.
Claims use since Mar. 8, 1932.

Reg. No. 310,786. Registered Mar. 6, 1934. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by Registrant.

SEMI-SHINE

The words "Semi-Shine" are disclaimed apart from the mark as shown.
FOR PAINT ENAMEL.
Claims use since Sept. 29, 1933.

Reg. No. 331,820. Registered Jan. 21, 1936. LEE GOODMAN, doing business as Sta-Wax Products Company, Mangum, Okla. Republished by Tirey Hardin, Clinton, Okla.

Sta-Wax

The word "Wax" is disclaimed apart from the mark as shown.
FOR FURNITURE POLISH.
Claims use since July 1, 1933.

Reg. No. 390,010. Registered Sept. 2, 1941. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

BROADCAST GL

FOR PAINT ENAMEL.
Claims use since Feb. 4, 1941.

Reg. No. 409,252. Registered Sept. 26, 1944. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

ARMADILLO

FOR PIGMENTED PRIMER AND SEALER FOR USE ON NEW WOOD AND FRESH PLASTERED SURFACES.
Claims use since Apr. 5, 1941.

Reg. No. 409,581. Registered Oct. 10, 1944. THE WILBUR & WILLIAMS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

TOTRUST

FOR READY-MIXED PAINTS AND PAINT ENAMELS.
Claims use since Nov. 1, 1930.

Reg. No. 409,721. Registered Oct. 17, 1944. THE WILBUR & WILLIAMS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

TOTALUME

FOR READY-MIXED PAINTS AND PAINT ENAMELS.
Claims use since June 1, 1931.

Reg. No. 416,333. Registered Sept. 4, 1945. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Plam

FOR READY-MIXED PAINTS, VARNISH, AND PAINT ENAMELS.
Claims use since Feb. 16, 1945.

Reg. No. 420,588. Registered Apr. 23, 1946. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

ZAPAK

FOR COATING COMPOSITIONS IN THE NATURE OF A LACQUER FOR PAPER AND PACKAGING MATERIALS, ALSO SUITABLE FOR USE AS A LAMINATING MATERIAL.
Claims use since May 12, 1945.

Reg. No. 420,602. Registered Apr. 23, 1946. THE WILBUR & WILLIAMS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Protectioneered

FOR READY-MIXED PAINTS, RUST INHIBITING PAINTS, PASTE PAINTS, EQUIPMENT ENAMELS, METAL PROTECTIVE ENAMELS AND MASONRY PAINTS.
Claims use since Dec. 1, 1943.

Reg. No. 420,636. Registered Apr. 23, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

CODUR

FOR SYNTHETIC BAKING ENAMELS.
Claims use since July 1, 1939.

Reg. No. 420,637. Registered Apr. 23, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

DULAC

FOR CLEAR LACQUERS AND LACQUER ENAMELS.
Claims use since Dec. 15, 1937.

Reg. No. 420,878. Registered May 7, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

COPLAST

FOR PLASTIC RESIN BASE PRIMER FOR ZINC AND OTHER METALS.
Claims use since Apr. 21, 1944.

Reg. No. 420,879. Registered May 7, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

DURAD

FOR SYNTHETIC RESIN VARNISHES AND ENAMELS.
Claims use since July 1, 1929.

Reg. No. 421,701. Registered June 11, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

DYKAST

FOR LACQUERS AND PAINT ENAMELS.
Claims use since July 21, 1936.

Reg. No. 421,702. Registered June 11, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

SLATITE

FOR LACQUERS AND PAINT ENAMELS.
Claims use since Aug. 10, 1937.

Reg. No. 421,704. Registered June 11, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

PIONEERS IN PROTECTION
M&WCo
1876

The word "Protection" is disclaimed apart from the mark as shown.
FOR PAINTS, IN PASTE AND READY MIXED FORM, LACQUERS AND PAINT ENAMELS.
Claims use since 1904.

Reg. No. 421,780. Registered June 18, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

PRISMLAC

FOR CRYSTALLIZING LACQUERS.
Claims use since Feb. 15, 1930.

Reg. No. 422,318. Registered July 16, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

DURVIN

FOR COATING COMPOSITIONS CONTAINING VINYL RESINS.
Claims use since July 1, 1934.

Reg. No. 422,319. Registered July 16, 1946. MAAS & WALDSTEIN CO., Newark, N. J., a corporation of New Jersey. Republished by registrant.

RAYDUR

FOR ENAMELS CONTAINING SYNTHETIC RESINS AND VARNISHES.
Claims use since Apr. 1, 1940.

Reg. No. 425,243. Registered Nov. 12, 1946. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

STIPPLETEX

FOR READY-MIXED PAINT.
Claims use since March 1926.

CLASS 17

TOBACCO PRODUCTS

Reg. No. 332,165. Registered Feb. 4, 1936. METROPOLITAN CIGAR CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CHICAGO MOTOR CLUB

The representation of the star is disclaimed apart from the mark as shown.
FOR CIGARS.
Claims use since Dec. 20, 1922.

CLASS 19

VEHICLES

Reg. No. 218,521. Registered Sept. 28, 1926. MOTOR PRODUCTS CORPORATION, Detroit, Mich., a corporation of New York. Republished by registrant.

DIAMOND

FOR AUTOMOBILE ACCESSORIES, COMPRISING RADIATOR FRONTS, WINDOW LIFTS, HINGES, LOCKS, DOVETAILS, EXHAUST PIPES, FOOT ACCELERATORS, MUFFLERS, RADIATORS, WINDSHIELDS, WINDSHIELD VISORS, INSTRUMENT PANELS, MOLDING, AND TUBING FOR USE IN CONNECTION WITH MOTOR-PROPELLED VEHICLES.
Claims use since Feb. 9, 1925.

Reg. No. 317,269. Registered Sept. 18, 1934. MOTOR PRODUCTS CORPORATION, Detroit, Mich., a corporation of New York. Republished by registrant.

CONTROLOAIRE

FOR VEHICLE WINDOW VENTILATING APPARATUS.
Claims use since about Dec. 20, 1933.

Reg. No. 388,826. Registered July 15, 1941. DIFFERENTIAL WHEEL CORPORATION, Detroit, Mich., a corporation of Delaware. Republished by registrant.

DIFFERENTIAL
WHEELS

The words "Differential Wheels" are disclaimed apart from the mark as shown.
FOR VEHICLE WHEELS, PARTICULARLY INDEPENDENTLY ROTATABLE DUAL WHEELS.
Claims use since Feb. 6, 1939.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 234,113. Registered Oct. 18, 1927. JAMBOR TOOL & STAMPING CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Bull Dog



FOR AUTOMOBILE ACCESSORIES — NAMELY, SPARK TIMERS AND AUTOMOBILE ELECTRIC-WIRING SETS.
Claims use since Dec. 11, 1925.

Reg. No. 269,435. Registered Apr. 8, 1930. DELTA ELECTRIC COMPANY, Marion, Ind., a corporation of Indiana. Republished by registrant.

BUDDY

FOR ELECTRIC LANTERNS.
Claims use since about Oct. 21, 1929.

Reg. No. 281,286. Registered Mar. 17, 1931. NEW JERSEY WOOD FINISHING COMPANY, Woodbridge, N. J., a corporation of New Jersey. Republished by registrant.

VARTEX
THE PEAK OF QUALITY

The words "The Peak of Quality" are disclaimed apart from the mark as shown.
FOR VARNISHED CAMBRIC FABRICS AND TAPES AND VARNISHED PAPERS TO BE USED IN THE INSULATION OF CABLES, MOTORS, GENERATORS, AND SIMILAR ELECTRICAL APPARATUS.
Claims use since July 21, 1930.

Reg. No. 322,510. Registered Mar. 12, 1935. DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Delta

FOR ELECTRIC MOTORS AND ELECTRIC BENCH GRINDERS.
Claims use since Sept. 15, 1931.

Reg. No. 365,023. Registered Feb. 21, 1939. INTERNATIONAL APPLIANCE CORPORATION, Brooklyn, N. Y., a corporation of New York. Republished by registrant.

BROILKING

FOR ELECTRIC COOKING STOVES.
Claims use since Mar. 15, 1938.

Reg. No. 390,979. Registered Oct. 14, 1941. THE FAIRFIELD ENGINEERING COMPANY, Marion, Ohio, a corporation of Ohio. Republished by registrant.

COALIMIT

FOR ELECTRICAL CONTROL SWITCHES.
Claims use since Nov. 20, 1940.

Reg. No. 428,532. Registered Mar. 25, 1947. THE TANGLEFOOT COMPANY, Grand Rapids, Mich., a corporation of Michigan. Republished by registrant.

DIFUSOLIER

FOR ELECTRICALLY HEATED ATOMIZER FOR SPRAYING LIQUID.
Claims use since Feb. 20, 1946.

Reg. No. 433,014. Registered Sept. 23, 1947. WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for the color red.
FOR ELECTRIC RHEOSTATS, ELECTRIC ILLUMINATION CONTROL APPARATUS FOR AFFECTING THE CONNECTIONS OF ELECTRIC LIGHT CIRCUITS AND THE CURRENT AND VOLTAGE, AND OF ELECTRIC LIGHTING DEVICES, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since Apr. 10, 1946.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 281,138. Registered Mar. 10, 1931. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.



FOR POCKET BILLIARD BALLS.
Claims use since Aug. 14, 1930.

Reg. No. 304,248. Registered June 27, 1933. HOWARD B. JONES, Chicago, Ill. Republished by Northern Signal Company, Inc., Milwaukee, Wis., a corporation of Wisconsin.

HOOT-NANNY

FOR TOY DRAWING OUTFITS.
Claims use since Dec. 8, 1932.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 46,548. Registered Sept. 26, 1905. COES WRENCH COMPANY, Worcester, Mass. Republished by The Billings & Spencer Company, Hartford, Conn., a corporation of Connecticut.

"KNIFE_HANDLE"

FOR ADJUSTABLE SCREW WRENCHES.
Claims use since February 1885.

Reg. No. 81,272. Registered Mar. 21, 1911. THE HEMPHILL MANUFACTURING COMPANY, Central Falls, R. I. Republished by Hemphill Company, Pawtucket, R. I., a corporation of Massachusetts.

BANNER

FOR AUTOMATIC STOCKING-KNITTING MACHINERY.
Claims use since Apr. 1, 1906.

Reg. No. 130,638. Registered May 4, 1920. THE BILLINGS & SPENCER COMPANY, Hartford, Conn., a corporation of Connecticut. Republished by registrant.

THE BILLINGS & SPENCER CO.

FOR TOOLS BLANKS AND FINISHED TOOLS—NAMELY, ALL KINDS AND TYPES OF THE FOLLOWING GOODS; WRENCHES, PLIERS, SCREWDRIVERS, AWLS AND REAMERS, CHISELS, COTTERPIN TOOLS, PUNCHES, HAMMERS, DRIFTS, WRENCH-SOCKETS, DOGS, CLAMPS, REAMER-HOLDERS, NURLING-TOOLS, VISES, ANVILS, TAPS, KNIVES, FILES, TACK-PULLERS, BELT SHIFTERS, HANDLES, AND ALL COMBINATIONS OF SUCH TOOLS.
Claims use since December 1912.

Reg. No. 130,843. Registered May 4, 1920. NATIONAL TRANSIT PUMP & MACHINE COMPANY, Oil City, Pa., a corporation of Pennsylvania. Republished by registrant.

TRANSIT

FOR STEAM-DRIVEN PUMPS FOR ALL CLASSES OF INDUSTRIAL SERVICE AND CONDENSERS FOR USE IN CONNECTION WITH SAME, BELT-DRIVEN AND GEAR-DRIVEN PUMPS FOR ALL CLASSES OF INDUSTRIAL SERVICE, OIL ENGINES, GAS ENGINES, AIR COMPRESSORS, GAS COMPRESSORS, METAL WORKING MILLING MACHINES, PIPE TONGS, PIPE WRENCHES, PIPE STOCKS, PIPE CUTTERS AND PIPE DIES.
Claims use since May 1, 1919.

Reg. No. 159,364. Registered Sept. 26, 1922. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania.

Guild

FOR BLANK BOOKS, LOOSE LEAF LEDGER BINDERS, LOOSE LEAF SHEETS, INDEXES FOR LOOSE LEAF EQUIPMENT, POST BINDERS, LOOSE LEAF RING BINDERS, STENOGRAPHERS' NOTE BOOKS, TYPEWRITING PAPER, WRITING, NEWSPRINT AND LEDGER PAPER, SCRATCH PADS, TABLETS, ENVELOPES, DIARIES, BLOTTING PAPER, COLUMNAR PADS, BOX FILES, PENS STEEL, PEN-HOLDERS, PENCILS, RUBBER BANDS, RUBBER ERASERS, CARD CABINETS, INDEX CARDS, GUIDE CARDS, FOLDERS, VERTICAL FILE GUIDES, PENCIL SHARPENERS, FOUNTAIN PENS, DESK PADS, CLIPS, CLAMPS, AND FASTENERS.
Claims use since Feb. 17, 1922.

Reg. No. 173,733. Registered Oct. 2, 1923. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Bondaron

FOR LEATHER LOOM SUNDRIES—NAMELY, CHECK STRAPS, LUG STRAPS, JACK STRAPS, HEEL STRAPS, BUMPER STRAPS, HOLD-UP STRAPS, PICKERS, PICKING BANDS, COMB APRONS.
Claims use since about Apr. 1, 1922.

Reg. 218,521. Registered Sept. 28, 1926. MOTOR PRODUCTS CORPORATION, Detroit, Mich., a corporation of New York. Republished by registrant.

DIAMOND

FOR AUTOMOBILE ACCESSORIES, COMPRISING RADIATOR FRONTS, WINDOW LIFTS, HINGES, LOCKS, DOVETAILS, EXHAUST PIPES, FOOT ACCELERATORS, MUFFLERS, RADIATORS, WINDSHIELDS, WINDSHIELD VISORS, INSTRUMENT PANELS, MOLDING, AND TUBING FOR USE IN CONNECTION WITH MOTOR-PROPELLED VEHICLES.
Claims use since Feb. 9, 1925.

Reg. No. 240,492. Registered Mar. 27, 1928. CLARK TRUCTRACTOR COMPANY, Buchanan, Mich. Republished by Clark Equipment Company, Buchanan, Mich., a corporation of Michigan.

CLARKAT

FOR TRACTORS.
Claims use since Jan. 2, 1927.

Reg. No. 313,739. Registered June 5, 1934. THE GEOMETRIC TOOL COMPANY, New Haven, Conn., a corporation of Connecticut. Republished by registrant.

TANGEMETRIC

FOR CHASERS AND CHASER-HOLDERS FOR DIE HEADS.
Claims use since Oct. 17, 1933.

Reg. No. 313,942. Registered June 12, 1934. THE GEOMETRIC TOOL COMPANY, New Haven, Conn., a corporation of Connecticut. Republished by registrant.

CIRCOMETRIC

FOR CHASERS AND CHASER-HOLDERS FOR DIE-HEADS.
Claims use since Oct. 5, 1933.

Reg. No. 375,878. Registered Mar. 5, 1940. CLEARING MACHINE CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR METAL WORKING PRESSES AND PARTS THEREFOR.
Claims use since October 1933.

Reg. No. 379,142. Registered July 2, 1940. UNIVERSAL VENDORS CORPORATION, Columbus, Ohio. Republished by The Vendo Company, Kansas City, Mo., a corporation of Missouri.

V E N D C O

FOR VENDING MACHINES.
Claims use since Nov. 16, 1939.

Reg. No. 386,555. Registered Apr. 15, 1941. ARTHUR L. JOHNSON, doing business as Hexacon Electric Company, Roselle Park, N. J. Republished by registrant.

HEXACON

FOR ELECTRIC SOLDERING IRONS AND ELECTRIC BRANDING IRONS.
Claims use since July 26, 1932.

Reg. No. 393,089. Registered Jan. 27, 1942. THE DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

DELTA
MILWAUKEE

The name "Milwaukee" is disclaimed apart from the mark as shown.

FOR POWER TOOLS FOR BORING, SAWING, SHAPING, AND SURFACE FINISHING WOOD, METAL, AND OTHER MATERIALS.

Claims use since May 1941.

Reg. No. 395,087. Registered May 12, 1942. THE BUCKEYE PORTABLE TOOL CO., Dayton, Ohio. Republished by Buckeye Tools Corp., Dayton, Ohio., a corporation of Ohio.

ACE

FOR MANUALLY SUPPORTED MOTOR UNITS FOR PORTABLE POWER OPERATED TOOLS, EACH COMPRISING A MOTOR, A SUPPORT FOR THE IMPLEMENT TO BE OPERATED, AND A DRIVING CONNECTION BETWEEN THE MOTOR AND THE SUPPORT FOR THE IMPLEMENT.

Claims use since Nov. 25, 1940.

Reg. 398,363. Registered Oct. 27, 1942. THE DELTA MANUFACTURING COMPANY, Milwaukee, Wis., assignor to Marshall Field, Charles G. Cushing, and H. Campbell Stuckeman, a general partnership doing business as The Delta Manufacturing Company. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Homecraft

FOR POWER TOOLS FOR BORING, SAWING, SHAPING, AND SURFACE FINISHING WOOD, METAL, AND OTHER MATERIALS, INCLUDING WOOD TURNING CHISELS.

Claims use since May 1, 1941.

Reg. No. 421,737. Registered June 18, 1946. STATIONERS' GUILD OF AMERICA, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Guild

FOR TYPEWRITER KEYS, SCISSORS, AND SHEARS.

Claims use since Apr. 23, 1934.

Reg. No. 430,114. Registered June 10, 1947. ARKWRIGHT, INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.

PACE MAKER

FOR LAWNMOWERS, LAWN SPRAYERS, SPRAY GUNS, NON-ELECTRIC UNATTACHED; HAND OPERATED.

Claims use since June 1935.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 410,567. Registered Dec. 5, 1944. BIRTMAN ELECTRIC COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MAGNETIC

FOR LAUNDRY WASHING MACHINE.

Claims use since June 1931.

CLASS 25

LOCKS AND SAFES

Reg. No. 218,521. Registered Sept. 28, 1926. MOTOR PRODUCTS CORPORATION, Detroit, Mich., a corporation of New York. Republished by registrant.

DIAMOND

FOR AUTOMOBILE ACCESSORIES, COMPRISING RADIATOR FRONTS, WINDOW LIFTS, HINGES, LOCKS, DOVETAILS, EXHAUST PIPES, FOOT ACCELERATORS, MUFFLERS, RADIATORS, WINDSHIELDS, WINDSHIELD VISORS, INSTRUMENT PANELS, MOLDING, AND TUBING FOR USE IN CONNECTION WITH MOTOR-PROPELLED VEHICLES.

Claims use since Feb. 9, 1925.

Reg. 294,375. Registered May 24, 1932. ISSACHAR P. REESE, doing business as Reese Padlock Company, Lancaster, Pa. Republished by Reese Padlock Company, Lancaster, Pa., a firm.

CHIEF

FOR PADLOCKS.

Claims use since January 1928.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 371,736. Registered Oct. 3, 1939. MATCH KING, INC., Chicago, Ill. Republished by Galter Products Co., Chicago, Ill., a corporation of Illinois.

FLEXMASTER

FOR CAMERAS, PHOTOGRAPHIC LENSES, AND SENSITIZED PHOTOGRAPHIC FILMS.

Claims use since Nov. 14, 1934.

Reg. No. 373,522. Registered Dec. 12, 1939. MATCH KING, INC., Chicago, Ill. Republished by Galter Products Co., Chicago, Ill., a corporation of Illinois.

MAJESTIC

FOR CAMERAS.

Claims use since on or about Jan. 3, 1939.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 261,222. Registered Sept. 10, 1929. THE ALASKA REFRIGERATOR COMPANY, Muskegon, Mich. Republished by Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois.

ALASKA

FOR REFRIGERATORS.

Claims use since Jan. 2, 1915.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 409,026. Registered Sept. 12, 1944. SLEEPMASTER PRODUCTS, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.

SLEEPMASTER

FOR MATTRESSES; BED SPRINGS; BOX SPRINGS; SPRINGS USED IN THE MANUFACTURE OF UPHOLSTERED FURNITURE, PILLOWS, STUDIO COUCHES, SOFA BEDS, METAL BEDS, WOODEN BEDS; CUSHIONS FOR SEATS, BACKS, AND ARMS OF FURNITURE; FOLDING COTS; GLIDING COUCH HAMMOCKS; SPONGE RUBBER AND SYNTHETIC RUBBER PRODUCTS USED AS FILLERS FOR THE FINISHED PRODUCTS AFORESAID; UPHOLSTERED ARM CHAIRS; AND UPHOLSTERED SOFAS.

Claims use since Jan. 6, 1934.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 169,146. Registered June 12, 1923. WINSLOW BOILER & ENGINEERING CO., Chicago, Ill. Republished by Kleen-Heet, Inc., Chicago, Ill., a corporation of Delaware.

Kleen-Heet

No claim is made to the words "No Labor," "No Coal," and "No Ashes" apart from the mark shown.

FOR HEAT GENERATING PLANTS COMPRISING OIL TANKS, MOTORS, FANS, PUMPS, VALVES, BURNERS, MOTOR REGULATORS, THERMOSTATS AND RELAYS.

Claims use since about July 1, 1921.

Reg. No. 243,968. Registered July 3, 1928. PITTSBURG WATER HEATER COMPANY, Pittsburgh, Pa. Republished by The Pittsburg Water Heater Corporation, Pittsburgh, Pa., a corporation of Pennsylvania.

PITTSBURG-CUB

FOR GAS HOT-WATER HEATERS.

Claims use since Dec. 21, 1926.

Reg. No. 281,933. Registered Apr. 7, 1931. AUTOMATIC BURNER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ABC

FOR FUEL OIL BURNERS.

Claims use since July 1, 1930.

Reg. No. 422,233. Registered July 9, 1946. AUTOMATIC BURNER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ABC
Oil Burner

The words "Oil Burner" are disclaimed apart from the mark as shown.

FOR FUEL OIL BURNERS.

Claims use since July 1, 1930.

Reg. No. 428,911. Registered Apr. 8, 1947. AUTOMATIC BURNER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ABC
Heating Devices

The words "Heating Devices" are disclaimed apart from the mark as shown.

FOR FUEL OIL BURNERS.

Claims use since July 1, 1930.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 37,332. Registered Nov. 19, 1901. THE GARLOCK PACKING CO., Palmyra, N. Y. Republished by The Garlock Packing Company, Palmyra, N. Y., a corporation of New York.



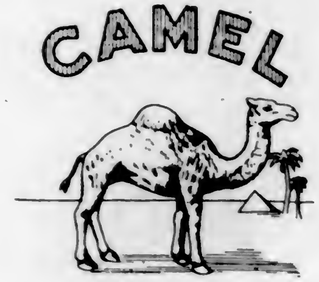
FOR ROD AND JOINT PACKING.
Claims use since about Feb. 15, 1901.

Reg. No. 117,864. Registered Aug. 7, 1917. HIGRADE BELTING & WEAVING CO., Newark, N. J. Republished by Fenwick Manufacturing Co., Newark, N. J., a firm.

IWANA

FOR TEXTILE, FIBER, RUBBER, AND BALATA BELTING.
Claims use since Mar. 16, 1917.

Reg. No. 212,511. Registered May 4, 1926. H. B. EGAN & COMPANY, Muskogee, Okla. Republished by H. B. Egan Manufacturing Company, Muskogee, Okla., a partnership.



The word "Camel" is lined for red.
FOR PNEUMATIC TIRE INNER TUBE PATCHES.
Claims use since Nov. 14, 1925.

Reg. No. 240,501. Registered Mar. 27, 1928. CHARLES BOND COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Bondupley

FOR LEATHER BELTING.
Claims use since Nov. 10, 1927.

Reg. No. 279,455. Registered Jan. 13, 1931. THE PERFECT CIRCLE CO., Hagerstown, Ind. Republished by Perfect Circle Corporation, Hagerstown, Ind., a corporation of Indiana.

85

FOR PISTON RINGS.
Claims use since Sept. 3, 1930.

Reg. No. 312,067. Registered Apr. 17, 1934. E. M. SMITH Co., Los Angeles, Calif. Republished by Grizzly Manufacturing Company, Paulding, Ohio, a corporation of California.

GRIZZLY

FOR BRAKE LINING.
Claims use since February 1920.

Reg. No. 318,806. Registered Nov. 6, 1934. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Republished by Perfect Circle Corporation, Hagerstown, Ind., a corporation of Indiana.



The words "Perfect Circle" are disclaimed apart from the mark as shown.
FOR PISTON RINGS.
Claims use since Nov. 15, 1933.

Reg. No. 319,101. Registered Nov. 13, 1934. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Republished by Perfect Circle Corporation, Hagerstown, Ind., a corporation of Indiana.



The words "Perfect Circle" are disclaimed apart from the mark as shown.
FOR PISTON RINGS.
Claims use since Oct. 27, 1933.

Reg. No. 322,517. Registered Mar. 12, 1935. NATIONAL MOTOR BEARING COMPANY, INC., San Francisco, Calif., a corporation of California. Republished by registrant.



The representation of the retainer itself, balanced on the nose of a seal, is disclaimed apart from the mark as shown.
FOR GREASE AND OIL RETAINERS OF THE FRICTION TYPE USED TO SEAL THE SPACE BETWEEN A HOUSING AND A ROTATING OR RECIPROCATING SHAFT, OR THE SPACE BETWEEN A PISTON AND CYLINDER WALL—NAMELY, RETAINERS MADE OF UNITARY CIRCULAR RINGS OF FELT, LEATHER, OR COMPOSITION; RETAINERS MADE OF UNITARY CIRCULAR RINGS OF FELT, LEATHER, OR COMPOSITION, AND HAVING A SPRING FITTED THERETO; RETAINERS MADE OF UNITARY CIRCULAR RINGS OF FELT, LEATHER OR COMPOSITION, HAVING A SPRING FITTED THERETO, AND THE WHOLE HELD WITHIN A CAGE OR SHELL OF DUCTILE STEEL, BRASS, OR ALUMINUM.
Claims use since Apr. 25, 1934.

Reg. No. 324,032. Registered May 7, 1935. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Republished by Perfect Circle Corporation, Hagerstown, Ind., a corporation of Indiana.

70

FOR PISTON RINGS.
Claims use since September 1933.

Reg. No. 351,628. Registered Nov. 2, 1937. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Republished by Perfect Circle Corporation, Hagerstown, Ind., a corporation of Indiana.



The words "Perfect Circle" are disclaimed apart from the mark as shown.
FOR PISTON RINGS.
Claims use since Apr. 16, 1937.

Reg. No. 361,313. Registered Oct. 11, 1938. CORDUROY RUBBER COMPANY, Grand Rapids, Mich., a corporation of Delaware. Republished by registrant.

SUPERIB

FOR TIRE CASINGS FOR PNEUMATIC TIRES.
Claims use since May 25, 1938.

Reg. No. 382,014. Registered Oct. 15, 1940. E. M. SMITH Co., Los Angeles, Calif. Republished by Grizzly Manufacturing Company, Paulding, Ohio, a corporation of California.

GRIZZLY
SYNCRO-SET

The word "Set" is disclaimed apart from the mark as shown.
FOR BRAKE LINING.
Claims use since Nov. 14, 1939.

Reg. No. 409,992. Registered Oct. 31, 1944. GRIZZLY MANUFACTURING COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant, present address Paulding, Ohio.

LIBERATOR

FOR BRAKE LINING.
Claims use since May 24, 1944.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 103,869. Registered Apr. 20, 1915. THE FRED GRETSCH MFG. CO., New York, N. Y., a corporation of New York. Republished by registrant.

"La Cosca"

FOR MUSICAL-INSTRUMENT STRINGS.
Claims use since 1909.

CLASS 37

PAPER AND STATIONERY

Reg. No. 107,724. Registered Dec. 21, 1915. JAPANESE TISSUE MILLS, Holyoke, Mass. Republished by American Tissue Mills, Holyoke, Mass., a corporation of Massachusetts.

HY-GIN-IC

The word "Hygienic" is disclaimed apart from the mark as shown.
FOR TISSUE NAPKINS AND PAPER TOWELS.
Claims use since on or about January 1912.

Reg. No. 159,364. Registered Sept. 26, 1922. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania.

Guild

FOR BLANK BOOKS, LOOSE LEAF LEDGER BINDERS, LOOSE LEAF SHEETS, INDEXES FOR LOOSE LEAF EQUIPMENT, POST BINDERS, LOOSE LEAF RING BINDERS, STENOGRAPHERS' NOTE BOOKS, TYPEWRITING PAPER, WRITING, NEWSPRINT AND LEDGER PAPER, SCRATCH PADS, TABLETS, ENVELOPES, DIARIES, BLOTTING PAPER, COLUMNAR PADS, BOX FILES, PENS STEEL, PEN-HOLDERS, PENCILS, RUBBER BANDS, RUBBER ERASERS, CARD CABINETS, INDEX CARDS, GUIDE CARDS, FOLDERS, VERTICAL FILE GUIDES, PENCIL SHARPENERS, FOUNTAIN PENS, DESK PADS, CLIPS, CLAMPS, AND FASTENERS.
Claims use since Feb. 17, 1922.

Reg. No. 192,496. Registered Dec. 9, 1924. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

Silkene

FOR CREPE PAPER OF VARIOUS COLORS AND COMBINATIONS OF COLORS IN ROLLS, FOLDS AND OTHER PACKAGES.
Claims use since December 1920.

Reg. No. 192,497. Registered Dec. 9, 1924. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

TEXTILE

FOR CREPE PAPER IN VARIOUS COLORS AND COMBINATIONS OF COLORS IN ROLLS, FOLDS AND OTHER PACKAGES.
Claims use since December 1919.

Reg. No. 192,498. Registered Dec. 9, 1924. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

VELVO

FOR CREPE PAPER OF VARIOUS COLORS AND COMBINATIONS OF COLORS IN ROLLS, FOLDS, AND OTHER PACKAGES.
Claims use since December 1915.

Reg. No. 192,804. Registered Dec. 9, 1924. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

VELVET

FOR CREPE PAPER OF VARIOUS COLORS AND COMBINATIONS OF COLORS IN ROLLS, FOLDS, AND OTHER PACKAGES.
Claims use since December 1921.

Reg. No. 192,805. Registered Dec. 9, 1924. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

VICTORY

FOR CREPE PAPER OF VARIOUS COLORS AND COMBINATIONS OF COLORS IN ROLLS, FOLDS, AND OTHER PACKAGES.
Claims use since December 1918.

Reg. No. 214,122. Registered June 15, 1926. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

RAINBOW

FOR CREPE PAPER.
Claims use since Mar. 10, 1913.

Reg. No. 222,768. Registered Jan. 11, 1927. AMERICAN TISSUE MILLS, Holyoke, Mass., a corporation of Massachusetts. Republished by registrant.

PLUSH

FOR CREPE PAPER.
Claims use since Aug. 28, 1926.

Reg. No. 226,526. Registered Apr. 12, 1927. J. E. LINDE PAPER CO., New York, N. Y., a corporation of New York. Republished by registrant.



FOR BOOK PAPER, COVER PAPER, BOND PAPER, WRITING PAPER.
Claims use since 1904.

Reg. No. 234,054. Registered Oct. 18, 1927. CHICAGO GUM TAPE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The trade-mark consists of a core having a blue exposed surface as indicated by the line shading on the drawing. The representation of the goods and the word "Tape" are disclaimed apart from the mark.
FOR GUMMED AND UNGUMMED PAPER SEALING, VENEER AND STAY TAPES.
Claims use since Dec. 15, 1926.

Reg. No. 304,484. Registered July 11, 1933. ROCKWELL-BARNES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DOCKET

FOR BOND PAPER.
Claims use since June 1, 1932.

Reg. No. 312,155. Registered Apr. 17, 1934. ROCKWELL-BARNES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Duplo

FOR DUPLICATING PAPER.
Claims use since Apr. 3, 1926.

Reg. No. 312,164. Registered Apr. 17, 1934. MARCALUS MANUFACTURING COMPANY, INC., doing business as Thrifty Co., Bloomfield, N. J. Republished by Marcalus Manufacturing Co. Inc., East Paterson, N. J., a corporation of New Jersey.

THRIFTY CUTTER BOX

The words "Cutter Box" are disclaimed apart from the mark as shown.
FOR WAXED PAPER.
Claims use since Aug. 24, 1932.

Reg. No. 385,808. Registered Mar. 18, 1941. DITTO, INCORPORATED, Chicago, Ill., a corporation of West Virginia. Republished by registrant.

Masterset

FOR PAPER, PART OF WHICH IS COATED WITH A TRANSFER MEDIUM ON ONE SIDE, TO BE USED IN DUPLICATING PROCESSES.
Claims use since July 23, 1940.

Reg. No. 393,870. Registered Mar. 10, 1942. DITTO, INCORPORATED, Chicago, Ill., a corporation of West Virginia. Republished by registrant.

DITT-RUN

FOR PAPER FOR DUPLICATING USE.
Claims use since Mar. 21, 1941.

Reg. No. 397,013. Registered Aug. 11, 1942. DITTO, INCORPORATED, Chicago, Ill., a corporation of West Virginia. Republished by registrant.

ANALYSLIPS

FOR CARDS OR SHEETS OF PAPER ARRANGED IN OVERLAPPING RELATION AT THEIR TOP AND BOTTOM EDGES AND DETACHABLY SECURED TOGETHER AT ONE OF THEIR SIDE EDGES.
Claims use since Sept. 15, 1941.

Reg. No. 401,427. Registered May 18, 1943. ROCKWELL-BARNES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WIRELESS

FOR NOTE BOOKS AND BLANK BOOKS.
Claims use since July 8, 1942.

Reg. No. 402,961. Registered Aug. 24, 1943. DITTO, INCORPORATED, Chicago, Ill., a corporation of West Virginia. Republished by registrant.

DUO-RUN

FOR PAPER FOR DUPLICATING USE.
Claims use since Feb. 24, 1943.

Reg. No. 406,910. Registered May 9, 1944. MAX MCGRAW, doing business as McGraw Colorgraph Company, Chicago, Ill. Republished by registrant, present address Burbank, Calif.

COLORGRAPH

FOR PIGMENT PAPER IN THE NATURE OF INSENSITIVE PRINTING PAPER.
Claims use since July 6, 1943.

Reg. No. 418,554. Registered Jan. 1, 1946. ROCKWELL-BARNES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CORPORATE

FOR TYPEWRITER PAPER AND FILE FOLDERS.
Claims use since June 15, 1922.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 124,248. Registered Jan. 28, 1919. INTERNATIONAL PRINTING PRESSMEN AND ASSISTANTS' UNION OF NORTH AMERICA, Pressmen's Home, Tenn., a voluntary association. Republished by registrant.

FOR PRINTED BOOKS, PAMPHLETS, AND CIRCULARS.
Claims use since Oct. 8, 1889.

Reg. No. 379,576. Registered July 16, 1940. GARTNER & BENDER, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

FOR GREETING CARDS.
Claims use since Jan. 25, 1940.

Reg. No. 409,492. Registered Oct. 10, 1944. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Republished by Perfect Circle Corporation, Hagerstown, Ind., a corporation of Indiana.

MAGIC CIRCLE

FOR TRADE PERIODICAL.
Claims use since May 1943.

Reg. No. 421,194. Registered May 21, 1946. THE DELTA MANUFACTURING COMPANY, Milwaukee, Wis. Republished by Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

Stylecraft

FOR PLANS FOR CONSTRUCTING PERIOD DESIGNS OF FURNITURE.
Claims use since Aug. 10, 1945.

CLASS 39

CLOTHING

Reg. No. 124,904. Registered Mar. 18, 1919. CHARLES ALBRIGHT WANNER, Fleetwood, Pa. Republished by C. A. Wanner, Inc., Fleetwood, Pa., a corporation of Pennsylvania.

FOR HOSIERY FOR MEN, WOMEN, AND CHILDREN.
Claims use since Nov. 22, 1911.

Reg. No. 126,052. Registered July 22, 1919. OSHKOSH MUSLIN UNDERWEAR COMPANY, Oshkosh, Wis. Republished by C. A. Neuburger Company, Oshkosh, Wis., a corporation of Wisconsin.

FAIR SEX

FOR LADIES' AND CHILDREN'S UNDERWEAR—NAMELY, DRAWERS, SHIRTS, UNION SUITS AND VESTS, AND LADIES' AND CHILDREN'S APRONS.
Claims use since Jan. 1, 1905.

Reg. No. 129,562. Registered Feb. 24, 1920. WELLS-LAMONT MANUFACTURING COMPANY, Minneapolis, Minn. Republished by Wells Lamont Corporation, Chicago, Ill., a corporation of Minnesota.

"FEDERATION"

FOR LEATHER AND FABRIC GLOVES.
Claims use since about Jan. 1, 1919.

Reg. No. 142,458. Registered May 17, 1921. BROOM & NEWMAN, New York, N. Y., a copartnership. Republished by registrant.

Clermont

FOR MEN'S AND BOYS' DRESS, NEGLIGEE, AND WORK SHIRTS, PAJAMAS, AND NIGHT-SHIRTS MADE OF SILK, COTTON, AND WOOL.
Claims use since July 1, 1905.

Reg. No. 158,022. Registered Aug. 22, 1922. MICHAELS STERN & COMPANY, Rochester, N. Y. Republished by Michaels, Stern & Company, Incorporated, Rochester, N. Y., a corporation of New York.

Value First

FOR MEN'S AND BOYS' SUITS AND OVERCOATS.
Claims use since April 1919.

Reg. No. 169,770. Registered July 3, 1923. NICKELS MANUFACTURING COMPANY, Bristol, Va. Republished by Nickels Manufacturing Company, Bristol, Tenn., a firm.

June Fox

FOR LADIES', MISSES', AND CHILDREN'S DRESSES.
Claims use since Aug. 1, 1922.

Reg. No. 174,273. Registered Oct. 9, 1923. STAMPER & KAISER, New York, N. Y. Republished by May McEwan Kaiser Co., Burlington, N. C., a corporation of North Carolina.

Cameo

FOR MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY.
Claims use since Dec. 5, 1922.

Reg. No. 178,117. Registered Jan. 8, 1924. FRANKEL BROTHERS, New York, N. Y. Republished by Desmond's Inc., Los Angeles, Calif., a corporation of California.

4 "Foresome"

FOR MEN'S CAPS, SWEATERS, SHOES OF LEATHER OR COMBINATIONS OF RUBBER AND LEATHER, NEGLIGEE SHIRTS, AND HOSIERY.
Claims use since May 28, 1923.

Reg. No. 194,639. Registered Feb. 3, 1925. DESMOND CLOTHING COMPANY, Los Angeles, Calif. Republished by Desmond's, Inc., a corporation of California.

DUNINGHAM

FOR MEN'S SUITS AND OVERCOATS.
Claims use since May 28, 1924.

Reg. No. 206,141. Registered Nov. 24, 1925. FRANKEL BROTHERS, New York, N. Y. Republished by Desmond's, Inc., Los Angeles, Calif., a corporation of California.

2 "Twosome"

FOR MEN'S OUTER CLOTHING CONSISTING OF COATS, VESTS, TROUSERS, AND KNICKERBOCKERS.
Claims use since about May 1, 1925.

Reg. No. 210,581. Registered Mar. 16, 1926. WIZARD LIGHTFOOT APPLIANCE COMPANY, St. Louis, Mo. Republished by Trimfoot Company, Farmington, Mo., a corporation of Missouri.

Trimfoot

FOR MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS OF THE SAME.
Claims use since June 1, 1925.

Reg. No. 223,579. Registered Feb. 8, 1927. MICHAELS, STERN & COMPANY, Rochester, N. Y. Republished by Michaels, Stern & Company Incorporated, Rochester, N. Y., a corporation of New York.

SHADOWATE

FOR LIGHT-WEIGHT TROPICAL SUITS FOR MEN.
Claims use since Aug. 1, 1926.

Reg. No. 227,589. Registered May 10, 1927. REVERE KNITTING MILLS, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.



The representation of the complete label and all the words except the name "Revere Knitting Mills" and the name "Paul Revere" are disclaimed apart from the mark.
FOR KNITTED SWEATERS AND HOSIERY.
Claims use since July 1, 1919.

Reg. No. 228,840. Registered June 14, 1927. OSHKOSH MUSLIN UNDERWEAR CO., Oshkosh, Wis. Republished by C. A. Neuburger Company, Oshkosh, Wis., a corporation of Wisconsin.



FOR LADIES' SKIRTS AND DRESSES.
Claims use since July 1, 1906.

Reg. No. 232,715. Registered Sept. 13, 1927. TRUITT BROTHERS INCORPORATED, Binghamton, N. Y., a corporation of New York. Republished by registrant.

DICKORY DOCK

FOR CHILDREN'S HIGH AND LOW SHOES CONSTRUCTED OF LEATHER, FABRIC, AND COMBINATIONS OF LEATHER AND FABRIC.
Claims use since July 1, 1924.

Reg. No. 235,931. Registered Nov. 29, 1927. CHAS. CHIPMAN'S SONS CO. INC., New York, N. Y. Republished by Stardust, Incorporated, New York, N. Y., a corporation of New York.

STARDUST

FOR HOSIERY.
Claims use since May 25, 1927.

Reg. No. 238,834. Registered Feb. 14, 1928. ROLLINS HOSIERY MILLS, Des Moines, Iowa. Republished by Morganton Full Fashioned Hosiery Company, Morganton, N. C., a corporation of Delaware.



The word "Heel" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since Aug. 1, 1927.

Reg. No. 240,641. Registered Apr. 3, 1928. MAY HOSIERY MILLS, INC., Burlington, N. C. Republished by Lynchburg Hosiery Mills, Inc., Lynchburg, Va., a corporation of Virginia.



No claim is made to the words "Hosiery" and "Your Money's Worth" apart from the mark as shown. The drawing is lined to indicate shading.
FOR HOSIERY; UNDERWEAR OF KNITTED OR TEXTILE FABRIC FOR MEN, WOMEN, AND CHILDREN; DRESSES AND SHIRTS FOR WOMEN, MISSES AND CHILDREN, AND SWEATERS.
Claims use since Sept. 25, 1923.

Reg. No. 261,776. Registered Sept. 24, 1929. HATCH FULL FASHIONED HOSIERY CO., Belmont, N. C., a corporation of North Carolina. Republished by registrant.

HATCH

FOR HOSIERY.
Claims use since Mar. 30, 1929.

Reg. No. 274,158. Registered Aug 19, 1930. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.



FOR SHOES CONSTRUCTED OF LEATHER AND/OR FABRIC.
Claims use since Mar. 1, 1929.

Reg. No. 287,800. Registered Oct. 13, 1931. HOOVER HOSIERY COMPANY, Concord, N. C., a corporation of North Carolina. Republished by Registrant.

Ló Lene

FOR HOSIERY.
Claims use since May 7, 1931.

Reg. No. 297,561. Registered Sept. 20, 1932. THE ABBOTT COMPANY, Wilton, Maine. Republished by G. H. Bass & Co., Wilton, Maine, a corporation of Maine.

STYLOCASIN

FOR BOOTS, SHOES, SLIPPERS, AND MOCCASINS OF LEATHER, RUBBER, AND FABRIC, OR COMBINATIONS THEREOF.
Claims use since Oct. 20, 1930.

Reg. No. 307,315. Registered Oct. 24, 1933. HORACE THOMPSON, doing business as Gokey Company, St. Paul, Minn. Republished by Gokey Company, Inc., St. Paul, Minn., a corporation of Minnesota.

GOKEY BOTTÉ SAUVAGE

FOR LEATHER SPORTING BOOTS.
Claims use since 1850.

Reg. No. 321,361. Registered Jan. 29, 1935. HOOVER HOSIERY COMPANY, Concord, N. C., a corporation of North Carolina. Republished by registrant.

TOWNWEAR

FOR MEN'S AND WOMEN'S HOSIERY.
Claims use since Mar. 13, 1933.

Reg. No. 325,143. Registered June 11, 1935. THE WILSON RUBBER COMPANY, Canton, Ohio, a corporation of Ohio. Republished by registrant.

Poinsettia

FOR RUBBER GLOVES FOR HOUSEHOLD AND INDUSTRIAL USE.
Claims use since on or about October 1932.

Reg. No. 328,621. Registered Oct. 1, 1935. LYNCHBURG HOSIERY MILLS, INC., Lynchburg, Va., a corporation of Virginia. Republished by registrant.

SWANKLETS

FOR MEN'S HOSIERY.
Claims use since Feb. 28, 1935.

Reg. No. 331,288. Registered Dec. 31, 1935. BENJAMIN SHANDER, Philadelphia, Pa. Republished by Benjamin Shander, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania.

Ann-Lee

FOR WOMEN'S SPORTS WEAR—NAMELY, SUITS, DRESSES, SKIRTS, SWEATERS, BLOUSES, SLACKS, AND SHORTS SETS; AND WOMEN'S LINGERIE—NAMELY, CHEMISES, DANCE SETS, NIGHT SLIPS, PANTIES, BLOOMERS, PAJAMAS, ROBES, SLIPS, AND NEGLIGEES; AND FOUNDATION GARMENTS, BRASSIERES, AND CORSETS.
Claims use since Aug. 24, 1934.

Reg. No. 334,536. Registered May 5, 1936. J. FREEZER & SON, INC., New York, N. Y., a corporation of New York. Republished by registrant.

KAYEWOOD SHIRT

The word "Shirt" is disclaimed apart from the mark as shown.
FOR MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS.
Claims use since May 1935.

Reg. No. 336,396. Registered July 7, 1936. THE SELBY SHOE COMPANY, Portsmouth, Ohio, a corporation of Ohio. Republished by registrant.

Flare-Fit

The word "Fit" is disclaimed apart from the mark as shown.
FOR WOMEN'S SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS.
Claims use since Nov. 1, 1935.

Reg. No. 355,971. Registered Apr. 5, 1938. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Cunalam

FOR KNITTED SPORT SWEATERS AND TWO-PIECE KNITTED DRESSES.
Claims use since Nov. 6, 1937.

Reg. No. 358,287. Registered July 5, 1938. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Australam

FOR LADIES' AND MISSES' KNITTED SPORT SWEATERS AND TWO-PIECE KNITTED DRESSES.
Claims use since Nov 6, 1937.

Reg. No. 362,980. Registered Dec. 6, 1938. CARDAIS CLOAK CO., St. Louis, Mo. Republished by Western Garment Company. St. Louis, Mo., a corporation of Missouri.

Jean Harper

FOR LADIES' COATS.
Claims use since July 1, 1938.

Reg. No. 372,667. Registered Nov. 7, 1939. SELECT SPORTSWEAR, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Glendundee

FOR LADIES' AND MISSES' KNITTED SPORT SWEATERS AND TWO-PIECE KNITTED DRESSES.
Claims use since June 1, 1939.

Reg. No. 376,234. Registered Mar. 12, 1940. ORANGE KNITTING MILLS, INCORPORATED, Orange, Va., a corporation of Virginia. Republished by registrant.

FOLLOW-UPS

FOR HOSIERY.
Claims use since July 24, 1939.

Reg. No. 376,884. Registered Apr. 9, 1940. ORANGE KNITTING MILLS, INCORPORATED, Orange, Va., a corporation of Virginia. Republished by registrant.

Virginia Reel

The word "Virginia" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since July 24, 1939.

Reg. No. 377,449. Registered May 7, 1940. KNIT PRODUCTS CORPORATION, Belmont, N. C. a corporation of California. Republished by registrant.

Visionized Finish

The word "Finish" is disclaimed apart from the mark as shown.
FOR HOSIERY.
Claims use since on or about Aug. 7, 1939.

Reg. No. 377,832. Registered May 14, 1940. MICHAELS, STERN & COMPANY, INCORPORATED, Rochester, N. Y., a corporation of New York. Republished by registrant.

PLENICOOL

FOR MEN'S AND BOYS' SUITS AND TOPCOATS.
Claims use since Aug. 31, 1939.

Reg. No. 381,009. Registered Sept. 10, 1940. M. SILBERT & SON, LTD., Los Angeles, Calif., a corporation of California. Republished by registrant.

Harold Crest

FOR WOMEN'S AND MISSES' COATS AND SUITS.
Claims use since Nov. 13, 1939.

Reg. No. 386,707. Registered Apr. 22, 1941. G. C. MURPHY COMPANY, McKeesport, Pa., a corporation of Pennsylvania. Republished by registrant.

TRIPLE CHECK

FOR ARTICLES OF PERSONAL APPAREL—NAMELY, CHILDREN'S AND LADIES' RAYON UNDERWEAR, CHILDREN'S COTTON SLIPS, LADIES' SLIPS; LADIES' NIGHTWEAR—NAMELY, PAJAMAS, NIGHTGOWNS, BED JACKETS, AND BATH ROBES; BOYS' KNICKERS AND LONG PANTS, MEN'S AND BOYS' ATHLETIC SHORTS, MEN'S WORK AND DRESS SHIRTS.
Claims use since on or about Aug. 6, 1940.

Reg. No. 389,724. Registered Aug. 19, 1941. ASSOCIATED RETAIL MILLINERY, INCORPORATED, Dallas, Tex., a corporation of Texas. Republished by registrant.

Marian Marcia
EXCLUSIVES

The word "Exclusives" is disclaimed apart from the mark as shown.
FOR HATS FOR WOMEN.
Claims use since Jan. 1, 1940.

Reg. No. 391,172. Registered Oct. 28, 1941. INDUSTRIAL UNDERGARMENT CORPORATION, Poughkeepsie, N. Y. Republished by Stardust, Incorporated, New York, N. Y., a corporation of New York.

Stardust

FOR SLIPS.
Claims use since Nov. 6, 1935.

Reg. No. 393,123. Registered Jan. 27, 1942. CARDAIS CLOAK COMPANY, St. Louis, Mo. Republished by Western Garment Company, St. Louis, Mo., a corporation of Missouri.

MAGICOLLAR

The word "Collar" is disclaimed apart from the mark as shown.
FOR REMOVABLE COAT COLLARS.
Claims use since July 1, 1941.

Reg. No. 393,555. Registered Feb. 17, 1942. REVERE KNITTING MILLS, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.

VERELAMA
Revere

FOR MEN'S AND BOYS' SWEATERS.
Claims use since June 2, 1941.

Reg. No. 400,192. Registered Feb. 16, 1943. WM. G. LEININGER KNITTING CO. INC., Mohnton, Pa., a corporation of Pennsylvania. Republished by registrant.

Bonded

FOR HOSIERY.
Claims use since Mar. 1, 1921.

Reg. No. 403,132. Registered Sept. 7, 1943. C. A. NEUBURGER COMPANY, Oshkosh, Wis., a corporation of Wisconsin. Republished by registrant.

FAIR SEX

FOR WOMEN'S BLOUSES, COVERALLS, SLACKS, APRONS, APRON KITS, WORK UNIFORMS, OVERALLS, DRESSES, AND SPORTSWEAR—NAMELY, OVERALLS, SLACKS, AND SLACK SUITS COMPRISING TROUSER AND JACKETS, AND BLOUSES.
Claims use since Jan. 1, 1905.

Reg. No. 403,608. Registered Oct. 5, 1943. REVERE KNITTING MILLS, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.

Revere
for AMERICA'S up to the MINUTE MEN

The words "For America's up to the Minute Men" is disclaimed apart from the mark as shown.
FOR MEN'S AND BOYS' SPORTSWEAR—NAMELY, SWEATERS AND JACKETS.
Claims use since Jan. 5, 1940.

Reg. No. 407,114. Registered May 16, 1944. C. A. NEUBURGER COMPANY, Oshkosh, Wis., a corporation of Wisconsin. Republished by registrant.

"Score-Maker"

FOR WOMEN'S DRESSES.
Claims use since Oct. 22, 1943.

Reg. No. 408,767. Registered Aug. 29, 1944. JULIUS GARFINCKEL & CO., INCORPORATED, Washington, D. C., a corporation of Virginia. Republished by registrant.

GREENBRIER

FOR LADIES', MISSES' AND GIRLS' SUITS, DRESSES, SKIRTS, COATS, WAISTS, SWEATERS, RIDING HABITS, KNICKERBOCKERS, BATHING SUITS, SCARFS, STOCKINGS, ALL LEATHER GLOVES, AND GLOVES OF ALL FABRIC, AND GLOVES OF COMBINED LEATHER AND FABRIC, AND HATS.
Claims use since Dec. 28, 1922.

Reg. No. 408,850. Registered Aug. 29, 1944. MICHAELS, STERN & COMPANY, INCORPORATED, Rochester, N. Y., a corporation of New York. Republished by registrant.



FOR MEN'S SUITS, VESTS, TROUSERS, TOPCOATS AND OVERCOATS.
Claims use since December 1937.

Reg. No. 410,292. Registered Nov. 21, 1944. INDUSTRIAL UNDERGARMENT CORP., New York and Poughkeepsie, N. Y. Republished by Stardust, Incorporated, New York, N. Y., a corporation of New York.

784

FOR LADIES' AND MISSES' SLIPS.
Claims use since March 1940.

Reg. No. 412,529. Registered Mar. 13, 1945. GREEN THUMB GARDENS, Arcanum, Ohio. Republished by Edmont Manufacturing Company, Coshocton, Ohio, a corporation of Ohio.



The thumb and the letters "Green Thumb" in the drawing are lined for the color green. No claim is made to the representation of a glove other than a glove with a green thumb.
FOR GARDEN GLOVES.
Claims use since May 3, 1943.

Reg. No. 412,543. Registered Mar. 13, 1945. MICHAELS, STERN & COMPANY, INCORPORATED, Rochester, N. Y., a corporation of New York. Republished by registrant.

Velvetian

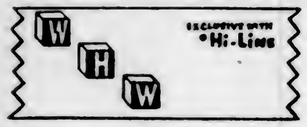
FOR MEN'S SUITS, TOPCOATS, AND OVERCOATS.
Claims use since June 28, 1944.

Reg. No. 413,942. Registered May 22, 1945. GILBERT ADRIAN, Beverly Hills, Calif. Republished by registrant.

Gadrian

FOR WOMEN'S DRESSES, SUITS, AND COATS.
Claims use since on or about December 1932.

Reg. No. 420,497. Registered Apr. 16, 1946. HI-LINE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



The words "Exclusive With" and "Line" are disclaimed apart from the mark as shown.
FOR INFANTS' AND CHILDREN'S APPAREL, TODDLERS', BOYS', MISSES', TEEN-AGE AND JUNIOR APPAREL, CONSISTING OF OVERALLS, COVERALLS, SUITS, BLOUSES, BLOUSE AND PANTS COMBINATIONS, SHIRTS, DRESSES, SLEEPING GARMENTS, PLAYSUITS AND SUNSUITS.
Claims use since Mar. 10, 1945.

Reg. No. 421,050. Registered May 14, 1946. DONALD L. CURLESS, doing business as The Dublife Collar Company, New York, N. Y. Republished by registrant.

DUBLIFE

FOR COLLARS AND CUFFS FOR DRESS SHIRTS.
Claims use since Jan. 29, 1945.

Reg. No. 422,792. Registered Aug. 13, 1946. NEW YORK KNITTING MILLS, New York, N. Y., a corporation of New York. Republished by registrant.

BAR-TAK

FOR MEN'S, WOMEN'S, BOYS' AND GIRLS' SWEATERS AND SWEATER SHIRTS.
Claims use since Sept. 12, 1945.

Reg. No. 424,891. Registered Oct. 29, 1946. HOLLYVOGUE TIES, Los Angeles, Calif., a corporation of California. Republished by registrant.

A California Original

HOLLYVOGUE

The words "A California Original" are disclaimed apart from the mark as shown.
FOR NECKTIES.
Claims use since January 1945.

Reg. No. 425,820. Registered Dec. 3, 1946. HI-LINE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR INFANTS', CHILDREN'S, BOYS', GIRLS', MISSES', AND WOMEN'S APPAREL—NAMELY, OVERALLS, COVERALLS, SUITS, BLOUSES, BLOUSE AND PANTS COMBINATIONS, DRESSES, SLEEPING GARMENTS, PLAYSUITS, AND SUNSUITS.
Claims use since Sept. 20, 1945.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 168,903. Registered May 29, 1923. GUILD PRODUCTS CORPORATION, Philadelphia, Pa. Republished by Stationers' Guild of America, Philadelphia, Pa., a corporation of Pennsylvania..

Guild

FOR CARD PINS, T-PINS AND BANK PINS.
Claims use since Feb. 17, 1922.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 55,965. Registered Aug. 21, 1906. THE AMERICAN MANUFACTURING COMPANY, New York, N. Y. Republished by American Manufacturing Company, New York, N. Y., a corporation of Massachusetts.

AMERICAN

FOR BAGGING.
Claims use since about Feb. 1, 1889.

Reg. No. 279,103. Registered Jan. 6, 1931. BOOTT MILLS, Lowell, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Drape-Best" are disclaimed apart from the mark as shown.
FOR SCRIM IN THE PIECE AND MADE UP INTO CURTAINS.
Claims use since July 31, 1930.

Reg. No. 336,276. Registered June 30, 1936. S. J. ARONSOHN, INC., New York, N. Y., a corporation of New Jersey. Republished by registrant.

KAFFIR

FOR FABRICS IN THE PIECE MADE OF RAYON AND SYNTHETIC YARN.
Claims use since Feb. 10, 1936.

Reg. No. 336,569. Registered July 7, 1936. S. J. ARONSOHN, INC., New York, N. Y., a corporation of New Jersey. Republished by registrant.

SWEEPSTAKES

FOR FABRICS IN THE PIECE MADE OF SILK.
Claims use since about June 1931.

Reg. No. 337,220. Registered Aug. 4, 1936. S. J. ARONSOHN, INC., New York, N. Y., a corporation of New Jersey. Republished by registrant.

TROPICANA

FOR RAYON AND SILK FABRICS IN THE PIECE.
Claims use since about Mar. 10, 1936.

Reg. No. 391,187. Registered Oct. 28, 1941. ATLAS POWDER COMPANY, Wilmington, Del., a corporation of Delaware. Republished by registrant.

BOOKTEX

FOR COATED FABRICS.
Claims use since Sept. 20, 1935.

Reg. No. 400,187. Registered Feb. 16, 1943. PHILIP SHLANSKY & BRO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

DONNYCUNA

FOR WOOLEN AND WORSTED FABRICS IN THE PIECE.
Claims use since July 7, 1941.

Reg. No. 407,213. Registered May 23, 1944. SLEEPMASTER PRODUCTS COMPANY, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.

SLEEPMASTER

FOR SHEETS, PILLOW CASES, BED SPREADS, BLANKETS, QUILTS, CURTAINS, COMFORTERS, MATTRESS PADS, MATTRESS COVERS AND QUILT COVERS, AND UPHOLSTERY FABRICS IN THE PIECE, AND PIECE GOODS OF COTTON, WOOL, LINEN, SILK AND RAYON, AND/OR MIXTURES THEREOF.
Claims use since November 1935.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 206,483. Registered Dec. 1, 1925. WIZARD LIGHTFOOT APPLIANCE COMPANY, St. Louis, Mo. Republished by Trimfoot Company, Farmington, Mo., a corporation of Missouri.

Trimfoot

FOR ARCH SUPPORTS, HEEL LEVELERS, HEEL RESTS, HEEL LINERS, BUNION SHIELDS, CORN PADS, CALLUS PADS, AND BUNION PADS.
Claims use since May 2, 1925.

Reg. No. 287,094. Registered Sept. 15, 1931. THE WILSON RUBBER COMPANY, Canton, Ohio, a corporation of Ohio. Republished by registrant.

WILTEX

FOR RUBBER GLOVES FOR THE USE OF PHYSICIANS, SURGEONS, DENTISTS, LABORATORY TECHNICIANS, HOSPITAL EMPLOYEES, AND THE LIKE.
Claims use since on or about May 5, 1931.

Reg. No. 338,691. Registered Sept. 15, 1936. THE WILSON RUBBER COMPANY, Canton, Ohio, a corporation of Ohio. Republished by registrant.

WILCO

FOR RUBBER GLOVES, FOR THE USE OF PHYSICIANS, SURGEONS, DENTISTS, LABORATORY TECHNICIANS, HOSPITAL EMPLOYEES AND THE LIKE.
Claims use since on or about Oct. 15, 1935.

Reg. No. 413,314. Registered Apr. 17, 1945. C. J. BATES & SON, Chester, Conn., a firm. Republished by registrant.

NAIL GLORY

The word "Nail" is disclaimed apart from the mark as shown.
FOR MANICURE IMPLEMENTS—NAMELY, NAIL BRUSHES, NAIL BUFFERS, NAIL FILES, NAIL CLIPPERS, CUTICLE KNIVES, SCISSORS, MANICURE STICKS, TWEEZERS, EMERY BOARDS, PUMICE BOARDS AND NAIL POLISHERS.
Claims use since Sept. 1, 1939.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 54,610. Registered June 26, 1906. JACOB RIES, Sbakopee, Minn. Republished by Jacob Ries Bottling Works, Inc., Sbakopee, Minn., a corporation of Minnesota.

ROCK JR SPRING

FOR CARBONATED TONIC BEVERAGES.
Claims use since about Nov. 1, 1896.

Reg. No. 131,504. Registered May 18, 1920. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

JAX

FOR NON-ALCOHOLIC, MALTLESS CEREAL BEVERAGES SOLD AS SOFT DRINKS CONTAINING LESS THAN ONE-HALF OF ONE PER CENT OF ALCOHOL BY VOLUME.
Claims use since on or about Nov. 1, 1919.

Reg. No. 131,785. Registered May 25, 1920. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

Jinja-Jac

FOR NON-ALCOHOLIC NON-CEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since on or about Nov. 1, 1919.

Reg. No. 184,797. Registered June 3, 1924. H. C. SCHRANCK COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

High Life

FOR NON-INTOXICATING, NON-ALCOHOLIC, NON-CEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS USED IN PREPARATION OF SAME.
Claims use since 1903.

Reg. No. 418,229. Registered Dec. 11, 1945. SEEMAN BROTHERS, INC., New York, N. Y., a corporation of New York. Repnblished by registrant.

WhiteRose

FOR FRUIT JUICES USED FOR BEVERAGE PURPOSES—NAMELY, GRAPE JUICE, CRANBERRY JUICE COCKTAIL PREPARED WITH STILL OR CARBONATED WATER, CRANBERRY JUICE WITH SUGAR ADDED, LEMON JUICE, APRICOT JUICE WITH WATER AND SUGAR ADDED, GRAPEFRUIT JUICE, ORANGE AND GRAPEFRUIT JUICE, LOGANBERRY JUICE, ORANGE JUICE, PRUNE JUICE WITH WATER ADDED, AND PINEAPPLE JUICE.
Claims use since January 1914.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 19,679. Registered June 9, 1891. THE NATIONAL STARCH MANUFACTURING COMPANY, Covington, Ky., and New York, N. Y. Republished by Corn Products Refining Company, New York, N. Y., a corporation of New Jersey.



FOR PREPARATION OF CORN FLOUR.
Claims use since 1858.

Reg. No. 58,135. Registered Dec. 4, 1906. S. S. PIERCE Co., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Cafe des Invalides

FOR BLEND OF COFFEE WITH OTHER INGREDIENTS.
Claims use since Dec. 1, 1900.

Reg. No. 66,385. Registered Nov. 26, 1907. CHARLES & CO., New York, N. Y. Republished by Charles & Co., Inc., New York, N. Y., a corporation of New York.

Bon Voyage

FOR BASKETED FRESH FRUITS.
Claims use since 1896.

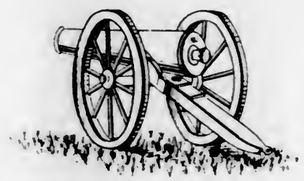
Reg. No. 66,792. Registered Dec. 31, 1907. CHARLES & Co., New York, N. Y. Republished by Charles & Co., Inc., New York, N. Y., a corporation of New York.

Bon Voyage

FOR CANDIES, GLACÉ FRUITS, CHOCOLATES, BONBONS, AND CANDY KISSES.
Claims use since 1896.

Reg. No. 67,706. Registered Feb. 18, 1908. HENRY P. CANNON, Bridgeville, Del. Republished by H. P. Cannon & Son, Inc., Bridgeville, Del., a corporation of Delaware.

CANNON BRAND



FOR CANNED VEGETABLES.
Claims use since about Jan. 1, 1881.

Reg. No. 71,371. Registered Nov. 24, 1908. C. W. ANTRIM & SONS, Richmond, Va. Republished by C. W. Antrim & Sons (1946), Richmond, Va., a firm.



FOR TEA.
Claims use since about June 2, 1908.

Reg. No. 82,979. Registered Aug. 8, 1911. HAWK FISH COMPANY, Seattle, Wash. Republished by P. E. Harris & Co., Seattle, Wash., a corporation of Washington.



FOR CANNED SALMON.
Claims use since Mar. 8, 1911.

Reg. No. 90,049. Registered Jan. 28, 1913. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.



FOR CANNED PEAS.
Claims use since May 19, 1910.

Reg. No. 93,903. Registered Oct. 21, 1913. PERFECTION BISCUIT COMPANY, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.



The words "Amsterdam Cookies" and "A Spicy Dutch Flavor" are disclaimed apart from the mark as shown.
FOR CAKES AND COOKIES.
Claims use since Aug. 17, 1912.

Reg. No. 97,633. Registered June 16, 1914. MINER-HILLARD MILLING COMPANY, Wilkes-Barre, Pa., a corporation of Pennsylvania. Republished by registrant.

1795

FOR WHEAT-FLOUR.
Claims use since Feb. 15, 1913.

Reg. No. 98,030. Registered June 30, 1914. YAKIMA COUNTY HORTICULTURAL UNION, North Yakima, Wash., a corporation of the State of Washington. Republished by registrant, present address Yakima, Wash.

RED RIBBON

FOR SECOND QUALITY OF FRESH DECIDUOUS FRUITS, APPLES, AND PEARS.
Claims use since 1908.

Reg. No. 107,022. Registered Nov. 9, 1915. STEELE-WEDELES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FESTIVE

FOR CANNED FRUITS, CANNED VEGETABLES, CANNED SALMON, CANNED CLAMS, VINEGAR AND CANNED BAKED BEANS.
Claims use since 1901.

Reg. No. 111,636. Registered July 25, 1916. P. E. HARRIS & CO., Seattle, Wash., a corporation of Washington. Republished by registrant.

MIDOCEAN



FOR CANNED SALMON.
Claims use since Dec. 10, 1915.

Reg. No. 114,175. Registered Dec. 5, 1916. M. O'CONNOR AND CO., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

HOOSIER POET



FOR CANNED FRUITS AND VEGETABLES.
Claims use since October 1914.

Reg. No. 123,388. Registered Oct. 29, 1918. ROUNDUP FISHERIES COMPANY, Spokane, Wash. Republished by Roundup Grocery Company, Spokane, Wash., a corporation of Washington.

ARION



FOR CANNED SALMON.
Claims use since Mar. 25, 1918.

Reg. No. 125,565. Registered May 27, 1919. DEEP SEA SALMON COMPANY, Seattle, Wash. Republished by P. E. Harris & Co., Seattle, Wash., a corporation of Washington.

Goodfellow

FOR CANNED SALMON.
Claims use since July 1, 1912.

Reg. No. 126,855. Registered Oct. 7, 1919. P. E. HARRIS & CO., Seattle, Wash., a corporation of Washington. Republished by registrant.

ANGLER

FOR CANNED SALMON.
Claims use since Mar. 7, 1918.

Reg. No. 132,059. Registered June 8, 1920. THE UBIKO MILLING COMPANY, St. Bernard, Ohio, a corporation of Ohio. Republished by registrant.

SUNBEAM

FOR DAIRY RATION.
Claims use since Nov. 15, 1919.

Reg. No. 152,550. Registered Feb. 28, 1922. WILLIAMSON CANDY CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

OH HENRY!

FOR CANDY.
Claims use since November 1920.

Reg. No. 154,655. Registered Apr. 18, 1922. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

Butter-Nut

FOR COFFEE AND TEA.
Claims use since May 1913.

Reg. No. 160,032. Registered Oct. 10, 1922. THE UBIKO MILLING COMPANY, St. Bernard, Ohio, a corporation of Ohio. Republished by registrant.

UNION GRAINS

No claim is made to the use of the word "Grains" apart from its use in combination with the balance of the mark.
FOR DAIRY RATION.
Claims use since Aug. 1, 1903.

Reg. No. 164,670. Registered Feb. 27, 1923. MALONE & HYDE, INC., Memphis, Tenn. Republished by V. S. Patterson, Fayette, Ala.

GOLDEN EAGLE

FOR TABLE MOLASSES AND SIRUP, GROUND SPICES AND CANDIES.
Claims use since Jan. 12, 1920.

Reg. No. 168,374. Registered May 22, 1923. OLYMPIA CANNING COMPANY, Olympia, Wash., a corporation of Washington. Republished by registrant.

HOUSEHOLD
BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR CANNED FRUITS.
Claims use since Apr. 28, 1917.

Reg. No. 168,615. Registered May 29,1923. OLYMPIA CANNING COMPANY, Olympia, Wash., a corporation of Washington. Republished by registrant.

WELLWORTH



FOR CANNED FRUITS.
Claims use since May 1918.

Reg. No. 168,640. Registered May 29, 1923. KING'S FOOD PRODUCTS COMPANY, Portland, Oreg. Republished by Paulus Bros. Packing Co., Salem, Oregon, a corporation of Oreg.

GRATER BLUE

FOR CANNED AND DEHYDRATED FRUITS AND CANNED AND DEHYDRATED VEGETABLES.
Claims use since Apr. 25, 1922.

Reg. No. 170,508. Registered July 17, 1923. WASHINGTON DEHYDRATED FOOD CO., Yakima, Wash., a corporation of Washington. Republished by registrant.

WASHINGTON



FOR DEHYDRATED APPLES.
Claims use since October 1918.

Reg. No. 171,139. Registered July 31, 1923. STEELE-WEDELES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

THE GOOD KIND



FOR CANNED AND SALTED FISH, CANNED VEGETABLES, DRIED VEGETABLES, CANNED FRUITS, DRIED FRUITS, PRESERVES, OLIVES, FOOD FLAVORING EXTRACTS, WHEAT FLOUR, BREAKFAST CEREALS, RICE, TAPIOCA, CORNSTARCH, MACARONI, SUGAR, TABLE SIRUPS, MOLASSES, CANNED SOUP, PEANUT BUTTER, COFFEE, TEA, SPICES, CHOCOLATE AND COCOA, CHEESE, CANNED MILK, OLIVE OIL, CANNED MEAT — NAMELY, CANNED BEEF, TONGUE, POTTED HAM, MINCEMEAT, VINEGAR, CATCHUP, SALAD DRESSING, PICKLES, PREPARED MUSTARD, CANDY, POP CORN, NUTS IN THEIR NATURAL STATE.
Claims use since Dec. 20, 1921.

Reg. No. 173,615. Registered Oct. 2, 1923. OREGON GROWERS COOPERATIVE ASSOCIATION, Salem, Oreg. Republished by Paulus Bros. Packing Co., Salem, Oreg., a corporation of Oregon.

Richland

FOR CANNED FRUITS AND VEGETABLES.
Claims use since May 5, 1922.

Reg. No. 173,771. Registered Oct. 2, 1923. MCGOVERN & MCGOVERN, Seattle, Wash. Republished by Monitor Fisheries, Inc., Seattle, Wash., a corporation of Washington.

Princess Pat

FOR CANNED SALMON.
Claims use since Jan. 23, 1923.

Reg. No. 173,818. Registered Oct. 2, 1923. PERFECTION BISCUIT COMPANY, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

ORCHID

FOR BISCUITS.
Claims use since Aug. 30, 1919.

Reg. No. 177,022. Registered Dec. 11, 1923. THE UBIKO MILLING COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant, present address St. Bernard, Ohio.

UBIKO

FOR STOCK AND POULTRY FOODS.
Claims use since July 28, 1908.

Reg. No. 184,702. Registered May 27, 1924. E. M. TODD Co., Richmond, Va. Republished by E. M. Todd Company, Inc., Richmond, Va., a corporation of Virginia.

TODD'S OLD VIRGINIA

FOR HAMS AND BACON.
Claims use since 1800.

Reg. No. 189,084. Registered Sept. 9, 1924. SOUTH LAKE APOPKA CITRUS GROWERS ASS'N., Oakland, Fla., a corporation of Florida. Republished by registrant.

SOUTH LAKE BRAND

The word "Brand" is disclaimed apart from the mark as shown.
FOR FRESH CITRUS FRUITS.
Claims use since Oct. 8, 1923.

Reg. No. 191,276. Registered Nov. 4, 1924. OLYMPIA CANNING COMPANY, Olympia, Wash., a corporation of Washington. Republished by registrant.

PENWALD

FOR CANNED BERRIES AND CANNED FRUITS.
Claims use since June 18, 1917.

Reg. No. 193,235. Registered Dec. 23, 1924. OLYMPIA CANNING COMPANY, Olympia, Wash., a corporation of Washington. Republished by registrant.

CLASS A

FOR CANNED FRUITS.
Claims use since April 1912.

Reg. No. 196,417. Registered Mar. 17, 1925. PESHASTIN FRUIT GROWERS ASSOCIATION, Peshastin, Wash., a corporation of Washington. Republished by registrant.

BLUE BIRD

FOR FRESH FRUITS—NAMELY, APPLES.
Claims use since Sept. 20, 1913.

Reg. No. 206,928. Registered July 14, 1925. CARDINET CANDY COMPANY, INC., Oakland, Calif., a corporation of California. Republished by registrant.

HIGH SIGN

FOR CANDY.
Claims use since Jan. 13, 1925.

Reg. No. 213,493. Registered June 1, 1926. ROUNDUP GROCERY COMPANY, Spokane, Wash., a corporation of Washington. Republished by registrant.

OCEAN MIST

FOR CANNED SALMON.
Claims use since Feb. 10, 1922.

Reg. No. 214,956. Registered July 6, 1926. HAAS-LIEBER GROCERY COMPANY, St. Louis, Mo. Republished by General Grocer Company, St. Louis, Mo., a corporation of Delaware.

American Lady

FOR CANNED GOODS, CANNED FRUITS, CANNED BERRIES, CANNED VEGETABLES, CANNED FISH, CANNED PORK AND BEANS, COFFEE, BREAKFAST CEREAL, CRUSHED FRUITS, HONEY, APPLE BUTTER, JELLY, FRUIT PRESERVES, MINCEMEAT, MACARONI, SPAGHETTI, NOODLES, OLIVES, PICKLES, CATCHUP, CHILI SAUCE, THOUSAND ISLAND DRESSING, MAYONNAISE, DRESSING A LA KING, PEANUT BUTTER, GROUND SPICES, CHILE CON CARNE, JAM, VEGETABLE RELISH, CANNED SOUP, COCOA, OLIVE OIL, MUSTARD, VINEGAR, TABLE SIRUP, CANNED SHELLFISH, CANNED HOMINY, CANNED TOMATO PURÉE, TOMATO SAUCE, PEPPER SAUCE.
Claims use since June 1, 1904.

Reg. No. 223,908. Registered Feb. 15, 1927. MANDARIN SAUCE CO., Los Angeles, Calif. Republished by Mandarin Food Products Incorporated, Los Angeles, Calif., a corporation of California.

MANDARIN

FOR TEA, RICE, NOODLES, CHOP SUEY, BEAN SPROUTS, BAMBOO SPROUTS, MUSHROOMS (CANNED).
Claims use since Jan. 15, 1924.

Reg. No. 223,939. Registered Feb. 15, 1927. OMAHA COLD STORAGE COMPANY, Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

CLEARVIEW

FOR BUTTER, EGGS, AND DRESSED POULTRY.
Claims use since Mar. 1, 1926.

Reg. No. 224,744. Registered Mar. 1, 1927. WILLIAMSON CANDY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Copy

FOR CANDY CONFECTION.
Claims use since Aug. 3, 1926.

Reg. No. 225,709. Registered Mar. 22, 1927. ROWLAND B. PAGE, doing business as Page Milk Company, Merrill, Wis. Republished by The Page Milk Co., Merrill, Wis., a corporation of Delaware.

KIT

FOR EVAPORATED MILK.
Claims use since May 1908.

Reg. No. 234,189. Registered Oct. 18, 1927. WILLIAM H. BEIMES, doing business as Every Day Coffee Company, St. Louis, Mo. Republished by David G. Evans Coffee Company, St. Louis, Mo., a corporation of Missouri.

"EVERY DAY"
Roasted Coffee
TRADE MARK

The words "Roasted Coffee" and "Trade-Mark" are disclaimed from the mark as shown.
FOR COFFEE.
Claims use since June 3, 1913.

Reg. No. 237,146. Registered Jan. 3, 1928. INDEPENDENT BAKING COMPANY, Davenport, Iowa. Republished by Independent Biscuits, Inc., Davenport, Iowa, a corporation of Iowa.

Soda Midgets

FOR CRACKERS AND BISCUITS.
Claims use since Nov. 1, 1901.

Reg. No. 237,334. Registered Jan. 10, 1928. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

JAX

FOR MALT SIRUP FOR FOOD PURPOSES.
Claims use since June 15, 1926.

Reg. No. 237,335. Registered Jan. 10, 1928. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

Jackson



FOR MALT SIRUP FOR FOOD PURPOSES.
Claims use since June 15, 1926.

Reg. No. 238,105. Registered Jan. 24, 1928. MCGOVERN AND MCGOVERN, Seattle, Wash. Republished by Monitor Fisheries, Inc., Seattle, Wash., a corporation of Washington.

SEA FLYER

FOR CANNED FISH, CANNED FRUITS AND VEGETABLES, CANNED BERRIES.
Claims use since May 21, 1927.

Reg. No. 239,799. Registered Mar. 13, 1928. FISHER FLOURING MILLS COMPANY, Seattle, Wash., a corporation of Washington. Republished by registrant.

SNEFONN

FOR WHEAT FLOUR.
Claims use since Oct. 1, 1926.

Reg. No. 240,114. Registered Mar. 20, 1928. MCGOVERN AND MCGOVERN, Seattle, Wash. Republished by Monitor Fisheries, Inc., Seattle, Wash., a corporation of Washington.

SEA BEAUTY

FOR CANNED SALMON, CANNED FRUITS, BERRIES, AND VEGETABLES.
Claims use since Feb. 28, 1927.

Reg. No. 240,269. Registered Mar. 20, 1928. SEEMAN BROTHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FISHERMAID

FOR CANNED FISH—NAMELY, SARDINES.
Claims use since 1910.

Reg. No. 241,159. Registered Apr. 17, 1928. BLISH MILLING COMPANY, Seymour, Ind., a corporation of Indiana. Republished by registrant.

CATRIONA

FOR WHEAT FLOUR.
Claims use since 1895.

Reg. No. 243,518. Registered June 26, 1928. ALBANY PACKING CO., INC., West Albany, N. Y. Republished by Tobin Packing Co., Inc., Rochester, N. Y., a corporation of Delaware.



FOR SAUSAGE; FRESH, CURED AND SMOKED PORK AND BEEF; LARD, EGGS, AND CHEESE.
Claims use since Dec. 27, 1924.

Reg. No. 243,926. Registered July 3, 1928. WURM BROTHERS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RAREBIT

FOR CANNED-FRUITS, PRESERVED FRUITS, DRIED FRUIT, CANNED VEGETABLES, CANNED FISH, CATSUP, CHILI SAUCE, CANDIED AND SALTED NUTS, NUTS IN THEIR NATURAL STATE.
Claims use since Aug. 15, 1927.

Reg. No. 244,877. Registered July 31, 1928. SEEMAN BROTHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

CLUB

FOR CANNED FISH—NAMELY, ANCHOVY PASTE, ANCHOVIES, CAVIAR, AND ANTIPASTO.
Claims use since December 1924.

Reg. No. 249,329. Registered Nov. 13, 1928. KLINK CITRUS ASSOCIATION, Klink, Calif., a corporation of California. Republished by registrant, present address Ivanhoe, Calif.

EXTRACTOR

FOR FRESH ORANGES, FRESH LEMONS, AND FRESH GRAPEFRUIT.
Claims ues since May 29, 1928.

Reg. No. 251,850. Registered Jan. 15, 1929. ALEXANDER-BALART COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



The symbol "A-1" forms a part of the registration sought only in association with the other features of the mark as shown.
FOR COFFEE.
Claims use since Sept. 1, 1927.

Reg. No. 252,308. Registered Jan. 29, 1929. OLYMPIA CANNING COMPANY, Olympia, Wash., a corporation of Washington. Republished by registrant.

CLASS A

FOR CANNED VEGETABLES.
Claims use since April 1912.

Reg. No. 252,693. Registered Feb. 12, 1929. THE DENVER ALFALFA MILLING & PRODUCTS CO., Lamar, Colo. Republished by National Alfalfa Dehydrating and Milling Company, Lamar, Colo., a corporation of Delaware.



FOR ALFALFA MEAL.
Claims use since Sept. 10, 1928.

Reg. No. 255,529. Registered Apr. 23, 1929. POINT ADAMS PACKING CO., Hammond, Oreg., a corporation of Oregon. Republished by registrant.

BLUE-BILL

FOR CANNED SALMON.
Claims use since January 1921.

Reg. No. 278,826. Registered Dec. 30, 1930. THE J. M. SMUCKER CO., Orrville, Ohio, a corporation of Ohio. Republished by registrant.

TABLE BELLE

FOR FRUIT PRESERVES.
Claims use since June 1, 1930.

Reg. No. 280,708. Registered Feb. 24, 1931. WASHINGTON DEHYDRATED FOOD CO., Yakima, Wash., a corporation of Washington. Republished by registrant.

YAKIMA CHIEF

FOR EVAPORATED APPLES.
Claims use since July 1926.

Reg. No. 281,998. Registered Apr. 7, 1931. H. Y. MINAMI, JR., doing business as H. Y. Minami & Sons, Guadalupe, Calif. Republished by H. Y. Minami and Sons, Guadalupe, Calif., a corporation of California.



FOR FRESH LETTUCE AND CAULIFLOWER.
Claims use since Apr. 4, 1930.

Reg. No. 284,912. Registered July 14, 1931. THE CINCINNATI WHOLESALE GROCERY COMPANY, Cincinnati, Ohio. Republished by White Villa Grocers, Inc., Cincinnati, Ohio, a corporation of Ohio.

WHITE VILLA

FOR MAYONNAISE, COVE OYSTERS IN TINS, OLIVES, RICE; CONDIMENTS—NAMELY, CATSUP; CANNED RED KIDNEY BEANS, CANNED FRUITS, CANNED VEGETABLES, CANNED BERRIES, RAISINS, DRIED CURRANTS, MINCE MEAT, SPICES, CANNED SLICED BEEF, CHEESE, ROLLED OATS, CANNED FISH, CANNED SHRIMP, COFFEE BUTTER, CANNED PRUNES, DRIED PRUNES, CANNED FIGS, DATES; JELLIES AND PRESERVES COMPRISING PRESERVED FRUIT—NAMELY, PEACH, APRICOT, RASPBERRY, PINEAPPLE, CHERRY ETC.; APPLE SAUCE, CRANBERRY SAUCE, TEA, CANNED PIMENTOS, AND SARDINES.
Claims use since April 1922.

Reg. No. 285,535. Registered July 28, 1931. THE CINCINNATI WHOLESALE GROCERY COMPANY, Cincinnati, Ohio. Republished by White Villa Grovers, Inc., Cincinnati, Ohio, a corporation of Ohio.

HONEY GROVE

FOR CANNED FRUITS, CANNED VEGETABLES, RICE, COFFEE, APPLE BUTTER, RED KIDNEY BEANS, CANNED FISH, FRUIT PRESERVES, JELLY CONDIMENTS—VIZ., CATSUP, SAUSAGE, TABLE SYRUP, NUT MARGARINE, BUTTER, PICKLES AND OLIVES.
Claims use since April 1922.

Reg. No. 285,842. Registered Aug. 11, 1931. STEELE-WEDELES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BONĀSA

FOR COFFEE.
Claims use since Apr. 10, 1931.

Reg. No. 292,577. Registered Mar. 15, 1932. NALLEY'S, INC., Tacoma, Wash., a corporation of Washington. Republished by registrant.



The words "Salad, Dressing, One Quart, Tacoma, U. S. A.," are disclaimed apart from the mark as shown.
FOR SALAD DRESSING.
Claims use since June 1, 1930.

Reg. No. 295,211. Registered June 21, 1932. NALLEY'S, INC., Tacoma, Wash., a corporation of Washington. Republished by registrant.



The word "Good" is disclaimed apart from the mark as shown.
FOR MAYONNAISE, THOUSAND ISLAND DRESSING, SALAD DRESSING, SANDWICH SPREAD, TOMATO KETCHUP, POTATO CHIPS, HONEY, FRENCH DRESSING, COCKTAIL SAUCE, HONEY NUT SPREAD, SANDWICH PICKLE, SWEET PEPPER CHOW, PREPARED MUSTARD, AND BREAKFAST SYRUP.
Claims use since Jan. 15, 1923.

Reg. No. 295,212. Registered June 21, 1932. NALLEY'S, INC., Tacoma, Wash., a corporation of Washington. Republished by registrant.



The words "It's Good" are disclaimed apart from the mark as shown. The representation of the label is also disclaimed.
FOR MAYONNAISE AND FRENCH DRESSING.
Claims use since Jan. 15, 1931.

Reg. No. 295,640. Registered July 5, 1932. HENRY & CLOSE COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Brand" and "Fresh Fillets" are disclaimed apart from the mark.
FOR FRESH FISH FILLETS.
Claims use since December 1931.

Reg. No. 295,993. Registered July 19, 1932. HENRY & CLOSE COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Brand" and "Fancy Frozen Fillet" are disclaimed apart from the mark.
FOR FROZEN FISH FILLETS.
Claims use since Feb. 25, 1932.

Reg. No. 297,201. Registered Sept. 6, 1932. HENRY & CLOSE COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Fancy Fillets" are disclaimed apart from the mark.
FOR FRESH FISH FILLETS.
Claims use since Apr. 22, 1932.

Reg. No. 302,741. Registered Apr. 25, 1933. CHAS. F. CATES & SONS, INC., Faison, N. C., a corporation of North Carolina. Republished by registrant.

SWATHMOOR FARM

FOR SWEET PICKLES, SOUR PICKLES, DILL PICKLES, SWEET AND SOUR RELISH, CANNED AND IN BULK.
Claims use since April 1929.

Reg. No. 303,711. Registered June 6, 1933. CHAS. F. CATES & SONS, INC., Faison, N. C., a corporation of North Carolina. Republished by registrant.



FOR PICKLES, FRUIT PRESERVES, SWEET AND SOUR RELISH, HONEY.
Claims use since January 1931.

Reg. No. 304,813. Registered July 18, 1933. CHAS. F. CATES & SONS, INC., Faison, N. C., a corporation of North Carolina. Republished by registrant.

LORD DUPLIN

FOR SWEET PICKLES, SOUR PICKLES, DILL PICKLES, HONEY, FRESH STRAWBERRIES, AND PEACHES PACKED IN SUGAR.
Claims use since Jan. 4, 1930.

Reg. No. 309,598. Registered Jan. 23, 1934. MCGOVERN & MCGOVERN, Seattle, Wash. Republished by Monitor Fisheries, Inc., Seattle, Wash., a corporation of Washington.

Columbia Rose

FOR CANNED FISH.
Claims use since June 19, 1933.

Reg. No. 310,714. Registered Mar. 6, 1934. JOS. EICHELBERGER & COMPANY, Eustis, Fla., a corporation of Florida. Republished by registrant.



The drawing is lined to indicate shading only.
FOR FRESH CITRUS FRUITS.
Claims use since Sept. 29, 1933.

Reg. No. 317,932. Registered Oct. 9, 1934. WILLIAMSON CANDY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Guess What?

FOR CANDY.
Claims use since Apr. 2, 1934.

Reg. No. 322,578. Registered Mar. 12, 1935. THE UBIKO MILLING COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant, present address St. Bernard, Ohio.



FOR MIXED FEED FOR LIVESTOCK AND POULTRY.
Claims use since Jan. 1, 1933.

Reg. No. 322,579. Registered Mar. 12, 1935. THE UBIKO MILLING COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant, present address St. Bernard, Ohio.

Life Guard

FOR MIXED FEED FOR LIVESTOCK AND POULTRY.
Claims use since Jan. 1, 1933.

Reg. No. 325,976. Registered July 9, 1935. HALES & HUNTER CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR HORSE FEED.
Claims use since Dec. 15, 1910.

Reg. No. 325,977. Registered July 9, 1935. HALES & HUNTER CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

EXCELSIOR

FOR HORSE FEED.
Claims use since June 1896.

Reg. No. 326,688. Registered July 30, 1935. HALES & HUNTER CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.



The word "Dog" is disclaimed apart from the mark.
FOR DOG FOOD.
Claims use since Feb. 13, 1932.

Reg. No. 327,397. Registered Aug. 27, 1935. HALES & HUNTER CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

HARVEST

FOR HORSE FEED.
Claims use since Nov. 15, 1910.

Reg. No. 327,423. Registered Aug. 27, 1935. EDWARD BURTON MCGOVERN, doing business as McGovern and McGovern, Seattle, Wash. Republished by registrant.

FAR NORTH

FOR CANNED FISH.
Claims use since Mar. 21, 1935.

Reg. No. 328,130. Registered Sept. 17, 1935. HALES & HUNTER CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CACKLE

FOR POULTRY FEED.
Claims use since Dec. 31, 1906.

Reg. No. 331,050. Registered Dec. 24, 1935. J. C. WATSON COMPANY, Parma, Idaho, a corporation of Idaho. Republished by registrant.

Soo

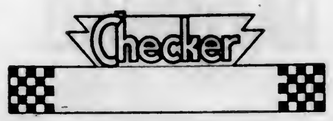
FOR FRESH DECIDUOUS FRUITS AND VEGETABLES.
Claims use since Mar. 27, 1923.

Reg. No. 332,237. Registered Feb. 4, 1936. PAXTON & GALLAGHER CO., Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

TETON

FOR CANNED FRUITS AND VEGETABLES.
Claims use since about December 1934.

Reg. No. 340,718. Registered Nov. 17, 1936. SEEMAN BROTHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR CERTAIN CANNED GOODS AS FOLLOWS—ASPARAGUS, BEANS, CHERRIES, CLAMS, CORN, FISH FLAKES, PEAS, PEACHES, PEARS, SALMON, SHRIMP, SUCCOTASH, TOMATOES.
Claims use since May 1, 1933.

Reg. No. 342,139. Registered Jan. 5, 1937. VENICE MAID CO., INC., Vineland, N. J., a corporation of New Jersey. Republished by registrant.

BON-RAY

FOR SPAGHETTI SAUCE, CANNED TOMATOES, CANNED STRING BEANS AND RAVIOLI.
Claims use since June 2, 1936.

Reg. No. 348,580. Registered Aug. 3, 1937. VENICE MAID CO., INC., Vineland, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for the colors red, green, yellow, blue and buff. The words "Redy-Maid" are disclaimed apart from the mark as shown.
FOR SPAGHETTI SAUCE.
Claims use since July 30, 1936.

Reg. No. 362,041. Registered Nov. 8, 1938. WILLIAMSON CANDY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Long Distance

FOR CANDY.
Claims use since June 15, 1938.

Reg. No. 365,728. Registered Mar. 14, 1939. POINT ADAMS PACKING CO., Hammond, Oreg., a corporation of Oregon. Republished by registrant.

PAPCO

FOR CANNED SALMON.
Claims use since Sept. 10, 1931.

Reg. No. 370,733. Registered Sept. 5, 1939. CHAS. F. CATES & SONS, INC., Faison, N. C., a corporation of North Carolina. Republished by registrant.



The outline of the label per se is disclaimed apart from the mark as shown.
FOR PICKLES AND SWEET PICKLE RELISHES.
Claims use since June 2, 1938.

Reg. No. 372,829. Registered Nov. 14, 1939. WILLIAMSON CANDY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RIGHT-O!

FOR CANDY.
Claims use since June 23, 1939.

Reg. No. 375,681. Registered Feb. 27, 1940. STEELE-WEDELES COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR COFFEE.
Claims use since May 22, 1930.

Reg. No. 381,633. Registered Oct. 1, 1940. MOJONNIER & SONS, INC., Walla Walla, Wash., a corporation of Washington. Republished by registrant.

BLUE MOUNTAIN

FOR FRESH VEGETABLES, FRESH DECIDUOUS FRUITS, AND FRESH RHUBARB.
Claims use since May 1921.

Reg. No. 386,023. Registered Mar. 25, 1941. HOLMES BROTHERS, doing business as Holmes Bros. Bear Creek Orchards, Medford, Oreg. Republished by Harry and David, Medford, Oreg., a corporation of Oregon.

Fruit-of-the-Month Club

The word "Fruit" is disclaimed apart from the mark as shown.

FOR FRESH FRUITS—NAMELY, PEARS AND GRAPES.

Claims use since 1936.

Reg. No. 393,825. Registered Mar. 3, 1942. SEEMAN BROTHERS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

"TENBLEND"

FOR VEGETABLE JUICES.

Claims use since Aug. 5, 1941.

Reg. No. 400,009. Registered Feb. 9, 1943. HOLMES BROTHERS, doing business as Bear Creek Orchards, Medford, Oreg. Republished by Harry and David, Medford, Oreg., a corporation of Oregon.

HARRY and DAVID

FOR FRESH FRUITS — NAMELY, NECTARINES, GRAPES, AND PEARS.

Claims use since Sept. 5, 1942.

Reg. No. 400,727. Registered Mar. 30, 1943. WESTERN OREGON PACKING CORPORATION, Corvallis, Oreg., a corporation of Oregon. Republished by registrant.

Pacific Clipper

FOR CANNED FRUITS, BERRIES, AND VEGETABLES.

Claims use since June 3, 1936.

Reg. No. 405,627. Registered Feb. 8, 1944. POLIS & HAGAN, Edinburg, Tex., a firm. Republished by registrant.

POL-A-GAN

FOR FRESH TOMATOES AND FRESH CITRUS FRUITS.

Claims use since Sept. 1, 1940.

Reg. No. 407,581. Registered June 13, 1944. POLIS & HAGAN, Edinburg, Tex., a firm. Republished by registrant.

PALOMINO



FOR FRESH TOMATOES AND FRESH CITRUS FRUIT.

Claims use since June 1, 1943.

Reg. No. 410,811. Registered Dec. 19, 1944. LOUIS MILANI FOODS, Chicago, Ill. Republished by Louis Milani Foods, Inc., Maywood, Calif., a corporation of Illinois.

1890

FOR FRENCH DRESSING.

Claims use since on or about Mar. 10, 1942.

Reg. No. 411,070. Registered Jan. 2, 1945. LOUIS MILANI FOODS, Chicago, Ill. Republished by Louis Milani Foods, Inc., Maywood, Calif., a corporation of Illinois.

FRENCH LADY

The word "French" is disclaimed apart from the mark as shown.

FOR FRENCH DRESSING.

Claims use since on or about May 18, 1942.

Reg. No. 416,348. Registered Sept. 4, 1945. BEN A. SARKISIAN, Fresno, Calif. Republished by registrant.

Val King

PACKED BY CALIFORNIA RAISIN COMPANY

The expression "Packed by California Raisin Company" and the representation of the goods are disclaimed apart from the mark as shown.

FOR RAISINS.

Claims use since July 1944.

Reg. No. 422,402. Registered July 23, 1946. THE OHIO CONFECTION COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

O. C.

FOR CHOCOLATE-COVERED ALMONDS, CHOCOLATE-COVERED RAISINS, AND CANDY.

Claims use since Mar. 15, 1944.

Reg. No. 424,921. Registered Oct. 29, 1946. R. F. WILLEY, doing business as Georgie Porgie Company, Council Bluffs, Iowa. Republished by registrant.

Georgie Porgie

FOR CEREAL BREAKFAST FOODS AND POPCORN IN ITS NATURAL STATE.

Claims use since Aug. 20, 1928.

CLASS 47

WINES

Reg. No. 50,335. Registered Mar. 13, 1906. THE PLEASANT VALLEY WINE COMPANY, Rheims, N. Y., a corporation of California. Republished by registrant.

Great Western

FOR WINE.

Claims use since 1901.

Reg. No. 241,055. Registered Apr. 17, 1928. J. R. PARKINGTON & CO., LTD., London, England, a corporation organized under the laws of Great Britain and Ireland. Republished by registrant.

CLUBLAND

The word "Club" is disclaimed apart from the mark as shown.

FOR PORT AND SHERRY WINES.

Claims use since Jan. 20, 1925.

Reg. No. 252,325. Registered Feb. 5, 1929. J. R. PARKINGTON & CO., LTD., London, England, a corporation organized under the laws of Great Britain and Ireland. Republished by registrant.

Sparkling Muscatel

Golden Guinea.

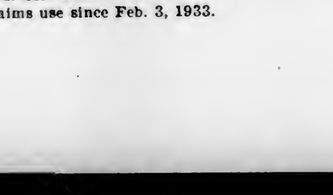
EXTRA QUALITY SPECIAL RESERVE

The words "Sparkling Muscatel," "Extra Quality," and "Special Reserve" are disclaimed apart from the mark as shown.

FOR MUSCATEL WINE.

Claims use since July 7, 1914.

Reg. No. 318,572. Registered Oct. 30, 1934. HERMAN A. KLUXEN, Madison, N. J. Republished by registrant.



FOR WINES.

Claims use since 1865.

Reg. No. 330,463. Registered Dec. 3, 1935. SHERRY'S LIQUOR STORES, San Francisco, Calif. Republished by J. C. Millett Co., San Francisco, Calif., a corporation of California.

Monte Vista

FOR WINES.

Claims use since Oct. 31, 1933.

Reg. No. 335,988. Registered June 23, 1936. J. R. PARKINGTON & CO., LTD., London, England, a limited liability company organized under the laws of Great Britain. Republished by registrant.



The words "Rare Old Sherry of Great Age" are disclaimed apart from the mark as shown.

FOR SHERRY.

Claims use since Feb. 3, 1933.

CLASS 48

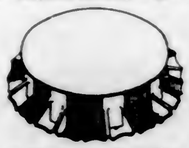
MALT BEVERAGES AND LIQUORS

Reg. No. 101,651. Registered Jan. 5, 1915. SEATTLE BREWING AND MALTING COMPANY, Seattle, Wash. Republished by Rainier Brewing Company, San Francisco, Calif., a corporation of California.



FOR BEER.
Claims use since Jan. 10, 1893.

Reg. No. 136,480. Registered Nov. 2, 1920. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.



The drawing is lined for the color red. No claim is made to the representation of the cap itself as a trademark, but only to the color arrangement shown.
FOR BOTTLED MALT BEVERAGES.
Claims use since on or about Dec. 3, 1919.

Reg. No. 226,990. Registered Apr. 26, 1927. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

JAX

FOR MALT SIRUP.
Claims use since June 15, 1926.

Reg. No. 321,042. Registered Jan. 15, 1935. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.



FOR MALT BEVERAGE WITH NOT MORE THAN THE LEGAL ALCOHOLIC CONTENT.
Claims use since Nov. 24, 1919.

Reg. No. 389,139. Registered July 29, 1941. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

JAX

FOR FRIENDLY STIMULATION

The word "Stimulation" is disclaimed apart from the mark as shown.
FOR BEER.
Claims use since Nov. 21, 1936.

Reg. No. 398,717. Registered Nov. 17, 1942. JACKSON BREWING COMPANY, New Orleans, La., a corporation of Louisiana. Republished by registrant.

TEX



FOR BEER.
Claims use since October 1941.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 311,046. Registered Mar. 13, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Patrician

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 311,047. Registered Mar. 13, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Snug Harbor

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 311,048. Registered Mar. 13, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Silver Shield

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 311,313. Registered Mar. 20, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Old Guild

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 311,991. Registered Apr. 10, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Cavalier

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 312,063. Registered Apr. 17, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Sweepstakes

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 312,078. Registered Apr. 17, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Conqueror

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 312,081. Registered Apr. 17, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Bonnie Lassie

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 312,082. Registered Apr. 17, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Captain Kidd

FOR WHISKEY.
Claims use since Nov. 17, 1933.

Reg. No. 317,529. Registered Sept. 25, 1934. MIDLAND DISTILLERIES, INC., St. Louis, Mo. Republished by Southern Comfort Corporation, St. Louis, Mo., a corporation of Missouri.

SOUTHERN COMFORT

FOR CORDIAL.
Claims use since Jan. 19, 1934.

Reg. No. 322,552. Registered Mar. 12, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

PILOT

FOR WHISKEY.
Claims use since May 3, 1934.

Reg. No. 326,444. Registered July 16, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

HARBOR

FOR WHISKEY.
Clamis use since Feb. 21, 1935.

Reg. No. 326,603. Registered July 30, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

EXCLUSIVE BRAND

The word "Brand" is disclaimed apart from the mark.
FOR WHISKEY.
Claims use since Aug. 8, 1934.

Reg. No. 327,188. Registered Aug. 20, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

CAVALCADE

FOR WHISKEY.
Claims use since May 3, 1934.

Reg. No. 327,237. Registered Aug. 20, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

PRIDE OF PENNSYLVANIA

FOR WHISKEY.
Claims use since Mar. 30, 1935.

Reg. No. 328,370. Registered Sept. 24, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

OLD KENTUCKY CABIN

FOR WHISKEY.
Claims use since May 22, 1935.

Reg. No. 328,598. Registered Oct. 1, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

DRAKE

FOR WHISKEY.
Claims use since May 3, 1934.

Reg. No. 328,757. Registered Oct. 1, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

CAPTAIN'S TABLE

FOR WHISKEY.
Claims use since June 13, 1935.

Reg. No. 328,834. Registered Oct. 8, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

WARREN HILL

FOR WHISKEY.
Claims use since May 16, 1935.

Reg. No. 329,032. Registered Oct. 15, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

PIERMONT

FOR WHISKEY.
Claims use since Sept. 7, 1934.

Reg. No. 329,994. Registered Nov. 19, 1935. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

LARCHWOOD

FOR WHISKEY.
Claims use since Aug. 8, 1934.

Reg. No. 334,231. Registered Apr. 21, 1936. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.



FOR WHISKEY.
Claims use since Oct. 11, 1933.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 316,637. Registered Aug. 28, 1934. CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del., a corporation of Delaware. Republished by registrant.

VULCOID

FOR WATER-RESISTANT VULCANIZED FIBER IN SHEET, TUBE, AND ROD FORM.
Claims use since June 10, 1932.

Reg. No. 365,713. Registered Mar. 14, 1939. BEHR-MANNING CORPORATION, Troy, N. Y. Republished by Columbian Rope Company, Auburn, N. Y., a corporation of New York.

LIFE GUARD

FOR FABRIC TREATED WITH NON-SLIPPING MATERIAL FOR USE IN PREVENTING SLIPPING OF RUGS.
Claims use since on or about Sept. 29, 1938.

REISSUES

OCTOBER 26, 1948

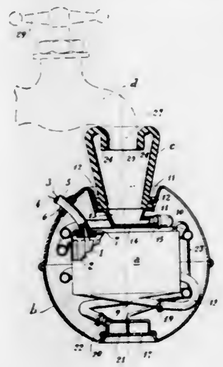
23,046
CORE FOR YARN OR THREAD PACKAGES AND METHOD OF MAKING THE SAME
Joseph E. A. Blanchet, Mystic, Conn., assignor to Sonoco Products Company, Hartsville, S. C., a corporation of South Carolina
Original No. 2,288,966, dated July 7, 1942, Serial No. 368,742, December 5, 1940. Application for reissue April 26, 1947, Serial No. 744,260
9 Claims. (Cl. 93—94)

7. A core for a yarn or thread package comprising a tubular portion the outer surface of which is adapted to receive and support the inner windings of a thread or yarn package and said core being made of a sufficiently flexible material to be turned in to provide a spindle-engaging sleeve portion within and adjacent one end of said tubular portion, said tubular and sleeve portions being concentric and adjacent outer ends thereof being connected by a web portion which is integral with both, the said spindle-engaging sleeve having an inner spindle-engaging surface and being of sufficient length, measured axially of the tube, adequately to support the core, and any thread package mounted thereon, upon the spindle, and to maintain driving engagement with the spindle during rotation thereof.



9. The method of forming a core for a yarn or thread package which comprises forming a tubular member of a sufficiently flexible material to be turned in, the outer surface of which is adapted to receive and support the inner windings of a thread or yarn package, inturning one end thereof to form a spindle-engaging sleeve portion of reduced diameter within and integral with the outer or thread package supporting portion, and thereafter imparting a spindle gripping frusto-conical surface to said inturned end by thrusting a frusto-conical die axially into the same from the inner end while supporting the outer wall surface of the outer portion of the tube.

23,047
ELECTRIC HEATER
Geraldo Cyro Wicks, New York, N. Y.
Original No. 2,400,618, dated May 21, 1946, Serial No. 527,042, March 18, 1944. Application for reissue November 20, 1947, Serial No. 788,331. In Argentina February 5, 1944
12 Claims. (Cl. 219—39)



1. Improvements in electric heaters, of the type comprising a general outer casing, enclosing an electrically insulated heating compartment wherein the inflowing water is placed in contact with the electric circuit, characterized by that the inlet nozzle, the apparatus and the entrance of the heating compartment are in communication one with another by means of a coil of dielectric material, while the outlet of said compartment and the discharge opening or real outlet of the apparatus also communicate one with another by means of another coil of dielectric material, both coils being housed within the said outer casing of the apparatus and surrounding the heating compartment.

PLANT PATENTS

GRANTED OCTOBER 26, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

809

ROSE PLANT

Roy L. Byrum, Richmond, Ind., assignor to Joseph H. Hill Company, Richmond, Ind., a corporation of Indiana

Application April 28, 1947, Serial No. 744,455

1 Claim. (Cl. 47—61)

A new and distinct variety of hybrid tea rose plant characterized as to novelty by its good growth habit, its good disease-resistant foliage, and the large size and color of its very double blooms, substantially as shown and described.

PATENTS

GRANTED OCTOBER 26, 1948

2,452,029

ADDITION PRODUCTS FROM ACRYLIC ESTERS

Herman A. Bruson, Rydal, and Warren D. Niederhauser, Philadelphia, Pa., assignors, by mesne assignments, to Rohm & Haas Company, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application June 21, 1945, Serial No. 600,851

20 Claims. (Cl. 260—405)

1. Monomeric addition products of (*a*) one molecular equivalent of an ester of acrylic acid and a monohydric alcohol and (*b*) one molecular equivalent of a compound selected from the class consisting of drying oil fatty acids having conjugate olefinic bonds and esters thereof.

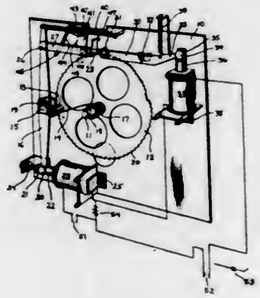
2,452,030

STEP-UP MECHANISM

Edward H. Hughes, Chicago, Ill., assignor to Exhibit Supply Company, Chicago, Ill., a corporation of Illinois

Application October 4, 1946, Serial No. 701,362

4 Claims. (Cl. 74—142)



1. A step-up mechanism in which there is a spring rotated ratchet wheel, a step-up lever, a latch lever and electro-magnetic means for operating said levers, a device for releasably latching said step-up lever and latch in an inoperative position with respect to the wheel, comprising a pivoted lever having a portion thereof adapted to engage beneath a portion of the latching lever and another portion adapted to be engaged by a portion of the step-up lever, means for supporting said lever for said pivotal movement, and spring means for pivoting said lever in a direction to dispose the first named portion thereof in latched position with respect to the latch lever, said latch lever having a portion adapted to engage a portion of said step-up lever to latch said step-up lever from engagement with the wheel when said first named portion of said member is disposed in latched position beneath the portion of said latch lever.

2,452,031

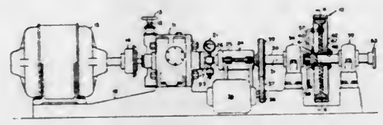
TORSIONAL OSCILLATION GENERATOR

Ralph B. Allnutt, Glen Echo Heights, Md., and Raymond T. McGoldrick, Brooklyn, N. Y.

Application August 8, 1946, Serial No. 689,131

3 Claims. (Cl. 73—1)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a torsional oscillation generator a driven shaft, a flywheel element, a weight element, one of said elements being fastened to the shaft, the other of said elements being mounted for oscillation relative to the first-mentioned one, means rotating the shaft at any selected speed, a hydraulic motor for oscillating the weight relative to the flywheel, a variable displacement pump having its output connected to said motor, and means operating the pump at any selected speed.

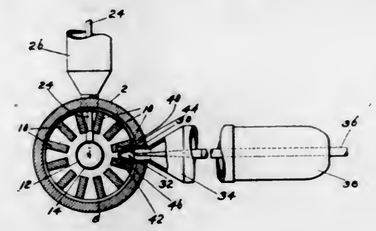
2,452,032

ELECTRON DISCHARGE DEVICE OF THE MAGNETRON TYPE

Homer G. Anderson, Waban, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

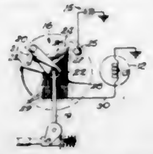
Application June 10, 1944, Serial No. 539,722

7 Claims. (Cl. 315—39)



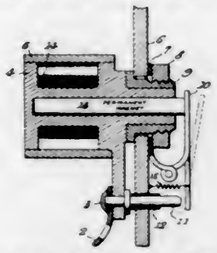
1. An electron discharge device comprising an envelope containing a cathode and an anode, said anode comprising a pair of electron-receiving portions adjacent said cathode, and a cavity resonator interconnecting said pair of electron-receiving portions, the opposed inner surfaces of said cavity resonator being each provided with a recess the longitudinal axis of which lies in a plane perpendicular to the longitudinal axis of said cavity resonator, and an output coupling loop located within said cavity resonator and between said recesses.

2,452,033
TRACTOR TRAILER BRAKE CONTROL
Frank G. Born, Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill., a corporation of Illinois
Application April 16, 1945, Serial No. 588,675
7 Claims. (Cl. 201—48)



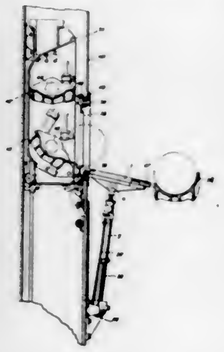
1. The combination of an elongated rod, a piston on one end of the rod, a cylinder slidably supporting said piston and adapted for connection with a fluid pressure supply line, a guide rigid with and spaced along said rod from said cylinder and guiding the other end of the rod for endwise reciprocation, a switch mechanism supported rigidly with respect to said rod guide and having a rotary actuating shaft extending transversely of and spaced from said rod, an arm fast on said shaft and pivotally connected at its free end to said rod intermediate said cylinder and said guide, a stop limiting the movement of said piston into said cylinder whereby to locate said arm end in a predetermined switch-open position while permitting endwise movement of the rod away from such position in response to an increase of fluid pressure in said cylinder, means yieldably urging the shaft and rod toward such position, said switch mechanism being adapted to close a circuit immediately on movement of said rod away from said position and decreasing the circuit resistance in the continued movement of the rod, and a coiled compression spring encircling said second rod end and having a lost motion connection at one end with said rod whereby to resist continued movement of the rod after the initial movement thereof away from said switch-open position.

2,452,034
ELECTRICAL DROP SIGNAL DEVICE
Walter H. Campbell, Arlington County, Va.
Application October 6, 1944, Serial No. 557,543
7 Claims. (Cl. 177—329)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A drop signal device comprising, a permanent magnet, a coil of wire encircling said magnet, an electrical circuit in which said coil is included, a pivoted armature attracted by and adapted to be held in a raised position by the magnet when said electrical circuit is open, said armature serving as a signal, a second electrical circuit, and a projection on said armature adapted to be included in said second electrical circuit when the armature is in a lowered position.

2,452,035
DOOR OPERATING MECHANISM FOR POWDER HOISTS
George A. Chadwick, Detroit, Mich., and Phillas H. Girouard, Washington, D. C.
Application March 10, 1944, Serial No. 525,964
4 Claims. (Cl. 89—46)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

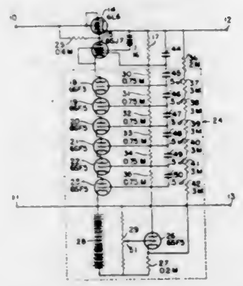


1. In a gun emplacement, an ammunition hoist including a trunk and a car, a gun loading tray, a door hinged at its bottom edge to the trunk and so constructed and arranged as to substantially bridge the space between the trunk and the loading tray when the door is open, fluid pressure mechanism arranged to operate the door, sealing means arranged to secure the door to the trunk, fluid pressure mechanism arranged to operate the sealing means, and a fluid pressure system including said mechanisms for sequently actuating said mechanisms both to release the sealing means prior to opening the door and to close the door prior to fastening the sealing means.

2,452,036
METHOD OF DETERMINING NICKEL CONTENT OF STEEL
Frederick B. Clardy, Portsmouth, Va.
No Drawing. Application September 16, 1946, Serial No. 697,167
5 Claims. (Cl. 23—230)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

5. In a process of the colorimetric determination of the nickel content of ferrous alloys, the steps consisting of applying a small quantity of a dilute solution of nitric acid, sodium phosphate, and sodium pyrophosphate to the cleaned surface of a piece of the alloy and absorbing the resultant solution with a dried absorbent material impregnated with an aqueous solution of an alkali metal acetate for buffering the solution of the alloy to a substantially neutral pH value, a salt selected from the class consisting of sodium acid phosphate and an alkali metal fluoride for forming colorless salts with the iron of the alloy, an alkali metal pyrophosphate for fixing and rendering permanent the color of the nickel precipitate and an alcoholic solution of dimethylglyoxime for precipitation of the nickel in the alloy, whereby a red colored precipitate of nickelic dimethylglyoxime is formed, the intensity of the color of which is proportional to to the amount of nickel present and is fixed and permanent in color.

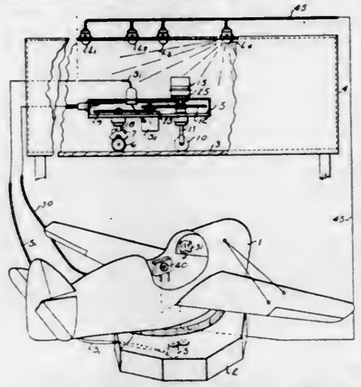
2,452,037
ELECTRONIC HIGH-VOLTAGE REGULATOR
George W. Cook, Washington, D. C.
Application May 19, 1947, Serial No. 749,070
3 Claims. (Cl. 323—22)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An electronic regulator for stabilizing the voltage supplied by a direct-current source through positive and negative lines to a load, comprising an electron tube having at least a cathode, anode and control electrode, said tube being serially connected in the positive line to act as a regulator, an amplifier tube having at least a cathode, anode and control electrode, means connecting the amplifier anode to the positive line, means applying to the control electrode of the series tube a bias of a magnitude which is a function of the amplifier anode current, means applying to the amplifier control electrode a bias which varies with changes in load voltage, a series of grid-controlled electron tubes connected between the amplifier cathode and the negative line for accommodating a high potential difference therebetween, and means fixing the incremental resistance of said series of tubes at a value substantially no greater than zero comprising a series of resistors coupling the control grids of said series of tubes with the control electrode of said amplifier tube, and a device maintaining constant current in said resistor series whereby a signal potential impressed on the control electrode of the amplifier tube will be simultaneously applied without attenuation to the control grids of said series of tubes.

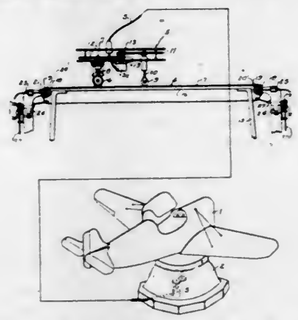
2,452,038
PHOTOELECTRIC RADIO COMPASS TRAINER CONTROL
Carl J. Crane, Dayton, Ohio
Application March 12, 1940, Serial No. 323,561
12 Claims. (Cl. 35—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In combination, an aviation ground trainer for simulating the flight of an aircraft, a reference surface, a course indicator movable relative to said reference surface at a velocity proportional to the simulated velocity in flight of said aircraft and directionally controlled by said trainer, a light source for radiating light over said reference surface symmetrically with respect to a point on said reference surface representing the location of a simulated radio station, a photoelectric device mounted on said course indicator and controlled by said indicator to receive light transmitted from said source in accordance with the heading of said course indicator relative to said simulated radio station point on said reference surface, an indicator in said trainer electrically connected to said photo-electric device for



indicating the heading of said course indicator relative to said simulated radio station point.

2,452,039
APPARATUS FOR SIMULATING WIND EFFECTS IN AVIATION GROUND TRAINERS
Carl J. Crane, Dayton, Ohio
Application March 12, 1940, Serial No. 323,562
7 Claims. (Cl. 35—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

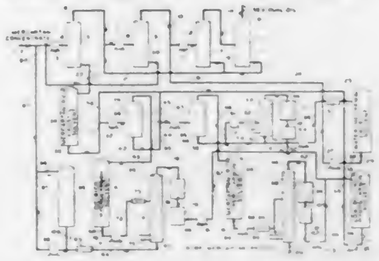


1. In combination, a record table, a course indicator for an aviation ground trainer movable relative to said record table to simulate the flight course of an aircraft, a movable surface for supporting said indicator on said record table, means for displacing said surface in either direction longitudinally with respect to said table and separate means for displacing said surface transversely in either direction with respect to said table, each of said means being severally or simultaneously operable.

2,452,040
SOLVENT EXTRACTION OF MERCAPTANS
Harry E. Drennan, Hot Springs, Ark., assignor to Phillips Petroleum Company, a corporation of of Delaware
Application October 22, 1945, Serial No. 623,798
9 Claims. (Cl. 260—609)

1. A process for the manufacture of high-boiling mercaptans which comprises effecting the catalytic addition of hydrogen sulfide to an olefin polymer fraction having not less than 10 and not

more than 14 carbon atoms per molecule under conditions producing a crude mercaptain oil containing at least 4 weight per cent mercaptan sulfur and comprising mercaptans having not less than 10 and not more than 14 carbon atoms per molecule and the corresponding unreacted olefin, subjecting said crude mercaptain oil to extraction with a sodium hydroxide-methanol-water solvent containing at least 20 weight per cent sodium hydroxide, at a temperature within the range of 40° F. to 120° F., in quantities such that the ratio of the weight of sodium hydroxide in the solvent charged to said extraction to the weight of sulfur in the crude mercaptain oil charged to said extraction is 2:1, said solvent having a water:methanol volume ratio between 0.8:1.0 and 1.5:1.0 and selected so that a single-stage equilibrium contacting of said solvent and said oil at the aforesaid conditions would effect the solution in said solvent of at least 65 per cent

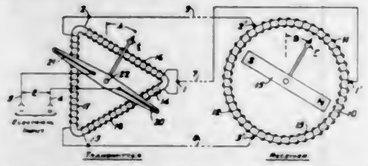


but not more than 70 per cent of the mercaptans from said oil, effecting said extraction in three stages with the oil and the solvent flowing countercurrently through said stages, thereby extracting at least 90 per cent of the mercaptans from said oil, discharging residual olefinic oil from said extraction, contacting the mercaptan-rich solvent from said extraction with about five volumes of liquid pentane per volume of residual olefin dissolved in said rich solvent in a single stage at a temperature not greater than 65° F. thereby desorbing into said pentane substantially all of the olefin from said rich solvent, contacting the thus-treated mercaptan-containing solvent with about twice its volume of pentane in a single stage at a temperature of at least 100° F. to desorb mercaptans from said rich solvent into said pentane, and evaporating said pentane from the resulting mercaptan-pentane solution to recover said mercaptans substantially free from residual olefins.

2,452,041
MAKING CALCIUM ALUMINATE SINTER
Kelly L. Elmore, near Sheffield, Ala., assignor to Tennessee Valley Authority, a corporation of the United States
No Drawing. Application August 17, 1944, Serial No. 549,944
4 Claims. (Cl. 23—52)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Process of making a calcium aluminate sinter from finely divided, highly siliceous aluminum ore and limestone whereby the alumina content of the ore is more readily rendered soluble in dilute sodium carbonate solution, which comprises (*a*) mixing intimately with the finely divided ore and limestone a material having a crystal structure and chemical composition of at least one of the principal end components of the sinter at equilibrium, said admixed material being incorporated in an amount sufficient to substantially increase the solubility of the alumina in the mixture after sintering, and (*b*) sintering the mixture so prepared.

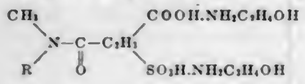
2,452,042
TRANSMITTER FOR SELF-SYNCHRONOUS SYSTEMS
John L. Everett and Arnold Raines, Philadelphia, Pa.
Application September 10, 1945, Serial No. 615,482
6 Claims. (Cl. 177—380)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a telemetric electric transmitter, a coil support comprising a length of tubing in the cross-sectional form of an equilateral triangle in a plane normal to the central axis thereof, to form three legs, a winding on each respective leg, the common terminals of adjacent ends of successive windings being adapted for connection to respective terminals of a remote repeater, a rotor pivoted on said central axis and having arms extending oppositely from said axis, a contact on each arm each contact being adapted to make continuous electrical contact along the length of each coil in succession as said rotor is turned about said axis, each contact being adapted for connection to a respective terminal of a source of direct current potential.

2,452,043
DERIVATIVES OF SULFOSUCCINAMIC ACID
Lawrence H. Flett, Scarsdale, N. Y., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York
No Drawing. Application December 11, 1945, Serial No. 634,398. In Canada May 11, 1943
5 Claims. (Cl. 260—501)

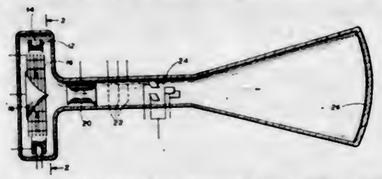
1. The di-monoethanolamine salts of N,N-disubstituted sulfosuccinamic acids having, as one N-substituent, an open-chain hydrocarbon radical of 10 to 18 carbon atoms, and, as the other N-substituent, the methyl radical, said salts corresponding with the formula



wherein R represents an open-chain hydrocarbon radical of 10 to 18 carbon atoms and being characterized by having high solubility in water and foaming and lathering power to a high degree.

2,452,044
HIGH EMISSION CATHODE
Benjamin Fox, New York, N. Y., assignor to the United States of America as represented by the Secretary of War
Application August 14, 1943, Serial No. 498,646
5 Claims. (Cl. 250—150)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A high emission cathode assembly, said assembly comprising a generally cylindrical cathode of large diameter, a target having an approximately conical surface disposed at the center of said cathode and concentric therewith, and means to polarize the target more positive than the cath-



ode, whereby electrons emitted from the cathode strike said surface and release electrons by secondary emission, the region of said target constituting a virtual cathode region capable of supplying a relatively large electron current.

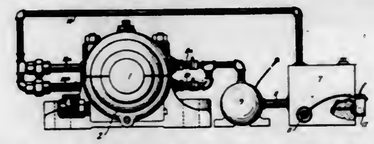
2,452,045
X-RAY APPARATUS AND METHOD FOR CRYSTAL ANALYSIS
Herbert Friedman, Arlington, Va.
Application August 8, 1945, Serial No. 609,694
6 Claims. (Cl. 250—53)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. The method of developing an X-ray diffraction pattern of a substance comprising, irradiating the concave surface of a specimen thereof which is a section of a cylinder to produce a beam of radiation, rotating said specimen through substantially 90° about an axis forming an element of said cylindrical irradiated surface to develop a diffraction pattern thereof, synchronously moving with said specimen a detector to detect the focused diffracted beam corresponding to the angle of incidence of the radiation on an arc having as its center the axis of rotation of the specimen, and repeating the above steps with an arcuate mount having a different curvature to maintain the locus of the focal point of the diffracted beam on an arc substantially concentric with the arc traversed by the detector.

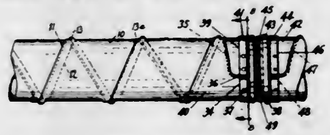
2,452,046
BEARING TEMPERATURE CONTROL SYSTEM
Ralph P. Garrison and John R. Garrison, Dayton, Ohio, assignors to Garrison Machine Works, Inc., Dayton, Ohio, a corporation of Ohio
Application December 15, 1941, Serial No. 423,066
6 Claims. (Cl. 308—77)

1. A split shaft bearing comprising two separable bearing sections, a shaft revoluble therein, and means for compensating for fluctuations of operation generated heat and minimizing resulting expansion and contraction, including separate chambers formed in the respective bearing sections in susbtantially concentric relation with the shaft to receive heating medium, a supply reservoir for heating medium common to the chambers of the respective bearing sections, a supply conduit connecting the supply reservoir with the said bearing section chambers, a return conduit connecting the respective bearing section chambers with the supply reservoir, a pump for circulating heating medium through a circuitous



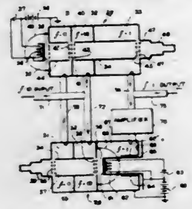
path including the conduits, chambers and reservoir, a heater to the influence of which the circulating heating medium is subjected, and a thermostatic regulator for the heater subjected to the influence of the circulating heating medium.

2,452,047
CONSTRUCTION OF FLEXIBLE HOSE
Clyde M. Hamblin, Washington, D. C.
Application May 1, 1943, Serial No. 485,324
22 Claims. (Cl. 138—49)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



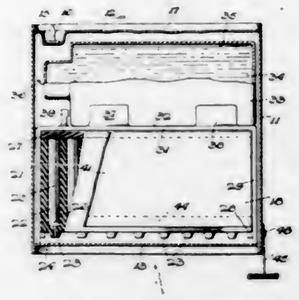
5. In a hose of the kind described, a hose formed of a strip of fabric wound helically to form a tube, a helically preformed wire of preformed contracted pitch, mounted in the body of the hose, and adapted to cause the fabric of the hose to assume folds of the iris diaphragm type when the hose is longitudinally collapsed.

2,452,048
FREQUENCY CONVERSION APPARATUS
William W. Hansen and Russell H. Varian, Garden City, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application July 12, 1943, Serial No. 494,284
25 Claims. (Cl. 250—36)



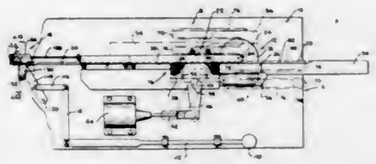
20. Electronic apparatus comprising means for producing an electron stream, electrode means positioned along the path of said stream and defining three gaps traversed successively by said stream, means defining a field-free drift space between the second and third of said gaps, means producing a first oscillating electric field of a first frequency at the first of said gaps, means producing a second oscillating electric field of a different frequency at said second gap, and output circuit means coupled to said third-gap-defining means and adapted to extract high frequency energy from said beam of a frequency different from both said first and second frequencies.

2,452,049
COMBINED PACKAGE AND FILLING DEVICE FOR BATTERIES OR HOLLOW BODIES
Vernon D. Hauck, Towson, Md., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application February 16, 1945, Serial No. 578,159
10 Claims. (Cl. 226—19)



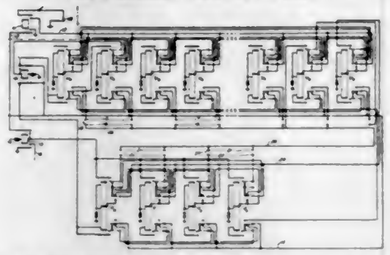
1. In a combined package and filling device for hollow bodies; a substantially evacuated hollow chamber; a closed, breakable liquid-containing vessel in the upper portion of said chamber; a hollow body in the lower portion of said chamber adapted to be filled with said liquid, said body having a plurality of downwardly directed filling openings; said chamber having a wall adjacent said vessel which is sufficiently flexible to enable said vessel to be broken by an external blow against said wall, whereby said liquid will discharge and find a level in the lower portion of said chamber; and normally sealed means for subsequently admitting atmospheric air to said chamber above the liquid level therein, whereby atmospheric pressure will force said liquid upwardly into said hollow body through said filling openings.

2,452,050
COMBINED MACHINE FOR FEEDING, BENDING, AND FLATTENING TUBING
James R. Hayward, Washington, and John A. Schild and William O. Hartup, Columbus, Ind., assignors, by mesne assignments, to McCord Corporation, Detroit, Mich., a corporation of Maine
Application June 28, 1946, Serial No. 680,124
13 Claims. (Cl. 153—2)



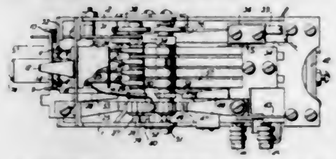
1. In a machine for bending and flattening tubing to form a serpentine coil, tube bending means constructed and arranged to bend a length of tubing to form spaced runs therein, tube flattening means constructed and arranged to flatten such runs of said tubing, said means being constructed and arranged relative to each other so that said tube bending means will position a run of said tubing in position to be flattened by said tube flattening means.

2,452,051
RELAY SYSTEM
Ralph E. Hersey, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 15, 1945, Serial No. 582,893
12 Claims. (Cl. 177—353)



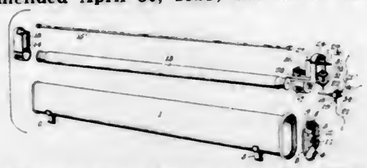
1. In combination, a chain of counting relays, control contacts common to said relays, operating circuits, one for each of said relays, each of said operating circuits being closed in succession by successive closures of said control contacts, each of said operating circuits comprising said control contacts, a front contact of the next preceding one of said relays and a back contact of the second preceding one of said relays, each operating circuit being initially opened by the next opening of said control contacts following closure of the operating circuit means independent of said control contacts for holding each of said relays operated after the opening of its operating circuit by said control contacts until the next succeeding relay is operated, and means including said control contacts for holding each of said relays operated after the operation of the next succeeding relay until the operating circuit of the next succeeding relay is opened.

2,452,052
SELECTIVELY RESPONSIVE DEVICE
Frank H. Hibbard, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 30, 1946, Serial No. 719,274
13 Claims. (Cl. 177—353)



1. A selectively responsive device adapted to respond to all codes of a plural-digit code system and adapted to enable operation of a signal circuit in responding to only one of said codes, said device comprising two shafts, each shaft having cams thereon, mechanism for rotating each shaft, one shaft rotatably responsive to each pulse of each digit of said code, the other shaft rotatably responsive to only the first pulse of each digit of said code, means for testing simultaneously the positions of at least one cam of each shaft after rotational response thereby to each digit, the positions of said cams on said shafts being predetermined and preset in accordance with the code desired to effect enabling of said signal circuit, said means operative, when said tested cams are successively in the proper preset positions upon each such test for each digit of said code, to enable operation of said signal circuit.

2,452,053
FLOATING MINE
Max L. Ilfeld, United States Army
Application July 14, 1944, Serial No. 544,967
5 Claims. (Cl. 102—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. In an explosive device, means to actuate the firing pin, comprising a clip for each end of the explosive charge, upwardly extending projections on said clips, a movable element on one of said projections, said movable element connected to the firing pin, a spring to actuate said movable element, a frangible element positioned to hold said movable element in operative position so that when the frangible element is broken the movable element will be forced to move the spring thereby causing the firing pin to move and the explosive charge to detonate.

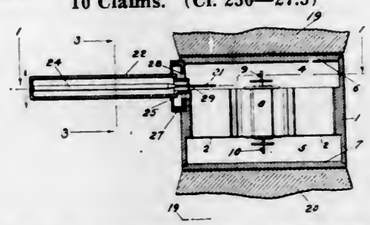
2,452,054
FIRE-RETARDANT COMPOSITION AND PROCESS
Grinnell Jones, Cambridge, Walter Juda, Belmont, and Samuel Soll, Boston, Mass., assignors, by mesne assignments, to Albi Manufacturing Co., Incorporated, a corporation of Connecticut
No Drawing. Application June 20, 1944, Serial No. 541,297
20 Claims. (Cl. 260—17.3)

1. A potentially reactive fire-retardant composition comprising urea, a source of formaldehyde, a carbohydrate and a foam-forming ingredient selected from the group consisting of monoammonium phosphate, diammonium phosphate, phosphoric acid, ammonium sulfate, sulfamic acid, ammonium sulfamate, ammonium bromide, sodium tungstate, sodium borate and boric acid, the formaldehyde available from said source being present in a ratio between 1 and 2.5 moles per mole of urea, the urea and formaldehyde available from said source being present in amount between 20% and 70% of the weight of the foam-forming ingredient, the carbohydrate being present in amount not less than 5% of the foam-forming ingredient and the combined weight of the carbohydrate, the urea and the formaldehyde available from said source not exceeding the weight of the foam-forming ingredient.

2,452,055
AMYLACEOUS FIRE-RETARDANT COMPOSITION
Grinnell Jones and Walter Juda, Cambridge, and Samuel Soll, Boston, Mass., assignors, by mesne assignments, to Albi Manufacturing Co., Incorporated, a corporation of Connecticut
No Drawing. Application August 19, 1942, Serial No. 455,346
3 Claims. (Cl. 106—15)

1. A fire-retardant composition adapted for surface application to combustible materials, which composition is non-reactive with said material at ordinary temperatures and comprises an aqueous suspending medium having dispersed therein, as the principal ingredients, an activator selected from the group consisting of ammonium phosphate, ammonium borate, ammonium sulfate, and ammonium sulfamate, and also an amylaceous substance in amount at least 20% but not more than 70% of the weight of said activator, said amylaceous substance being intimately mixed with but not reacted with said activator, the sum of the weights of said activator and said amylaceous substance exceeding 25% of the total weight of the liquid composition.

2,452,056
ELECTRICAL DISCHARGE DEVICE
Erich Nevin Kather, South Lincoln, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application July 20, 1944, Serial No. 545,768
10 Claims. (Cl. 250—27.5)



1. A magnetron comprising: an evacuated envelope, electrode elements within said envelope providing a resonant circuit, a coaxial line having one end thereof opening into said envelope and the other end thereof hermetically sealed, a coupling loop coupling said coaxial line to said resonant circuit, and means carried by said envelope and adjustably supporting said coaxial line to enable the movement of said coupling loop relative to said resonant circuit to vary the inductive coupling therebetween.

2,452,057
FLEXIBLE LEAKPROOF COUPLING
James W. Kehoe, Wauwatosa, Wis.
Application May 21, 1946, Serial No. 671,336
7 Claims. (Cl. 285—90)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An integral coupling member having cylindrical end portions, a cylindrical center portion having an outside diameter greater than the diameter of said end portions, a longitudinal bore centrally disposed in said coupling member and passing through said end and center portions, a chamber annularly disposed within and co-extensive in length with the length of said center portion, and an annular passage in said center portion connecting said chamber and said longitudinal bore, said coupling member being fabricated of a flexible material.

2,452,058
TENSION PATCH
Paul H. Kemmer, Fairfield, and Edgar R. Weaver, Dayton, Ohio
Application January 17, 1946, Serial No. 641,857
5 Claims. (Cl. 73—88)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A tension patch for load testing of aircraft comprising, a relatively soft sheet member

adapted to be cemented throughout one side to a portion of the outer surface of an aircraft structure under test, a relatively hard base plate having the same size and outline as said sheet member and firmly secured thereto in contiguous face-to-face relation, load attaching means including a load distributing member extending across said base plate and having opposite end portions secured thereto, a tension cable attaching means connected to said load distributing



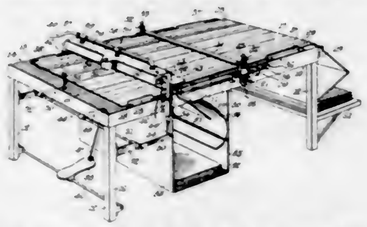
member at a point between its opposite end portions, means along the length of said load distributing member, between said end portions, providing for adjustment of said cable attaching means with respect to said opposite end portions of said load distributing member in order to connect said tension cable attaching means at a selected point along said load distributing member such that the line of the tension force exerted by the tension cable will intersect the centroid of the cemented area of said sheet member.

2,452,059

RECORD POSTING APPARATUS

Charles W. Kinzer, Greenbelt, Md.

Application September 6, 1944, Serial No. 552,853
6 Claims. (Cl. 216—28)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



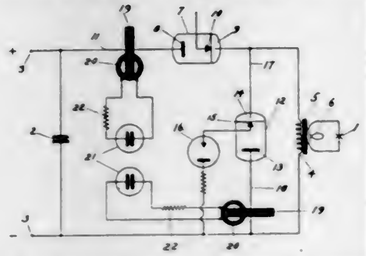
6. A posting apparatus of the class described comprising a supporting table provided with forward and rear vertically spaced top members having longitudinal guides mounted thereon adjacent to their lateral edges and adapted to support respectively a register sheet provided with a thermo-adhesive coating and a record card, said forward top member being provided with a transverse slot, an adjustable pressure roller and an advance roller rotatably mounted on said table respectively above and below said forward top member and adjacent and parallel to said slot, means in connection with said advance roller adapted to rotate the same so as to advance said coated sheet a variable, selected distance beyond the forward edge of the rear top member, a posting mechanism comprising a presser element including a spring elevated housing having a perforated bottom surface, means connecting the interior of said housing with a vacuum creating apparatus provided with an automatically operated release valve, a heating coil located within said housing adapted to render said thermo-adhesive coating effective, a shearing blade connected with said housing adapted to sever the projecting portion of said register sheet, and means adapted to lower said housing against the action of said spring to thereby sever said projecting portion of the register sheet and to lower and release same in contact with said record card and adhesively connect it.

2,452,060

IGNITION INDICATING DEVICE FOR WELDING SYSTEMS

Hans Klemperer, Belmont, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application January 24, 1944, Serial No. 519,584
6 Claims. (Cl. 177—311)



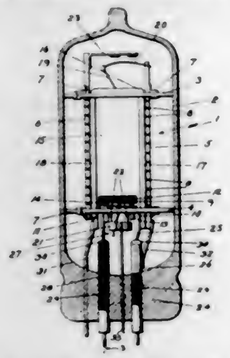
1. In an electric welding system, a resistance welding load device, comprising an inductance, a circuit for supplying welding current impulses to said load device, a controlled ignition discharge tube in said circuit, means for igniting said tube to supply said impulses to said load device, a circuit in shunt with said inductance and including a rectified discharge tube polarized to conduct current upon reversal of the voltage across said inductance upon each of said impulses passing its peak value, means responsive to the passage of a current impulse through said controlled ignition tube and separate therefrom for producing a signal, and means responsive to the passage of a current impulse through said rectifier tube and separate therefrom for producing a signal.

2,452,061

THERMIONIC TUBE STRUCTURE

Norman B. Krim, Newton Highlands, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application January 19, 1946, Serial No. 642,404
6 Claims. (Cl. 250—27.5)



1. Means for reducing the total grid-element-to-plate-element capacitance of a thermionic

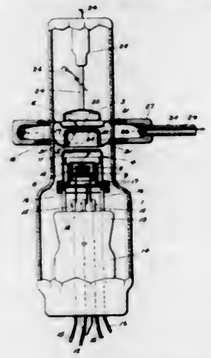
tube in a sealed envelope comprising two metallic shields, one of said shields surrounding a portion of the lead-in wire of one of said elements, the other of said shields surrounding a portion of the lead-in wire of the other of said elements, each of said portions being the part of the respective lead-in wire which passes through the seal into said envelope.

2,452,062

ELECTRICAL DISCHARGE TUBE

James D. Le Van, Belmont, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application July 29, 1943, Serial No. 496,563
7 Claims. (Cl. 250—27.5)



1. An electrical space discharge tube comprising a plurality of electrodes, a first of said electrodes being supported with respect to an adjacent electrode to provide a linear electron path between said electrodes, said first electrode being supported between rigid supporting elements by supporting means of substantial length, said first electrode having a portion extending from said supporting means along the direction of said electron path, the length of said portion being substantially greater than the shortest distance between said portion and said supporting elements, said portion having a substantial thermal coefficient of expansion whereby variations in the temperature of said electrode will tend to produce substantial variations in the length of said electron path, said supporting means likewise having a substantial thermal coefficient of expansion and forming an angle with the direction of said electron path, said angle being of a substantial value substantially different from ninety degrees.

2,452,063

DETONATOR DISK

Harry Liber, Morristown, and Donald R. Beeman, Wharton, N. J.

Application February 19, 1947, Serial No. 729,641
1 Claim. (Cl. 102—86.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



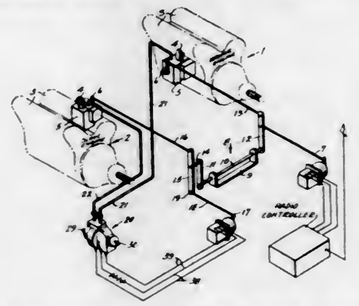
A detonator comprising a cylindrical member containing an explosive charge and a cup-shaped disc retaining member, said charge being retained in said cylindrical member by said cup-shaped disc positioned in one end of said cylindrical member, said disc having tapered walls the major and minor diameters of which are respectively larger and slightly smaller than the inside diameter of said cylindrical member, said walls directed inwardly of said end and towards the longitudinal axis of said charge when fitted to said cylindrical member and creating a force fit with the inner wall of said cylindrical member which in combination with the pressure exerted by said charge increases the structural strength of said cylindrical member radially at said end.

2,452,064

MULTIPLE MOTOR SPEED SYNCHRONIZING BALANCING DEVICE

Robert L. Mayrath, Dodge City, Kans.

Application July 26, 1944, Serial No. 546,727
7 Claims. (Cl. 60—97)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An engine synchronizing device for adjusting and synchronizing the speeds of a pair of internal combustion engines, said synchronizing device comprising a pair of engine speed adjusting levers disposed for swinging movement about a common center, means for mounting one of said levers for swinging movements independently of the other lever, interconnecting means between the levers for shifting said levers together about said common center, operating connections from the ends of said levers remote from the common center and adapted to be connected to the throttle valves of the internal combustion engines to simultaneously shift the same when said levers are simultaneously shifted by said interconnecting means, and means for shifting one of said levers independently of the other lever comprising a differential pressure actuating device connected to said independently shiftable lever, having differential pressure supply means therefor adapted to be connected to the intake manifolds of the two combustion engines for supplying the differential pressures from the engine intake manifolds in accordance with the relative difference in speeds of the engine.

2,452,065

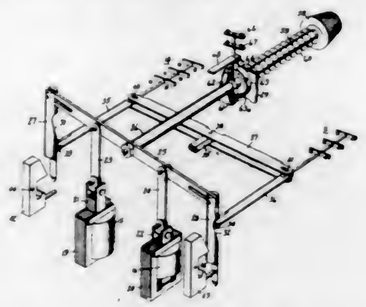
ELECTRIC SWITCH

Don E. Moran and Samuel F. Jarvis, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application December 30, 1943, Serial No. 516,260
4 Claims. (Cl. 200—87)

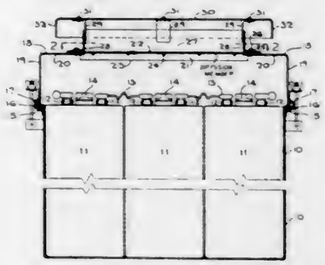
1. An electric switch comprising a movable switch member, an operating member movable to

operate said switch member, said operating member being provided with an abutment, electromagnetic actuating means for said operating member including an armature connected to said operating member and a stationary magnet frame for said armature, an operating coil on said magnet frame, a pivoted member extending in the direction of movement of said operating member, a laterally extending projection on said pivoted member positioned to be engaged by said abutment when said operating member approaches



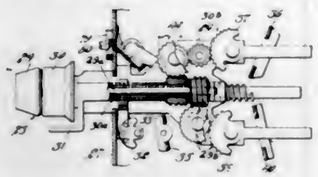
the limit of its movement when said coil is energized to move said armature to its attracted position whereby said pivoted member is moved on its pivot, braking means operated by said pivotal movement of said pivoted member for engaging said operating member thereby to apply a frictional braking force to said operating member whereby said operating member is brought to rest by said projection in a predetermined position with said armature in spaced relation with said magnet frame.

2,452,066
GAS DIFFUSION DEVICE FOR STORAGE BATTERIES
Harold Purves Murphy, Ridley Park, Pa., assignor to The Electric Storage Battery Company, a corporation of New Jersey
Application March 24, 1945, Serial No. 584,637
6 Claims. (Cl. 136—179)



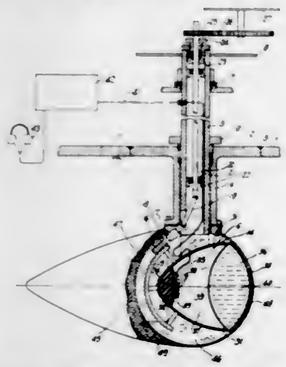
5. A device for preventing the accumulation of explosive mixtures of hydrogen and oxygen over a storage battery having a plurality of cells comprising a porous diffusion member of extended area, said member offering appreciably less resistance to flow of hydrogen than to flow of oxygen, and means to support said member over the battery cells and to prevent the escape of gases from the cells into the surrounding atmosphere except through said member.

2,452,067
APPARATUS FOR RADIO TUNING, VOLUME CONTROL, WAVE BAND SELECTION, AND OTHER PURPOSES
Freeman H. Owens, New York, N. Y.
Application July 11, 1945, Serial No. 604,364
24 Claims. (Cl. 74—10)



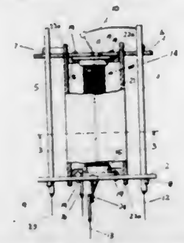
1. Apparatus for effecting tuning and volume control adjustments of a radio receiver comprising a plurality of movable station selecting members, a rocker in the path of movement of one portion of said members for effecting tuning adjustments, a rocker in the path of movement of another portion of said members for effecting volume control adjustments, cams adjustably mounted on the respective portions mentioned of said members for effecting variable adjustments of said tuning and volume controlling rockers, separate, hand operable elements on one of said members for independently setting the tuning adjusting and the volume control adjusting cams on said member, and means on another of said members for securing the cams thereon in positions to which they may be set by engagement with the rockers, said means being releasable to free said cams for setting by said rockers and adjustable to secure the cams in the positions to which they have been set.

2,452,068
SOUND PICKUP DEVICE
Robert E. Peterson, Danvers, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Application January 23, 1943, Serial No. 473,415
7 Claims. (Cl. 177—386)



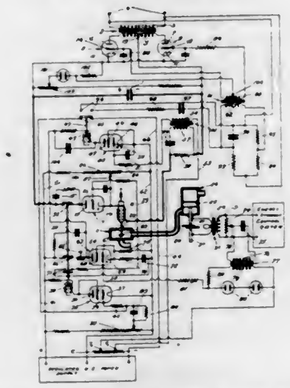
1. A sound pickup device comprising a casing having a sound lens at one side thereof, a substantially rigid member positioned in another part of the casing extending over the focal surface of the lens and a plurality of pickup elements mounted on said rigid surface adapted to receive sound waves arriving substantially in the same phase at said focal surface, said pickup elements comprising a plurality of Rochelle salt crystals mounted with one compressional surface on said rigid element and a sound propagating medium within said casing to which the other compressional surfaces of said crystals are exposed.

2,452,069
GRID STRUCTURE
William Bradford Reed, Westwood, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application December 29, 1945, Serial No. 637,888
5 Claims. (Cl. 250—27.5)



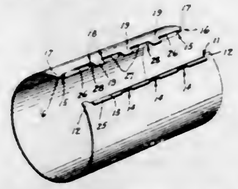
1. A grid element for a thermionic tube comprising a first group of individual wires progressing helically in one direction about the periphery of a cylinder, a second group of individual wires progressing helically in the oposite direction about said periphery, the two groups of wires being in interwoven relationship with each other at the points where they cross each other, and a solid metallic band rigidly fastened to each end of said element to prevent unraveling of the wires thereof.

2,452,070
RESISTANCE WELDING FORGING PRESSURE CONTROL
Lloyd Daniel Runkle, Gloucester, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application January 25, 1945, Serial No. 574,542
11 Claims. (Cl. 219—4)



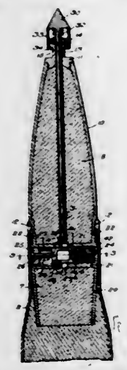
5. A system for controlling the application of forging pressure to the work in resistance spot welding, comprising a pressure control device, a solenoid for actuating said device, means responsive to the flow of a welding impulse to the work and effective after a predetermined time delay for controlling the supply of a high voltage current impulse to said solenoid, means for supplying a low voltage holding current to said solenoid immediately following said high voltage current impulse, and means effective after a controlled period of time for disconnecting said solenoid from said means for supplying a low voltage holding current and thereby return said pressure control device to its normal position.

2,452,071
CAN BODY
Basil F. Saubestre, Elmhurst, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application November 19, 1945, Serial No. 629,643
4 Claims. (Cl. 220—76)



1. A reenforced can body capable of resisting high internal pressures and having inner and outer marginal hook edges bent in opposite directions along predetermined lines of fold interlocked in a side seam and secured together in a solder bond in the side seam, a plurality of open vent notches extending inwardly from the outer edge of the inner hook at spaced intervals therealong, and a straight non-folded portion of the can body on the outside of said body adjacent each of said notches extending into and substantially filling said notches to provide vented passageways through said seam for the capillary action of solder applied to the outside of the seam to insure a fully bonded seam free of islands and other unsoldered portions.

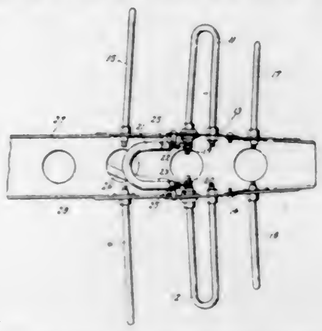
2,452,072
EXPLOSIVE BULLET
Sherman A. Schatz, Charleston, W. Va.
Application March 17, 1944, Serial No. 526,957
7 Claims. (Cl. 102—56)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



4. An explosive projectile adapted for insertion in a cartridge case comprising, in combination, a jacket provided with a central passage at its nose end and open at its tail end, an explosive charge in the forward end of the jacket and a tracer charge in the tail end, a partition separating said charges, a detonator slide in the par-

tition and having a detonator therein, a firing pin extending through said nose passage to a point close to the detonator slide, an impact head carried by the forward end of the firing pin, spring means normally holding the firing pin away from the detonator, spring means in the partition normally urging the slide to a position to bring the said detonator into line with the firing pin, an arming pin arranged to be interposed between the detonator slide and a cartridge case to hold the detonator in the slide out of alignment with the firing pin before firing and thereafter engaging the barrel of the gun to hold the slide in such position until the projectile clears the gun barrel, means carried partly by the slide and partly by the partition whereby communication is established between the explosive charge in the projectile and the tracer charge, so that the explosive charge is ignited by the tracer charge should the target be missed, to destroy the projectile.

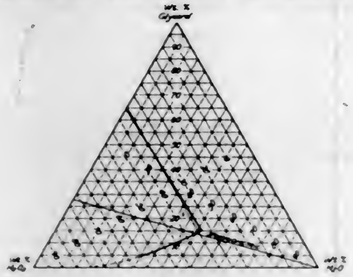
2,452,073
FOLDED DIPOLE
George William Schivley, Buchtel, and Paul W. Springer, Dayton, Ohio
Application November 17, 1944, Serial No. 563,980
1 Claim. (Cl. 250—33.65)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



The combination in a two-section folded dipole directional radio antenna provided with wave reflector and director elements for transmission and reception of pulsed radio waves, of adjustable means for adapting said antenna for use on variable width mountings, said means comprising a pair of demountable assembly plates having mounted thereon mating sections of said antenna, reflector and director elements, and a length of coaxial multiple conductor cable looped and electrically connecting said plates and antenna sections so as to allow variable interspaced juxtaposed mounting of said plates while maintaining constant phase characteristics of said antenna.

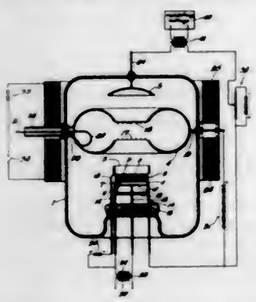
2,452,074
PEROXIDE-GLYCEROL EXPLOSIVE
Edward S. Shanley, Grand Island, and Hans O. Kauffmann, Eggertsville, N. Y., assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y.
Application January 29, 1947, Serial No. 725,042
2 Claims. (Cl. 52—1)

1. An explosive, insensitive to mechanical impact but explodable with a blasting cap, which comprises glycerin, water and hydrogen peroxide, the water constituting not more than 52% of the mixture, the glycerine and hydrogen peroxide being present in approximately the stoichiometric



amounts required for complete combustion of the glycerine to carbon dioxide and water.

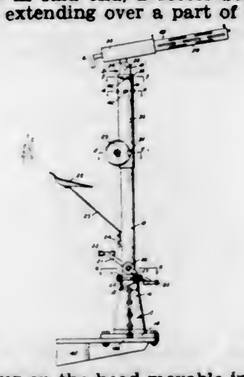
2,452,075
VELOCITY MODULATION ELECTRON DISCHARGE TUBE
Charles G. Smith, Medford, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application December 18, 1941, Serial No. 423,493
15 Claims. (Cl. 250—27.5)



2. An electron velocity modulation discharge device comprising a plurality of electrodes including a cathode having an active surface which liberates secondary electrons readily, an electron velocity modulating electrode structure comprising a pair of electrode elements through which an electron path from said cathode passes, the electrons emitted from said cathode forming an electron stream along said path, said electrode elements being connected to each other by a cavity resonator having a sufficiently high resonant frequency to impart bunching to the electron stream in said path, and electrode means for directing electrons onto said cathode with sufficient energy and in sufficient numbers to liberate secondary electrons which form part of said electron stream.

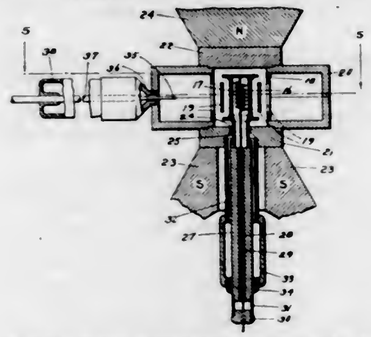
2,452,076
GUN MOUNT
Myron C. Spencer, Ocean Grove, N. J.
Application February 7, 1944, Serial No. 521,376
2 Claims. (Cl. 89—37)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a mount of the character described, a base, a primary person carrying mount element mounted for rotation on a vertical axis, and a final mount portion consisting of a cylindrical upwardly presented open end member rotatable with the primary mount element, and a head part rested on said end and having a shank portion set revolubly in said end, a recess being formed in said end extending over a part of its circumfer-



ence, a lug on the head movable in said recess to limit relative rotation of said head on the mount, and a rocking support for an instrument on the head.

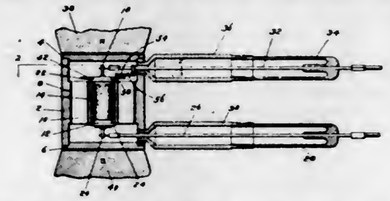
2,452,077
ELECTRIC DISCHARGE DEVICE
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application January 19, 1944, Serial No. 519,077
4 Claims. (Cl. 250—27.5)



1. A magnetron comprising: a cathode; an anode surrounding said cathode; and means adjacent said cathode and said anode for establishing a magnetic field in a direction transverse to the path therebetween; said anode having a plurality of perimetrically closed slots formed therein and spaced from each other around said anode by a distance substantially equal to the length of a half-wave at the frequency desired of the output of said magnetron; each of said slots being of a length substantially equal to a half-wave length in a direction parallel to that of said magnetic field.

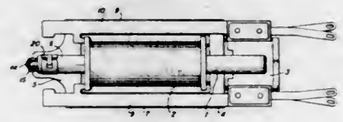
2,452,078
THERMALLY TUNABLE ELECTRON DISCHARGE DEVICE
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application May 24, 1944, Serial No. 537,119
3 Claims. (Cl. 315—39)

1. An electron discharge device comprising: an envelope containing a cathode; an anode structure including a plurality of electron-receiving portions adjacent said cathode, and a plurality of cavities between said portions; said anode structure providing inductance and capacitance; and frequency stabilizing means including a tuning member, and a thermostatic, bimetallic strip fixed at one end to said device; said bimetallic strip including two laminae having different coefficients of expansion; said strip at its



other end supporting said tuning member, with the lamina of said strip having the greater coefficient of expansion adjacent said electron-receiving portions; said strip being operatively connected to said tuning member for adjusting the position of said tuning member relatively to said electron-receiving portions, and being responsive to variations in temperature to vary said capacitance, and, thereby the frequency of the oscillations generated by said device.

2,452,079
RELAY
Leland J. Stacy, Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 22, 1944, Serial No. 541,636
1 Claim. (Cl. 175—336)

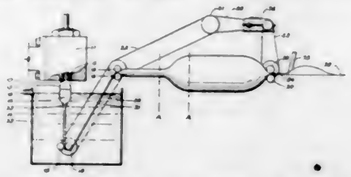


In combination in an electromagnetic relay, a fixed core and an armature movable toward said core, a coil around said core for producing magnetic flux to attract said armature toward said core when said coil is energized, and a separable spacer inserted between said core and armature to limit the residual magnetism in said core and armature to control the release characteristics of said armature when said coil is deenergized, said spacer comprising a band of thin magnetic material wrapped around the pole-piece end of said core and having a tongue portion on one end thereof extended through a slot in the other end thereof and then bent back on itself to firmly clamp said spacer around the core.

2,452,080
METHOD OF CONTINUOUSLY EXTRUDING VINYLIDENE CHLORIDE POLYMER TUBES AND STRETCHING THE SAME
Wilbur T. Stephenson, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
Application January 13, 1947, Serial No. 721,738
3 Claims. (Cl. 18—47.5)

1. The method which includes continuously extruding a tube of fused normally crystalline vinylidene chloride polymer at a temperature between 120° and 190° C.; withdrawing the tube downwardly from the die orifice through a cool-

ing bath, the surface of which is less than about 6 inches below the orifice and the temperature of which is maintained at a constant value between 0° and about 40° C. to supercool the tube, at a speed greater than the speed of the polymer through the die orifice, while maintaining a predetermined head of a lubricating liquid within the tube to regulate the diameter and wall thickness of the super-cooled tube and to lubricate its inner surface; flattening the tube and advancing it through the nips of a first and a second pair of pinch rolls, which pairs are stationed a distance from one another at least 5 times the diameter of the supercooled tube; introducing and maintaining a gas in the section of tube between said pairs of rolls in amount more than sufficient to fill the tube to its supercooled diameter and



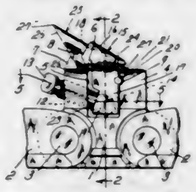
sufficient to establish a positive internal pressure and to distend the tube a portion of the distance from the second said rolls back toward the first said rolls, to from 3 to 5 times the diameter of the supercooled tube, but insufficient to distend the tube to such enlarged diameter the entire distance between said pairs of rolls, thereby cold-stretching the tube in a zone intermediate between and removed from the two sets of rolls, the amount of gas employed being so limited that introduction of an additional quantity thereof results in lengthening of the enlarged bubble and displacement of the cold-stretching zone toward the first pair of rolls, without material increase in the diameter of the enlarged bubble; and driving the second pair of pinch rolls at a peripheral speed of from 2 to 4 times that of the first pair of pinch rolls.

2,452,081

CUTTER CHAIN

Francis E. Sullinger, Claremont, N. H., assignor to Joy Manufacturing Company, a corporation of Pennsylvania

Application July 10, 1944, Serial No. 544,208
4 Claims. (Cl. 262—33)



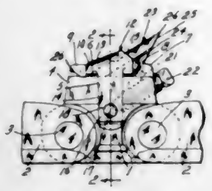
1. In a cutter chain, a chain block having a lateral lug provided with vertical grooves at its opposite sides, a bit holder having an outer head and an inner shank, said head being recessed for the reception of a cutter bit, and said shank having parallel side portions receivable in said grooves, a pivot connection between said shank and said block lug for permitting pivotal movement of said holder relative to said block, and means on said block for engaging the side portions of said holder shank for swinging said holder in said grooves into bit clamping position relative to said block.

2,452,082

CUTTER CHAIN

Charles F. Osgood, Claremont, N. H., assignor to Joy Manufacturing Company, a corporation of Pennsylvania

Application July 13, 1944, Serial No. 544,725
9 Claims. (Cl. 262—33)



1. In a cutter chain, a chain block having a lateral lug, said lug having vertical grooves at its opposite sides and a plane upper surface disposed at right angles to said grooves, a holder straddling said lug and having a socket adapted to receive a cutter bit and parallel side portions received in said grooves, said plane upper lug surface providing a seat for the inner end of the bit, said lug being transversely slotted between said side grooves near the lower ends of the latter, a cross pin secured to said side portions and passing through the slot, and means on said block and engaging said cross pin for sliding said side portions inwardly in said grooves to clamp the bit against said plane upper surface.

2,452,083

METHOD OF REINFORCING ORGANIC-POLYSULFIDE RUBBERY MATERIAL WITH CARBON BLACK

Theodore A. Te Grotenhuis, Olmsted Falls, Ohio

No Drawing. Application January 8, 1943, Serial No. 471,745
6 Claims. (Cl. 260—37)

1. A method of preparing a substantially unmasticated reinforced rubbery material of the organic-polysulfide type, which comprises combining carbon black with a reactive liquid organic compound having connected to each of two carbon atoms connected by intervening structure a substituent group capable of being split off by a reaction with an aqueous solution of a water-soluble polysulfide to produce a rubbery reaction product, subjecting the carbon black to a deflocculation treatment in the presence of said reactive organic liquid to form an intimate mixture, and reacting the reactive organic material of the carbon black-containing mixture thus formed with an aqueous solution of a soluble polysulfide to obtain a rubbery reaction product having carbon black dispersed therein.

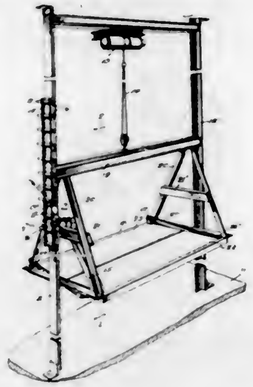
2,452,084

DROP-TESTING DEVICE

John R. Tomlin, Arlington, Va.; Ralph E. Remington administrator of said John R. Tomlin, deceased

Application June 1, 1945, Serial No. 597,054
14 Claims. (Cl. 73—12)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

6. In a drop testing machine of the type comprising an elevator platform, uprights, and means for raising and lowering said platform between said uprights: a retractable obstruction associated with one of said uprights, a pair of swinging decks forming the floor of said platform, an arm rigidly secured to and extending upwardly from one of said decks, a vertically slidable latch



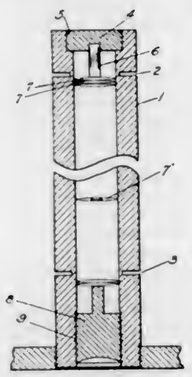
engaging said arm, and a pivoted lever engaging said latch and extending outwardly to a point permitting contact with said obstruction.

2,452,085

MEANS FOR THE INTERCHANGE OF ELECTRICAL AND ACOUSTICAL ENERGY

Edwin E. Turner, Jr., West Roxbury, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware

Application August 6, 1942, Serial No. 453,909
6 Claims. (Cl. 177—386)



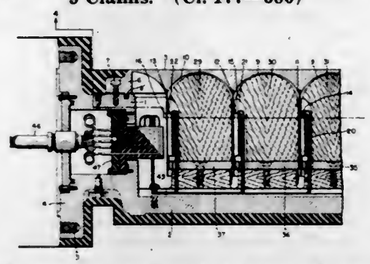
1. Means for the interchange of electrical and acoustical energy comprising a hollow cylindrical element the outer surface of which serves to radiate and receive compressional wave energy, a stack of laminations positioned in said cylindrical element with the plane of each said lamination being substantially at right angles to the axis of the cylinder, said laminations being of a magnetostrictive material and initially having a dished form and means provided at one end of said cylinder for compressing said laminations therein to make a good acoustic coupling between the edges of the laminations and the inner walls of the cylinder.

2,452,086

SOUND PRODUCER AND RECEIVER

Edwin E. Turner, Jr., West Roxbury, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware

Application March 10, 1945, Serial No. 582,110
5 Claims. (Cl. 177—386)



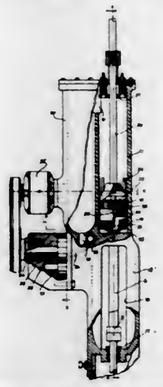
1. Means for producing a beam of compressional waves comprising a radiating member having a substantially plane surface on one side and the other side formed with concentric annular areas having radial sections in the form of cycloidal arches, and vibratory means comprising concentric cylindrical members firmly attached at the vertices formed by the cycloidal arches, an energizing coil positioned between the ends of the cylindrical members, said cylindrical members comprising magnetostrictive elements forming with the radiating member tuned vibratory systems with vibrational nodes in said cylindrical member away from the base of the cycloidal arches in the vicinity of said energizing coils.

2,452,087

PUMP JACK

Roy W. Wagner, Fairbury, Nebr.

Application June 5, 1945, Serial No. 597,636
2 Claims. (Cl. 60—52)



2. In a pump jack, the combination, which comprises, a motor cylinder fixedly mounted on a well casing, a double-end yoke associated with said motor cylinder, a pump rod extending into the well casing from the lower end of the yoke, and a piston rod extending into the motor cylinder from the upper end of the yoke; a piston on the said piston rod positioned in said motor cylinder, a valve having a stem longitudinally positioned and slidable in said piston, contact fingers extending from the end of said valve stem positioned at opposite sides of said piston rod, said piston having a valve seat associated with said

valve, said valve extending beyond the end of the piston and positioned for contact with the end of the motor cylinder wherein contact of the valve with the inner surface of the end of the cylinder closes the valve, said piston having a passage extending therethrough associated with the valve and adapted to be closed thereby, said fingers of the valve stem positioned to actuate the said valve to open position upon engagement thereof with an obstruction at the opposite end of the cylinder, means resiliently holding said valve in the open position, a complementary bypass cylinder positioned parallel to said motor cylinder, and means connecting said bypass cylinder to said motor cylinder for freedom of travel of said piston.

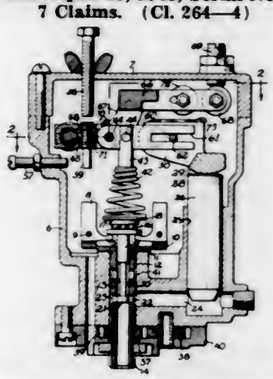
2,452,088

GOVERNOR CONTROL FOR PRIME MOVERS

Willard J. Whitehead, Rockford, Ill., assignor to Woodward Governor Company, Rockford, Ill., a corporation of Illinois

Application April 19, 1943, Serial No. 483,591

7 Claims. (Cl. 264—4)



1. A governor having in combination, rotary flyballs, means resiliently opposing said flyballs, an element manually movable to adjust the stress on said flyballs by said means whereby to vary the speed setting of the governor, a speed-regulating member variably positioned in accordance with speed changes detected by said governor, a lever pivotally supported by said element and actuated by said member to adjust said stress with changes in the position of the member, and a second lever pivotally supported by said element and normally disconnected from said member but movable with the latter within a portion of the range of movement of the member, said second lever operating with a greater motion-transmitting ratio than said first lever to adjust said stress.

2,452,089

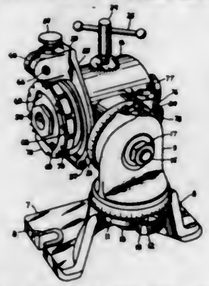
UNIVERSAL WORK HEAD

Christy A. Wiken and Eric A. Reibig, Milwaukee, Wis., assignors, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application June 15, 1944, Serial No. 540,509

8 Claims. (Cl. 90—57)

1. Indexing means for a work locating device wherein a work holder is journalled for rotation in a headstock, comprising an index disc attached to the work holder; an index pin attached to the headstock and movable radially with respect to the axis of rotation of said work holder towards said index disc, a series of spaced peripheral notches in said disc and engageable by said index pin to hold said disc and work holder against rotation; a selector plate adjustably attached to said index disc for rotation therewith but operable to be shifted with respect to said index disc about the axis of said work holder, said selector plate being of substantially the same diameter as said index disc and also having spaced



peripheral notches arranged so they uncover different combinations of notches in the index disc when the plate is shifted from one to another position with respect to the disc whereby said selector plate blocks the engagement of said index pin with the notches in said index disc except those uncovered by said selector plate.

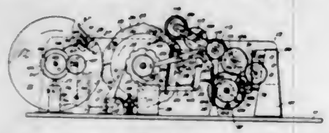
2,452,090

CODING APPARATUS

Louvan E. Wood, Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application December 29, 1944, Serial No. 570,402

12 Claims. (Cl. 177—351)



1. In a signaling apparatus, a rotatable code wheel; power means, including ratchet means, for advancing said code wheel step-by-step; ratchet means for preventing retrograde rotation of said code wheel, the latter having a plurality of sets of code-defining projections around its periphery; a structure mounted for rotation adjacent said code wheel and carrying switch means having a finger adapted to ride over the set of projections of said code wheel located nearest said device; and time-controlled means for advancing said code wheel for a predetermined period; means for rotating said device after advance of said code wheel has ceased; and resetting means for returning said code wheel to a predetermined starting position subsequent to completion of rotation of said device.

2,452,091

INCENDIARY MATERIAL

David L. Woodberry, United States Army, William W. Howerton, Bel Air, Md., and Alver Dunbar, Teaneck, N. J., assignors to the Secretary of War of the United States of America and his successors in office, as trustee

No Drawing. Application November 23, 1942, Serial No. 466,658

5 Claims. (Cl. 44—3)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An incendiary composition composed essentially of a uniform mixture of from about 54.7 to about 61.2 parts by weight of iron oxide scale having a particle size substantially equivalent to the following U. S. Standard sieve requirements:

	Per cent
Retained on No. 12 sieve	None
Passing No. 12, retained on No. 20 sieve	Max. 5
Passing No. 20, retained on No. 50 sieve	Min. 30
Passing No. 140 sieve	Max. 10

from about 14.6 to about 20.0 parts by weight of barium nitrate, having a particle size substantially equivalent to the following U. S. Standard sieve requirements:

	Per cent
Passing No. 50 sieve	Min. 100
Passing No. 200 sieve	Max. 75

and from about 23.0 to about 26.0 parts by weight of aluminum, from about 3.8 to about 5.5 parts by weight of said aluminum being sufficiently subdivided that it reacts with and prevents the decomposition of said barium nitrate with explosive violence, and the remainder of said aluminum having a particle size substantially equivalent to the following U. S. Standard sieve requirements:

	Per cent
Retained on No. 12 sieve	None
Passing No. 12 sieve, retained on No. 30 sieve	13 to 26
Passing No. 30 sieve, retained on No. 50 sieve	35 to 45
Passing No. 50 sieve, retained on No. 140 sieve	30 to 46
Passing No. 140 sieve	0.0 to 3

2,452,092

RUBBERLIKE PRODUCT AND PROCESS OF PREPARATION

Waldo C. Ault, Philadelphia, and Benjamin B. Schaeffer, Upper Darby, Pa., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application October 10, 1944, Serial No. 558,068

7 Claims. (Cl. 260—399)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The process of preparing polymers which comprises auto-esterifying a mixture of substantially pure monohydroxystearic acid and a substantial amount of substantially pure ricinoleic acid.

5. The process of preparing rubber-like products which comprises vulcanizing the polymers produced by the process of claim 1.

2,452,093

PURIFICATION OF HARD WAXES BY REMOVAL OF SOFT FATTY COMPONENTS

Royal T. Balch, Houma, La., assignor to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application March 29, 1946, Serial No. 658,199

11 Claims. (Cl. 260—428.5)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A method of obtaining granular crystals of sugarcane wax, comprising inducing crystallization by slowly cooling over a period of several hours, to about room temperature, with stirring, a molten crude sugarcane wax and wax-solvent mixture, in which the weight ratio of wax to solvent is between one and two parts of wax to one of the solvent, to obtain a solid phase of granular wax crystals and a liquid phase consisting essentially of a solution of the fatty fraction of crude wax in the wax solvent.

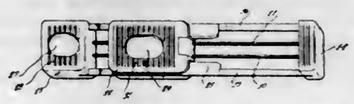
2,452,094

RAZOR BLADE SHARPENER

Gote E. Bergman, New York, N. Y.

Application October 22, 1947, Serial No. 781,463

2 Claims. (Cl. 51—158)



1. A razor blade sharpener comprising guide rods transversely spaced from one another, end pieces connected to the opposte ends of the guide parts, a slide adapted to be extended over the guide rods and having separable parts, means projected from the parts for retaining the razor blade so that its edges extend laterally therefrom and are accessible from both bottom and top sides, thin spring strips extending from one end piece to the other and located respectively upon opposite sides of the guide rods, and sharpener pieces carried upon the spring strips and adapted to be engaged by the opposte side edges of the razor blade as the same is moved back and forth along the guide rods.

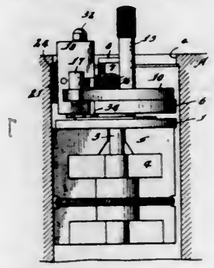
2,452,095

CYLINDER RIDGE REAMER

Herbert A. Berkman, Chicago, Ill., assignor to Zim Manufacturing Company, a corporation of Illinois

Application June 5, 1946, Serial No. 674,475

8 Claims. (Cl. 77—2)



1. In a cylinder reamer, a device having thereon a rotatable member, means to secure said device in an engine cylinder at a substantial distance from a ridge to be reamed, an element on said rotatable member having a longitudinal guideway in position to face the cylinder wall and be near and parallel thereto, a block narrower than the guideway slidable in and lengthwise of the latter, a cutter blade lying flat beside the block in the guideway, the blade being pivoted to the block for rocking movements in an approximately radial plane and projecting outwardly from said block, and means to cause the block to move lengthwise of the guide-way when the rotatable member is turned.

2,452,096

COMBINED BILLFOLD AND CARD RETAINER

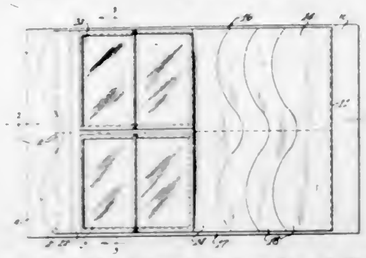
Marion F. Bertalotto, Monett, Mo.

Application November 15, 1946, Serial No. 709,910

1 Claim. (Cl. 150—35)

In a combined billfold and card retainer including an outer wall and an inner wall arranged in spaced superposed relation with respect to said outer wall and secured at its opposite ends to the adjacent face of the latter wall, both walls being of a width slightly in excess of twice the

width of a piece of paper money, and of a length in excess of the length of such piece of paper money, the improvement consisting in securing said walls along a line intermediate the longitudinal edges of the outer wall to thereby form separate, lengthwise compartments for the reception of currency therein, attaching a plurality of overlapping pieces of pocket-forming material to the inner face of the inner wall adjacent one end of the latter and parallel to the line of se-



curement at the longitudinal center of the billfold to provide a series of compartments for the reception of cards therein and attaching a pair of overlapping pieces of pocket-forming material, of a size larger than the first named pieces to the inner face of the inner wall adjacent the opposite end of the latter and parallel to the transverse edges of the billfold to provide a pair of pockets for the reception therein of articles of a size larger than those receivable in said compartments.

2,452,097

HOUSEHOLD INCINERATOR

Harry B. Bornside, Providence, R. I.

Application February 2, 1944, Serial No. 520,999
1 Claim. (Cl. 110—18)



A burner construction having vertical wall sections, a bottom section, and a top section, said sections forming a combustion chamber, the wall sections comprising rectangular metal angle frames having upper and lower edges, and longitudinally disposed concave strips with their concave sides directed inwardly of the combustion chamber, the inner surfaces of the ends of the strips being flattened and secured to the upper and lower edges of the frames, said strips being spaced to provide narrow air passages therebetween.

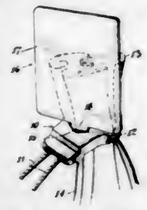
2,452,098

METHOD OF SECURING IDENTIFICATION TAGS TO SEALS

Elinor Brooks, Califon, N. J.

Application May 15, 1945, Serial No. 593,864
1 Claim. (Cl. 40—21)

The method of securing a rupturable identification tag to bag sealing means, which bag sealing means consist of a sealing and gripping member, composed of a flat sleeve of deformable sheet material, and of a double-end flexible strand threaded and rethreaded through said sleeve to form loops to be passed and tightened around the material of the mouth of a bag, comprising: passing loops of said strand around the material of the mouth of the bag and preliminarily tightening said loops to thereby bring one end of said sleeve adjacent to the material of said bag, bending said sleeve downwardly to thereby temporarily expose that end thereof which is adjacent the



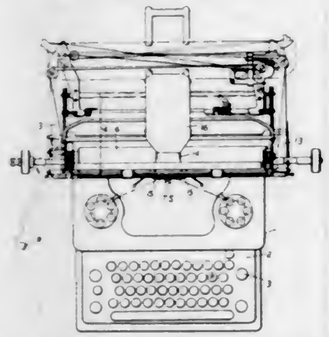
material of the bag, introducing a portion of said tag through the end thus exposed into said sleeve, restoring said sleeve to its original position and tightening said loops around the material of the bag, and then deforming said sleeve to thereby grip the strand and that portion of the tag that extends into the sleeve.

2,452,099

MEANS FOR PRODUCING REDUPLICATIVE MASTER SHEETS IN TYPEWRITING AND LIKE MACHINES

Claude Wellington Brumhill, Leicester, England, assignor to The Imperial Typewriter Company Limited, Leicester, England

Application October 24, 1945, Serial No. 624,160
In Great Britain June 7, 1945
3 Claims. (Cl. 197—153)



1. In a typewriting machine of the kind in which type impressions are produced in reverse on the back of a master sheet, by feeding a ribbon between the sheet and the front of a rotary platen with an impression-producing face of the ribbon presented to the back of said sheet at a typing station at the front of the platen, the combination with the rotary platen, means for feeding the master sheet down under the platen from the back and up the front thereof past the typing station, and ribbon-feeding means for feeding the ribbon between said sheet and platen at the typing station, of a thin anvil of sheet material for taking the type impacts at the typing station, and means for supporting said anvil at said station between the ribbon and the front of the platen which means comprises a stationary anvil-support arm extending forwards from the rear of the machine and at its front end leading downwards over the platen there to be located behind the sheet ascending from the typing station and affording room beneath it at the rear of the

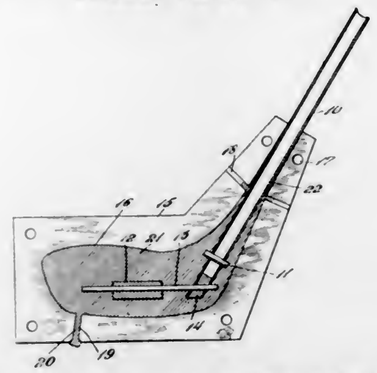
platen for accommodating the sheet to be fed under the platen, and means on the front end of said arm for the removable attachment of the anvil.

2,452,100

HEAD FOR GOLF CLUBS

Nelson S. Campbell, Greenwich, Conn.

Application September 1, 1945, Serial No. 614,070
5 Claims. (Cl. 273—77)



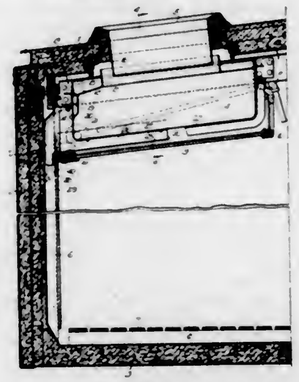
1. A golf club having a head with a shank extending therefrom, said shank having a bore therein continuing into said head and straight for its entire depth, a shaft straight for its entire length extending into said bore, a pin of a less diameter than said shaft having an end portion thereof secured in said shaft and extending in a straight line from said shaft and at an angle thereto, a balancing member carried by said pin, said head being one homogeneous mass of molded material completely enveloping said member, pin and the portion of the shaft extending into said head.

2,452,101

DRIP PAN HINGE FOR REFRIGERATOR CARS

Edward S. Cisco, Highland, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill., a corporation of Delaware

Application August 1, 1946, Serial No. 687,723
9 Claims. (Cl. 62—17)



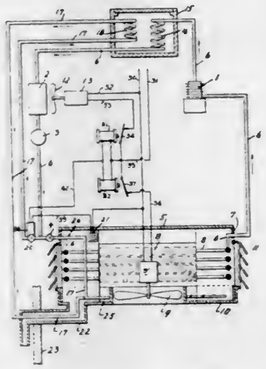
1. In a refrigerator car having a roof, hinge means for hinging a partition to a car wall under a refrigerant container positioned and in close proximity to adjacent said roof and wall; said hinge means comprising a hinge bracket secured to said wall and hinge links pivotally supported at one end by said bracket and pivotally attached at their other ends to said partition, the location of the pivotal attachments of said links being such that as said partition pivots downwardly it swings inwardly so that the outer edge of the partition is always maintained within the limited space between said partition and container.

2,452,102

REFRIGERATING SYSTEM DEFROSTED BY HOT LIQUID REFRIGERANTS

John B. Cocanour, San Jose, Calif., assignor to Colvin-Templeton, Inc., Oakland, Calif., a corporation of California

Application November 6, 1944, Serial No. 562,189
29 Claims. (Cl. 62—2)



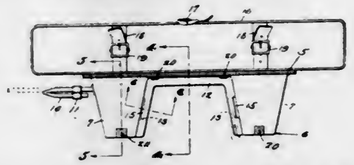
1. A cooling system comprising a conduit, a compressor, a condenser, a receiver, an expansion valve and an evaporator connected into the conduit in series for passing a refrigerant therethrough, a by-pass for the expansion valve having means for heating the refrigerant therein, and control means for the by-pass whereby the latter is opened in response to a predetermined drop in temperature in the evaporator for defrosting the latter.

2,452,103

HEADREST

Julius A. Conradt and Richard J. Conradt, Rochester, N. Y.

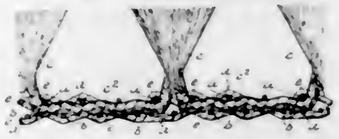
Application April 15, 1946, Serial No. 662,350
1 Claim. (Cl. 155—173)



An inflatable headrest constructed of flexible material, comprising a substantially rigid rear section, and a front section secured to the rear section comprising preshaped air chambers, a wall connecting the air chambers and cooperating with the rear wall providing an air passageway therebetween communicating with the air cham-

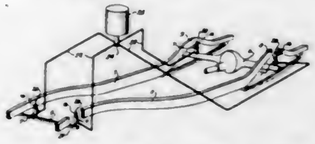
bers, the adjacent inner walls of the air chambers being inclined throughout their lengths, and providing a space for the reception of the head of the person using the headrest, a soft rubber lining in the space between the inner walls of the air chambers and wall connecting the air chambers for contact by the head of the person using the headrest, and straps for securing the headrest to the back of a chair.

2,452,104
PILE FABRIC
David M. Cooper, Huddersfield, England
Application November 28, 1945, Serial No. 631,431
In Great Britain December 2, 1944
9 Claims. (Cl. 139—392)



1. A woven pile fabric consisting of two warps and three wefts, one of the latter being interwoven at least mainly with one of the warps to form substantially one face of the fabric, a second being interwoven at least mainly with the other warp to form substantially the other face of the fabric, and the third being employed at least mainly as a tie thread to bind the two warps together.

2,452,105
SHOCK ABSORBING SYSTEM FOR VEHICLES
Joseph Mario Cosentino, Baltimore, Md.
Application September 11, 1946, Serial No. 696,306
1 Claim. (Cl. 280—104)



In combination with a master cylinder, a plurality of interconnected hydraulic shock absorbing cylinders, pistons in said shock absorbing cylinders, coil springs below said pistons, a free floating piston in said master cylinder, a coil spring compressed between said free floating piston and the head in said master cylinder, an interiorly disposed annular seat for said piston when in its lowermost position, an apertured partition disposed transversely of said master cylinder in horizontal alignment with said seat, an apertured plate valve in the lower end of said master cylinder below said piston, means for limiting the upward movement of said plate valve, and a coil spring disposed between said partition and said plate valve for firmly holding the plate valve in its lowermost position.

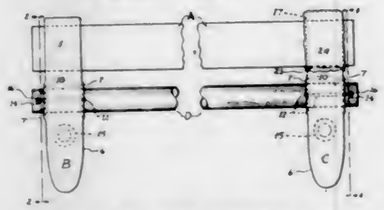
2,452,106
RADIO ANTENNA
Gordon H. Cotchefer, Long Beach, Calif.
Application March 16, 1946, Serial No. 654,840
12 Claims. (Cl. 250—33.57)

1. An antenna array which comprises a straight vertical driven element capable of radiation over a height one-half nL where L is the wave-length and n is an integer greater than 1, a parasitic element of height one-half L adjacent the top one-half L section of the said driven element and



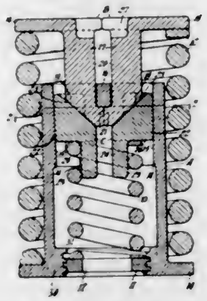
a transmission line connected to the bottom one-half L section of said driven element.

2,452,107
VENETIAN BLIND CLEANER
Beatrice Cranney, Seattle, Wash.
Application June 30, 1947, Serial No. 757,980
1 Claim. (Cl. 15—102)



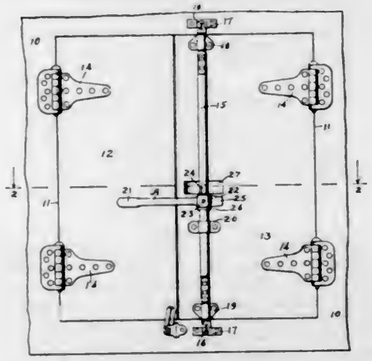
A device for cleaning Venetian blinds, comprising, a pair of clamping upper and lower jaws for binding over Venetian slats to be cleaned, handles extended rearwardly from the jaws for operating the same, a spring mounted between the handles for normally binding the jaws upon opposite sides of the slats in predetermined positions, a hub integrally disposed between the lower jaws and handles and being pivotally connected with the said upper jaws and handles and provided with an eye therethrough, a rod disposed through the eye with one end thereof normally bound to said hub and the other end of the rod projected laterally from the hub for disposition parallel with the slat to be cleaned, a second pair of jaws and handles pivotally connected by a hub integrally formed with one of the jaws and provided with an eye slidably disposed on the rod and adapted to be moved to and fro on the rod for wiping the jaws thereof along and upon opposite sides of the slat to be cleaned, ribs around the cleaner jaws adjacent to the bases thereof for retaining covers over the jaws, flexible covers mounted over the cleaner jaws and ribs, for wiping and collecting dust from the faces of the slats, a relatively light spring mounted between the handles of the cleaner jaws adapted to normally sustain the covers of the jaws against the faces of the slats, said handles being adapted for regulating the tension of the last described springs and jaws on the slats and to facilitate manual operation of the cleaner jaws to and fro along the slats parallel with the rod.

2,452,108
FRICTION SHOCK ABSORBING MECHANISM
George E. Dath, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a cosporation of Delaware
Application February 10, 1944, Serial No. 521,786
5 Claims. (Cl. 267—9)



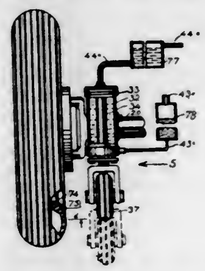
1. In a friction shock absorbing mechanism, the combination with a friction casing open at one end and having interior friction surfaces at said open end; of a lengthwise split wedge block, said casing and block being movable lengthwise with respect to each other, said block comprising two like sections; a stop web extending transversely across the open end of the casing, and directly connecting the opposite side walls thereof; shoulders on the inner sides of the sections of the wedge engageable in back of said web to limit outward movement of the wedge; friction shoes within the casing having sliding engagement with the friction surfaces thereof and wedging engagement with the wedge; and spring means within the casing yieldingly opposing inward movement of the shoes.

2,452,109
LOCKING MEANS FOR ROTARY ACTUATING BARS OF DOOR FASTENERS
George E. Dath, Mokena, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application July 25, 1947, Serial No. 763,562
5 Claims. (Cl. 292—218)



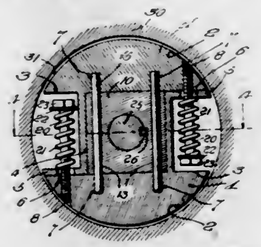
1. In a door operating mechanism, the combination with a rotary operating bar mounted on the door and having keeper engaging means thereon cooperating with fixed keepers to force the door open or closed; of an operating handle lever connected to the bar for rotation therewith, said lever extending radially of said bar at one side thereof; and a locking projection on said lever projecting beyond the opposite side of said bar, said door having a recessed portion providing clearance for said projection to permit rotation of said bar in door opening direction, said lever being slidable lengthwise of said bar to a position beyond said recessed portion of the door to bring said projection in position in front of said door to block said lever against rotation in door opening direction.

2,452,110
AUXILIARY SAFETY WHEELS FOR USE ON AUTOMOBILES AND TRUCKS
George J. Dourte, Denver, Colo.
Application August 27, 1945, Serial No. 612,929
5 Claims. (Cl. 280—150)



1. A safety device for automotive vehicles having at least one axle supported by wheels, a hydraulic jack cylinder connected with the axle adjacent each wheel, a piston in the cylinder, a piston rod extending through the lower cylinder head, the lower end of the piston rod having a wheel fork, a wheel mounted for rotation in the fork, a source of fluid under pressure, means comprising a control valve for directing fluid from said source into the cylinder on one side of the piston, and for simultaneously connecting the space on the other side with the atmosphere, to move the piston rod and wheel, the control valve having a neutral position in which communication with both sides of the piston is cut off, and means for automatically applying a braking force to the wheel when the piston is moved downwardly.

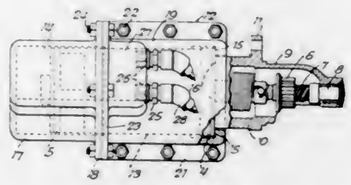
2,452,111
SPEED RESPONSIVE CLUTCH
Frank O. Eaton, Capon Bridge, W. Va.
Application December 20, 1946, Serial No. 717,374
5 Claims. (Cl. 192—105)



1. In speed responsive mechanism for clutching activities and the like, wherein an annular

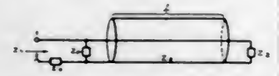
face is positioned relative to a rotatable driving member of square contour to present a common axis condition therebetween, a mechanism assembly for operatively producing a frictional clutching relation between the member and face by centrifugal force activity during rotation of the member, said assembly comprising a pair of elements carried by the member and operatively connected therewith to be driven thereby, said elements being of similar contours and dimensions and each including an arcuate face adapted to be cooperative with the annular face and a chordal face normally contacting a side face of the member, said elements being located in similar positions relative to opposite side faces of the member contour, said member carrying a pair of parallel pins in spaced-apart relation, each pin having projecting end zones extending into the elements and forming a drive relation between the member and elements with the elements movable in the direction of length of the projecting pin end zones, each element having an arm projecting normal to the chordal face and in parallelism with an adjacent side face of the member, each arm having its free end provided with a perforated base member extending outward normal to the direction of length of the arm and normally lying in contact with the chordal face of the opposite element, and means including a spring carried individually by each element and coacting with the base member of the other element for producing a yieldable resistance condition opposing centrifugal force with the resistance applied in directions normal to the direction of length of an element chordal face, whereby the element movements relative to the member will be controlled in direction by said pins and by the arm contact with member side faces.

2,452,112
EXPLOSION-PROOF STARTER
William F. Eckert, Rochelle, Ill.
Application April 12, 1945, Serial No. 588,005
8 Claims. (Cl. 172—36)



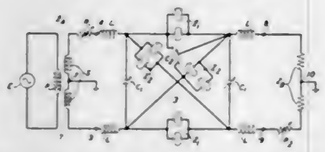
1. In combination with an electrical machine having a generally cylindrical housing and having a brush assembly in one end and an armature shaft extending from the other end, means on the latter end portion of the housing for mounting the housing on a support, an air-tight explosion resisting housing for enclosing the housing of said machine from the brush assembly end to the other end, said enclosing housing being generally cup-shaped and having a tight friction fit on the cylindrical exterior of said machine housing, whereby said enclosing housing is supported on said machine housing and an explosion occurring in the inner end of the enclosing housing will cause endwise displacement of said enclosing housing toward the brush assembly end, said enclosing housing having an annular internal shoulder in the open end thereof for abutment annularly on the adjacent end of the machine housing with an air-tight fit to limit such endwise displacement.

2,452,113
SWITCH FOR HIGH-FREQUENCY ELECTRICAL OSCILLATIONS
Dennis Clark Espley, North Wembley, England, assignor to The General Electric Company Limited, London, England
Application March 30, 1946, Serial No. 658,404
In Great Britain March 7, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires March 7, 1965
8 Claims. (Cl. 178—44)



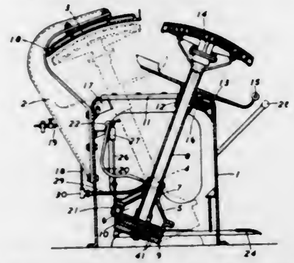
1. A switch for high-frequency oscillations of frequency f comprising a stub including a concentric uniform line of length L substantially different from $q\lambda/4$ where q includes all integers of odd and even gender, and λ is the wave length along the said line corresponding to the frequency f, the members of said stub being adapted to be connected at one end of the stub to another uniform line which the switch is to control, the second end of said stub being open, a conductor relatively movable with respect to the open end of said stub between a first position in which said conductor and the open end of said stub are remotely spaced and a second position in which said conductor and the open end of said stub are closely spaced, whereby said conductor gives rise to a capacitative impedance of value C in said second position shunting the open end of said stub, and at least one compensating impedance element permanently electrically connected to said first end of the stub, the number of impedance elements and the type and value of each impedance element and its connection to said first end of the stub being such with respect to the frequency f, the value of L, the impedance C and the characteristic impedance Z_0 of the stub, that when said conductor is in one of said positions the impedance across said first end of the stub is substantially zero and when said conductor is in the other of said positions the impedance across said first end of the stub is substantially infinity.

2,452,114
BALANCED WAVE FILTER
Francis S. Farkas, Forest Hills, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 26, 1945, Serial No. 590,366
20 Claims. (Cl. 178—44)



14. In combination, two load impedances grounded substantially at their electrical midpoints, a wave filter interposed between said impedances, a resistance connected between a terminal of said filter and one of said impedances, and a second resistance connected between the diagonally opposite terminal of said filter and the other of said impedances, said filter comprising impedance branches which have a high degree of susceptive symmetry but have a residual conductive dissymmetry with respect to ground at a frequency at which transmission through said filter is substantially completely suppressed and said resistances having magnitudes such that said conductive dissymmetry is substantially eliminated at said frequency.

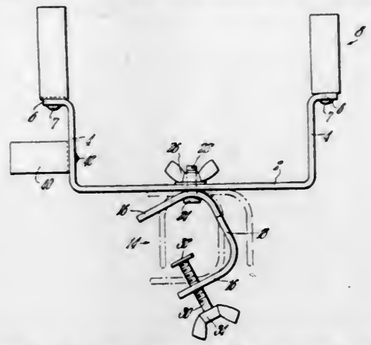
2,452,115
POWER ACTUATED GARMENT AND LIKE PRESSES
Charles Edward Feasey, Enfield, England, assignor to James Armstrong & Company Limited, London, England, a corporation of Great Britain
Application February 17, 1945, Serial No. 578,431
In Great Britain April 30, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires April 30, 1961
2 Claims. (Cl. 38—35)



1. In a garment or like press, the combination of a main frame, a stationary ironing head mounted on said frame in a fixed location at the rear of the press, a movable unit pivotally mounted intermediate its ends in said frame to swing about a horizontal axis and having the portion above said pivotal axis of materially greater length than the portion below said axis, a buck comprised in and forming the upper end portion of said unit and movable through an arcuate path by swinging movements of said unit about its axis from a forward loading position clear of said head into a rearward pressing position beneath said head, and vice versa, a power applying cylinder for said buck effective to move it upwardly when it is in its pressing position, said cylinder being incorporated in the portion of said movable unit below the pivotal axis thereof and rendering the weight of such portion sufficient almost to counterbalance the upper portion of the unit including the buck, valve means automatically actuated as the buck reaches its pressing position to supply fluid under pressure to said power applying cylinder to cause upward pressure of the buck against the ironing head, and means for exhausting pressure fluid from said cylinder to release the press.

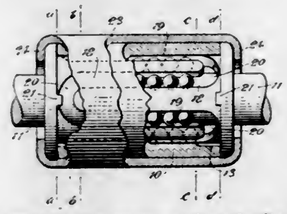
2,452,116
HOLDING DEVICE
George F. Felton, Millers Falls, Mass.
Application September 7, 1945, Serial No. 614,968
1 Claim. (Cl. 248—42)

A device for releasably clamping a fish rod to a support comprising in combination a holder member bent from a single strip of metal to have a substantially straight intermediate portion and side legs at opposite ends thereof extending upwardly from opposite ends thereof at right angles thereto, the upper extremities of said side legs being turned relatively outwardly away from one another at right angles to said legs, a pair of clip members formed from strips of resilient metal to have intermediate portions and spaced arms extending upwardly therefrom, said intermediate portions secured to said extremities, a bracket member formed from a single strip of metal to have a straight central intermediate strut portion with end arc portions curving outwardly and away from opposite ends thereof and extremities in spaced parallel relation disposed at right angles to said strut, an end portion of said strut and one arc and extremity portion adjacent thereto provided with a continuous slot therethrough and said portions adapted to be disposed in contiguous



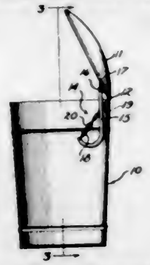
relation on the intermediate portion of said holder, said intermediate portion of the holder provided with an opening therethrough, both means extending through said opening and slot adapted to secure said holder and bracket together in various relative positions, a clamp member in threaded engagement with the other end portion of the bracket for engaging an object between said end portions of the bracket and securing the bracket thereto.

2,452,117
SLIDING ANTIFRICTION BEARING
Hulbert K. Ferger, Flushing, N. Y., assignor of one-half to John B. Thomson, Plandome, N. Y.
Application November 6, 1945, Serial No. 626,940
11 Claims. (Cl. 308—6)



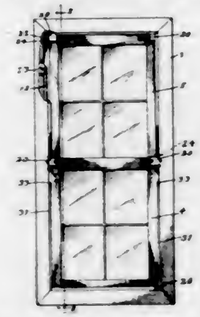
1. An anti-friction bearing for shafts and the like comprising, in combination with the shaft, a sleeve having a counter-bore at each end thereof and a plurality of longitudinal recesses therein extending from one counter-bore to the other, two sets of longitudinally extending ball-guides between the shaft and sleeve whereof the guides of one set alternate with those of the other set and register respectively with said recesses while the guides of the other set are out of register with said recesses, a plurality of approximately semi-circular guides located within the respective areas defined by the counter-bores and the ends of each of which are continuous with the respective adjacent ends of two adjacent longitudinal guides, and bearing balls substantially filling all said guides and of such size that only the balls in the longitudinal guides out of register with said recesses will have bearing contact with the shaft and sleeve at any moment.

2,452,118
FIRE EXTINGUISHING WASTE PAPER RECEPTACLE
Dewey A. Florence, Philadelphia, Pa.
Application June 4, 1946, Serial No. 674,308
1 Claim. (Cl. 220—89)



A receptacle comprising in combination, a container open at the top thereof, a cover on said open top, a hinge connecting said cover to said container, a spring associated with said hinge and urging said cover into the closed position, and supporting means comprising an arm pivotally connected at one end thereof to the underside of said cover, a length of chain connected at one end thereof to the remaining end of said arm, the remaining end of said chain being secured to the lateral wall of said container, and a fusible link interposed into the length of said chain, said supporting means normally holding said cover in the open position, the melting of said link separating said chain and causing the closing of said cover under the influence of said spring.

2,452,119
WINDOW FRAME AND SASH
Michael Garros, Garwood, N. J., assignor of fifty per cent to Edgar F. Widin, Garwood, N. J.
Application August 24, 1945, Serial No. 612,354
1 Claim. (Cl. 20—43)



In an apparatus of the class described, the combination of a window frame provided with rear cleats, and with front cleats, said window frame having at its bottom a rear portion lower than the front portion of the bottom, said rear cleats terminating short of the lower portion of the bottom of the window frame, said front cleats terminating at their upper ends at approximately the middle of the window frame, an upper sash slidably mounted within the window frame and adapted to engage the lower portion at the bottom of the window frame and be pivoted outwardly to rest against the lower ends of the rear cleats, a lower sash slidably mounted in said window frame and adapted to be swung outwardly to rest upon the upper ends of said front cleats, and each sash being provided with lock devices cooperating with the window frame, whereby the sash is held normally against pivotal movement upon the window frame.

2,452,120
HANGER
Herbert D. Gorne, Bellingham, Wash.
Application May 25, 1946, Serial No. 672,291
1 Claim. (Cl. 248—317)

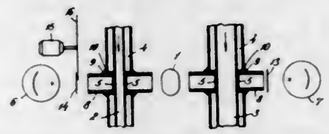


A hanger for fluorescent tubing, comprising an annular base plate removably secured to a supporting structure, an outwardly projecting central hub portion integrally formed with said base plate, an opening provided in said plate, a ball seat provided in said hub portion communicating with said opening, a shank receiving aperture provided in said hub portion communicating with said ball seat, a shank, a spherical element carried by one terminal of said shank rotatably engaging said ball seat, a hook member at the opposite terminal of said shank, an outwardly turned, arcuate lip at the outer extremity of said hook member, a flexible element carried by said shank engaging said lip for closing the opening of said hook, and an adjustable set screw carried by said hub portion selectively engaging said spherical element.

2,452,121
CONVERSION OF SYNTHETIC HYDROCARBONS CONTAINING OXYGENATED COMPOUNDS TO HYDROCARBONS OF HIGH OCTANE VALUE
James H. Grahame, Mount Vernon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application November 26, 1947, Serial No. 788,325
7 Claims. (Cl. 260—450)

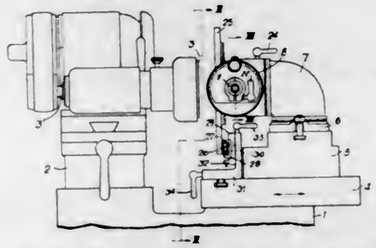
1. A process for the manufacture of motor fuel hydrocarbons which comprises reacting carbon monoxide with hydrogen in the presence of an iron catalyst at a temperature within the range of from about 500 to about 700° F. and a pressure within the range of from about 150 to about 550 pounds per square inch gauge, subjecting the resulting reaction products to a temperature within the range of from 200 to 300° F. and a pressure within the range of 150 to 550 pounds per square inch gauge whereby condensate is formed comprising a hydrocarbon-rich phase and a water-rich phase, withdrawing the hydrocarbon-rich phase and subjecting same to fractionation to separate therefrom a fraction boiling within the range of 100 to 625° F., passing said fraction in vapor phase at a temperature within the range of 700 to 900° F. into contact with a catalyst comprising essentially alumina at a space velocity within the range of 1 to 10 liquid volumes of hydrocarbon per volume of catalyst per hour, and recovering the resulting treated hydrocarbon fraction of improved octane value.

2,452,122
APPARATUS AND PROCESS FOR TESTING MATERIALS
Percy W. Gumaer, West Englewood, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York
Application November 15, 1943, Serial No. 510,369
17 Claims. (Cl. 250—43)



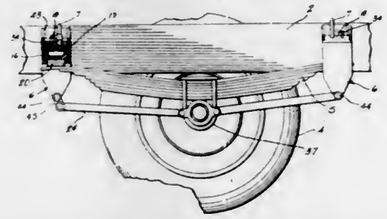
1. Apparatus for continuously testing fluids containing a plurality of components, said fluids being subject to variation in composition, comprising in combination a source of light of wave length such that different amounts of the light are absorbed by streams of the fluid of different thickness, a source of fluid to be tested, two fluid channels of different thickness having wall portions transmissive of said light, means for simultaneously and continuously passing two streams of the fluid to be tested from said source of fluid through the respective channels, said streams of fluid being of substantially the same composition, two devices sensitive to light of said wave length, said light source, said transmissive wall portions and said light-sensitive devices being located so that light passes substantially continuously from said source through one of said channels to one of said light-sensitive devices and simultaneously passes substantially continuously from said light source through the other of said channels to the other of said light-sensitive devices, and an electric circuit connecting said light-sensitive devices in opposition, said circuit involving a portion through which current from one light-sensitive device tends to flow in one direction and current from the other light-sensitive device tends to flow in the opposite direction, whereby the electrical condition of said circuit is a function of the capacity of said fluid to absorb said light.

2,452,123
ARRANGEMENT IN GRINDING MACHINES
Karl Wilhelm Josef Hjelmblad, Alsten, Sweden
Application February 14, 1945, Serial No. 577,740
In Sweden March 4, 1944
6 Claims. (Cl. 51—123)



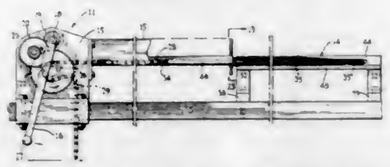
1. In a grinding machine the combination with a frame, a grinding tool carrying member, a work piece carrying spindle journalled in a movable carrier, a dividing unit comprising a pair of members mounted on said spindle and angularly adjustable with respect to each other, means for coupling said members mechanically in the desired one of a plurality of positions of angular adjustment, and means for clamping one of said members to said spindle, of a lead unit for guiding the rotary movement of said spindle, relatively to the carrier; said lead unit comprising a guide rail mounted in the frame to be set in various angular positions about an axis relatively to said frame, means for clamping said rail in a desired position of angular adjustment two-way motion-transmitting means connecting said rail to the other member of said pair of members and thereby to said spindle when said pair of members are mechanically connected by said coupling means, whereby motion may be transmitted to said spindle upon displacements of said carriage when said guide rail is clamped by said clamping means in angular position with respect to the path of movement of said carriage and alternatively angular adjustment of said guide rail may be effected by rotation of said spindle when said clamping means is released, said motion-transmitting means including a roller engaging said rail and having a neutral position in which its axis coincides with the axis of angular adjustment of said guide rail, and cooperating means on said carrier and said other member for latching the latter in a preselected zero position of angular adjustment with respect to said spindle corresponding to the neutral position of the motion-transmitting means.

2,452,124
HYDRAULIC SCALE
Victor J. Huston and Frank G. Huston, Muskegon, Mich.
Application April 2, 1946, Serial No. 659,103
3 Claims. (Cl. 265—40)



3. Load weighing apparatus for a vehicle having axles, a frame, springs supporting said frame on said axles, and link means operatively interconnected between said frame and said axles to maintain said frame against longitudinal movement relative to said axles, said apparatus comprising fluid-filled, compressible units secured to said frame, one at each end of each spring, and bearing upon said springs to transmit load forces between said frame and said springs, each of said units comprising a strong, hollow casing having in its bottom end an opening smaller than said bottom end to provide an internal shoulder around said opening, a hollow container of flexible material in said casing, and a head projecting through said bottom opening in the casing and having a flange bearing upon said shoulder to preclude movement of said head out of said casing, said head bearing at its upper side on the bottom of said hollow container and at its lower side against the corresponding spring end, conduit means inter-connecting all of said containers, means connected with said conduit means to maintain said containers filled with hydraulic fluid, and an indicator connected to said conduit means for indicating the load imposed on said springs.

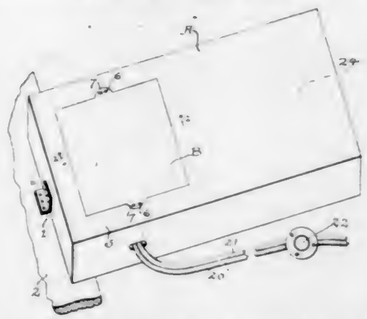
2,452,125
METHOD OF FORMING AND CHANGING THE CROSS SECTION OF CONVOLUTED METAL TUBING
David Ingalls, Westfield, and John Herman Petersen, Union, N. J., assignors, by mesne assignments, to Titeflex, Inc., Newark, N. J., a corporation of Delaware
Application June 12, 1945, Serial No. 599,088
12 Claims. (Cl. 153—2)



1. In the art of re-forming flexible corrugated metal tube that has a helically corrugated wall, the improvement which consists in filling with a deformable pressure resisting material those corrugations that open toward the inside of the tube, changing the cross section shape of the tube by pressure applied internally thereof, and removing the corrugation filling material while said material is in a solid state.

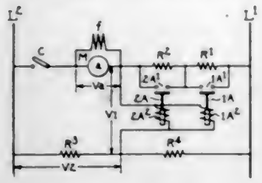
5. In the art of reforming flexible helically wound metal tube the improvement which comprises filling the internal corrugation with a continuous length of a metal wire, filling the outer corrugation with a deformable material, changing the cross section shape of the tube by pressure applied internally thereof while both the inner and outer corrugations of the tube are filled, and after reforming the tube, removing the wire from the internal tube corrugation and also removing the material from the outer tube corrugation.

2,452,126
SEALER
Frank N. Irwin, Jr., South Miami, Fla.
Application April 26, 1945, Serial No. 590,486
5 Claims. (Cl. 219—19)



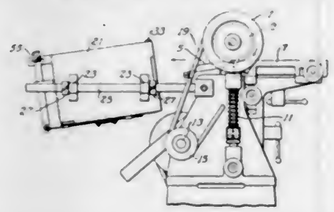
4. A sealer for Cellophane or waxed wrapped bread or the like for use in a delivery vehicle comprising, a solid block having an opening in its top and adjacent one of its ends, a box of a size to fit within and fill said opening, means for removably securing the box in the opening, said box having a metallic top disposed substantially flush with the top surface of said block, an electrical heat resistance element within said box and in heat exchange relationship with the metallic top thereof, means to secure said block in a convenient position within a vehicle provided with an electrical battery, electrical conductors interconnecting said vehicle battery and said heating element, and a foot operable circuit maker and breaker connected to said conductors for controlling the supply of current to the heating element.

2,452,127
COUNTERELECTROMOTIVE FORCE MOTOR STARTER CONTROL SYSTEM
Kenneth D. James, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application August 2, 1945, Serial No. 608,533
5 Claims. (Cl. 318—394)



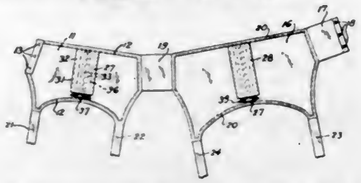
4. The combination with a motor, of a supply circuit therefor and starting means for said motor comprising a starting resistor, an electroresponsive control switch for said resistor, and resistors connected in series across said supply circuit, said switch having an operating winding connected in a loop with the armature of said motor and certain of the last recited resistors for response to C. E. M. F. of said motor, other of said last recited resistors being interposed between said loop and said supply circuit and the connections thus afforded said winding constituting a bridge circuit for said winding to minimize certain of the influences, including changes in line voltage, which tend to render action of said switch erratic.

2,452,128
SPLITTING MACHINE
Charles E. Johnson, Belmont, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application September 11, 1946, Serial No. 696,253
3 Claims. (Cl. 69—13)



1. In a machine for operating upon soles, in combination, operating mechanism, a receptacle for receiving and stacking soles as they are discharged from the operating mechanism, said receptacle having a wall arranged to arrest the movement of the soles away from the operating mechanism, a bottom, opposed guides between which the soles are stacked upon falling toward said bottom, each guide being mounted for adjustment toward and away from the other, operator controlled means for adjusting said guides simultaneously, and a clamp for securing said means in adjusted position.

2,452,129
SANITARY GARTER BELT
Irving Kaldor, San Francisco, Calif.
Application April 26, 1947, Serial No. 744,223
2 Claims. (Cl. 2—304)

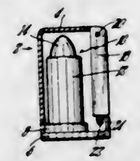


1. A sanitary garter belt comprising a front cloth section, a rear cloth section connected to said front section, a first sheet of cloth stitched to the inner side of said front section to define a first open-bottom pocket on the inside and at the approximate longitudinal center of said front section, a second sheet of cloth stitched to the inner side of said rear section to define a second pocket having an open bottom on the inner side and at the approximately longitudinal center of said rear section; said first and second pockets being in alignment when the garment is worn on the body, an elastic strip within said first pocket and stitched at one end to the upper edge of said first sheet to depend therefrom, an elastic strip secured to the upper edge of said second sheet within said second pocket to depend from said second sheet, and napkin fasteners on the depending ends of said strips.

2,452,130
METHOD OF SPINNING HIGH TENACITY VISCOSE RAYON
Guillaume M. A. Kayser, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C., a corporation of Delaware
No Drawing. Application April 1, 1946, Serial No. 658,865. In Germany December 16, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 16, 1963
5 Claims. (Cl. 18—54)

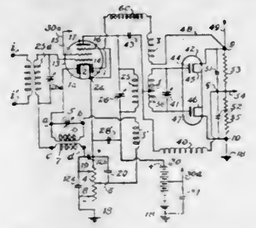
1. A method of manufacturing high tenacity viscose rayon involving the use of a precipitating bath, and a hot bath in which the rayon is highly stretched which comprises subjecting the rayon to the influence of a small amount of formaldehyde prior to the high stretching effected in the hot bath.

2,452,131
COSMETIC DEVICE
Ralph E. Kruck, Longmeadow, Mass.
Application February 28, 1946, Serial No. 650,863
2 Claims. (Cl. 15—130.1)



1. A cosmetic device for applying lip rouge comprising in combination, a receptacle member having a longitudinal axial bore therein extending between upper and lower ends thereof closed at its upper end and open at its lower end and also provided with a longitudinally extending slot in a side thereof, an elongated applicator receivable in said slot having an outer end provided with an applicator tip and an inner end pivoted in said slot adjacent the upper end of the receptacle for swinging movements between an inoperative closed position in said slot wherein said tip is disposed in a lower portion of said slot and an operative open position outwardly away from said slot, a closure member insertable in and withdrawable axially from the open end of said bore for supporting a lip rouge device wholly within said bore and being rotatable in the open end of the bore about the longitudinal axis thereof, said closure member provided with means adapted when the closure member is rotated to a certain position relative to said receptacle to overlie the lower portion of said slot and the applicator tip when the applicator is in inoperative position in said slot thereby to prevent swinging of said applicator from said inoperative position and arranged to release said applicator when rotated away from said certain position for swinging of the applicator to an operative position.

2,452,132
DIODE MODULATOR
Edward H. Lange, Baltimore, Md.
Application June 26, 1944, Serial No. 542,181
21 Claims. (Cl. 179—171.5)

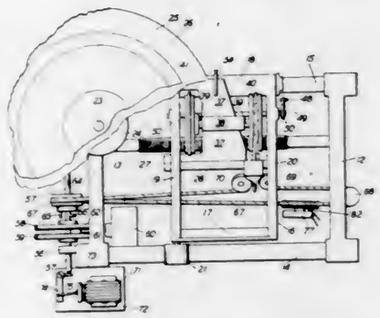


1. In a thermionic amplifier having a thermionic tube with cathode, anode, and grid, an input-impedance connected to said grid and to said cathode, and an output-impedance connected to said cathode and to said anode, a diode-modulator device for controlling phase and magnitude of alternating currents in said output-impedance, said device having a thermionic diode means including a diode-anode with said cathode, a diode-circuit connected between said diode-anode and cathode, including connections serially through a negative bias-voltage control means for controlling negative biasing of said diode-anode relative to said cathode, and through a tuned reactance-circuit capable of free electrical oscillations with small decrement at a frequency of said alternating currents; a first coupling means coupling said diode-circuit with said output-impedance, and a second coupling means coupling said tuned reactance-circuit with said input-impedance, for controlling phase and magnitude of voltages upon said input-impedance.

2,452,133
PHONOGRAPHIC APPARATUS
Richard G. Leitner and William K. Rieber, West Los Angeles, Calif., assignors, by mesne assignments, to Dictaphone Corporation, New York, N. Y., a corporation of New York
Application September 18, 1942, Serial No. 458,777
3 Claims. (Cl. 274—13)

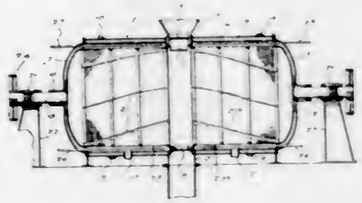
2. In phonographic apparatus having a support for a sound record and a movable carriage carrying a sound reproducing head engageable with

said record, the combination of: a motor having a driving head coupled to its armature shaft; a pair of parallel spaced discs on opposite sides of said driving head coupled to a movable shaft; mechanism connecting said movable shaft to said carriage to drive the same; an electromagnet adapted to move said disc bearing shaft to disengage one of said discs from said driving head and to en-



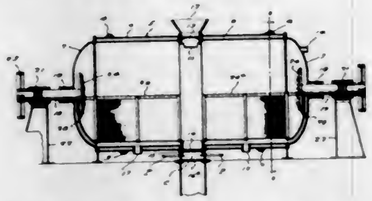
gage the other of said discs therewith to thereby reverse the rotation of said shaft and said carriage; a control switch for said motor; and an auxiliary switch which is closed by rotation of said apparatus in its forward direction and opened after a predetermined time upon reversal of said apparatus, said auxiliary switch acting then to open the circuit of both the motor and the electromagnet.

2,452,134
DEHYDRATOR
John C. Lowe, Quakertown, Pa., assignor to Harmer R. Lutz, Sellersville, Pa.
Application October 26, 1944, Serial No. 560,425
2 Claims. (Cl. 34—129)



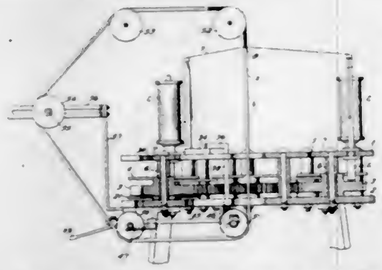
1. In a dehydrating machine of the character described, the combination of an imperforate cylindrical casing having a top material inlet and a bottom material outlet intermediate the ends thereof, a pair of perforate drums rotatably mounted in the casing in longitudinally spaced relation to each other and at opposite sides of said material inlet and said material outlet, spiral vanes on the inner surfaces of said drums, means for circulating a gaseous heating medium through the drums and casing, said drums being open at their adjacent ends and closed at their outer ends, and means adapted for rotating said drums in opposite directions for respectively feeding the material into the drums through the adjacent open ends thereof or discharging it from the drums through the adjacent open ends thereof.

2,452,135
PAPER PULP MACHINE
John C. Lowe, Quakertown, Pa., assignor to Harmer R. Lutz, Sellersville, Pa.
Application October 26, 1944, Serial No. 560,426
1 Claim. (Cl. 92—23)



In a machine for the continuous disintegration of paper stock, the combination of a horizontal elongated cylindrical casing having a jacket adapted to have steam circulated therethrough for heating stock placed in the casing and provided with a top stock inlet and a bottom valve-controlled trash outlet intermediate its ends, means to introduce treating liquid within the upper portion of the casing, a pair of stationary perforate screening trays mounted in the lower portion of the casing in longitudinally spaced relation to each other and at opposite sides of the trash outlet, said screening trays being open at their adjacent ends, said casing further having bottom pulp outlets beneath the screening trays and at opposite sides of the trash outlet, horizontal alined shafts journaled in and centrally of the opposite ends of the casing, stock circulating and disintegrating heads secured on the inner ends of the shafts adjacent the ends of the casing and embodying discs having a plurality of concentric circular series of overlapping tangentially disposed pulping vanes on the inner faces thereof, said vanes being of narrow form laterally of the discs, and means to drive said shafts so as to rotate said heads in opposite directions to disintegrate the stock and circulate it from end to end of the casing within and above the screening trays.

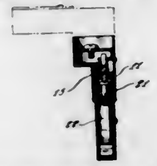
2,452,136
BRAIDING MACHINE FOR ENDLESS BELTS OR THE LIKE
Joaquin Montane Marti, New York, N. Y., assignor to The Cordwares Company, Inc., a corporation of Pennsylvania
Application June 5, 1947, Serial No. 752,595
9 Claims. (Cl. 87—33)



1. A braiding machine of the character described comprising a bed plate having adjacent intercommunicating openings, quoits defining with said openings substantially similar relatively rotatively displaced serpentine paths completely

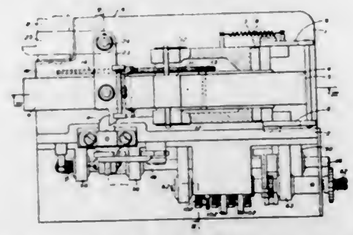
surrounding a central hole in the plate, the plate having a slot extending from said hole to one of said paths and another slot radially aligned with the first slot and extending from the other path to the edge of the plate, movable stops respectively adjacent the intersections of the slots and paths adapted to enter the respective slots, a rod supporting each stop and a spring biasing each rod in a direction to turn the stop clear of the adjacent slot when the stop is moved out of alignment with the plate and to return the stop to the slot and into alignment with the plate when the stop is realigned with the slot.

2,452,137
FLUORESCENT LIGHTING FIXTURE
Matthew Murino, New York, N. Y.
Application April 30, 1947, Serial No. 744,896
2 Claims. (Cl. 173—328)



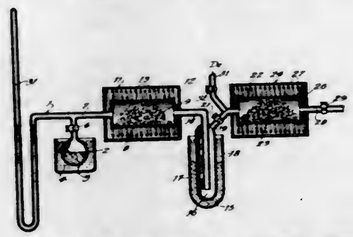
1. A bracket mounting for a fluorescent lamp comprising a base, a two part end bracket extending from the base and adapted to receive the fluorescent lamp, one part of the bracket being fixed to the base, having spring biased pin terminals, the other part being separable from the one part and having contact terminals adapted to engage respectively with the spring biased pin terminals, means for releasably securing the parts together including the provision of a dovetail groove on one part and a dovetail projection on the other part adapted to slidably engage with the dovetail groove, spring clipped terminals within the one part for receiving the end terminal of the fluorescent lamp, the contacts being in the forms of screws extending through the bracket part for retaining the spring clipped terminals and having heads with openings therein for receiving the ends of the spring biased pins of the one part, whereby the parts will be retained against displacement from one another.

2,452,138
DEVICE FOR AUTOMATICALLY INSERTING MARKING STRIPS IN PILES OF SHEETS
Laszlo Namenyi-Katz, London, England, assignor to English Numbering Machines Limited, London, England
Application October 12, 1945, Serial No. 622,073
In Great Britain July 24, 1944
4 Claims. (Cl. 93—93)



2. A device for automatically inserting marking strips in piles of sheets at predetermined numbers arranged to be associated in driving connection with the machine delivering the sheets it is desired to count, comprising in combination a roll of paper in strip form, means actuated by the associated machine for drawing said strip intermittently through the machine, means for cutting the strip into predetermined lengths, a horizontally rotatable device carrying part of said cutting means said device also serving for holding, delivering and placing the cut lengths of strip on top of a pile of sheets delivered by the associated machine, means for resetting and repositioning said rotatable holding and delivery device into its operative position to cut a further length from said strip and hold same until a further predetermined number of sheets have been delivered by the associated machine, said resetting and positioning means being actuated and controlled by a switch-over mechanism embodying a spindle having a partial rotative movement in two directions effected by a rocker element and an axial movement in two directions imparted by a ratchet mechanism, a pre-setting mechanism for controlling the sequence of movements, and a plurality of electrical contacts actuated by said pre-setting mechanism serving to establish a circuit through a battery and electromagnets and thereby regulating the periodic delivery of the strips.

2,452,139
METHOD OF PREPARING URANIUM DEUTERIDE
Amos S. Newton, Ames, Iowa, assignor to the United States of America as represented by the United States Atomic Energy Commission
Application July 22, 1944, Serial No. 546,179
7 Claims. (Cl. 23—204)

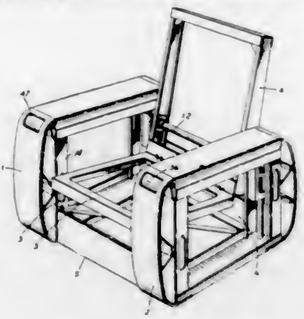


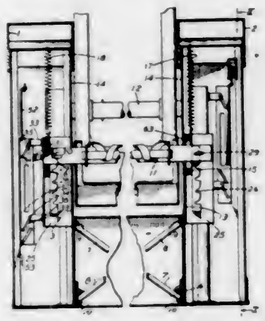
7. A method of preparing uranium deuteride which comprises introducing a composition in which the preponderant liquid aqueous component is deuterium oxide into a closed system having three zones communicating in series, introducing a reducing metal into the second zone and uranium metal into the third zone, heating the deuterium oxide whereby deuterium oxide vapor is generated and forced into the second zone, heating the second zone to cause interaction of the reducing metal with the vapor and generate deuterium gas which is forced by the incoming vapor into the third zone and heating the third zone to react the deuterium with the uranium.

2,452,140
ADJUSTABLE CHAIR
Charles Maxwell Roscoe de Buire Panter, Harlington, England, assignor to Shrager Bros. Limited, London, England
Application May 7, 1946, Serial No. 667,874
In Great Britain May 7, 1945
3 Claims. (Cl. 155—118)

1. An adjustable chair comprising a framework embodying two side frames constituting the arms

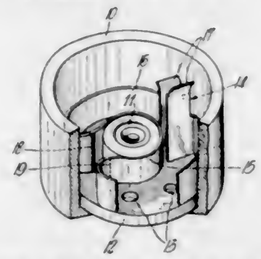
and sides of the chair, means for securing said frames in rigid relationship, a back frame and a seat frame hinged together, the back frame being pivoted adjacent the lower end thereof and the seat frame being pivoted adjacent its front end, on tubular supporting members each of which is





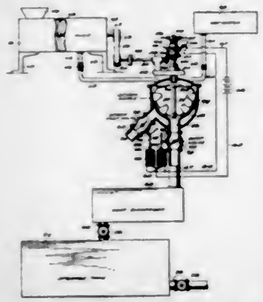
provided with a spring controlled rod furnished with cross pins for engaging a rack element secured in the side frames, and means mounted in said side frames for actuating said spring controlled rods to effect the release of the cross pins thereon from said rack elements when it is desired to vary the position of the seat and back frames.

2,452,141
DIE HOLDER
Joseph R. Pasdertz, Joliet, Ill.
Application October 29, 1947, Serial No. 782,883
8 Claims. (Cl. 51—217)



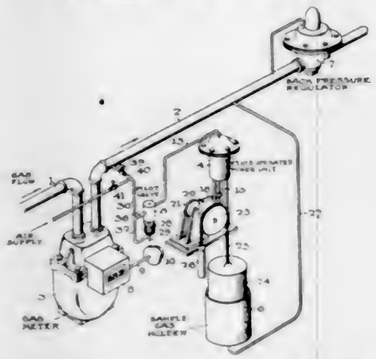
1. A holder for positioning wire drawing dies in a cylindrical cup during grinding or lapping thereof comprising an elastic member having a die encompassing convolution, a cup engaging convolution, and means adapted to be manually gripped for inserting and removing the die holder and die from the cup.

2,452,142
VISCOSITY CONTROL
Joseph S. Pecker, Philadelphia, Pa., assignor of one-half to Anne G. Pecker, Philadelphia, Pa.
Application December 23, 1942, Serial No. 469,951
12 Claims. (Cl. 127—28)



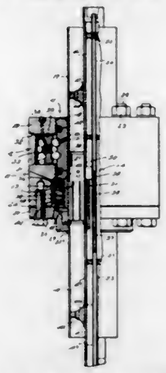
1. In means for controlling the viscosity of mixtures treated in a steam kettle including a chamber for containing said mixtures, in combination, normally operative means for heating said chamber, valve means normally closed and operating to retain said mixtures in said chamber, agitation means in said chamber, a power train for operating said agitation means including an overload clutch responsive to a predetermined degree of resistance to the operation of said agitation means to open said power train and to simultaneously open said valve means and for rendering said heating means inoperative.

2,452,143
FLUID SAMPLING SYSTEM
Joseph A. Pellettere, Pittsburgh, Pa., assignor to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 26, 1947, Serial No. 788,216
9 Claims. (Cl. 73—421.5)



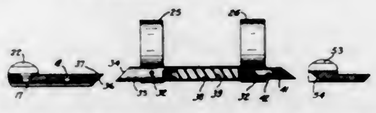
1. A device for incrementally accumulating a composite sample of gas from a flowing stream thereof comprising a gas conduit adapted to convey a flowing stream of gas, pressure regulating means to maintain substantially uniform pressure in said gas conduit, a meter interposed in said gas conduit, a gas holder to receive the desired sample, a sampling tube connecting said gas conduit and said gas holder, a power unit adapted to increase the capacity of said gas holder by a fixed increment at each actuation of the power unit, a pilot valve to supply energizing force to the said power unit and means operatively controlled by the said meter to actuate the pilot valve each time a predetermined volume of gas passes through the said meter.

2,452,144
ELECTRICAL SWING JOINT
Dwight M. Phillips, Fullerton, Calif., assignor to Chiksan Tool Company, Brea, Calif., a corporation of California
Application July 28, 1943, Serial No. 496,442
1 Claim. (Cl. 174—21)



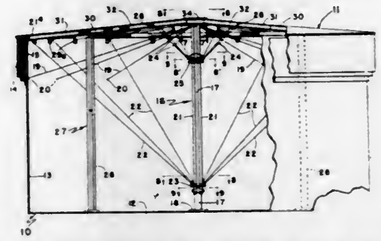
An electrical connection including two tubular sections, outer tubular conductors rigid with the sections with their ends spaced apart, means connecting the sections for relative turning, a contact sleeve between the ends of the conductors and fixed in one section and engaging in the other section, and means for sealing between the sections including an assembly of chevron type sealing rings sealing between telescoping parts of the sections and in communication with the space between the ends of the conductors to be actuated by fluid pressure from said conductors.

2,452,145
TELESCOPE SIGHT MOUNTING
Ralph H. Pike, Kalispell, Mont.
Application June 25, 1946, Serial No. 679,155
2 Claims. (Cl. 33—50)



1. Means for detachably mounting a telescope, having a tube upon the upper side of a firearm having a barrel, comprising spaced front and rear saddles mounted on said firearm, each of said saddles having a pair of spaced shoulders thereon formed to engage the telescope tube and support said telescope in a fixed position of alignment with respect to said barrel, a base member on said telescope having at its rear end a spring-pressed plunger, cooperating flat faces on said front saddle and the front of said base, a V-shaped angular face on said rear saddle and a cooperating arcuate angular face on said plunger, said four cooperating faces being so oriented that when the telescope is mounted on the firearm with the base located between the saddles the pressure of the spring-pressed plunger tends to urge the tube into contact with the spaced shoulders of the saddles.

2,452,146
TANK TOP
Fred L. Plummer, Warren, Pa., assignor to Hammond Iron Works, Warren, Pa., a corporation of Pennsylvania
Application October 5, 1944, Serial No. 557,288
4 Claims. (Cl. 48—176)

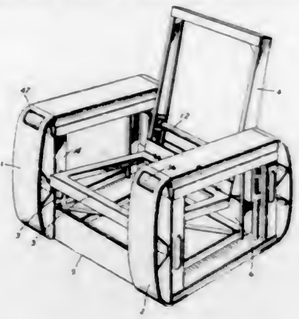


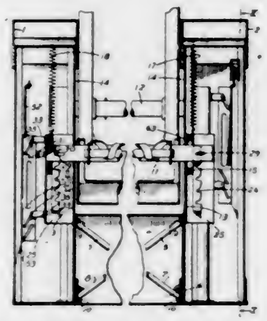
1. A tank construction having a tank, a cover vertically movable in sealing relationship with the tank providing a variable gas-holding space, and means for stabilizing the cover during its vertical movement comprising a stationary guide member upstanding in the tank, a movable guide member carried by the cover and having telescopic engagement with the stationary guide member whereby one of said guide members becomes the surrounding one and the other guide member becomes the surrounded one, the surrounded guide member having a first pair of vertical guide faces parallel to and opposing each other as well as a second pair of vertical guide faces parallel to and opposing each other extending at right angles to said first pair of guide faces, the surrounding guide member having vertical openings adapted to have extend therethrough radial stay members hereinafter defined, a first set of stay members cover, the stay members of the surrounded guide member to the tank wall, a second set of stay members extending radially from the movable guide member to the marginal portion of the cover, the stay members of the surrounded guide member extending through the vertical openings of the surrounding guide member, a first set comprising an upper and a lower pair of anti-friction rollers mounted upon the surrounding guide member and engaging said first pair of guide faces, and a second set comprising an upper and a lower pair of anti-friction rollers mounted upon the surrounding guide member and engaging said second pair of guide faces.

2,452,147
TRAINING MECHANISM FOR FIREARMS
Frank W. Reinhold, Beverly, and John J. Maciejowski, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application May 9, 1945, Serial No. 592,864. Divided and this application March 19, 1947, Serial No. 735,772
2 Claims. (Cl. 89—41)

1. In a firearm, a support freely rotatable in azimuth, a gun freely rotatable in elevation upon the support, and means constructed and arranged to enable a gunner to move the gun manually in elevation with relation to the support, said means comprising a lever, a bracket which is carried by the lever and is securable in at least two different operative positions upon said lever, a rack secured to said support, and a pinion and a crank therefor both rotatably mounted in the bracket, said pinion when the bracket is in one of its operative positions upon the lever being in meshing

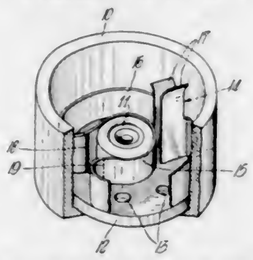
and sides of the chair, means for securing said frames in rigid relationship, a back frame and a seat frame hinged together, the back frame being pivoted adjacent the lower end thereof and the seat frame being pivoted adjacent its front end, on tubular supporting members each of which is





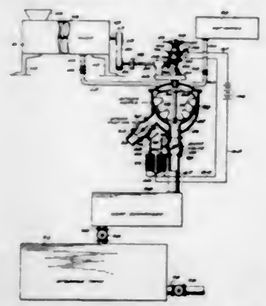
provided with a spring controlled rod furnished with cross pins for engaging a rack element secured in the side frames, and means mounted in said side frames for actuating said spring controlled rods to effect the release of the cross pins thereon from said rack elements when it is desired to vary the position of the seat and back frames.

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Joseph R. Pasdertz, Joliet, Ill.
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8 Claims. (Cl. 51—217)



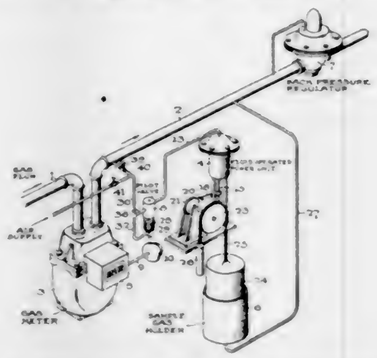
1. A holder for positioning wire drawing dies in a cylindrical cup during grinding or lapping thereof comprising an elastic member having a die encompassing convolution, a cup engaging convolution, and means adapted to be manually gripped for inserting and removing the die holder and die from the cup.

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12 Claims. (Cl. 127—28)



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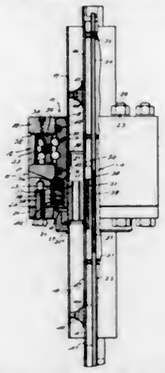
2,452,143
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Application November 26, 1947, Serial No. 788,216
9 Claims. (Cl. 73—421.5)



1. A device for incrementally accumulating a composite sample of gas from a flowing stream thereof comprising a gas conduit adapted to convey a flowing stream of gas, pressure regulating means to maintain substantially uniform pressure in said gas conduit, a meter interposed in said gas conduit, a gas holder to receive the desired sample, a sampling tube connecting said gas conduit and said gas holder, a power unit adapted to increase the capacity of said gas holder by a fixed increment at each actuation of the power unit, a pilot valve to supply energizing force to the

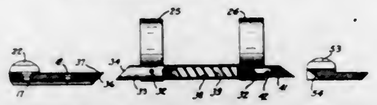
said power unit and means operatively controlled by the said meter to actuate the pilot valve each time a predetermined volume of gas passes through the said meter.

2,452,144
ELECTRICAL SWING JOINT
Dwight M. Phillips, Fullerton, Calif., assignor to Chiksan Tool Company, Brea, Calif., a corporation of California
Application July 28, 1943, Serial No. 496,442
1 Claim. (Cl. 174—21)



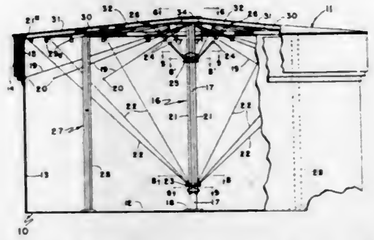
An electrical connection including two tubular sections, outer tubular conductors rigid with the sections with their ends spaced apart, means connecting the sections for relative turning, a contact sleeve between the ends of the conductors and fixed in one section and engaging in the other section, and means for sealing between the sections including an assembly of chevron type sealing rings sealing between telescoping parts of the sections and in communication with the space between the ends of the conductors to be actuated by fluid pressure from said conductors.

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TELESCOPE SIGHT MOUNTING
Ralph H. Pike, Kalispell, Mont.
Application June 25, 1946, Serial No. 679,155
2 Claims. (Cl. 33—50)



1. Means for detachably mounting a telescope, having a tube upon the upper side of a firearm having a barrel, comprising spaced front and rear saddles mounted on said firearm, each of said saddles having a pair of spaced shoulders thereon formed to engage the telescope tube and support said telescope in a fixed position of alignment with respect to said barrel, a base member on said telescope having at its rear end a spring-pressed plunger, cooperating flat faces on said front saddle and the front of said base, a V-shaped angular face on said rear saddle and a cooperating arcuate angular face on said plunger, said four cooperating faces being so oriented that when the telescope is mounted on the firearm with the base located between the saddles the pressure of the spring-pressed plunger tends to urge the tube into contact with the spaced shoulders of the saddles.

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4 Claims. (Cl. 48—176)

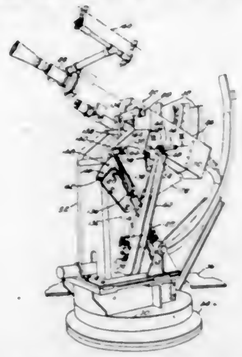


1. A tank construction having a tank, a cover vertically movable in sealing relationship with the tank providing a variable gas-holding space, and means for stabilizing the cover during its vertical movement comprising a stationary guide member upstanding in the tank, a movable guide member carried by the cover and having telescopic engagement with the stationary guide member whereby one of said guide members becomes the surrounding one and the other guide member becomes the surrounded one, the surrounded guide member having a first pair of vertical guide faces parallel to and opposing each other as well as a second pair of vertical guide faces parallel to and opposing each other extending at right angles to said first pair of guide faces, the surrounding guide member having vertical openings adapted to have extend therethrough radial stay members hereinafter defined, a first set of stay members cover, the stay members of the surrounded guide member to the tank wall, a second set of stay members extending radially from the movable guide member to the marginal portion of the cover, the stay members of the surrounded guide member extending through the vertical openings of the surrounding guide member, a first set comprising an upper and a lower pair of anti-friction rollers mounted upon the surrounding guide member and engaging said first pair of guide faces, and a second set comprising an upper and a lower pair of anti-friction rollers mounted upon the surrounding guide member and engaging said second pair of guide faces.

2,452,147
TRAINING MECHANISM FOR FIREARMS
Frank W. Reinhold, Beverly, and John J. Maciejowski, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application May 9, 1945, Serial No. 592,864. Divided and this application March 19, 1947, Serial No. 735,772
2 Claims. (Cl. 89—41)

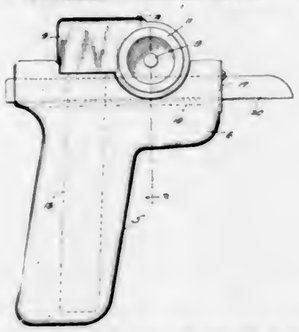
1. In a firearm, a support, freely rotatable in azimuth, a gun freely rotatable in elevation upon the support, and means constructed and arranged to enable a gunner to move the gun manually in elevation with relation to the support, said means comprising a lever, a bracket which is carried by the lever and is securable in at least two different operative positions upon said lever, a rack secured to said support, and a pinion and a crank therefor both rotatably mounted in the bracket, said pinion when the bracket is in one of its operative positions upon the lever being in meshing

engagement with the rack and when the bracket is in another operative position upon the lever



being held in an inoperative position away from said rack.

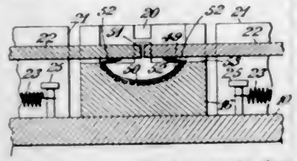
2,452,148
ADJUSTABLE KEYHOLE SAW
Curtis Lee Rhodes, Ripley, W. Va.
Application October 23, 1945, Serial No. 624,074
2 Claims. (Cl. 145—108)



2. In a hand saw, a handle having a saw blade receiving slot one side wall of which is formed with a notch, a yieldable saw clamp plate positioned within said blade receiving slot, a flange formed along one edge of the plate and being fitted in the notch, securing the plate against twisting, one end of the plate being curved downwardly to contact said one side wall of the saw blade receiving slot, a bolt extending transversely through the handle slot and plate, said plate adapted to clamp the saw blade against said one side wall of the saw blade receiving slot, and a nut on the bolt adapted to engage the saw plate moving the saw plate into clamping engagement with the saw blade positioned in the slot.

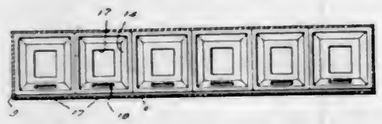
2,452,149
METHOD AND APPARATUS FOR COVERING A SCALE FOR THE HANDLE OF A POCKET KNIFE
Paul Richartz, Sheffield, England
Application September 22, 1945, Serial No. 617,997
4 Claims. (Cl. 18—19)

1. An apparatus for covering a scale for a pocket knife with deformable sheet material, comprising a press, a mould having a cavity shaped to fit said scale and so that the edges of the scale lie beneath the face of the mould by an amount greater than the thickness of the sheet material, a reciprocable press tool vertically operated by said press and adapted to force said sheet material backed by the scale into the mould, said press tool having a width equal to the width of the scale to contact the entire width of the scale during the pressing operation and said material having its marginal edges projecting from the mould, laterally slidable shutters movable horizontally and associated with said mould to engage said marginal edges, means for applying reciprocable movement to said shutters so that they slide on the surface of said mould into engagement with the marginal edges of the material, and means for applying reciprocable movement to said shutters, and means for heating said mould.



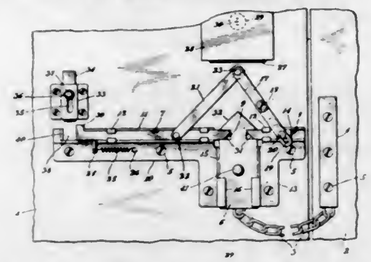
4. A method of covering a scale for a pocket knife with deformable sheet material which consists in placing the sheet material over the cavity in a mould shaped to the contour of the scale, placing the scale on the sheet material over the cavity, vertically moving a press tool on the scale and sheet material to force them into the cavity and thereafter moving the press tool out of the cavity, said material being so dimensioned that its marginal edges project away from the mould and from the edges of the scale, applying lateral forces to said marginal edges by horizontally movable shutters over an area spaced away from the edges of the scale by an amount greater than the thickness of the material to bend the material over the edge without excessive stretching, and vertically moving the press tool against the bent sheet material to apply pressure on the bent over marginal portions in a direction towards the face of the scale to force the marginal edges against the inside of the scale.

2,452,150
EGG CARTON
Wesley J. Roberts, North Little Rock, Ark.
Application June 19, 1945, Serial No. 600,343
5 Claims. (Cl. 229—15)



1. A packing container for shipping, storing and candling eggs comprising an elongated carton having a plurality of openings in the front wall thereof uniformly spaced apart longitudinally of said wall, and an equal number of similarly spaced-apart openings in the bottom wall thereof, and a plurality of individual egg trays disposed in side-by-side arrangement in said carton, each of said individual trays comprising four downwardly-converging inner walls, outer walls and a bottom, said bottom having an opening therein registering with a corresponding opening in the bottom wall of said carton and one of said inner walls and the adjacent outer wall having registering openings therein registering with a corresponding opening in the front wall of said carton.

2,452,151
CHAIN AND LOCK MECHANISM
Bert D. Robins, New York, N. Y.
Application January 21, 1947, Serial No. 723,411
7 Claims. (Cl. 70—93)



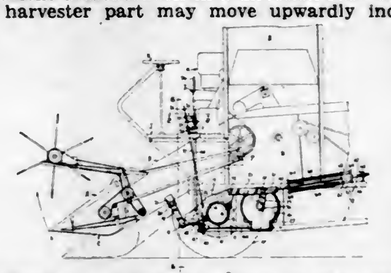
1. Lock mechanism comprising a member for the inner face of a door or the like, a flexible element to attach said member to a fixed structure adjacent said door, movable means on the door to engage said member and hold it in securing position, said means including a pair of slidable bolts, one at each side of the member, and movable parts connecting said bolts so that they move in unison.

2,452,152
PROCESS OF FORMING POLYVINYL FORMAL COATINGS ON TEXTILES
James Henry Rooney, John Henry Sharphouse, and Philip Richard Hawtin, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application December 31, 1943, Serial No. 516,530. In Great Britain January 25, 1943
7 Claims. (Cl. 117—76)

6. Process for the production of a textile fabric which is resistant to penetration by mustard gas and by water, which comprises spreading an aqueous solution of polyvinyl alcohol on a single-layer cellulose fabric, removing water by evaporation whereby an adherent film of polyvinyl alcohol is formed on the fabric, treating the film with a dilute solution of formaldehyde and an inorganic acid as catalyst in aqueous acetone containing 2 to 3 volumes of acetone for each volume of water, the amount of formaldehyde used being such that 20%–45% of the hyroxyl groups in the polyvinyl alcohol are acetalized, and, while its moisture content is high, providing on both sides of the material so produced a coating consisting of a water-insoluble soap.

2,452,153
HARVESTER PLATFORM ADJUSTING MEANS
Martin Ronning, St. Louis Park, and Kenneth M. Keith, Minneapolis, Minn., assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn., a corporation of Delaware
Application December 31, 1943, Serial No. 516,564
8 Claims. (Cl. 56—208)

1. In a combine having a harvester part mounted for up and down adjustments, means for raising and lowering the harvester part comprising an arcuately movable member mounted on the combine and connected by a link to the harvester, a rotary operating member for oppositely adjusting said movable member to thereby raise and lower the harvester part, and means forming a lost motion connection between the said members and permitting limited relative movement therebetween in a direction such that the harvester part may move upwardly inde-

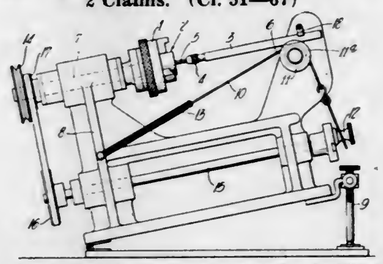


pendently of the rotated position of said rotary operating member.

2,452,154
BROMINATION
John Ross, Ramsey, N. J., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware
No Drawing. Application April 15, 1942, Serial No. 439,103
10 Claims. (Cl. 260—593)

1. The process of brominating organic compounds which comprises reacting bromine with an organic compound in liquid sulphur dioxide.

2,452,155
WORKING THE DIE HOLE CONTOUR OF A WIRE DRAWING DIE
Walter Rybicki, Garfield Heights, Ohio
Application July 7, 1945, Serial No. 603,673
2 Claims. (Cl. 51—67)

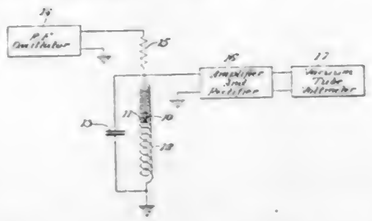


2. A machine including means for holding and rotating a wire drawing die about its axis in a tilted position, a spindle having an end for mounting a tool for working the die hole contour of said die, a reciprocating surface spaced opposite the face of said die at an elevation holding said spindle tilted when said tool is mounted by said end and is resting in said die hole and said spindle is resting on said surface, said surface comprising a length of flexible material bent around a wheel rotatively journaled by said frame at right angles to said spindle, and means for reciprocating said length of flexible material, said wheel being positioned so that when said spindle is resting tangentially on said length bent therearound said spindle is held as described.

2,452,156
FLOAT POSITION INDICATOR
Donald S. Schover, Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission
Application September 24, 1945, Serial No. 618,356
5 Claims. (Cl. 177—351)

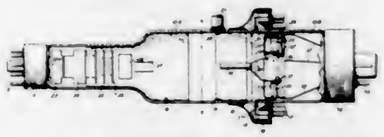
5. An electrical indicating system comprising a displaceable member the position of which is to be

indicated, a radio frequency oscillator, a resonant circuit including a condenser and an inductance coil connected to said oscillator, and means responsive to variations in the I. R. drop across said resonant circuit, the displaceable member including a metal portion movable axially



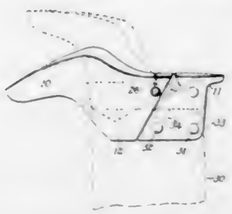
of the inductance coil, and said coil having along its entire length a variable number of turns per unit length so as to provide a straight-line relationship between the I. R. drop across the resonant circuit and the position of the displaceable member.

2,452,157
ELECTRON DISCHARGE APPARATUS
Raymond W. Sears, West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 10, 1947, Serial No. 760,012
16 Claims. (Cl. 315—21)



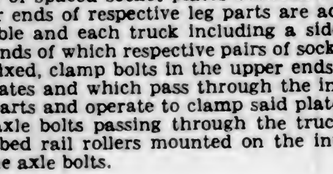
1. Electron discharge apparatus comprising a plurality of targets arranged in two adjacent rows, the targets in the two rows being in staggered relation, means for projecting an electron beam toward said targets, and means for deflecting said beam to sweep it successively over adjacent targets in said two rows.

2,452,158
SHOE FORM
Paul W. Senfleben, Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application October 31, 1947, Serial No. 783,293
5 Claims. (Cl. 12—124)



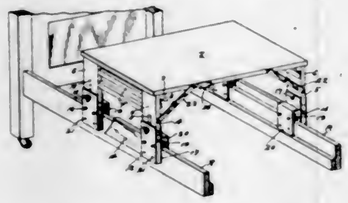
1. A last comprising a forepart having a heightwise cleft in its rear end, an individual heel part having a tongue rigidly related thereto and extending into said cleft, and a pivot member having two spaced bearing portions and a smaller portion connecting them, said tongue having a slot narrower than said bearing portions through which said smaller portion extends, and the forepart having a bore in which said bearing portions are seated.

2,452,159
SPECTACLES WITH READILY REMOVABLE LENSES
Giltner S. Small, Sacramento, Calif.
Application May 28, 1945, Serial No. 596,171
6 Claims. (Cl. 88—41)



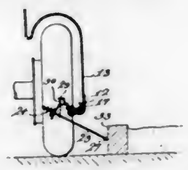
2. In spectacles with removable lenses having lens frames and temples hinged thereto, a shoulder in each lens frame for supporting a lens therein, a flange at one side of the frame for retaining the lens against the shoulder, and a slidably mounted retaining member carried by the temple hinge structure at the opposite side of the frame adapted to project over an edge of the lens to retain it against the shoulder and to be retracted to a position permitting removal of the lens.

2,452,160
SHIFTABLE BED RAIL TABLE
Roman L. Smith, Los Angeles, Calif.
Application June 30, 1945, Serial No. 602,543
4 Claims. (Cl. 311—26)



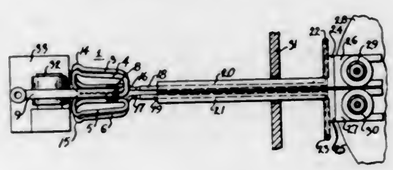
1. A bed table including a top element to be transversely mounted over a bed, pairs of coplanar, spaced and rigidly connected leg parts and which pairs are hingedly connected at their upper ends to the ends of said element to be folded inwardly thereunder when not in table use, foldable, stabilizing braces connecting said element and the leg parts, means to fasten the leg parts in infolded position to the said element, and a pair of bed rail trucks including upright pairs of spaced socket plates between which the lower ends of respective leg parts are adjustably slidable and each truck including a side bar on the ends of which respective pairs of socket plates are fixed, clamp bolts in the upper ends of pairs of plates and which pass through the interposed leg parts and operate to clamp said plates thereon, axle bolts passing through the truck plates, and bed rail rollers mounted on the inner ends of the axle bolts.

2,452,161
PARKING GUIDE
Harold B. Squires, Los Angeles, Calif.
Application January 23, 1948, Serial No. 3,991
2 Claims. (Cl. 116—28)



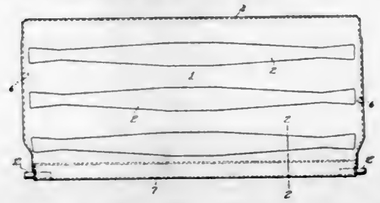
2. A parking guide for vehicles wherein the vehicle has a fender, a clamp structure for attachment to the lower edge of the fender, said clamp structure being provided with an inclined depending plate having an opening therein, an elongated parking guide rod, slidably disposed through the opening, a coiled compression spring, having one end secured to the top side of the inclined plate and its upper end secured to the adjacent end of the guide rod, said clamp structure being provided with a riser and a tension spring, having one end secured to the riser and its other end supporting a medial portion of said rod.

2,452,162
INDUCTION HEATING COIL
Robert J. Stanton, Brooklyn, and Christopher Lowry, New York, N. Y., assignors to Induction Heating Corp., New York, N. Y., a corporation of New York
Application September 6, 1945, Serial No. 614,688
1 Claim. (Cl. 219—47)



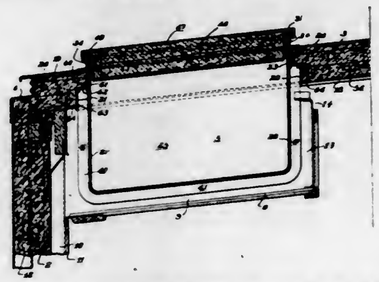
An induction heating coil comprising a length of tubular conductor wound in a plurality of generally helical spaced convolutions of approximately the same dimensions, said convolutions merging into one another in succession continuously from one end of the conductor to the other, a plurality of such convolutions being arranged substantially parallel to a first plane, another plurality thereof being arranged substantially parallel to a second plane intersecting the first and forming thereby a dihedral angle adapted to receive therein a portion of an object to be heat treated, said convolutions all having substantially straight portions disposed in substantially parallel positions along a third plane which is parallel to the line of intersection of said first and second planes, at least four of such parallel portions thus being provided along said third plane for generally conforming to a surface portion of said object to be heated, the remaining portions of the convolutions diverging from said plane at either side along said first and second planes, and a pair of high frequency energizing terminals connected respectively to the ends of said conductor at the first and last of the successive convolutions.

2,452,163
DROP ENDGATE FOR RAILWAY CARS
James S. Swann, Homewood, Ill., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application November 1, 1944, Serial No. 561,350
11 Claims. (Cl. 105—258)



1. A sheet metal panel adapted to form a load retaining means of a railway car comprising a metallic sheet having a main portion provided with an inwardly projecting side flange, a channel-shaped stiffener having one flange thereof secured to said side flange and the other flange thereof secured to the inside of said sheet in spaced relation to said side flange to form a hollow reinforcing member, the web of said stiffener being arcuate, a pintle secured within the arcuate web of said stiffener and extending laterally therebeyond to form a journal to pivotally attach said panel on a railway car, and means for closing the ends of said member around said pintle.

2,452,164
REFRIGERANT CONTAINER CONSTRUCTION FOR RAILWAY REFRIGERATOR CARS
Alfred L. Thompson, Munster, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application November 13, 1946, Serial No. 709,619
13 Claims. (Cl. 62—17)



1. A refrigerant container for use in a railway car having spaced carlines and spaced purlins secured together to form a frame and roof sheets supported by said frame; said container comprising vertical side walls and vertical end walls and a bottom, the distances over the side walls and end walls, respectively, of the container being substantially the same as the distances between the purlins and carlines, respectively, of the frame, and a reinforcing member straddling and secured to the upper margin of said walls and having a lateral flange overlapping the margin of said roof sheets supported by said frame, whereby the container may be installed in or removed from the car through the frame from the exterior of the car without disturbing the frame or roof sheets.

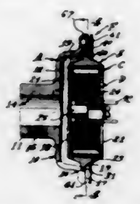
2,452,165
HETEROPOLYMER OF ISOPROPENYL ACETATE AND MALEIC ANHYDRIDE
Cornelius C. Unruh and William O. Kenyon, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application November 27, 1945, Serial No. 631,215
5 Claims. (Cl. 260—78.5)

1. A resinous heteropolymer of isopropenyl acetate and maleic anhydride, the molar ratio of isopropenyl acetate to maleic anhydride being 1:1.

2,452,166
ALKYLATION OF ISOBUTANE WITH ETHYLENE
Herbert E. Vermillion, Fishkill, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application October 26, 1945, Serial No. 624,951
2 Claims. (Cl. 260—683.4)

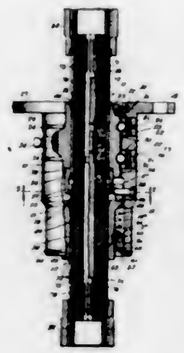
1. In the continuous alkylation of isobutane with ethylene in the presence of an alkylation catalyst consisting essentially of a major proportion of substantially anhydrous liquid HF and a minor proportion of BF_3, the improvement which comprises maintaining a body of substantially anhydrous liquid HF and hydrocarbons in a liquid filled reaction zone maintained under alkylating conditions including an operative acid to hydrocarbon volume ratio of at least about 0.8, continuously introducing a charge of isobutane in liquid phase and ethylene, with the isobutane in substantial molar excess of the ethylene, into said reaction zone, also continuously introducing along with the hydrocarbon feed into said reaction zone BF_3 at a rate of not more than 4 grams of BF_3 per pound of hydrocarbon charged, maintaining the temperature of said reaction zone within the range of −30 to 15° F., at a pressure of at least 150 pounds per square inch to keep the BF_3 absorbed in the liquid filled reaction zone mixture, continuously discharging a stream of hydrocarbon reaction products and recovering therefrom a total debutanized liquid alkylate containing at least 65% by volume of 2,3-dimethylbutane.

2,452,167
ROTARY HOOK
George R. Wainwright, Glendale, Calif., assignor, by mesne assignments, to William H. Maxwell, Los Angeles, Calif.
Application October 2, 1944, Serial No. 556,723
8 Claims. (Cl. 112—228)



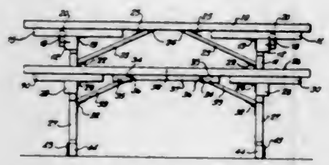
3. In a mechanism of the character described, a hook unit having a flange at its forward end, a bobbin case base supported in the unit at the flange, means carried by the flange yieldingly retaining the base in the unit, and a thread guard supported at the forward end of the unit and from the flange independent of said means.

2,452,168
SWIVEL TYPE COAXIAL CONNECTOR
Doyle Warren, Monrovia, Calif., assignor to Chiksan Tool Company, Brea, Calif., a corporation of California
Application March 1, 1945, Serial No. 580,390
6 Claims. (Cl. 173—324)



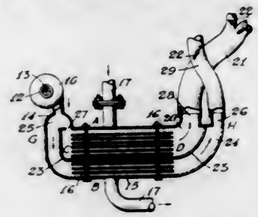
1. In a device of the character described, a coupling element having a longitudinal bore extending through it, a rotational element entering the coupling from one end and including a sleeve fitting the bore and a coupling part at the exterior of the coupling element, an annular row of ball bearings mounting the sleeve in the bore for rotation without axial movement, a rigid axially shiftable element entering the coupling from the other end and including a coupling part at the exterior of the coupling element and a sleeve fitting the bore, a part projecting from the coupling element into the bore and engaging the last mentioned sleeve holding it against rotation in the coupling, the rotational element having a central bearing ring projecting from its inner end and the axially shiftable element having a plurality of longitudinally disposed contact fingers projecting from its inner end and bearing in the ring, and means normally yieldingly urging the axially shiftable element inwardly in the coupling.

2,452,169
FOLDING PICNIC TABLE
Robert Wells, Kankakee, Ill.
Application September 26, 1946, Serial No. 699,538
6 Claims. (Cl. 155—123)



6. A combination foldable picnic table and seats, comprising a table top, guides upon opposite ends of the bottom thereof, legs having crossbars having means slidably engaging said guides, means cooperating between the guides and the cross-bars to maintain the legs in upright supporting positions, braces between the legs and the bottom of the table top, seats, legs hinged thereto, braces hinged to the seat legs and slidable at their inner ends, means carried by the bottom surfaces of the seats to engage said ends and hold the seat legs in supporting positions, base sections on said legs pivotally connected in line with the side edges of the table top and inner edges of the seats and simultaneously swingable inwardly in the same arc with the legs of the table top moving outwardly in the guides, the pivotal connection of the base section permitting the seats and their folded legs to be folded over the table top and its overlying legs, and means to connect the table top and seats in folded relation.

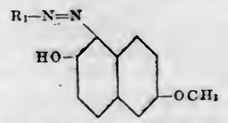
2,452,170
AIR HEATER FOR MOTOR VEHICLES
Clifton E. Wenger, Detroit, Mich.
Application November 25, 1946, Serial No. 712,136
3 Claims. (Cl. 257—241)



1. An air heater for use in and about closed vehicles propelled by an internal combustion engine, comprising in succession, a blower, an inlet header, an enclosed heating chamber, and a discharge header, the said headers and heating chamber being longitudinally divided into two separate air passages, one of which has a relatively large inlet and a relatively small outlet as compared with the other such passage, the sodivided heating chamber having disposed in each compartment thereof a plurality of thin metal plates, parallel to one another, said plates being spaced apart sufficiently to permit uninterrupted passage of air therebetween, and extending transversely across the heater and being in heat conducting contact with opposed walls thereof, one of which is externally adapted to fit snugly against the exhaust pipe of such a vehicle to transmit heat by conduction through said wall to the said thin metal plates.

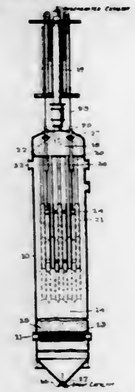
2,452,171
METALLIZABLE MONOAZO DYES
Fritz Straub, Kaiseraugst, Willy Widmer, Bottmingen, and Hermann Schneider, Riehen, Switzerland, assignors to Ciba Limited, a Swiss firm
No Drawing. Application April 28, 1944, Serial No. 533,248. In Switzerland December 22, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires December 22, 1962
4 Claims. (Cl. 260—197)

1. Azo dyestuffs of the general formula



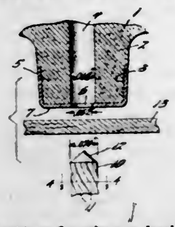
wherein R_1 stands for the radical of an ortho hydroxy diazo component of the benzene series.

2,452,172
METHOD FOR CATALYTIC CRACKING OF HYDROCARBON OILS
Herbert B. Willard, Port Arthur, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application October 17, 1945, Serial No. 622,812
4 Claims. (Cl. 196—52)



1. In a process of contacting hydrocarbons with solid catalytic material by continuously passing a stream of hydrocarbons through a moving bed of said catalyst, wherein active catalyst is continuously supplied to the top of said catalyst bed, spent catalyst is continuously withdrawn from the bottom of said catalyst bed, and the spent catalyst is regenerated and returned to the top of said catalyst bed, the improvements which comprise reducing the space velocity of the hydrocarbons through said catalyst bed by increasing the volume of the bed as the average activity of catalyst entering the catalyst bed diminishes, without interrupting the flow of hydrocarbons therethrough, while maintaining otherwise substantially uniform operating conditions throughout the process, thereby obtaining a substantially uniform rate of conversion and yield of products.

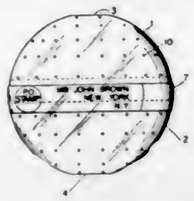
2,452,173
PLASTIC BUTTON
William A. Zwiebel, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a corporation of Connecticut
Application July 19, 1946, Serial No. 684,734
3 Claims. (Cl. 24—94)



3. A plastic button having a hub, said hub provided with a bore, a ferrule fitted over the free end of the hub, said ferrule provided with an opening in its closed face registering with the bore, the diameter of the opening in the ferrule being less than the diameter of the bore, together with a fluted tack whose root diameter is substantially that of the diameter of the opening in the ferrule but less than the diameter of the bore in the hub, whereby the material to which the

button is to be attached will be supported and cleanly cut when the tack is driven into the cloth and up into the bore during an attaching operation.

2,452,174
PACKAGING
Frank B. Arnold, New York, N. Y.
Application August 31, 1946, Serial No. 694,195
3 Claims. (Cl. 99—171)



1. A commercial package comprising a fruit and a container enclosing the same comprising two generally hemispherical, pre-formed, form-retaining halves meeting at their edge portions and secured together, said halves being made of strong, flexible, transparent, shock-resisting plastic material capable of withstanding handling and shipment by mail, and each having a number of holes distributed over the area thereof to permit the venting of gases and moisture and the breathing of the fruit, the inside of said enclosing container in contour and size being substantially the shape as the contour and size of the fruit which it encloses.

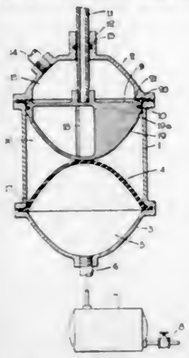
2,452,175
LINE SECURING DEVICE
Samuel Lawrence Atkins, New York, N. Y.
Application December 6, 1945, Serial No. 633,235
2 Claims. (Cl. 24—137)



1. A line securing device having a cross member, three spaced fingers extending in the same general direction from one side of and integral with said cross member, said fingers each having a groove at the end nearer said cross member and a tapered portion near the free end, the outer fingers being tapered on one side while the intermediate finger is tapered on the opposite side, the tapered portion on each finger being gradual and continuous in the same direction and substantially only on the side on which the groove is formed, the other side of the each finger opposite the tapered side being substantially straight and substantially perpendicular to the cross member.

2,452,176
FLUID PRESSURE CONTROLLED ACTUATOR
Arthur J. Bent, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application March 14, 1945, Serial No. 582,717
4 Claims. (Cl. 267—1)

1. A pneumatic actuator comprising a casing, a diaphragm in said casing defining therewith a pressure tight chamber, and a movable member disposed in said casing and having one side provided with a parabolic face adapted to progres-



sively engage the said diaphragm when the member moves theretoward.

2,452,177
MOP HOLDER WITH DUAL TAPE TENSIONING STRUCTURE
Gilbert E. Bodimer, Indianapolis, Ind.
Application October 16, 1944, Serial No. 558,816
3 Claims. (Cl. 15—147)

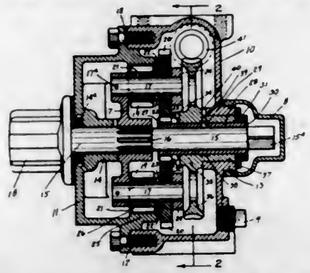


1. In a mop, an elongated base, a handle connected to and projecting beyond one side of said base intermediate the ends thereof, a mop head for engagement with said base on the opposite side thereof and extending to the ends of said base, a flexible loop member secured at its ends to the ends of said mop head, an abutment on said handle spaced from said base, the intermediate portion of said loop member engaged over said abutment, a helical member encircling and loosely fitting over said handle, the coils of said helical member threading upon said abutment, said helical member when rotated in one direction being moved upon said abutment in the direction of said base and drawing the portions of the loop member adjacent to said intermediate portion, toward said handle to tighten said mop head upon the base.

2,452,178
POWER TRANSMISSION SYSTEM
Dalmar T. Brownlee, Indianapolis, Ind., assignor to Chas. Drexler Co., Inc., Indianapolis, Ind., a corporation
Application May 25, 1944, Serial No. 537,209
10 Claims. (Cl. 74—305)

1. A power transmission including in combination a power driven meshing worm and wheel, a

planetary system including a ring gear, a sun gear, a pinion supporting member, and pinion means carried thereby and meshing with the sun gear and ring gear, a clutch connection between the sun gear and worm wheel, and a shaft for

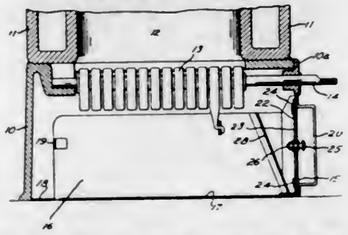


power applying purposes connected to and supporting the member, said shaft projecting through the axially aligned sun gear and worm wheel, said sun gear being slidable axially for clutch connection to and disconnection from the worm gear for the purpose described.

2,452,179
CHEMICAL CONVERSION OF SALT CONTAINING SOLUTIONS
Albert L. Bunting, Dearborn, Mich.
No Drawing. Application July 10, 1945, Serial No. 604,307
6 Claims. (Cl. 210—24)

1. A method of treating natural brines to remove therefrom the soluble halides and sulphates which comprises bringing the said brines into contact with the base exchange zeolitic material in which the exchange metals are silver and barium in such amounts as to supply cations capable of reacting with the halide and sulphate anions in the said natural brines to produce substantially insoluble reaction products therefrom, and thereafter separating the insoluble reaction products from the remaining solution of the starting brine.

2,452,180
COMBINED ASH RECEPTACLE AND DRAFT CONTROLLING DOOR FOR DOMESTIC WATER HEATERS, STOVES, AND THE LIKE
Daniel G. Burkert, Boyertown, Pa.
Application June 14, 1945, Serial No. 599,409
2 Claims. (Cl. 126—243)



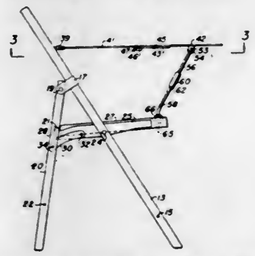
1. An ash pan for use in connection with water heaters, stoves, and the like having an ash pit provided with a front opening, comprising a device having a vertically disposed front plate which normally constitutes a closure for the front opening of the ash pit, a bottom plate and side walls extending from said front plate to form a scoop-like structure open at its inner end, the front plate being provided with apertures, means adapted to open and close said apertures, and a partition in the device adjacent the front plate to provide an unobstructed conduit for air passing through the apertures in the front plate.

2,452,181
SANITARY NAPKIN HOLDING MEANS
Edith Carpenter, Chicago, Ill.
Application December 19, 1945, Serial No. 635,921
1 Claim. (Cl. 2—315)



In a device of the class described, a napkin-holding means comprising two elastic supporting elements disposed substantially flat against the inner surface of a primary supporting member for body wear and located respectively one at the front and one at the rear of the supporting member, means on the free ends of said element for fastening each element to the supporting member, each element having the upper edge portions thereof converging downwardly from the free ends thereof to form a V, a depending elastic hanger suspended centrally from each of said supporting elements having a V-shaped seam in its upper end, the angles thereof being complementary to the angles of the V of said supporting element whereby said hanger will readily seat in said V of the supporting element and be slidable laterally on the upper edge thereof, and means on the free ends of said hangers to which the ends of a sanitary napkin may be attached.

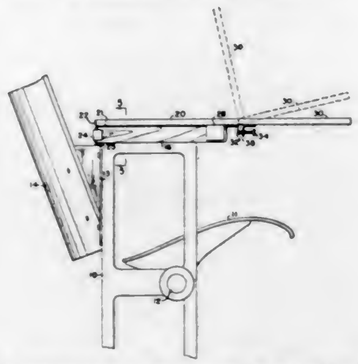
2,452,182
WRITING ARM FOR COLLAPSIBLE CHAIRS
William T. Clawson, Rock Hill, S. C.
Application May 15, 1946, Serial No. 669,955
3 Claims. (Cl. 155—125)



3. A collapsible chair having a main frame and rear legs pivotally secured to the main frame and a seat member pivotally secured to the main frame and pivotally secured to the rear legs, a writing arm, a bayonet slot in the main frame, a member mounted on the rear end of the arm and adapted to be releasably secured in the bayonet slot, a front corner of the seat member having a vertically disposed hole therein, a supporting arm pivotally secured to the front lower surface of the writing arm, and having its lower end shaped to fit into the hole in the seat, the support which is pivotally secured to the lower surface of the front portion of the writing arm comprising upper and lower portions pivotally secured to-

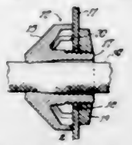
gether and a slidable cuff member disposed on said support for sliding over the pivotal point connecting the upper and lower portions of the support for holding the upper and lower portions of the support in aligned position.

2,452,183
DETACHABLE BOOK SUPPORT FOR CHAIRS
William T. Clawson, Rock Hill, S. C.
Application October 21, 1946, Serial No. 704,771
5 Claims. (Cl. 155—128)



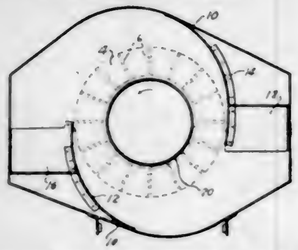
5. A detachable book support adapted to be removably attached to the arm of an opera chair, comprising means on the rear end of the book support for engaging the rear end, the two sides and the bottom surface of the arm, and means on the lower side of the support adapted to clampingly engage opposed sides of the opera chair arm for holding the support on top of the opera chair arm, the forward portion of support arm being separated from the rearward portion and having hinges connecting the two portions of the support together, whereby the forward portion can be pivoted upwardly out of the way of ingress and egress to the opera chairs when desired; the lower surfaces of the two portions of said support having each a bracket secured thereto and a bolt threadably mounted in one of the brackets and engaging the face of the other bracket for adjusting the angularity of the forward portion of the support relative to the rearward portion, which rests on the arm of the opera chair.

2,452,184
CONNECTOR
Dalton E. Cole, Chicago, Ill.
Application October 25, 1945, Serial No. 624,533
7 Claims. (Cl. 285—6.5)



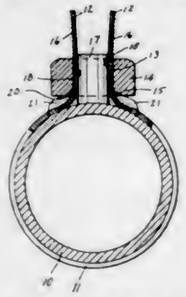
7. A connector adapted to anchor a conductor or cable to an apertured outlet box, comprising two cooperative units, one comprising a tapered recessed body portion having an annular flat shoulder at the base adapted to engage one side of the outlet box, said body portion being formed with a threaded nipple extending axially of the body portion and beyond the base thereof, and adapted to extend through the aperture in the outlet box, said body portion and its nipple having a hole extending therethrough of a diameter to permit insertion of the conductor or cable therethrough, and said tapered body portion having radially extending slots extending from the base to the nipple, with segments of the body portion disposed between the slots capable of flexing on the nipple, and the second unit comprising a nut threaded upon said nipple and adapted to bear against the opposite side of the outlet box, said nut when screwed up tight functioning to contract the smaller ends of the segments upon the conductor or cable.

2,452,185
FLUID PUMP
Tom Elleman, Toledo, Ohio, and Kenneth M. Cloud, Muskegon, Mich., assignors to Continental Motors Corporation, Muskegon, Mich., a corporation of Virginia
Application August 12, 1946, Serial No. 689,978
2 Claims. (Cl. 230—47)



1. A centrifugal pump comprising a rotatable shaft, an impeller mounted on the shaft for rotation therewith, a casing for the impeller having walls spaced from the impeller periphery, an auxiliary wall extending from a spaced wall to a point adjacent the impeller periphery and providing an involute air passage encircling half of said impeller, a second auxiliary wall extending from a spaced wall to another point adjacent the impeller periphery and providing a second involute air passage encircling the other half of said impeller, and a deflector associated with each auxiliary wall to cause fluid to flow out of the plane of the impeller, said casing enclosing said impeller, said involute air passages and said deflectors.

2,452,186
SADDLE CLAMP STRUCTURE
Omar L. Fluharty, Indianapolis, Ind.
Application January 17, 1947, Serial No. 722,727
11 Claims. (Cl. 24—19)



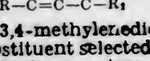
1. A clamp structure for a member to be clamped comprising in combination a strap adapted to substantially envelop the member and having free ends disposed in spaced relation substantially parallel to a perpendicular to the longitudinal central axis of the member, a saddle and post means having a post portion disposable between said ends and upon which the same may slide and elongated spaced portions adapted for member engagement and between which the strap is disposed, the opposite faces of the ends having threads thereon, and a nut threaded upon those ends, the post being of lesser cross-sectional area than the nut threaded bore.

2,452,187
SYNTHESIS OF NITRILES
William F. Gresham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application February 21, 1946, Serial No. 649,381. Divided and this application February 24, 1948, Serial No. 10,572
4 Claims. (Cl. 260—465.1)

1. A process for preparing nitriles of the formula $R(CN)n$, R being a hydrocarbon radical having from 1 to 8 carbon atoms, n being an integer from 1 to 2 inclusive, which comprises reacting ammonia with an aldehyde of the formula $R(CHO)n$ in the presence of a metallic cobalt catalyst at a temperature of about 275° to 500° C. and thereafter separating from the resultant reaction product the nitrile of the formula $R(CN)n$ produced by the said reaction.

2,452,188
METHYLENEDIOXYPHENYL COMPOUND AS INSECTICIDE AND PYRETHRIN SYNERGIST
Oscar F. Hedenburg, Pittsburgh, Pa., assignor, by mesne assignments, to Harold W. Moburg, Toledo, Ohio
No Drawing. Application February 27, 1943, Serial No. 477,444
6 Claims. (Cl. 167—33)

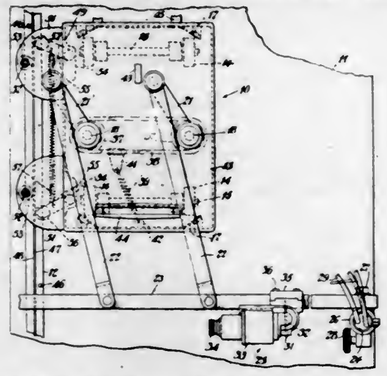
1. An insecticide and synergist for a pyrethrin insecticide having the general formula



in which R is the 3,4-methylenedioxyphenyl radical and R_2 is a substituent selected from the group consisting of the hydrogen atom and alkyl, aryl, aralkyl, alicyclic and heterocyclic radicals.

2,452,189
UNIVERSAL TORCH MACHINE
Richard F. Helmkamp, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, a corporation of New York
Application October 9, 1944, Serial No. 557,770
3 Claims. (Cl. 266—23)

1. A universal torch machine comprising a carriage having wheels adapted to run directly on a work-piece surface, a torch mounted on the carriage for lateral movement with respect thereto, a guiding strip adapted to be fastened to the work-piece and having two vertically disposed faces, a pair of rolls one of which is mounted near the front of the carriage and the other of which is mounted near the rear thereof, said rolls being arranged to engage one of the vertical faces of the guiding strip, a second roll cooperating with each of said first-named rolls and engaging the other vertical face of the strip, roll support arms for respectively carrying said last-named rolls and pivotally connected to the torch carriage for movement in a horizontal plane, and means directly connecting said roll support arms for maintaining

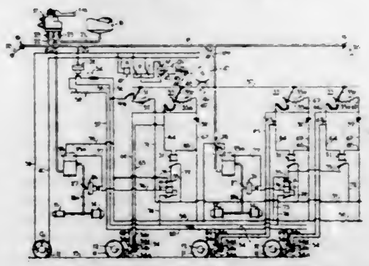


the rolls in substantially equalized, clutched relation with the guiding strip faces.

2,452,190
POLYMERIZATION OF OLEFINS
Stanford J. Hetzel, Cheltenham, and Robert M. Kennedy, Drexel Hill, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application October 30, 1945, Serial No. 625,693
8 Claims. (Cl. 260—683.15)

1. A process for the polymerization of ethylene which comprises contacting ethylene under polymerizing conditions with a catalyst consisting essentially of silica gel, alumina and a metal selected from the group consisting of nickel and cobalt.

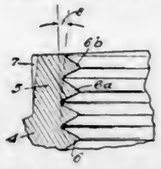
2,452,191
SPEED DIFFERENTIAL DETECTING APPARATUS
Claude M. Hines, Verona, and Carlton D. Stewart, Wilkinsburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Original application February 9, 1944, Serial No. 521,640. Divided and this application January 26, 1945, Serial No. 574,774
6 Claims. (Cl. 175—355)



1. Apparatus for detecting a differential in the rotational speed of two separate rotary elements comprising, in combination, a relay, means responsive to the rotational speed of one of said rotary elements for periodically energizing the relay at a corresponding frequency, means responsive to the speed of rotation of the other of said elements for correspondingly varying the drop-

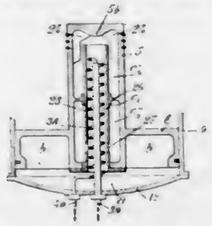
out time of the relay, the aforesaid means cooperating in such a manner that said relay is maintained picked-up so long as the rotational speed of said one rotary element does not reduce more than a certain amount below the rotational speed of the said other rotary element, and means controlled by said relay.

2,452,192
LOCK NUT
Richard T. Hosking, Chicago, Ill.
Application May 10, 1944, Serial No. 534,884
2 Claims. (Cl. 151—21)



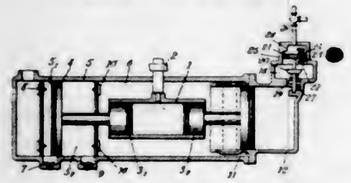
1. In combination with a threaded bolt, a nut threaded thereon, having a relatively thin-walled extension extending from the body thereof parallel with the axis of and interiorly threaded to engage the bolt, a plurality of angularly spaced indentations in the outer wall of the extension, increasing in depth axially from their initial point adjacent the body of the nut toward their greatest depth at the outer end of the extension, the threads on the interior of the extension being inwardly displaced in radial alignment with each indentation, a distance substantially equal to the radial depth of the corresponding part of the indentation.

2,452,193
FREE PISTON ENGINE COMPRESSED AIR ACCUMULATOR, VARIABLE VOLUME
Robert Huber, Paris, France, assignor to Raul Pateras Pescara, Lisboa, Portugal
Application November 2, 1945, Serial No. 626,249
In France November 18, 1944
13 Claims. (Cl. 123—46)



7. A free piston machine which comprises, in combination, a motor cylinder, a motor piston freely movable in said cylinder including a crown and a cylindrical hollow portion extending outwardly from said crown, a hollow piston carried by said cylindrical portion around the outer end thereof, means on the outer side of said last mentioned piston forming therewith a variable volume chamber in communication with the inside of said second mentioned piston, means for accumulating, during every outward stroke of said pistons, energy for producing the next inward stroke thereof, said last mentioned means including a gas cushion at least partly contained in the hollow portions of said pistons and said variable volume chamber, a tube having its outer wall at a distance from the inner wall of said cylindrical portion of the motor piston, carried by said last mentioned piston and extending inwardly to a short distance of said crown, said tube opening at its outer end into said variable volume chamber and at its inner end into the space inside said motor piston close to said transverse wall thereof, and a transverse annular partition between the outer wall of said tube and the inner wall of said cylindrical hollow portion of the motor piston, at an intermediate point of said tube, thus dividing the annular space between said tube and said portion of the motor piston into two compartments, the outer one of which is in communication with said variable volume chamber.

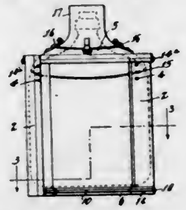
2,452,194
FREE PISTON MACHINE
Robert Huber, Paris, France, assignor to Raul Pateras Pescara, Lisboa, Portugal
Application December 21, 1945, Serial No. 636,444
In France December 26, 1944
4 Claims. (Cl. 230—56)



3. A free piston machine which comprises, in combination, a motor cylinder, at least one motor piston movable in said cylinder, at least one return energy pneumatic accumulator including a cylinder and a piston operatively connected with said motor piston so as to form with said last mentioned cylinder a chamber of variable volume acting as an air cushion, means for supplying said chamber, for the starting of the machine, with a mass of compressed gas greater than that present therein for normal working conditions, means forming a discharge space in communication with the end of said accumulator cylinder, and on the opposite side of said accumulator piston from said chamber, channel means formed in the wall of said accumulator cylinder and adapted to cooperate with said accumulator piston for connecting said chamber with said space, said space being for the connection period at a lower pressure than the pressure in said accumulator chamber for the same period during the starting of the engine, whereby said channel means gradually reduce the mass of gas in said accumulator to its normal working value after some starting oscillations of the motor piston, and means controlling the flow through said channel means whereby said flow in one direction is greater than the flow in the opposite direction.

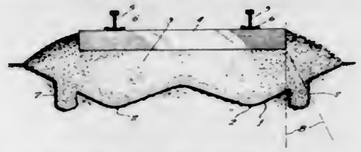
2,452,195
CRATE FOR WATER BOTTLES OR ACID CARBOYS
Carl Eugene Johnson, Alhambra, Calif.
Application October 11, 1944, Serial No. 558,130
4 Claims. (Cl. 215—12)

4. A crate for a bottle comprising a metal frame including a base member, four corner posts united to said base member, said corner posts having bases and side portions arranged to form a channel-shaped section, with the bases of the posts turned inwardly of the frame to provide contact-supporting members for the water bottle to be received by said frame, upper horizontal members interconnecting said posts, and a retaining ring having a plurality of extensions, and a plurality of apertures in said corner posts for



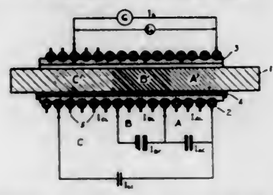
providing detachable connections for said extensions of said retaining ring.

2,452,196
METHOD OF STABILIZING ROADBEDS
William J. Kelley, Chicago, Ill.
Application November 8, 1945, Serial No. 627,323
2 Claims. (Cl. 238—2)



1. The method of stabilizing a railway road bed, while under traffic conditions, having ties resting on ballast in a basin-like subgrade, comprising: displacing some of the ballast and digging a deep, substantially continuous, channel-like trench through the upwardly and outwardly inclined face of the subgrade beyond the ends of the ties but within the bearing area of said ties, said trench having a cross sectional area at least as large as that of one of said ties; filling the trench with ballast; and adding new ballast to compensate for the ballast falling into the trench.

2,452,197
INDUCTION FURNACE FOR VARIABLE HEAT PATTERNS
Theodore R. Kennedy, Lower Makefield Township, Bucks County, Pa., assignor to Ajax Electrothermic Corporation, Trenton, N. J., a corporation of New Jersey
Application March 22, 1945, Serial No. 584,201
2 Claims. (Cl. 219—13)

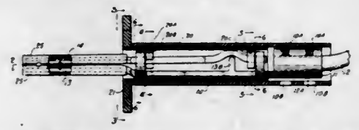


1. An induction furnace comprising a continuous unidirectional helical inductor winding adapted to surround a charge to be heated, said winding having taps arranged throughout its length, a main capacitor connected across substantially all of the charge enclosing portion of the winding, a source of alternating current energy connected across substantially the same turns of said winding as are connected by said main capacitor, and an auxiliary capacitor connected to certain of said taps across intermediate turns of said winding, the auxiliary capacitor being of a value which is proportional to the heating effect desired in the portion of the winding which it shunts, and the collective effect of all the capacitors being such as to produce substantial resonance with the shunted turns of the winding.

2,452,198
POLYMERIZATION OF OLEFINS
Robert M. Kennedy, Drexel Hill, and Stanford J. Hetzel, Cheltenham, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application October 30, 1945, Serial No. 625,694
6 Claims. (Cl. 260—683.15)

1. A process for the polymerization of olefins containing three or more carbon atoms per molecule which comprises contacting the olefins under polymerizing conditions with a catalyst consisting by weight of 80%–99.98% silica gel, 0.01%–10% alumina and 0.01%–10% of a metal selected from the group consisting of nickel and cobalt.

2,452,199
WELDING ELECTRODE HOLDER
John L. King, Detroit, Mich., assignor to Miracle Lubricating Company, Detroit, Mich., a corporation of Michigan
Application April 18, 1946, Serial No. 663,129
7 Claims. (Cl. 219—8)

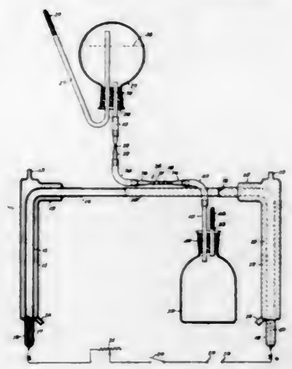


2. In a welding electrode holder, a pair of members provided at their forward ends with electrode holding jaws, a handle into which the rearward portions of said members extend, a fulcrum between said members adjacent their rearward ends, a cam located adjacent said fulcrum for acting on said members to swing open said jaws and a second cam located at a distance from said fulcrum and adapted to act on said members to swing closed said jaws.

2,452,200
TREATMENT OF POROUS MATERIAL
Hamline M. Kvalnes and Franklin S. Chance, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 16, 1945, Serial No. 588,720
5 Claims. (Cl. 117—148)

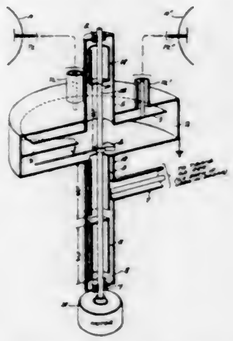
1. The method of loading the voids of uncomminuted porous materials with urea-formaldehyde reaction products which comprises soaking such porous material in an aqueous reagent containing as an essential ingredient a non-resinous urea-formaldehyde reaction product having from 2.5 to 4.0 mols of formaldehyde per mol of urea, said product being characterized in that it gives N,N'-dimethyloluron dimethyl ether upon etherification with methanol, said product being characterized further in that it has been prepared by mixing urea with 4 to 5 moles of aqueous formaldehyde per mole of urea, adjusting the pH of the mixture with alkali to from 7 to 10.5, heating the resulting mixture at a temperature of 100° to 200° F., and distilling water and excess formaldehyde from the resulting product under subatmospheric pressure.

2,452,201
STERILIZING LIQUIDS
Sidney Older Levinson and Franz Oppenheimer, Chicago, Ill., assignors to Michael Reese Research Foundation, Chicago, Ill., a corporation of Illinois
Application December 31, 1946, Serial No. 719,388
7 Claims. (Cl. 250—43)



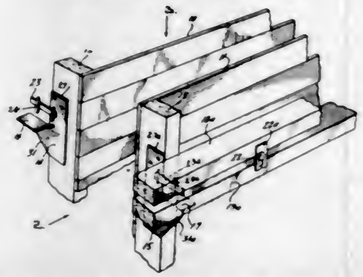
1. The process of sterilizing a solution of suspension without impairing potency or altering chemical or biologic activity which comprises subjecting it in a flowing film not over 3 mm. thick for a period of not more than 10 seconds to irradiation in which the energy between 2600 Å. and 2000 Å. is not less than 10 milliwatts per square centimeter and the energy below 2000 Å. is not less than 0.1 milliwatt per square centimeter.

2,452,202
RADIO-FREQUENCY DISTRIBUTOR APPARATUS
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application August 3, 1944, Serial No. 547,909
18 Claims. (Cl. 343—110)



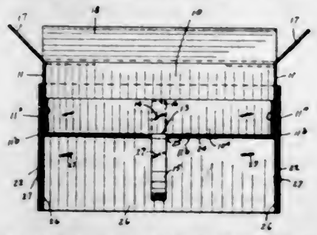
1. A radio frequency distributor comprising a resonant disc or plate, means for exciting said disc in a plurality of directions in its own plane, and a pair of channels connected to said disc at different spaced points, each of said points being a neutral point for the resonance effects caused by excitation at the other point.

2,452,203
CONCRETE FORM WALER BRACKET
Vincent J. Luppino, Hartford, Conn.
Application December 13, 1945, Serial No. 634,656
3 Claims. (Cl. 25—131)



1. In a bracket for separating a pair of horizontal vertically spaced upper and lower waler studs of a concrete form, a vertical plate, means to secure said plate to a vertical stud attached to a wooden concrete retaining wall, a horizontal shelf integral with said plate, and a spreader arm mounted on said plate on a horizontal pivot pin located above the top of said lower waler stud, for supporting said upper waler stud in spaced relation from said lower waler stud.

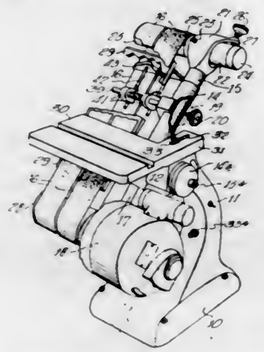
2,452,204
METHOD AND PACKING STRUCTURE FOR HIGH PACKING HANDLED BASKETS WITH FRUIT
James A. McCormick, Kalamazoo, Mich., assignor to Fruit and Produce Packing, Incorporated, Indianapolis, Ind., a corporation
Application January 22, 1944, Serial No. 519,316
6 Claims. (Cl. 226—17)



1. The method of packing fruits, vegetables, and the like in a handled container having bottom forming portions, consisting in inverting the container and nesting it in a receiving and supporting form of a depth at least as great as the height of the container handle, and apertured for handle reception, the container having its bottom opened when nested in said form and its handle extending through the aperture therein, packing said container through the open bottom thereof and while in inverted position, closing the portions and securing them in closed bottom position over the pack, inverting the form and packed container nested therein, and then removing the form from the packed container.

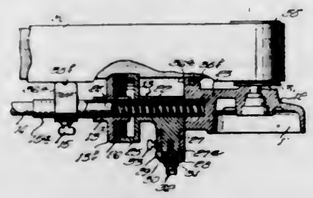
2,452,205
SANDING MACHINE
Herman S. Newton, Temple, Tex.
Application November 29, 1945, Serial No. 631,551
3 Claims. (Cl. 51—135)

1. A sanding machine including a base and stand, a spindle column consisting of telescopically related tubular members, the outer of said members being mounted intermediate its ends on said stand for oscillative movement through an arc of 90°; a motor and spindle mounted on one end of said column, a parallel companion spindle carried by the end of the inner tubular member of said column and capable of rotative and limited pivoted displacement thereon, sanding belts surrounding said spindles, driven by said motor, an arm having one end mounted rotatably on the outer of said telescopically related members and



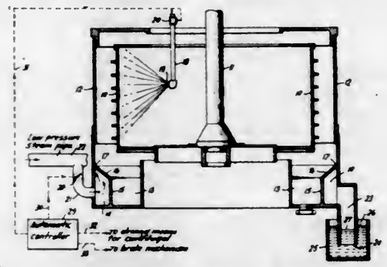
extending laterally therefrom between the leads of said sanding belts and having relatively spaced collars thereon, a pair of parallel shanks intermediate the leads of said belts, and adjustably retained by said collars, an arcuate shoe carried by each of said shanks, a torsion spring surrounding said arm and having its ends bearing on said shanks, for imposing individual tension on said belts by means of said shoes and means for rotating said arm to vary the tension imposed by said spring.

2,452,206
SANDING MACHINE
Herman S. Newton, Temple, Tex.
Application July 2, 1946, Serial No. 681,054
5 Claims. (Cl. 51—135)



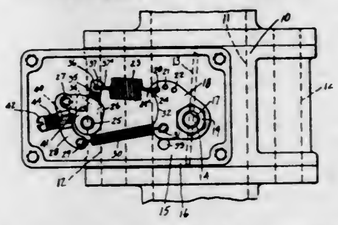
3. A polishing, abrading and sanding machine comprising an elongated body consisting of two telescopically related tubular members normally extended under spring compression, one of said members carrying a motor and having a lateral mounting member thereon on which said body is arranged to oscillate, a pulley on the shaft of said motor, a second pulley carried by the companion member whose shaft is parallel with that of said first pulley, an abrasive sheet surrounding said pulleys, a torsion spring surrounding said body to resist rotation thereof about its longitudinal axis, a second torsion spring embracing the lateral mounting member of said first tubular member for resisting oscillative displacement of said body transverse to its longitudinal axis.

2,452,207
FLUID PRESSURE OPERATED CURB SIRUP SEPARATOR
Charles A. Olcott, West Milford, N. J.
Application February 1, 1944, Serial No. 520,604
13 Claims. (Cl. 210—75)



1. The method of directing two liquids which successively flow through the same space in different time intervals into different ones of two containers, said containers being provided with directing means, which directing means and containers are so located with respect to each other and to said space that any liquid in said space normally flows therefrom into the first container only, which comprises applying a fluid pressure in the first container, during the time interval that the first of said liquids is flowing through said space, which is sufficiently high to deny said first liquid access to said first container and to act in cooperation with said directing means to cause said first fluid to flow into the second container, and thereafter reducing the fluid pressure, during the time interval that the second of said liquids is flowing through said space, to a value which is sufficiently low so that liquid access to said first container is no longer denied, whereby said second liquid flows into said first container.

2,452,208
VELOCITY GOVERNOR
Raymond Reger, Anderson, Ind., assignor to Pierce Governor Company, Anderson, Ind.
Application October 21, 1943, Serial No. 507,086
10 Claims. (Cl. 267—1)

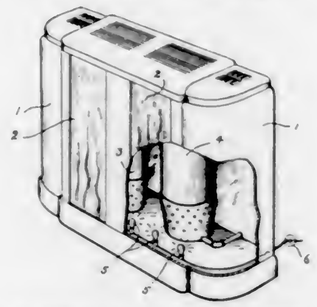


1. A spring resistance device comprising an arm responding to a variable force to be resisted, a second arm pivotally supported adjacent the first mentioned arm, an extensible spring connecting the arms together, and means, normally inextensible over the greater portion of the first mentioned arm movement in one direction, operatively connecting the arms together for simultaneous oppositely directed rotation of said arms, the second mentioned arm being of two-part character, said parts having pivotal connection therebetween and being normally collapsed together at all times, the last mentioned means being connected to one part and the extensible spring to the other part.

2,452,209
CELLULOSE ETHER PLASTICIZED WITH BIS(ALLYL LACTATE) MALEATE
Chessie E. Rehberg, Glenside, and Charles H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application August 12, 1944, Serial No. 549,244
2 Claims. (Cl. 106—182)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A plastic composition comprising a cellulose ether and a plasticizer therefor, said plasticizer consisting of bis(allyl lactate)-maleate.

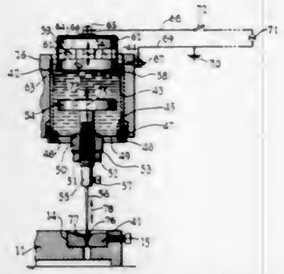
2,452,210
COMBINED ILLUMINATING AND RADIATING TYPE HEATER
Jesse J. Rogers, Duluth, Minn.
Application April 18, 1946, Serial No. 663,154
3 Claims. (Cl. 126—97)



3. In a heater of the type described, a casing including imperforate, flat, opaque, vertical front and rear and end walls, a floor, and a top having heat escape openings, the front of the casing including a vertically disposed, flat, transparent, vari-colored panel extending from top to bottom of the casing and in the same vertical plane of the front opaque wall, a vertically disposed heating means rising directly from the floor toward the top of the casing and positioned in spaced vertical parallelism with said panel for heating purposes and to illuminate the interior of the casing, and a radiance producing element installed in the casing and supported from the floor of the casing between said heating means and said panel and disposed close to the latter to illuminate the interior of the casing and to transmit light rays laterally directly to and through said transparent panel to thereby augment the heating capacity of the heater or to selectively light and heat the interior of the casing by said heating means and illuminate said vari-colored panel or illuminate the interior of the casing to illuminate said panel by the radiance producing element.

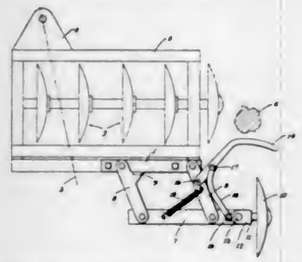
2,452,211
MACHINE FOR MECHANICALLY WORKING MATERIALS
Adolph H. Rosenthal, New York, N. Y., assignor to Scophony Corporation of America, New York, N. Y., a corporation of Delaware
Application October 17, 1944, Serial No. 559,079
3 Claims. (Cl. 51—59)

1. In a machine for operating a tool, an enclosure, a body of liquid within said enclosure, a member immersed in said liquid, a tool holder outside said enclosure and connected through a wall thereof with said immersed member, and



means for directing supersonic vibratory energy through said liquid to said member.

2,452,212
VINEYARD PLOW
William L. Shimmon, Modesto, Calif.
Application January 11, 1946, Serial No. 640,531
2 Claims. (Cl. 97—137)

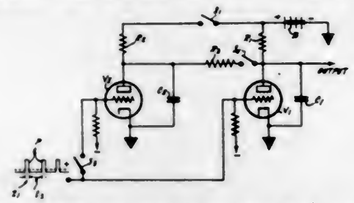


1. A vineyard plow comprising front and rear frame members in spaced parallel relation, the front frame member being adapted to be supported above ground for movement along a vineyard row, longitudinally extending parallel links pivotally connecting the frame members, the rear frame member projecting at one end laterally outward beyond the corresponding end of the front frame member, a plow blade disposed outward of said projecting end of the rear frame member, a plow blade supporting element pivoted intermediate its ends on said projecting end of the rear frame beam for horizontal swinging motion, a trunk engaging arm pivoted at its inner end to the outermost link and projecting laterally outward ahead of the plow blade, and a thrust link pivotally connected between said arm intermediate its ends and said plow blade supporting element inwardly of the pivot of the latter.

2,452,213
WAVE GENERATING SYSTEM
Carl G. Sontheimer, Riverside, Conn., assignor to Radio Corporation of America, a corporation of Delaware
Application May 30, 1945, Serial No. 596,685
5 Claims. (Cl. 320—1)

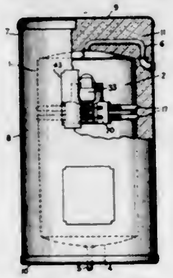
1. A wave-generating system comprising a first condenser, means for periodically charging and discharging said first condenser, a second condenser, means for periodically charging and discharging said second condenser respectively concurrently with the operation of the first-mentioned charging and discharging means, and

means for applying the charge on said second condenser to said first condenser to thereby lengthen that portion of each charging period



during which the charge on said first condenser increases substantially linearly with time as a result of the operation of said first-mentioned charging means alone.

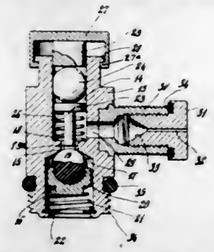
2,452,214
CLAMP-ON ELECTRIC HEATER FOR WATER TANKS AND THE LIKE
Oliver G. Vogel and Francis E. Kirk, Oak Park, Ill., assignors to Hotpoint Inc., a corporation of New York
Application November 19, 1945, Serial No. 629,450
11 Claims. (Cl. 219—38)



1. In a water heater having a water heating tank, electrical heating means for said tank comprising a rod-like flexible heating element for encircling said tank with its two ends spaced apart but adjacent eath other, said element having a resistance conductor housed within a metallic sheath and an electrically insulating material insulating said conductor from said sheath, a flexible clamping band encircling said heating element with its ends spaced apart but adjacent each other, and adjustable resilient means interconnecting the ends of said band so as to draw them together and thereby force said heating element into good thermal relation with said tank and to permit relative expansion and contraction of said tank, heating element and band, said heating element being slidable with relation to said tank and band when said resilient means is adjusted to release the tension in said band so that the heating element can readily be withdrawn from and inserted into its working position with relation to said tank.

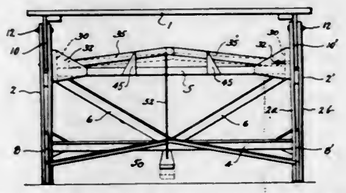
2,452,215
VALVE FOR INSECTICIDE SPRAYS
Selden T. Williams, Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application August 5, 1944, Serial No. 548,293
5 Claims. (Cl. 251—137)

5. A valve device of the character set forth comprising a casing having a passage therethrough, a valve seat in said passage, a check valve engaging said seat, a deflator means in the passage on the side of the valve seat opposite that to which the check valve seats, manually operable means adapted for limited movement at the outer end of the casing, a deformable elastic stuffing member in the casing between the said manually



operable means and the deflating means, a spring normally holding said deflator means out of check valve unseating position and the stuffing member under deformation to provide a packed closure for the passage in the casing, and the casing having an opening through its wall in open communication with the portion of the passage therein between the stuffing member and the valve seat.

2,452,216
DRAFTING TABLE
Gordon W. Yarber, Seattle, Wash.
Application February 25, 1946, Serial No. 649,958
4 Claims. (Cl. 311—38)

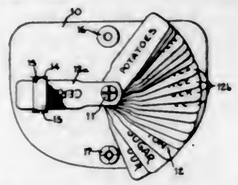


1. A table of the character described comprising a supporting frame structure including spaced standards, a table top having supporting ribs fixed thereto at opposite ends and pivotally mounted by said standards for tilting adjustment of the said top, clamp bolts movably mounted in the standards at opposite ends of the frame structure to engage with said supporting ribs of the table top, springs acting on the bolts to normally retain them in clamping contact with the ribs to retain an adjustment of the table top, and a toggle linkage extended between the bolts and operable to simultaneously move them against the spring pressure to release their clamping action for adjustment of the top.

2,452,217
TAB REMINDER DEVICE
La Bron R. Allen, Juanita H. Allen, and Ruth L. Kabitsch, Cincinnati, Ohio, assignors to Signet, Ltd., Cincinnati, Ohio
Application September 16, 1947, Serial No. 774,392
7 Claims. (Cl. 116—134)

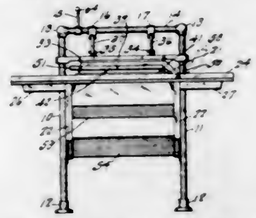
1. In a tab reminder device, a flexible closure member, a series of indicator tabs, means for pivotally mounting said tabs by one end at a central point in said closure cover, a combined locking and carrying ring mounted on said closure cover to one side of said pivotal mounting

adapted to receive and secure a series of selected tab indicators to said cover, and fastening means



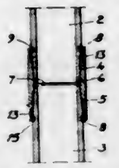
on said closure member adapted to hold said closure in wrapped position around said indicator tabs, pivot, and strap.

2,452,218
HAMBURGER APPORTIONING, FORMING, AND WRAPPING MACHINE
Ken E. Bemis, Oakland, Calif.
Application July 15, 1946, Serial No. 683,588
13 Claims. (Cl. 17—32)



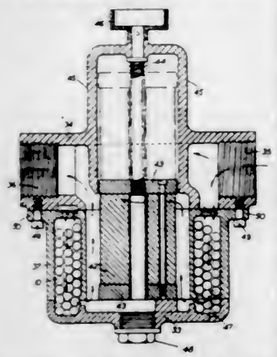
1. A patty forming and wrapping machine, in combination, apportioning means, head and base dies and urging means for urging the head die relative to the base die for compressing portions therebetween, said base die being slidably supported, and guiding means for said base die and including stop means for limiting sliding movement thereof for registry respectively with said head die and with said apportioning means, said apportioning means being movable into and out of cooperation with said base die when said base die is moved into position for registry therewith, and a receptacle removably supported in receiving position with each of the respective ends of the apportioning die to hold material to be formed into patties and receive material in excess of that required to form a set of portions.

2,452,219
DEVICE FOR THE JOINING OF TUBES
Knut Lennart Bergvall and Ernst Erik Dahlberg, Stockholm, Sweden
Application November 15, 1945, Serial No. 628,862
In Sweden August 10, 1945
5 Claims. (Cl. 285—193)



1. In a device for coupling rods, pipes and like members in end-to-end relation, a coupling sleeve having divergent internal tapered surfaces for sliding engagement with corresponding external tapered surfaces provided at the ends of said members to be coupled, each end of said sleeve containing a plurality of axially extending slits to form resilient tongues, hook members formed at the outer ends of the tongues, and retaining means provided on the external surface of said coupled members for engagement with said hook members to thereby lock the coupled members together.

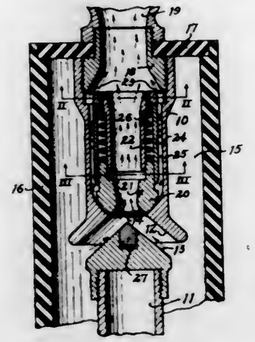
2,452,220
MAGNETIC SEPARATOR
William Leslie Bower, Sheffield, England
Application May 17, 1943, Serial No. 487,370
In Great Britain May 19, 1942
3 Claims. (Cl. 210—1.5)



2. A magnetic separator for liquids, comprising a casing built up of a pair of end caps and an intermediate hollow cylindrical wall of non-magnetic material, balls of magnetic material in said hollow wall forming a regular and uniformly arranged system of interstices between each other through which the liquid may flow around the balls, said casing having liquid inlet and outlet openings communicating respectively with openings leading to the opposite ends of the cavity of said cylindrical wall, and a magnet disposed coaxially within said casing for producing a magnetic flux in the balls.

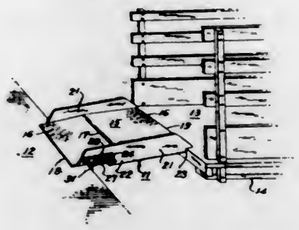
2,452,221
FLUID BLAST ARC EXTINGUISHING CIRCUIT BREAKER
Arnold E. Brock, Burlingame, Calif., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif., a corporation of California
Application August 27, 1945, Serial No. 612,777
7 Claims. (Cl. 200—148)

1. In a fluid blast arc extinguishing circuit breaker, the combination of a contact enclosing chamber adapted to maintain a fluid under pressure having an exhaust outlet at one end, a stationary contact of cylindrical configuration extending into said chamber and forming a continuation of said exhaust outlet through which a fluid under pressure within said chamber may flow to said exhaust outlet, said cylindrical contact having its inner end formed to provide an open annular contact surface, a cooperating axially movable contact having a cooperating contact surface adapted to engage the annular contact surface of said cylindrical contact and close the opening therethrough, an annular valve-like member disposed within and in back of the annular contact surface of said cylindrical contact having a restricted centrally disposed opening through which a blast of arc extinguishing fluid may flow when said contacts are moved out of engagement with each other, a cylindrical sleeve for supporting said movable valve-like member centrally in spaced relation with the inner walls of the cylindrical contact and forming an outer annular passageway leading to the exhaust outlet of said contact enclosing chamber,



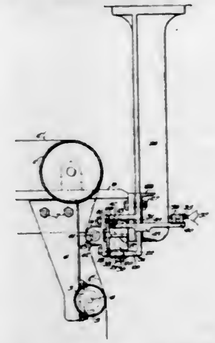
and means for yieldingly maintaining said movable valve-like member in position where a blast of arc extinguishing fluid will be normally directed through its central opening and permitting movement thereof in the event of a predetermined arc generated gas pressure to allow the generated gases to flow around the outside thereof and through said annular passageway to the exhaust outlet of said chamber.

2,452,222
BRIDGE RAMP
Newall M. Bryson, San Francisco, Calif., assignor to Pallet Engineering Company, San Francisco, Calif., a firm
Application December 21, 1946, Serial No. 717,662
2 Claims. (Cl. 14—72)



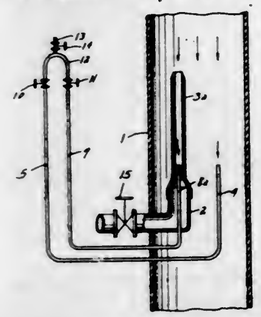
1. A dock board of the type adapted to bridge a gap between the opposed edges of two adjacent surfaces, said dock board comprising a platform having side plates, portions of which extend below the level of the platform and provide a surface-edge-engaging shoulder at one end thereof; a longitudinal flange extending from one edge of said plates and adjacent the opposite end thereof and having a plurality of notches therealong; a guide member parallel and coextensive with said flange; and a surface-edge-engaging arm slidably and rotatably supported by said guide member, said arm being of a length to extend below said plate when engaging a selected notch in said flange.

2,452,223
STOPPING MECHANISM FOR TEXTILE APPARATUS
George H. Cady, Providence, and Edward W. Adams, Cranston, R. I., assignors to Cranston Print Works Company, Cranston, R. I., a corporation of Rhode Island
Application August 22, 1945, Serial No. 611,966
4 Claims. (Cl. 192—127)



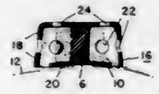
1. In a stopping mechanism for textile machines, a pair of guide rolls for feeding a strip of fabric, a detector roll intermediate the guide rolls in laterally offset relation to the peripheries thereof for forming a bend in the feeding fabric, means for pivoting said detector roll to adapt it to rock on an axis normal to the axis of said roll, an electrical circuit, a switch in said circuit, and means operative by the rocking of the detector roll to actuate the switch to control the electrical circuit.

2,452,224
GAS SAMPLING APPARATUS
James D. Collett, Jr., Houston, Tex.
Application May 7, 1945, Serial No. 592,476
4 Claims. (Cl. 73—421.5)



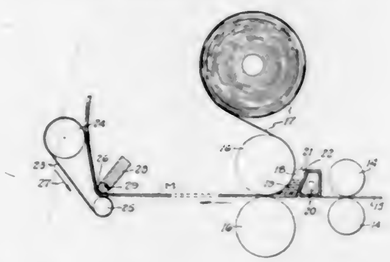
1. In an apparatus for taking samples of a fluid flowing through a conduit, a sampling nozzle disposed in said conduit and provided with an intake orifice facing upstream and positioned a predetermined distance from the center of said conduit, a Pitot tube having its impact receiving end facing upstream ar positioned from the center of said conduit a distance equal to that at which the nozzle orifice is spaced, and a second Pitot tube having its impact receiving end disposed in said nozzle and facing upstream, said Pitot tubes having measuring columns disposed in juxtaposed parallel relation and having their impact faces disposed at the same horizontal level.

2,452,225
HAIR CURLING DEVICE
Philip T. Coloccia, Hillside, N. J.
Application March 7, 1947, Serial No. 733,100
5 Claims. (Cl. 132—40)



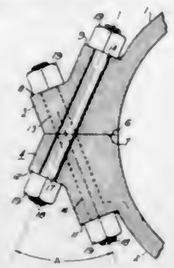
4. A unitary hair curling device of molded rubber which comprises a thin flexible disk portion adapted to be positioned in contact with the scalp, a stem member united to the disk portion and extending upwardly therefrom a sufficient distance to permit curling long strands of hair thereon, a bowl portion connected to said stem member and extending downwardly therefrom in its normal position, the bowl portion having sides of a length such that when folded over a curl in its normal position, the sides will extend to the said base portion and remain over the curl without substantial tension in its normal folded position, the said bowl portion being adapted to be inverted in position so as to extend upwardly from the stem member to permit winding or curling of hair on the said stem member in a plane parallel to the scalp, and openings in the body of the bowl portion to permit ventilation of air and evaporation of moisture from the hair during use of the device.

2,452,226
LAMINATED PRODUCT AND METHOD OF MANUFACTURE
Charles N. Cone, Portland, Oreg., assignor to M and M Wood Working Company, Portland, Oreg., a corporation of Oregon
Application June 15, 1944, Serial No. 540,388
13 Claims. (Cl. 154—132)



6. The method of making a laminated material comprising uniting in interfacial relation a ply of wet wood veneer, a ply of asphalt and a ply of a fibrous cellulosic material felted together into a sheet of paper, said asphalt ply being capable of bonding itself to said plies of wood veneer and paper for holding the several plies of said material together in interfacial relation and providing a plastic base for the veneer ply, rupturing said ply of wood veneer for providing a pattern of closely spaced fissures following the grain of the wood and extending through the thickness of the veneer and constituting a multitude of expansion joints providing for contraction and expansion of the veneer ply due to subsequent changes in its moisture content, and subsequently drying said material.

2,452,227
FLANGED JOINT
Hans P. Dahlstrand, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application March 8, 1946, Serial No. 652,882
7 Claims. (Cl. 189—36)



1. In a casing section having a flange portion adapted to abut and be detachably secured to a like portion of another section by inserting securing elements through alined apertures provided in the flange portions thereof, a flange portion on said section having a joint forming surface and a pair of oppositely sloping surfaces spaced from each other and from said joint forming surface, said flange having a plurality of apertures extending therethrough from said joint forming pair of oppositely sloping surfaces in oppositely inclined, nonintersecting relation with respect to each other, at least the portions of said oppositely sloping surfaces adjacent said apertures presenting generally plane surfaces respectively surface alternately to one and the other of said for engagement by securing element-portions.

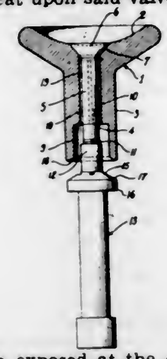
2,452,228
ELASTIC PARACHUTE SHROUD AND METHOD OF MAKING IT
Robert T. Dawes and Frank Taylor, Hudson, Mass.
Application March 25, 1947, Serial No. 737,077
29 Claims. (Cl. 87—2)



1. A parachute shroud comprising a braided jacket and a rubber-elastic core, the core comprising a bundle of substantially parallel elastic threads firmly bound together at opposite ends of the core, the jacket extending beyond opposite ends of the core to form attaching terminals, and a terminal cord firmly anchored to each end respectively of the core, each terminal cord being encased within the corresponding terminal portion of the jacket, the elastic threads being normally held stretched, intermediate said end bindings, by the grip of the jacket when the shroud is unloaded, the normal elongation of the core threads being less than their elongation when the shroud is supporting the riding load.

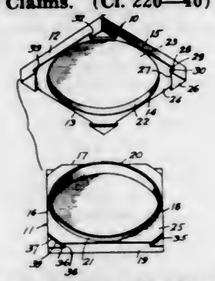
2,452,229
PESSARY AND MANIPULATING HANDLE ASSEMBLY
Glenn L. De Bray and Atwill Morgan, Los Angeles, Calif.
Application March 18, 1946, Serial No. 655,109
5 Claims. (Cl. 128—127)

1. A pessary, comprising a unit including a body member having a concave tissue engaging depression in one of its surfaces, a valve bore extending through said body and communicating with said concave surface and having a valve seat formed therein adjacent said surface, a valve member having a stem extending through said bore and adapted to seat upon said valve seat, the surface



of said valve exposed at the concave surface of said body being concaved to conform with and continue the cavity of the body surface, said valve having a stem extending into and guided by said bore and one or more longitudinal grooves extending along said bore to define passage for fluid about the stem of said valve.

2,452,230
ROTARY LOCK BOX
Philip A. Derham, Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y., a corporation of New York
Application July 26, 1945, Serial No. 607,238
10 Claims. (Cl. 220—40)



1. In a rotary lock box, a square cover part, a square container part, said parts having contacting flat surfaces and cooperating cylindrical laterally extending guiding surfaces, the guiding surfaces having a common axis perpendicular to the flat surfaces, and means for separably locking the parts together in position to form a square box, said means comprising identical laterally extending and arcuately grooved projections at the corners of the cover part, a tongue on each projection below the groove of such projection, concentric arcuate surfaces on the inner end of the tongue and on the outer wall of the groove respectively, said surfaces being slightly eccentric to the cylindrical surfaces, the container part being provided with identical recesses at the corners thereof to receive the respective projections, there being a tongue and a groove at each of said corners of the container part, the tongue being adapted to enter the groove of a projection and the groove being adapted to receive the tongue of a projection, the tongue having an arcuate outer surface and the groove having an arcuate inner surface, said surfaces being eccentric to said axis whereby when the flat surface of the cover part is set on the flat surface of the container part with the projections between adjacent recesses and outside of the container part and the cylindrical guiding surfaces are in contact, and the parts are then relatively rotated to a position in which the parts are in registration, the eccentric surfaces of the tongues and the walls of the grooves are in pressed contact to lock the parts in their assembled relation.

2,452,231
FOLDER
George N. Dobie, Jr., Cleveland, Ohio, assignor to Supervision, Incorporated, Cleveland, Ohio, a corporation of Ohio
Application December 20, 1944, Serial No. 569,095
12 Claims. (Cl. 129—16.8)

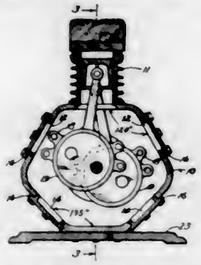


7. A folder of the vertically filing type forming a filing receptacle and a mounting for a pilot card, the folder being formed from a blank of paper stock having three longitudinally-spaced transverse score lines along which it is folded into a multiple ply formation having a closed bottom end and a top opening to provide an elongated vertical compartment extending from the bottom closed end to the top opening and having open sides, two of the score lines defining the closed bottom end and being only slightly spaced one from the other to provide a base support for the edges of a multiplicity of records filed in the compartment, one of the plies being a comparatively short blank end member bent along the third score line and folded into the compartment, said last-mentioned ply being transversely secured adjacent its inner end to a wall of the compartment to form a comparatively short open-sided pocket above the secured area and between said ply and the compartment wall, said ply being formed with a slit extended from adjacent the third score line and in alignment with the secured area to permit passing of an end of a pilot card therethrough into the pocket for support thereof upon the secured area of the plies and the extension of the opposite end thereof exteriorly of the pocket.

2,452,232
COMPRESSOR
William V. Fischer, Akron, Ohio, assignor to The Air-Flo Compressor Company, Akron, Ohio, a corporation of Ohio
Application August 24, 1944, Serial No. 550,945
7 Claims. (Cl. 230—187)

1. An air compressor embodying a crankcase, a plurality of similar cylinders having pistons

therein and mechanism for reciprocating said pistons, said crankcase comprising a housing of six-sided cross section embodying cylinder receiving faces disposed with some of the faces in different angular relation with each other, two of said faces being parallel and either of said parallel faces constituting a base, five of said faces including one



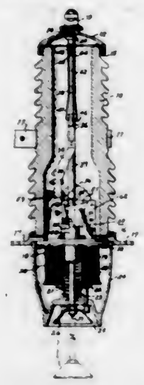
only of said parallel faces having cylinder openings therein for the reception of said cylinders, whereby a greater number of openings are available for the reception of cylinders when the crankcase is arranged for operation on one of the base faces than when arranged for operation on the other base face.

2,452,233

PERMANENT FAULT ISOLATOR TIME-DELAY SWITCH

Roy H. Gerard, Oakland, Calif., and Roy M. Smith, Jeannette, Pa., assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif., a corporation of California

Application July 24, 1945, Serial No. 606,794
4 Claims. (Cl. 200—108)



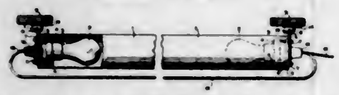
1. In a permanent fault circuit isolating device, the combination of an insulating support having spaced circuit terminal members, a stationary contact member carried by one of said terminal members, a movable contact member adapted to cooperate with said stationary contact, means for operatively mounting said movable contact upon the other of said terminal members comprising an elongated rod-like member having a notch intermediate its ends by which it may be latched in a predetermined position with said movable contact in engagement with said stationary contact member, an armature slidably mounted to move freely upon said rod-like member and biased into an inoperative position, an electro-magnet connected in series circuit with said movable contact member and associated with said armature, a latch engaging the notch in said rod-like member for holding said contacts in engagement, a ratchet mechanism adapted to operate in a step by step manner in response to movements of said armature and after a predetermined number of successive operations thereof to trip said latch and permit said rod-like member to move and open the circuit between said movable and stationary contact members, means tending to reset said ratchet mechanism after each step by step movement thereof, and a timing means operative to delay the resetting of said ratchet mechanism by said last means, whereby said ratchet mechanism will be rendered inoperative to trip said latch and permit an opening of the circuit between said stationary and movable contacts when the successive operations of said armature do not occur within a predetermined period of lapsed time.

2,452,234

BED HEATER

John C. Gerdes, Glendale, Calif.

Application June 7, 1946, Serial No. 675,232
1 Claim. (Cl. 219—45)



The combination with a bed having spaced transverse members on the underside, of a relatively long tubular casing, insulation bodies secured in the ends of the casing, an electric incandescent bulb type socket carried by each insulation member upon the inner side for the support of an electric heating unit within the tubular member, a suspension ear secured to each insulation member and extending laterally with respect to the longitudinal axis of the tubular body and beyond the side of the body, means for conducting electric current to said incandescent bulb sockets, and means connected with the laterally extended ends of said ears and carried by the transverse bed members for supporting the device upon the under side of the bed, said last means comprises a pair of plates each secured to a transverse member of the bed, and a hook carried by each of the plates and engaging through an aperture in an ear.

2,452,235

BLACKBOARD

Leon J. Gold, Shorewood, Wis., assignor to Milprint, Inc., Milwaukee, Wis., a corporation of Delaware

No Drawing. Application March 2, 1946, Serial No. 651,616
1 Claim. (Cl. 35—68)

As a new article of manufacture, a blackboard comprising a black sheet of paper having a coating consisting of ten parts ethyl cellulose, five parts of a glyceryl ester of hydrogenated rosin, and two parts of castor oil, the parts being by weight and dissolved in a suitable solvent, said coating having incorporated in it .1 to 5% of a granular abrasive of at least two hundred grain.

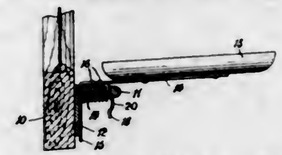
2,452,236

FLOWERPOT HOLDER

Herman Herzog, Detroit, Mich.

Application July 19, 1946, Serial No. 684,923
2 Claims. (Cl. 248—205)

1. In a device of the type described, for attachment to the looped handle of an upwardly slidable window sash, a tray, a forwardly projecting arm on said tray having its end portion bent downwardly, and a downwardly extending resiliently mounted clip in spaced relation to said down-



wardly bent portion of said arm, whereby said bent portion and said clip are mutually and detachably insertable within the looped handle of a window sash for the purposes specified.

2,452,237

WATERING TROUGH

Mason A. Hoburg and Frances Hoburg, St. Helena, Calif.; said Frances Hoburg assignor to said Mason A. Hoburg

Application April 20, 1946, Serial No. 663,718
1 Claim. (Cl. 119—72)



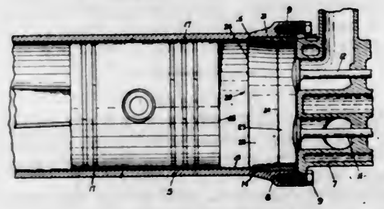
A watering trough for fowl comprising an elongated rectangular receptacle constructed of an acid-resisting material and having a bottom and upwardly extending side and end walls, a drain in said bottom, a compartment for mixing acid and water formed in one end portion of the trough, said compartment having a transverse wall extending upwardly from the bottom of the trough and formed integral therewith, a removable cover on the upper end portion of said compartment, said cover having a plurality of openings for admitting water and acid into the compartment, and the upper portion of said transverse wall having a plurality of small apertures whereby mixed fluid may pass from said compartment into the trough.

2,452,238

INSERT FOR CHANGING THE COMPRESSION RATIO OF INTERNAL-COMBUSTION ENGINES

Raphael Hollingsworth, Hedrick, Iowa

Application January 7, 1948, Serial No. 901
2 Claims. (Cl. 123—48)



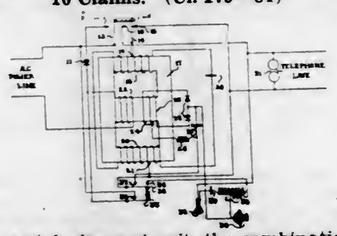
1. In an internal combustion engine including a cylinder and a piston therefor, with the inner peripheral surface at the outer end of the cylinder being formed with an annular recess the inner end of which constitutes an annular shoulder, an annular insert for said cylinder receivable in said recess and of a construction such that one of its ends is in abutting engagement with said shoulder and its other end is substantially flush with the outer end of the cylinder, with the inner peripheral surface of said insert having a first portion tapered inwardly from said one end thereof to a position substantially midway between its ends, and a second portion of a straight contour continued from said tapered portion to the other end of said insert, whereby said inner peripheral surface is arranged entirely within the confines of the inner peripheral surface of said cylinder, a head member for said cylinder engageable with the other end of said insert, and means for clamping said head member on said cylinder, with said insert being held between said shoulder and head member against axial movement relative to said cylinder.

2,452,239

TELEPHONE CIRCUIT

Henry Martin Huge, Lorain, Ohio, assignor, by mesne assignments, to Lorain Products Corporation, Lorain, Ohio, a corporation of Ohio

Application April 15, 1946, Serial No. 662,138
10 Claims. (Cl. 179—84)



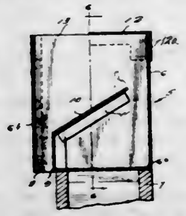
5. In a telephone circuit, the combination of a ringing-current circuit, a talking-current circuit, a subharmonic generator comprising input and output branches, saturable magnetic coupling means coupling said input and output branches in conjugate relationship, a capacitor in a closed circuit in said output branch for exciting subharmonic oscillations therein, a first rectifier serially connected in said input branch, first input circuit means for supplying alternating current through said first rectifier to produce said subharmonic oscillations to energize said ringing-current circuit, winding means on said coupling means inductively coupled to said input branch, a second rectifier connected to said winding means, and second input circuit means for supplying alternating current independently of said first rectifier to energize said second rectifier to supply direct current to said talking-current circuit.

2,452,240

CHIMNEY CAP

John A. Hurt, Carterville, Mo.

Application February 20, 1945, Serial No. 578,807
2 Claims. (Cl. 98—78)



1. A chimney cap comprising a box-like structure open at its top and bottom and adapted for

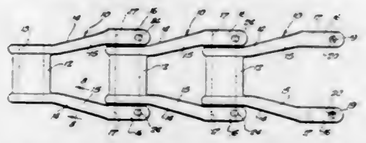
attaching to the top of a chimney, one wall of the cap being spaced outwardly from an adjacent side of the chimney, a relatively short vertical partition in the cap in spaced relation from said one wall to form a vertical draft passage in the cap, a baffle extending from the upper edge of said partition and partly overlying the top of the chimney and a fragmental top for the cap and partly overlying the baffle in spaced relation therefrom, said baffle and fragmentary top forming a tortuous passage for flue gases rising in the chimney.

2,452,241
MEASURING IMPLEMENT
Frederick H. Jantzen, Bronx, N. Y., assignor of fifty per cent to Maxwell R. Ginsberg
Application May 13, 1944, Serial No. 535,517
3 Claims. (Cl. 33—141)



1. A linear measuring implement, comprising a long handle in hingedly connected sections foldable one over the other, a measuring wheel journalled at the free end of one of said handle sections, a longitudinally extending screw shaft located to one side of said one handle section and journalled at both ends on said handle section and operated by said measuring wheel, an indicator operated by said screw shaft, said measuring wheel, indicator and screw shaft being so constructed and arranged as to be located between and be protected by said handle sections when they are folded together, means for releasably retaining said hingedly connected handle sections in said thus folded condition and means for rigidly holding the hinged handle sections in extended relation.

2,452,242
PINTLE CHAIN
Clarence K. Johnson, Portland, Oreg., assignor to Electric Steel Foundry, Portland, Oreg., a corporation of Oregon
Application March 21, 1945, Serial No. 584,008
4 Claims. (Cl. 74—254)



1. A chain comprising, in combination, a series of links each of which includes a tubular portion at one end having a through bore providing a lateral sleeve bearing and having arms integral therewith and extending longitudinally in one direction from opposite sides of the tubular portion, said arms having aligned lateral bores at their extending ends and being separated at said extending ends an amount such that the tubular portion of the next succeeding link fits therebetween, said links being joined by connecting pins extending through said sleeve bearings and bores of adjacent links, said connecting pins being rotatable in said sleeve bearings and the ends of said connecting pins being substantially flush with the outer side surfaces of said arms, the extending ends of said arms having transverse bores intersecting said lateral bores near one side thereof, said connecting pins having chordal slots adopted to register with said transverse bores to form fastener pin openings, fastener pins fitting into said openings to secure the connecting pins against axial and rotational movement relative to said arms, and means flush with the outer surface of each of said arm ends for permanently securing the fastener pins in place.

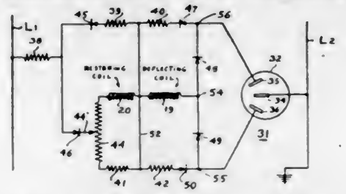
2,452,243
SELF-TIPPING CONVEYER BUCKET
George H. Johnson, Rockford, Ill., assignor to The Atwood Vacuum Machine Company, Rockford, Ill., a copartnership
Application October 6, 1945, Serial No. 620,784
6 Claims. (Cl. 294—73)



1. In a dump bucket structure comprising a carrier yoke and a bucket pivotally mounted in said yoke, means for releasably locking said bucket in rigid relation to said yoke comprising a latch bolt slidably mounted on the yoke in radially spaced relation to the pivots, a keeper on the bucket for engagement by said bolt, said bolt having a pin projection on the side thereof, a slide guided on the yoke and movable in transverse relation to said bolt and having a slot receiving said pin projection to reciprocate said bolt by reciprocatory movement of said slide, a manually oscillatable lever pivoted on said yoke intermediate its ends, and a toggle link pivotally connected to said slide at one end and at the other to the inner end of said lever, said lever being movable to a locking position in which its pivotal connection to said link is aligned with the lever pivot and the link's pivotal connection to said slide.

2,452,244
ELECTRICAL RATIO METER CIRCUIT
Knud J. Knudsen, Waterbury, Conn., assignor to The Lewis Engineering Company, Naugatuck, Conn., a corporation of Connecticut
Application March 31, 1944, Serial No. 528,839
18 Claims. (Cl. 177—351)

2. In an indicator arranged to be energized from a source of alternating current and including a meter having a deflecting coil, a potentiometer, a plurality of rectifiers connected in a closed loop at the same polarity with respect to said loop, a first pair of terminals on said loop dividing said rectifiers into two groups, a second pair of terminals on said loop between rectifiers in said groups, respectively, and means connecting said



deflecting coil to said first pair of said terminals and said potentiometer to said second pair of terminals.

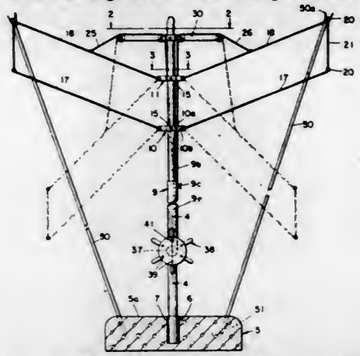
2,452,245
HOSE CLAMP
Alexander A. Kollman, Los Angeles, Calif.
Application April 27, 1944, Serial No. 533,008
1 Claim. (Cl. 24—19)



A device of the character described for engaging and drawing to a desired position an apertured end of a band-like element, comprising a relatively long cylindrical guide sleeve open at each end, the guide sleeve having a side opening from one end through a major portion of its length to form a narrow guide slot, the material of the guide sleeve at each side of said slot being extended outwardly, then extended at right angles to the first line of extension away from the sleeve and finally extended inwardly in substantially parallel relation with the first extension to form a guide through which the apertured end of the band may extend, the said guide being adapted to be secured in a fixed position, a screw extending axially through the sleeve and having a head upon one end, a bearing member carried by the screw adjacent to the head and having a depressed face engaging over and bearing against the other end of the sleeve, a dogging sleeve of substantially cylindrical form mounted within the guide sleeve for sliding movement therein, said screw being threaded through said dogging sleeve, and a dogging prong integral with the dogging sleeve and extending through and snugly engaging in said guide slot and adapted for engagement in an aperture in the band-like element, the dogging prong having sliding engagement in the guide slot.

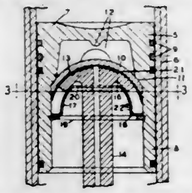
2,452,246
CLOTHESLINE DEVICE
Semen Kronhaus, Los Angeles, Calif.
Application November 29, 1946, Serial No. 712,767
2 Claims. (Cl. 211—119.17)

1. A clothes line device comprising a post adapted to be supported in upright position, a plurality of vertically spaced clothes hanging rods projecting laterally from diametrically opposite sides of and pivotally connected at their inner ends to the post for swinging movement in a plane longitudinally of the post, means connecting the outer ends of the respective rods to the outer end of each adjacent rod, a cross bar adjacent the top end of the post, sheave means rotatably carried by the cross bar, cables each secured at one end to the topmost of the said rods, spindle means rotatably carried by the lower end portion of the post and having the other end portions of the



cables wound thereabout, means for rotating the spindle means, and means for locking the spindle means against rotation.

2,452,247
PISTON ROD CONNECTING DEVICE
Everett P. Larsh, Dayton, Ohio
Application January 24, 1946, Serial No. 643,046
3 Claims. (Cl. 309—20)

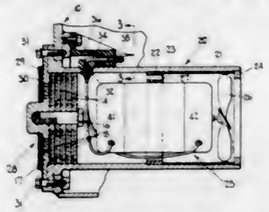


1. In combination with a piston having a head and a skirt, said piston having adjacent said head an inclined annular shoulder, a bearing member separate from said piston, having a convex surface movably engaging said shoulder and having a concave bearing surface facing the open end of said skirt and conforming substantially to a section of a sphere, a piston rod having a head provided with a bearing surface conforming to and in movable supporting contact with the concave bearing surface of said bearing member, a retaining member engaging said piston rod head and having at that end thereof which is remote from said piston rod head a part adjacent the inner surface of said skirt, said skirt having a circumferential recess, and a split ring of resilient material adapted to be sprung about said piston rod and removably mounted in said recess in supporting engagement with said part of said retaining member, said split ring removably supporting said retaining member, said piston rod head and said bearing member in operative relation one to the other with said bearing member in engagement with said shoulder.

2,452,248
ELECTRICAL MINE APPARATUS
Arthur L. Lee, Upper Arlington, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company, a corporation of Ohio
Application May 12, 1944, Serial No. 535,366
4 Claims. (Cl. 172—36)

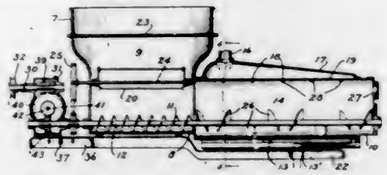
1. In explosion-proof electrical apparatus, the combination with a casing adapted to house spark

producing apparatus, of a unit insertable and removable as such relative to said casing, said unit including a fan housing, a fan mounted in said housing and providing an air passageway between it and the housing interior, electrical plug contactors on said housing, cooperating plug recep-



tacles mounted on said casing adapted to receive said contactors when said unit is inserted in said casing to make electrical contact therewith and to break said electrical contact when said unit is removed, and a flame proof breather carried in one end of said housing and forming a part of said unit.

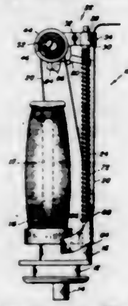
2,452,249
DRIER FOR GRANULAR PLASTIC
Roy R. Leiske, Milwaukee, Wis.
Application March 4, 1946, Serial No. 651,864
2 Claims. (Cl. 34—183)



1. In a drying unit for granular plastic, a casing having an upwardly open trough section and a horizontally alined enclosed trough section separated from the open section by a partition having a restricted material passage therein, said open section having a downwardly directed open inlet extending throughout its length and said enclosed section having a restricted lower outlet at its end remote from said partition, horizontally alined screw conveyors coacting with the bottoms of the successive trough sections on opposite sides of said partition, the conveyor within said open section having a continuous helical flight of relatively small diameter and pitch and the conveyor within said enclosed section having a periodically interrupted helical flight of larger diameter and greater pitch, an agitator rotatable within said inlet above said smaller conveyor, a suction device for withdrawing vapor upwardly from within said enclosed trough section, and common means for actuating said conveyors and said agitator and said device.

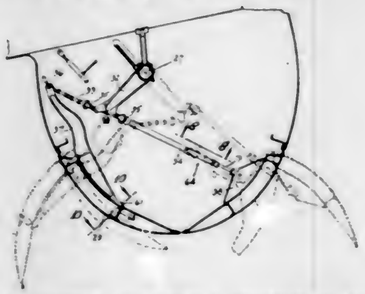
2,452,250
BRAIDING MACHINE CARRIER
Albert T. Lochner, Louisville, Ky.
Application February 9, 1948, Serial No. 7,137
15 Claims. (Cl. 87—56)

1. A braiding machine carrier comprising a support, a spindle mounted on said support, a wound bobbin carried rigidly by said spindle, a pair of support rods secured to said support, a bracket swivelly secured to said support rods, a pair of cooperating guide disks for the strand unwound from the bobbin carried by the bracket, resilient means for normally retaining said disks in a clamping relation to lock the strand therebetween, an actuating rod carried by said support and disposed parallel with the support rods, a guide member slidably mounted on said support rods and operatively associated with the actuating rod, said guide member being moved on



the rods responsive to a pulling force exerted by the strand, means on said actuating rod for moving the same upon engagement thereof by the guide member, an annular groove formed in said actuating rod, a release member for said disks pivoted to said bracket and having one end received in said groove, resilient means on said support rods for normally retaining said guide member in a seated placement on the support.

2,452,251
RETRACTABLE LANDING GEAR FAIRING
Eric L. Martin, Santa Monica, Calif., assignor to North American Aviation, Inc., Inglewood, Calif., a corporation of Delaware
Application March 19, 1942, Serial No. 435,253
20 Claims. (Cl. 244—102)

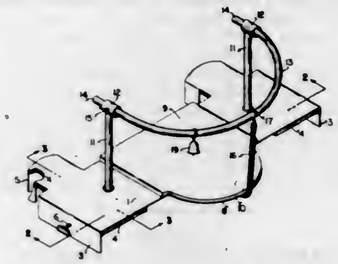


1. An aircraft including a retractable landing gear, a fairing therefor including a door or doors, and means connecting said gear and door or doors and actuated by said landing gear and both opening and closing said door or doors during each effective retracting movement and each effective extending movement of the landing gear, said door or doors having a yieldable section for contact with the landing gear in its extended position.

2,452,252
CHILD'S SEAT ATTACHMENT FOR BARBERS' CHAIRS
Anthony N. Masabny, Allston, Mass.
Application May 7, 1947, Serial No. 746,473
3 Claims. (Cl. 155—131)

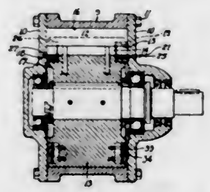
1. A child's seat attachment for barber's chair comprising a seat member of sheet material

adapted to be supported on the arms of a barber's chair, said seat member having at each end a down-turned flange which is situated on the outside of the chair arm when the device is being used and also having at its rear end a down-



turned flange to engage the rear end of each chair arm, two posts rising from said seat member and a bowed guard member adjustably carried by said posts and serving to prevent the child from slipping forwardly on the seat member.

2,452,253
FLOATING SEALING DEVICE
Daniel F. McGill, Portland, Oreg.
Application January 29, 1945, Serial No. 575,001
10 Claims. (Cl. 103—202)

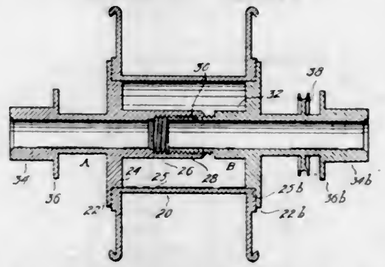


1. A sealing device comprising in combination a stator, a rotor, and a sealing unit, said sealing unit comprising a pair of sealing rings disposed between adjacent portions of the stator and rotor on opposite ends of said rotor, and means interconnecting said sealing rings for maintaining them in sealing engagement with said stator, said sealing rings being caused to rotate with said rotor and having sliding engagement with said rotor and forming therewith a seal whereby said rotor may have axial movement relative to said stator and said sealing unit.

2,452,254
LIQUID POLYMERIC DIMETHYL SILICONES
Rob Roy McGregor, Verona, and Earl Leathen Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application April 2, 1945, Serial No. 586,270
11 Claims. (Cl. 260—448.2)

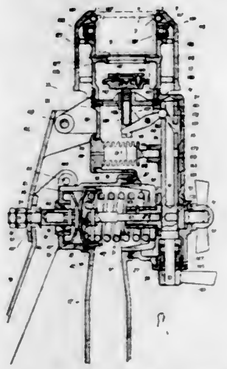
1. A fluid composition composed of a mixture of liquid polymeric dimethyl silicones having two methyl radicals attached to each silicon atom and a viscosity above 200 Saybolt seconds at 30° C.

2,452,255
SPOOL ADAPTER FOR ROPE LAYERS OR STRANDING MACHINES
Michael McKosky, New Haven, Conn.
Application November 29, 1946, Serial No. 713,049
3 Claims. (Cl. 57—59)



1. In a stranding machine of the type having a rotary flier with a plurality of cradles trunnioned therein, the improvement comprising an adapter for rotatably supporting spools of varying sizes in a given cradle, said adapter including coacting members each having a trunnion portion rotatably supported in the cradle, a respective spool engaging flange on each member and a joint for coupling said members to one another, with provision for varying the distance between said flanges so as to accommodate and firmly grip spools of varying axial lengths.

2,452,256
FLUID HANDLING MECHANISM
Jacques Muller, La Garenne-Colombes, France; vested in the Attorney General of the United States
Original application March 9, 1938, Serial No. 194,919, now Patent No. 2,434,426, dated January 13, 1948. Divided and this application April 7, 1939, Serial No. 266,692. In France March 20, 1937
Section 3, Public Law 690, August 8, 1946
Patent expires March 20, 1957
2 Claims. (Cl. 137—69)



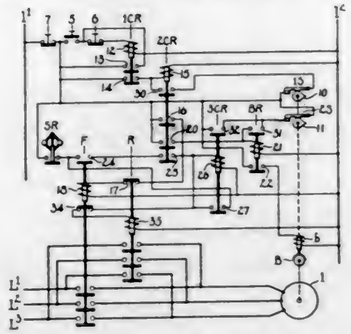
1. In a device of the class described, an obturator, a nozzle adapted to be affixed thereto and separated therefrom, a valve controlling the flow of fluid through the nozzle, means precluding removal of the nozzle from the obturator when the valve is open and means precluding opening of the valve when the fluid in the nozzle is not under pressure.

2,452,257

CONTROL FOR MOTOR-DRIVEN APPARATUS

John M. Newman, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware

Application March 22, 1945, Serial No. 584,187
9 Claims. (Cl. 318—274)



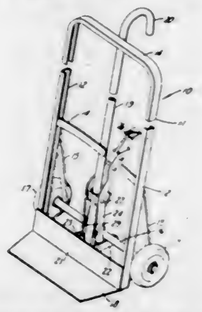
8. In indexing control for a motor driven machine, in combination, a motor, a power supply circuit, motor control means to connect said motor to said circuit for running and progressively to slow down and disconnect said motor preparatory to stopping, said motor control means comprising means rendering such disconnection of said motor dependent upon reduction of the motor speed to a given value and further comprising means rendering initiation of such slow down dependent upon given positioning of a part thereof which is so positioned in repeated cycles upon continuous rotation of said motor, a brake for said motor, and brake control means including a part movable repeatedly into a given position upon continuous rotation of said motor, said brake control means in such given position of its said part being effective to set said brake when but only when said motor has been first slowed down and disconnected from circuit by said motor control means for free coasting into the limit.

2,452,258

HAND TRUCK

Adolph Nielsen, Oakland, Calif.

Application February 11, 1946, Serial No. 646,758
1 Claim. (Cl. 214—82)



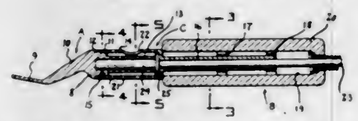
A hand truck comprising a flat open frame, an axle arranged transversely of the frame adjacent one end thereof and at the rear side of the frame, wheels carried by the axle, a rigid apron fixed to said wheeled end of the frame and projecting forwardly thereof at the opposite side of the frame from the axle, a pusher plate arranged transversely of the frame and normally lying flatwise against the front side of the frame in close proximity to the apron, a pair of links connected at their forward ends to the rear side of said plate and extending rearwardly, a pair of relatively fixed actuating levers pivoted intermediate their ends to the frame at a point on said frame spaced from said pusher plate, said actuating levers extending toward the pusher plate and thence rearwardly and connected at their terminals to the other ends of said links whereby oscillation of said levers will be accompanied by movement of the pusher plate across said apron toward and away from the frame, a pedal fitted to the other ends of said actuating levers to provide manual means for actuating the same.

2,452,259

ELECTRIC BURNING-IN KNIFE

Frank D. Pabis, Amsterdam, N. Y.

Application November 15, 1946, Serial No. 709,958
3 Claims. (Cl. 219—21)



1. In a burning-in hand tool of the class described, an electrically heated head unit including a body portion provided on one side with an integral axially positioned and elongated socket, and provided on an opposite side with a projecting tang terminating in a laterally offset flat blade, a heating element mounted in said elongated socket, a coupling unit attached at one end to said head unit and partially enclosing and surrounding, in spaced relation, said elongated socket, said portion of the coupling unit being provided with a multiplicity of perforations for free circulation of cooling air, said coupling unit being further provided with a reduced elongated tubular shank of a diameter matching that of the socket and in axial alignment with the socket, said shank being adapted to accommodate a cord with which the electric heating element is provided, and openwork spacing spiders on said shank adapted to accommodate a centrally bored hand-grip.

2,452,260

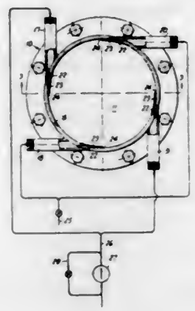
HEATING APPARATUS

David D. Peebles, Hillsborough, Calif., assignor to Golden State Company, Ltd., San Francisco, Calif., a corporation of Delaware

Application December 23, 1944, Serial No. 569,551
3 Claims. (Cl. 261—79)

1. Apparatus for heating a liquid by direct contact with steam, which comprises, a casing providing a circular peripheral wall and end walls forming an internal circular chamber, the length of said chamber measured in the direction of its axis being a minor fraction of the diameter of said chamber, said peripheral wall having a plurality of apertures extending therethrough and spaced circumferentially of said wall, each of said apertures extending substantially the length of said peripheral wall and being directed in the same circumferential direction tangential to the inner face of said peripheral wall, said apparatus having a liquid conduit connected to one of said apertures to deliver liquid into said chamber tangentially of said peripheral wall, one of said end walls having a centrally disposed outlet therein

so that said liquid spirals inwardly in said chamber and discharges through said outlet, said apparatus having a steam conduit connected to another of said apertures to deliver steam into



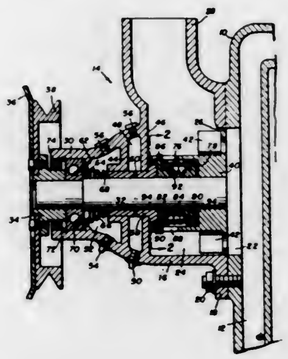
said chamber tangentially of said peripheral wall into contact with the outer peripheral surface of the spiral of liquid in said chamber so as to uniformly and rapidly heat said liquid.

2,452,261

PUMP PACKING MEANS

James H. Roberts, Osceola, Ark., assignor of one-fourth to Bruce Ivy, Osceola, Ark.

Application May 9, 1947, Serial No. 747,081
4 Claims. (Cl. 103—103)



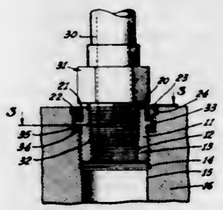
1. In a pump assembly having a casing, a pump chamber in said casing, an impeller shaft journaled in said casing and an impeller hub carried by said shaft in said chamber, the combination of the walls of an open ended recess in said hub, a journal for said shaft extending into said recess, a packing assembly in said recess and surrounding said shaft, said packing assembly including spaced collars surrounding said shaft, radially and axially extensible means connecting said collars for retaining them in a unitary expansible assembly, said collars having shoulders extending towards each other, grooves on said shoulders, said extensible means having annular portions yieldingly engaged in said grooves.

2,452,262

FLUID SEAL FOR INSERTS

Joseph Rosan, North Hollywood, Calif.

Application December 18, 1944, Serial No. 568,589
2 Claims. (Cl. 285—39)



1. In an insert adapted to be installed in a screw-threaded and counterbored socket in a body to form, a fluid-tight connection therewith, the combination of a cylindrical body having external screw threads on the lower portion thereof adapted to fit the screw threads of said socket, a plurality of circumferentially spaced, longitudinally extending serrations on the external upper portion of said body, a radial flange projecting outwardly from said body intermediate said upper and lower portions, a resilient annular sealing ring disposed between said flange and the shoulder formed at the junction of said counterbore with said socket, said ring being compressed between said flange and said shoulder to form a fluid-tight seal between said insert and said body, a locking ring having internal serrations mating with and slidable on the serrations of said insert body, and a plurality of axially extending broaching serrations formed on the outer periphery of said ring, said broaching serrations being adapted to broach the walls of said counterbore when said ring is driven down over said insert body, thereby locking said insert body against rotation.

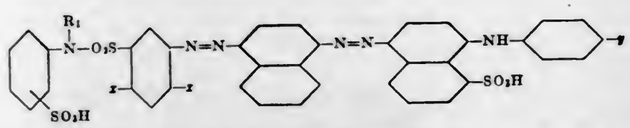
2,452,263

DISAZO DYESTUFFS

Rudolf Ruegg, Basel, Switzerland, assignor to Ciba Limited, Basel, Switzerland, a Swiss firm

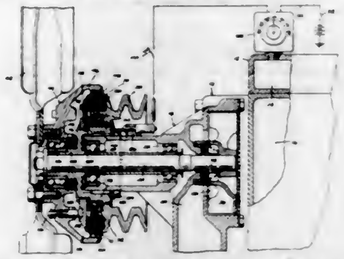
No Drawing. Application January 20, 1947, Serial No. 723,205. In Switzerland January 31, 1946
4 Claims. (Cl. 260—190)

1. A disazo-dyestuff of the formula



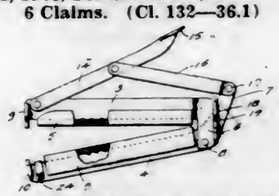
in which R_1 represents an alkyl radical containing at most two carbon atoms, one x represents hydrogen and the other x a member selected from the group consisting of hydrogen and methyl, and y represents a member selected from the group consisting of hydrogen and methyl.

2,452,264
COOLING APPARATUS, TEMPERATURE CONTROL
Robert C. Russell, Cleveland Heights, Ohio, assignor to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application March 31, 1945, Serial No. 585,992
12 Claims. (Cl. 123—178)



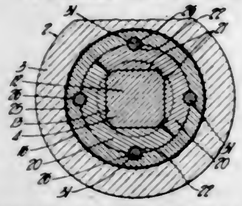
5. In combination with an internal combustion engine, a cooling system comprising a pump for circulating liquid through the engine, an air circulating fan, a drive means for the pump and fan, a pulley driven from the driving source, a shaft coupling the pulley to the pump, an electromagnetic clutch telescoping the pump shaft coupling the pulley to the fan, an electric circuit for energizing said clutch, and means responsive to changes in the operating temperature of the engine for controlling the energization of the clutch, said clutch comprising an annular electromagnet mounted in the pulley, a plurality of disks outward radially disposed of the electromagnet some secured for rotation with the pulley and the others with the fan, an end plate constituting a magnetic pole relatively axially movably mounted on the pulley, a portion of the pulley constituting the other pole face of the clutch, and means within the magnetic flux circuit for substantially reducing residual magnetism, and thereby prevent drag between the disks upon de-energization of the coupling.

2,452,265
SCALP PROTECTOR
Rudy A. Satrian, Chattanooga, Tenn.
Substituted for abandoned application Serial No. 261,333, March 11, 1939. This application October 21, 1946, Serial No. 704,786
6 Claims. (Cl. 132—36.1)



1. In a scalp protector of the character described, a pair of jaw members adapted to be brought into parallel gripping relation, means pivotally coupling said jaws together at one end of the device, an arm integral with one of said jaws at the said pivotally connected ends and extending at an obtuse angle with respect to and across the adjacent jaw, a lever bar pivotally attached to one side of the said adjacent jaw, a link pivotally coupling said bar with the free end of said arm, said bar and link when in alined relation operating upon said arm to hold said jaws in parallel relation, and means at the ends of said device for rotatably supporting a hair winding cylinder, said means comprising at one end of the device, two separable members each carried by a jaw and cooperating to form a bearing for the support of the adjacent end of the cylinder.

2,452,266
ROLLING MILL ROLL
Fritz M. Scharff, Lorain, Ohio, assignor to National Tube Company, a corporation of New Jersey
Application June 7, 1944, Serial No. 539,098
6 Claims. (Cl. 80—58)



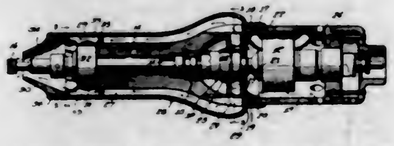
1. A composite roll comprising a spindle member having an annular groove therein, the inner periphery of which is non-circular, and a face member mounted on said spindle having a counterbore at one end thereof surrounding said groove, a split ring disposed in said groove and said counterbore, the inner periphery of said split ring having a close fit with the periphery of said groove, a ring disposed around said split ring and means for securing said ring and said split ring to said face member.

2,452,267
ELEVATABLE BED TRAILER
Arthur G. Schramm, Phoenix, Ariz.
Application April 15, 1947, Serial No. 741,458
5 Claims. (Cl. 280—6)



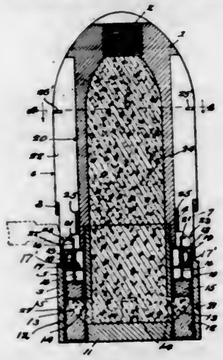
1. A trailer having a body including a bed, wheel spindle supporting arms having stub attaching shafts journalled on each side of said bed, wheel spindles carrying wheels positioned at the outer ends of said arms, and leaf springs attached to said arms at their junction with said stub shafts extending angularly upward therefrom, hydraulic cylinders and parallel slide tubes pivotally attached to the forward portion of said trailer body and extending rearwardly along the sides thereof, pistons in said cylinders operating slides supported on said parallel slide tubes, latch mechanism operative on said slides to detain them on said slide tubes; and a hydraulic pump adapted to deliver fluid under pressure to said cylinders independently and selectively.

2,452,268
MOTOR HAND TOOL ASSEMBLY
Robert Schumann, Racine, Wis.
Application June 29, 1945, Serial No. 602,307
16 Claims. (Cl. 172—36)



1. A tool assembly including an operating shaft, a motor to operate said shaft, means operable by one of said parts to induce air to travel in heat-transferring relation to the assembly and discharge adjacent the tool-operating end of the assembly and means for imparting whirling action to the air at a point adjacent its discharge from the assembly.

2,452,269
EXPLOSIVE PROJECTILE
Donald Guilford Stine, Mount Carmel, Pa.
Application March 8, 1944, Serial No. 525,557
2 Claims. (Cl. 102—62)



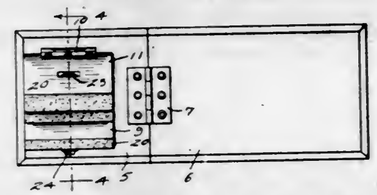
1. An explosive shell including main and butt members cooperating to provide an explosive chamber, there being longitudinal grooves in the main member and longitudinal bores in the butt member opening into the grooves, said grooves and bores being substantially alined, a shell removably seated in each bore, each shell being in communication with the explosive chamber, a cap in each shell, a yieldingly restrained firing pin in each shell normally in close proximity to the cap, and separate means movably mounted in the grooves for actuating the respective firing pins to explode the caps, said means including fins pivotally mounted in the grooves, lifting fingers carried by the fins and positioned for movement into engagement with and past the firing pins, and a spring interposed between each fin and the main member for projecting the fin outwardly from the groove.

2,452,270
TRAILER
Clarence C. Stuart, Dearborn, Mich., assignor to Traffic Transport Engineering, Inc., Dearborn, Mich., a corporation of Michigan
Application March 5, 1945, Serial No. 581,063
7 Claims. (Cl. 296—1)



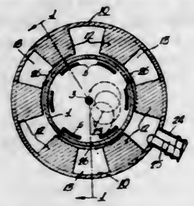
5. In a vehicle adapted for the transporting of automotive vehicle chassis, a frame, a pair of parallel lower track members mounted on said frame, a second pair of parallel track members mounted on said frame above the lower track members and converging downwardly and rearwardly of the vehicle so that the rear ends of the lower and second pairs of track members are adjacent each other, the second mentioned track members when in vehicle supporting position overlying the lower track members, each track of the second pair of track members comprising a front and a rear section, hinge means for supporting said front track sections on said frame so that they can be swung into an upright position to thereby clear the lower tracks preparatory to loading a vehicle chassis on the lower tracks, a third pair of parallel track members mounted on said frame above said aforesaid track members, a hinge connection between the rear end of said frame and the rear end of each of said rear sections, the rear ends of the front sections and the rear ends of the upper tracks terminating substantially the same distance from the hinged connections at the rear ends of said rear sections whereby the rear sections can be swung from a position where the front ends of the rear sections are adjacent the rear ends of the front sections to a position where the front ends of the rear sections are adjacent the rear ends of the upper tracks, the said rear sections in the first position cooperating with said front sections to support a vehicle chassis and in said second position serving as a ramp for rolling a vehicle chassis upwardly on to the upper track members.

2,452,271
LEATHER VISE
Roland G. Sweet, Pleasanton, Calif., assignor to Alfred Roberts, Concord, Calif.
Application June 6, 1947, Serial No. 753,023
2 Claims. (Cl. 69—19)



1. A work holding vise comprising a base, a pair of uprights on the base and means for drawing the upper ends of said uprights together and against work interposed therebetween, a block provided on the base, one of said uprights being hinged to the block, and means whereby the block and the uprights can be rotated as a unit on the base and held.

2,452,272
MAGNETRON
John W. Tiley, Philadelphia, Pa., assignor to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application October 28, 1944, Serial No. 560,875
7 Claims. (Cl. 250—27.5)



1. A magnetron oscillator, comprising an inner electron tube structure comprising an axial cath-

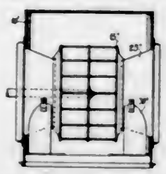
ode element, a segmental anode surrounding said cathode element and an evacuated envelope enclosing said cathode element and said segmental anode, means connected to the anode segments forming a tank circuit for each anode segment, and an outer cavity resonator surrounding said tube structure and coaxial therewith, said resonator having a plurality of resonant cavities corresponding in number to the number of anode segments and circularly located about the anode segments to receive energy therefrom.

2,452,273
APPLICATOR
Robert H. Van Sant, Alexandria, Va.
Application August 20, 1945, Serial No. 611,475
14 Claims. (Cl. 128—272)



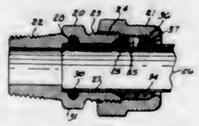
1. An applicator comprising a rigid cellular structure moulded with a liquid medicament sealed therein, said cellular structure provided with one sunderable portion constituting a discharge for the contained medicament and further provided with another sunderable portion constituting an air inlet.

2,452,274
FAN HAVING AUXILIARY CUTOFF
Thomas A. Walters, Detroit, Mich., assignor to American Blower Corporation, Detroit, Mich., a corporation of Delaware
Application September 21, 1944, Serial No. 555,049
6 Claims. (Cl. 230—132)



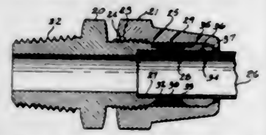
1. In a centrifugal fan, a fan housing, an inlet throat extending within said housing, a fan-wheel positioned in said housing for drawing air through the inlet throat into said wheel and discharging the same from the fan housing, a discharge opening in said housing of substantially the same width as said housing, and an air cut-off member positioned to one side of the peripheral air discharge surface of said fan-wheel and adjacent a side of said housing to stop rotation of air in said housing around said throat and direct said air toward the discharge opening of said housing.

2,452,275
TUBE FITTING COUPLING
George V. Woodling, Cleveland, Ohio
Application December 22, 1944, Serial No. 569,350
2 Claims. (Cl. 285—122)



1. A coupling device for attaching a tube to a threaded fitting element having an end and a bore extending from said end to receive the tube, means including a sleeve nut and a split cam ring contractible about said tube and engaging the end of the fitting element for anchoring the tube to the fitting element, said cam ring and said end having annular opposed surfaces for making a surface-to-surface abuttable engagement with each other, an internal annular groove having at least one wall in the fitting element extending outwardly from the bore, and seal means in the groove surrounding the tube and engaging said wall to seal between the tube and the fitting element independently of any mechanical pressure incident to the anchoring of the sleeve nut and cam ring to the fitting element.

2,452,276
TUBE FITTING DEVICE
George V. Woodling, Cleveland, Ohio
Application December 22, 1944, Serial No. 569,351
4 Claims. (Cl. 285—122)



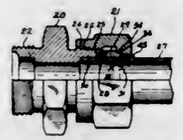
1. A coupling device for attaching a tube to a fitting element having an abutting end surface, said device comprising a hollow member adapted to fit around the tube and having means to engage the fitting element for securing said member to said fitting element, a solid collar in the hollow member adapted to surround the tube and be directly pressed tightly against the abutting end surface of the fitting element, a split collar in the hollow member adapted to be contracted about the tube at a place remote from the end of the tube, said solid collar and split collar having abutting cam surfaces to contract the split collar against the tube, said hollow member engaging said split collar and forcing same against the solid collar, whereby the solid collar is tightly pressed against the abutting end surface of the fitting element to make a seal therebetween and whereby the split collar is forceably contracted about the tube to clamp same against longitudinal movement in the hollow member, and seal means between the solid collar and the tube.

2,452,277
TUBE COUPLING
George V. Woodling, Cleveland, Ohio
Application May 10, 1945, Serial No. 593,006
9 Claims. (Cl. 285—122)



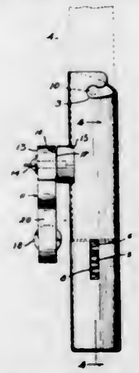
1. A coupling device for attachment to a tube and for use with annular sealing means, said coupling device comprising a hollow fitting element having an end portion provided with an end surface, said end portion receiving the tube and having a bore surrounding the tube adjacent the end surface to receive said sealing means, and connecting means including a washer and contractible means gripping the tube for connecting the tube to the fitting element, said washer surrounding the tube and making contact engagement with the end surface of the fitting element for enclosing the sealing means in the bore, said contractible means abutting against the washer and constituting non-extrusion means to prevent the sealing means from extruding past the washer along the tube.

2,452,278
TUBE COUPLING DEVICE
George V. Woodling, Cleveland, Ohio
Application June 29, 1945, Serial No. 602,207
7 Claims. (Cl. 285—122)



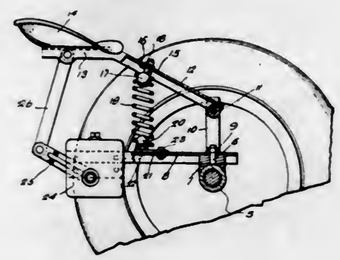
1. A coupling device for attachment to a tube and for use with annular sealing means, said coupling device comprising a hollow fitting element having an end portion provided with an end surface, said end portion receiving the tube and having a bore surrounding the tube adjacent the end surface to receive said sealing means, and connecting means including a washer and contractible means gripping the tube for connecting the tube to the fitting element, said washer surrounding the tube and making contact engagement with the end surface of the fitting element for enclosing the sealing means in the bore, said contractible means abutting against the washer and constituting non-extrusion means to prevent the sealing means from extruding past the washer along the tube, said contractible means having internal wall means for engaging the tube, said internal wall means having an internal rib for radially projecting inwardly of the wall of the tube, said internal wall means on at least one side of the internal rib defining substantially a cylindrical surface for frictionally engaging and supporting the tube.

2,452,279
HOLDER FOR FISHING POLES
Charles W. Young, Cuyahoga Falls, Ohio
Application August 14, 1946, Serial No. 690,482
1 Claim. (Cl. 248—40)



A holder for a fishing pole of the type having a lateral finger rest on the handle end thereof, said holder comprising a tubular socket member adapted for the insertion of said handle end downwardly into the same and being provided with a bayonet slot in the upper end thereof into which said finger rest may be inserted by rotation of said handle end in the socket member, means in said socket member forming a seat for said handle end and adapted to exert pressure upwardly against the same when the finger rest is inserted in said slot to thereby prevent said handle end from being accidentally rotated to withdraw the finger rest out of said slot, and means for attaching said socket member to a support in upright position for swinging adjustment into different inclined positions, the first mentioned means comprising a seat forming disc in the socket member vertically slidable therein, a coil spring in said socket member backing said disc, and coacting lugs and slots on said disc and in said socket member, respectively, for limiting sliding movement of said disc upwardly and preventing rotation of said disc in said socket member.

2,452,280
SHOCK ABSORBING SEAT STRUCTURE FOR TRACTORS
Virgil Zahller, Belle Center, Ohio, assignor to Isaac J. Fickel, Belle Center, Ohio
Application November 29, 1944, Serial No. 565,679
1 Claim. (Cl. 155—51)

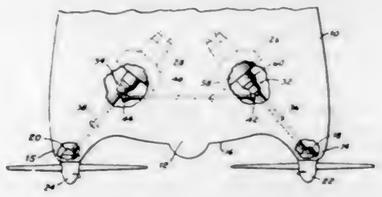


A tractor seat structure for attachment to the axle housing of the tractor comprising an elongated supporting bar, means for attaching said bar at one end thereof to said housing to extend horizontally rearwardly therefrom, a pair of laterally spaced posts arising from said end of said bar, an arm pivoted at one end between said posts to extend rearwardly of said housing along said bar and swing vertically, a seat supported by the other end of said arm, hydraulic shock absorbing means on the other end of said bar including a vertically swingable crank, a link having the ends thereof pivoted to said crank and to said other end of said arm, and an expansion coil spring interposed between said bar and arm intermediate the ends thereof and having its ends connected to said bar and arm for adjustment along the same.

2,452,281
AIRCRAFT PROPULSION MEANS
Charles H. Zimmerman, Nichols, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application July 6, 1944, Serial No. 543,632
19 Claims. (Cl. 244—60)

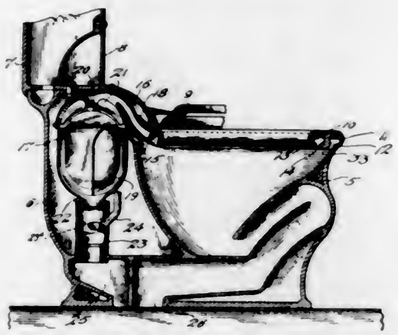
1. In an aircraft, a streamlined body having two laterally spaced propellers including propeller shafts mounted for opposite rotation at the leading edge thereof, a pilot compartment within said body between said propellers, two like rotating engines mounted within said body having driving shafts on opposite sides of said compartment, power transmission means connecting the shafts

of said engines respectively with the shafts of said propellers including two-speed mechanism, means for interconnecting said transmission means including a transverse shaft capable of transmitting the power from either engine to the



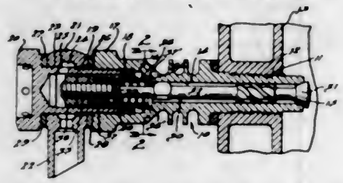
transmission means associated with the other engine, means for reversing the drive of one of said engines in one of said engine transmission means, and means operative upon reversal of torque in the driving shaft of either engine for disconnecting that engine from its transmission means.

2,452,282
VENTILATED TOILET
William F. Auer, Menasha, Wis.
Application December 20, 1945, Serial No. 636,186
2 Claims. (Cl. 4—216)



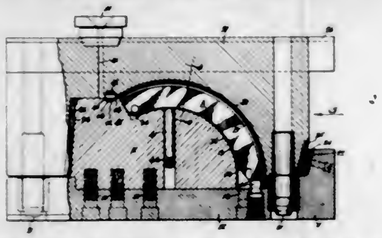
1. A ventilated toilet comprising a bowl having a rim projecting inwardly at its upper edge and with its bottom inclined upwardly, said rim having a water passage and an air passage, the air passage being positioned inwardly of the water passage, and each passage having an opening in the inclined bottom of the rim, with the opening for the air passage positioned above the horizontal plane of the opening for the water passage to prevent entrance of water into the air passage, said bowl also having a chamber at its rear portion and a waste passage at its bottom, a motor housing mounted in the chamber and connected to the air passage and to the waste passage, a motor-operated suction fan in the housing for exhausting fumes from the bowl into the waste passage, a valve between the housing and the waste pipe, a switch for the motor of the fan and including a toggle lever, a manually operated shaft journaled in one side of the chamber, a cam on the shaft operatively engaged with the toggle lever to open and close the switch, and means operatively connecting the shaft to the valve for simultaneous opening and closing of the valve and switch.

2,452,283
VALVE CATCHER
Thomas M. Ball, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application May 15, 1944, Serial No. 535,657
5 Claims. (Cl. 251—145)



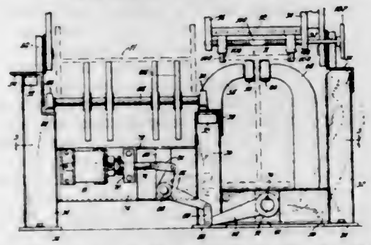
4. A fuel injection nozzle including a tubular body portion having a passage provided with an outlet at one extremity, a shoulder in said passage spaced inwardly from the other extremity thereof, a valve member in said passage including a valve head part for closing said outlet and a stem part including a threaded section at the end portion of said stem part remote from said valve head part, an abutment surface extending outwardly transversely with respect to said stem adjacent the inner end of said threaded section, a spring seat element on said threaded section, a C washer on said stem adjacent said shoulder engageable by said abutment surface and providing a spring seat on said housing, and a spring bearing between said C washer and said spring seat element, said C washer being adapted to engage said abutment surface to hold the portion of said stem carrying said valve head against a displacement from said nozzle body portion in the event of failure of said stem at a location between said abutment surface and the spring seat element.

2,452,284
INJECTION OF BRAKE LININGS
Charles H. Beare, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 11, 1946, Serial No. 640,622
5 Claims. (Cl. 18—47.5)



1. The steps in the method of lining the face of the curved metal flange of a brake shoe with a heat-resisting fibrous friction lining bonded to said metal flange, comprising: locating the brake shoe within the mold cavity of a divided mold so that said flange is very rigidly backed up and supported by the mold and forms a non-yielding confining wall for that portion of the mold cavity wherein the lining is to be molded, closing the mold and maintaining the mold closed with a high force sufficient to withstand the internal pressure within the lining cavity, injecting a thermosetting fibrous plastic compound containing a volatile solvent into the lining cavity under a very high pressure of the order of 15,000 lbs. per sq. inch to completely fill and then highly compact said plastic compound within the lining cavity and to cause the thus-molded friction lining to adhere to said curved metal flange when the mold is opened, then opening the divided mold and removing therefrom the thus-formed unit of brake shoe and molded lining, then clamping the molded lining tightly against said curved flange with a follow-up substantially uniformly distributed radial pressure, then heating said molded lining at a moderate temperature below the curing temperature thereof to evaporate said volatile solvent therefrom, and subsequently curing said lining at a curing temperature therefor.

2,452,285
SPACING TABLE
Lowell Crawford Beatty, Hammond, Ind., assignor to Beatty Machine & Manufacturing Company, Hammond, Ind., a corporation of Indiana
Application July 31, 1946, Serial No. 687,297
5 Claims. (Cl. 164—87)



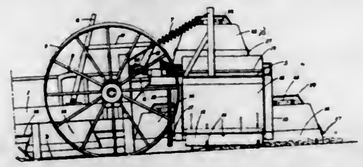
4. A spacing table for cooperation with a machine for performing work on the flanges of an I-beam comprising a series of linearly-spaced support stations each having a pair of fixed vertical spaced supports one of said supports having a rigid support arm provided with a horizontal shaft portion having thereon a roller adapted to engage the underside of the flange of an I-beam adjacent the web thereof, a horizontal I-beam interconnecting said vertical supports, a bearing mounted on said I-beam, a plurality of horizontal beam members interconnecting the supports of said stations, a shaft mounted in said bearing and extending through similar bearings in other stations, a pivoted arm mounted on said shaft and having a horizontal shaft portion supporting thereon a roller adapted to engage the underside of the flange of an I-beam adjacent the other side of the web engaged by said first-mentioned roller, and power-operated means adjacent the ends of said shaft at the penultimate stations for simultaneously actuating the pivoted arms at said support stations.

2,452,286
SPRING BAND
Allen Benjamin, Chicago, Ill.
Application January 5, 1946, Serial No. 639,194
2 Claims. (Cl. 63—5)



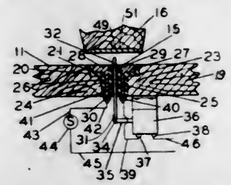
1. An expansible bracelet comprising a ribbon-like band fashioned from a single strand of material coiled into a continuous succession of closely related elongated loops with the transversely extending reaches of each of said loops being bowed toward each other and connecting tangentially with substantially semi-circular portions to provide a band of less thickness at the longitudinal center than at the edges thereof.

2,452,287
HOT CAP SETTING MACHINE
Paul A. Bezzerides, Orosi, Calif.
Application April 24, 1945, Serial No. 590,018
4 Claims. (Cl. 47—1)



2. A machine for the purpose described comprising a wheel mounted vertically open main frame, a draft element on the main frame by which it may be drawn along the ground, a trailing frame pivoted to the rear of the main frame for relative vertical swinging movement, means for adjusting the vertical position of the trailing frame relative to the main frame, a platform on the trailer frame arranged to support a stack of hot caps having outwardly extending bottom flanges, an operator's station supported on the main frame at a point closely adjacent the platform whereby an operator at such station may grasp and pass a hot cap from the platform to the ground below the frame, and means supported from the trailing frame and operable to deposit soil over the flange of the deposited hot cap as the trailer frame is drawn over the same.

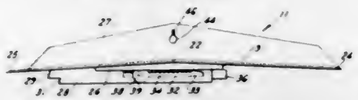
2,452,288
BOWLING SCORE INDICATOR
Thomas R. Blando, Utica, N. Y.
Application October 2, 1945, Serial No. 619,746
1 Claim. (Cl. 177—384)



In combination with a bowling alley, of a score indicator therefor including a plurality of insulated sockets embedded in said alley, spaced semi-cylindrical contact members in each insulated socket, insulated sleeves disposed within said contact members, a switch adjacent each socket having a switch arm connected therewith pivotally supporting a switch pin for vertical and reciprocal movement through said sleeve, a signal box, electric lights therein of a similar number to the number of said sockets, a source of electrical energy, wiring circuits and connections between said contacts, switch, lights and source of electrical energy, each circuit including in series the contact members of a socket, the corresponding switch and the corresponding lamp, and a plurality of contact plate supporting bowling pins adapted to seat on said spaced contact members

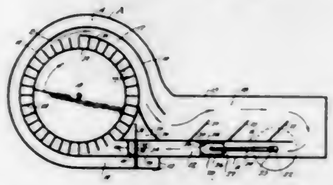
to move said switch pin to close the switch adjacent the socket for completing the circuits to said lights for illuminating the same when said bowling pins are in set position.

2,452,289
BRIDGE RAMP
Newall M. Bryson, San Francisco, Calif., assignor to Pallet Engineering Company, San Francisco, Calif., a firm
Application April 2, 1946, Serial No. 658,973
2 Claims. (Cl. 14—72)



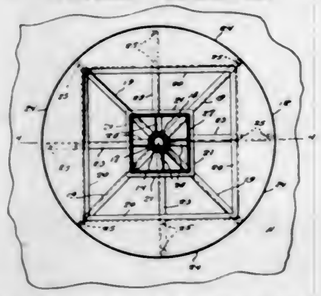
1. A dock board for bridging the gap between two spaced-apart platforms, comprising a ramp having a stop at one end to engage one of said platforms and a vertically depending plate portion adjacent each side edge, said plate portion having a longitudinal slot therein, the upper edge of said slot having ratchet teeth therealong; and a slidable locking bar, one end extending beyond said plate portion for engaging one of said platforms, and the opposite end of said locking bar having an inclined locking member, the lower edge of said locking member slidably supported on the lower edge of said slot and the upper edge of said locking member selectively engaging said ratchet teeth.

2,452,290
HYDRAULIC TORQUE CONVERSION APPARATUS
Douglas L. Butow, Evanston, Ill.
Application November 2, 1945, Serial No. 626,296
3 Claims. (Cl. 60—54)



2. In hydraulic torque conversion apparatus, a casing providing a piston conduit, a rotor chamber communicating therewith, a reservoir chamber connecting said rotor chamber and the inlet side of said conduit, a piston mounted for reciprocation in said conduit and having a passage therethrough, a check valve controlling said passage through said piston, means for reciprocating said piston, said valve allowing liquid to flow through said piston when the same is moved rearwardly and preventing flow therethrough when said piston is advanced, a check valve in said conduit between said piston and rotor chamber and allowing liquid to pass toward said chamber but preventing flow from said rotor chamber toward said piston and vanes extending upwardly and rearwardly in said reservoir chamber permitting the flow of liquid from said rotor chamber toward the rear end of said piston conduit but impeding the flow of liquid in the opposite direction when said piston is moved rearwardly.

2,452,291
REVOLVING CARD FILE AND POSTING TABLE
Joe D. Catron, Rosenberg, Tex.
Application May 31, 1946, Serial No. 673,370
4 Claims. (Cl. 311—33)

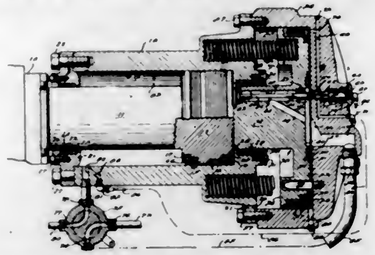


1. The combination of a posting table having a circular cut-out in its top and a turn-table rotatably arranged in the cut out, a support member fastened to the table frame and extending diametrically to and underneath the circular cut-out, an upwardly extending axle rigidly mounted on and supported by the support member and arranged concentrically with the cut-out, and a frame rotatably supported by the axle and supporting the turn table, said frame comprising a hollow cylindrical hub rotatably supported by the axle, four angle irons rigidly connected with the hub and extending radially therefrom and arranged at right angles to each other, one leg of each angle iron extending downwardly, and the top surfaces of the other legs being located in the same plane with the underside of the table top, an outer square consisting of four angle irons firmly mounted on the first mentioned angle irons so that the latter extend diagonally to the outer square and somewhat beyond the corners of the square and an inner square formed by four angle irons firmly attached to the diagonal angle irons and arranged parallel to the angle irons of the outer square, the angle irons of the two squares being positioned so that one leg of each angle extends upwardly and that the other legs of each pair of parallel angle irons extend toward each other and are adapted to support a drawer of a filing cabinet, the upper edges of the upwardly extending legs of the angles of the two squares being located at the same level as the upper surface of the table top.

2,452,292
PRESSURE INTENSIFIER
Walter P. Cousino, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application August 25, 1944, Serial No. 551,191
10 Claims. (Cl. 60—54.5)

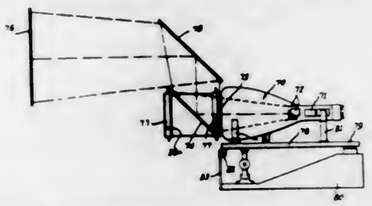
10. In combination, a first piston having a pressure-receiving area, a second piston having one end provided with a first pressure-receiving area smaller than and opposed to the pressure-receiving area of the first piston, means slidably mounting the first piston and forming an enclosed space between the area of the first piston and the first area of the second piston, means slidably mounting the second piston and enclosing a space between itself and a second pressure-receiving area at the opposite end of the second piston, the second piston having a through passage extending between the aforementioned ends thereof, means for supplying fluid under pressure

through the passage in the second piston and into the space betwen the pistons for shifting the first piston, means for thereafter closing the passage in the second piston to lock fluid in the space between the pistons, and means for thereafter



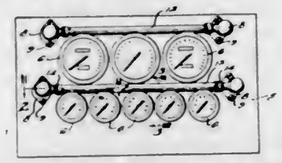
supplying fluid under pressure against the second pressure-receiving area of the second piston for shifting the second piston and applying pressure against the second piston through compression of the fluid between the pistons.

2,452,293
COLOR TELEVISION SYSTEM
Lee de Forest, Los Angeles, Calif.
Application January 15, 1945, Serial No. 572,863
9 Claims. (Cl. 178—5.4)



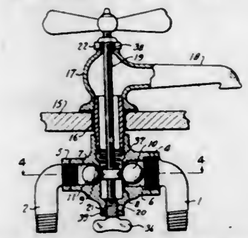
1. In a color television system which includes a cathode beam tube having means for generating a cathode beam and having means for moving the beam along parallel paths, the combination of: a movable filter disposed adjacent the cathode beam tube, said filter comprising a plurality of sequentially arranged stripes of different colors, said stripes being perpendicular to the direction of movement of the cathode beam; and means for moving said filter at a uniform speed in a direction perpendicular to said stripes.

2,452,294
INSTRUMENT LIGHTING
John B. Dickson, Highland Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application July 16, 1945, Serial No. 605,202
2 Claims. (Cl. 240—8.16)



1. In a panel including a plurality of dial faces to be illuminated, a source of light mounted on said panel, a housing for said source having an opening, a sleeve carried by said housing in registration with said opening, a transparent rod arranged lengthwise in juxtaposed relation to said dial faces and having one end thereof disposed at said casing opening to receive light rays from said source and supported in said sleeve, said rod having an external surface for optically transmitting light rays from said one rod end toward the other end by internal reflection thereof, a coating of paint in optical contact with selected portions of said rod surface respectively registering with said dial faces operable to effect reflection of light rays externally of said rod at locations thereof opposite said painted surface portions, and a light impervious casing for said rod having an end portion telescoping said sleeve for support thereby and having openings therein at said locations for the passage of externally reflected light rays, and otherwise constituting a shield for said rod throughout the length thereof including said coated surfaces.

2,452,295
FAUCET
George S. Elliott, Detroit, Mich.
Application October 10, 1947, Serial No. 779,107
3 Claims. (Cl. 277—20)

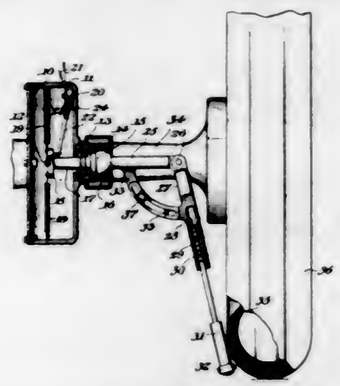


1. A mixing type valve for hot and cold water control comprising, a body having a substantially central chamber therein, two substantially oppositely disposed valve chambers in the body for connection to hot and cold water supply pipes, said valve chambers opening into the central chamber, a valve member in each valve chamber, a seat in each valve chamber upon which the valve members seat to close the chambers, outlet means leading from the chamber, an operating stem journalled near one end and having an accessible operating stem, said stem extending through the chamber, a cam construction on the stem at the location of the valve members having two substantially opposite lobes and a single lobe positioned substantially midway between the two opposite lobes, dwell portions between the lobes, said lobes being operable on the valve members to displace the valve members from their seats, the dwells being inoperable on the valve members, whereby both valves may be opened by the opposite lobes and one valve opened by said one lobe, and adjustable means for piloting the end of the stem opposite the journalled end and operable to adjustably shift the piloted end of the valve stem between the two valve chambers whereby the degree of opening of the two valve members relative to each other may be varied.

2,452,296
PRESSURE INDICATOR
Wallace Vernard Eslinger and William Nathaniel Barton, Arlington, Va.; said Wallace Vernard Eslinger assignor to Genevieve B. Eslinger, Falls Church, Va.
Application August 22, 1944, Serial No. 550,658
3 Claims. (Cl. 200—58)

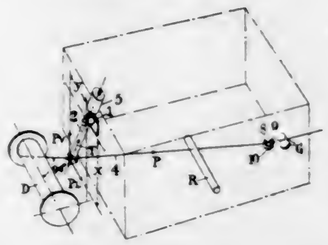
1. In a wheeled vehicle having pneumatic tires, a tire deflation indicator comprising a deflation

response unit adapted to be mounted on said vehicle adjacent one of its wheels, said unit comprising tire contacting means normally positioned to be engaged by the inner side wall of the tire on said wheel when under-inflated at an area adjacent the point of traction between said tire and the ground, primary supporting means holding said contacting means for resilient limited axial movement in one plane, secondary supporting



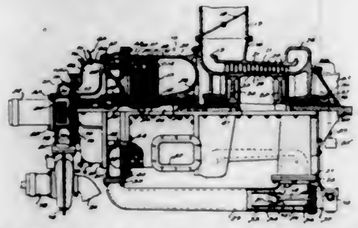
means holding said primary supporting means for resilient limited movement in other planes, a switch arm arranged in operating engagement with said secondary supporting means and normally held in neutral position, whereby any movement of said secondary means out of its normal position caused by tire deflation will move said switch arm out of its neutral position and into an indicating circuit closing position.

2,452,297
WINCH AND THE LIKE
Felix Gaye, Broadmoor, near Dorking, England
Application March 21, 1945, Serial No. 583,891
In Great Britain June 10, 1944
5 Claims. (Cl. 242—158)



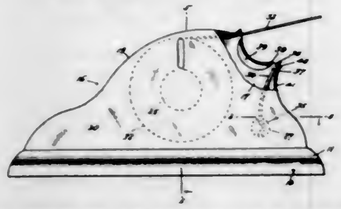
1. Paying-on gear for winding apparatus of the kind referred to comprising a horizontally disposed winding member, a tensioner for the cable, a member between said winding member and said tensioner pivoted at a point above the winding member so as to be freely swingable in the manner of a pendulum in a plane substantially parallel to the axis of said winding member, and means on the lower end of said pivoted pendulum member and situated at a point lower than the winding member to engage the cable throughout the winding operation.

2,452,298
STARTER
Gilbert C. Goode, Birmingham, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application October 20, 1944, Serial No. 559,644
3 Claims. (Cl. 60—41)



3. A starter for a gas turbine of the continuous flow type comprising a rotatable impeller and a continuously operating burner for continuously producing gas to be directed continuously against the impeller to maintain the same in a certain speed range, the starter comprising a motor secured to the shaft for initiating rotation of the shaft and impeller and bringing them to an intermediate speed below the certain speed range, and a burner of the combustion chamber type for supplying gaseous products of combustion to the impeller to bring it from the intermediate speed to the certain speed range.

2,452,299
TAPE DISPENSER
Howard C. Gould, Brooklyn, N. Y.
Application November 8, 1945, Serial No. 627,444
10 Claims. (Cl. 164—84.5)

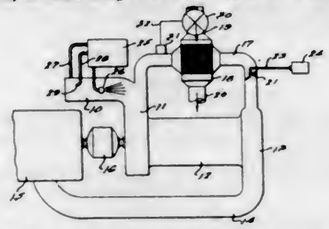


1. A dispenser for strip material including a case, means within the case for supporting for rotation, a supply of strip material, said case having an opening through which the strip material may be fed, a cutter extending through a slot in the case and spring-pressed against one side thereof away from the supply and adapted to be moved against the other side of the slot when the strip material is fed out and pressed against the projecting edge of the cutter in a direction toward the supply, whereby when the strip is severed, the cutter immediately returns to its initial position to disengage itself from the projecting unsevered end portion of the strip material.

2,452,300
SUPERCHARGER
Alexander G. Herreshoff, Grosse Pointe, and Allen C. Staley, Birmingham, Mich., assignors to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application April 13, 1944, Serial No. 530,930
9 Claims. (Cl. 123—119)

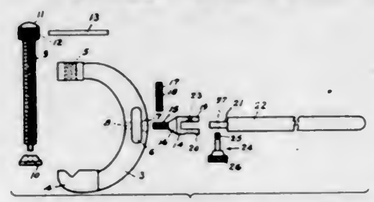
1. In combination, a supercharger, an inlet line leading to the supercharger, an engine, a delivery

line leading from the supercharger to the engine, means for introducing fuel for the engine in the inlet line, means responsive to rate of flow of air



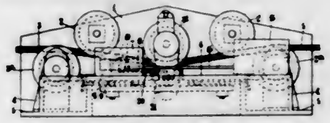
in the inlet line for controlling the fuel-introducing means, a by-pass for the supercharger leading from the delivery line to the inlet line, and cooling means associated with the by-pass.

2,452,301
DIAL TEST INDICATOR CLAMP
Millard E. Hester, Seattle, Wash.
Application August 8, 1945, Serial No. 609,673
4 Claims. (Cl. 248—226)



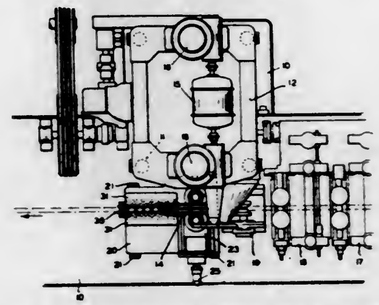
1. A dial test indicator clamp comprising a C clamp; a post rotatively connected with the frame member of the C clamp and intermediate the ends thereof; adjustable locking means securing said post to said C clamp; a dial indicator supporting beam hinged to said post; and adjustable locking means securing said beam to said post.

2,452,302
CABLE TENSIOMETER
Herbert Hitchen, Doncaster, England, assignor to British Ropes Limited, Doncaster, England
Application November 13, 1944, Serial No. 563,228
In Great Britain July 16, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires July 16, 1963
1 Claim. (Cl. 73—144)



A cable tensiometer comprising a frame, a resilient bar rigidly secured at each of its ends to the frame, two pulleys mounted on the frame for rotation about spaced parallel axes, a member engaging the bar intermediate its length, bearings in the member, a third pulley mounted in said bearings for rotation about an axis between and parallel to said axes, the lower peripheral portion of said third pulley being below the lower peripheral portions of the said two pulleys, two additional pulleys mounted on the frame for rotation about axes parallel to said previously recited axes, all of said pulleys lying in a common plane, said two additional pulleys being positioned respectively outwardly of said two pulleys and with their upper peripheral portions above the lower peripheral portions of said two pulleys whereby a tensioned cable passing over the said two additional pulleys is maintained in contact with the lower peripheral portions of the three first mentioned pulleys and means for indicating the deflection of said resilient bar.

2,452,303
MULTIPLE WELDING PRESSURE ROLL ASSEMBLY FOR ELECTRIC WELD TUBE MILLS
Carl J. Honen, Youngstown, Ohio, assignor to The McKay Machine Company, Youngstown, Ohio, a corporation of Ohio
Application December 18, 1947, Serial No. 792,471
8 Claims. (Cl. 219—6)



1. In a continuous butt-weld tube mill having a welding station comprising a base and a pair of rotary electrodes for engaging the stock on opposite sides of the cleft to be welded the combination of a multiple pressure roll assembly comprising a base adapted to be detachably secured to said first mentioned base below said rotary electrodes, a pair of pressure rolls journaled on said second mentioned base for rotation about spaced axes positioned on opposite sides of the cleft being welded, said pair of rolls engaging the tube in a transverse plane closely adjacent the points of contact of said electrodes with said tube, a pair of spaced parallel outwardly extending ways on said second mentioned base, an elongated bar mounting a plurality of closely spaced pressure rolls slideably received in each of said ways for lateral movement toward and away from each other, and means for adjustably and yieldably urging said bars toward each other whereby the rolls carried thereby will apply compressive pressure to said tube on opposite sides of the welded cleft thereof.

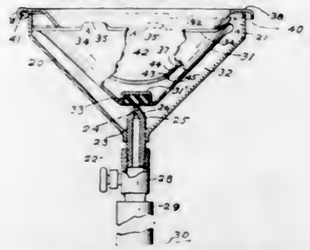
2,452,304
PHONOGRAPH NEEDLE
William H. Hutter, Wheaton, Ill.
Application August 19, 1947, Serial No. 769,476
8 Claims. (Cl. 274—38)



1. A phonograph needle comprising a stylus portion, a chuck engaging portion, and a portion connecting said stylus portion and said chuck engaging portion, said connecting portion being

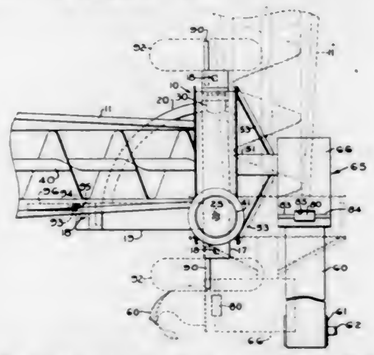
formed from nylon having substantially the same physical characteristics as FM10001 nylon and being of a length of at least one eighth of the total length of the needle.

2,452,305
DRINKING FOUNTAIN
Earl B. Johnson, Freehold, N. J.
Application October 10, 1944, Serial No. 557,987
24 Claims. (Cl. 119—81)



1. In combination, an upwardly open container having an upper edge portion; a reservoir disposed in the container for up and down movement and providing a water space between said reservoir and container and having a substantial margin disposable within and lower than said upper edge portion; said reservoir preventing flow of water from the container into the reservoir except at the upper part thereof; said reservoir being of a shape and weight to be buoyed by water in the container when less than a predetermined small amount of water is in the reservoir, and to sink in the water when the reservoir receives a predetermined larger amount of water from the container; water supply means for the container controlled by the rise and fall of the reservoir; and a cover mounted on the container disposed over the reservoir and said space to prevent undesired material from falling into the reservoir and said space and comprising a bowl-shaped part in and spaced from the reservoir, said bowl-shaped part being provided near its bottom with an opening communicating with the reservoir.

2,452,306
POWER BELT RETAINING DEVICE
Frank D. Jones and Leo G. Cheatum, Ottumwa, Iowa, assignors to Deere Manufacturing Co., a corporation of Iowa
Application May 26, 1947, Serial No. 750,488
11 Claims. (Cl. 74—242.5)



1. In combination with a pulley and a flexible power transmitting element trained thereover, a retaining device for holding said element on said pulley comprising a U-shaped clamping member adapted to straddle said pulley and element thereon, and means for urging said member into clamping engagement.

2,452,307
MUSICAL KEY CONTROL
James A. Koehl, Evanston, Ill., assignor to Central Commercial Company, Chicago, Ill., a corporation of Illinois
Application March 20, 1946, Serial No. 655,649
7 Claims. (Cl. 201—55)



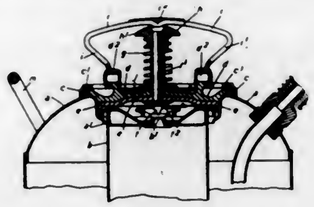
1. An electric switch comprising a variable resistance adapted to be connected in a shunt path across a signal transmission channel; a plurality of fixed contact elements electrically insulated from each other and connected with said resistance in such manner that each individual contact element denotes a predetermined value of resistance in said shunt path; a rocker of conductive material a plurality of movably mounted contact elements mounted on said rocker and disposed for electrical coaction with respective ones of said fixed contact elements; said rocker having a springy portion tending to urge to a position of electrical engagement the second named contact elements with their respective fixed contact elements a common ground for said movably mounted elements and means actuable from a control key for sequentially engaging said movably mounted elements with and similarly, sequentially disengaging same from said fixed elements.

2,452,308
PROCESS OF PLATING PALLADIUM AND PLATING BATH THEREFOR
George C. Lambros, New York, N. Y.
No Drawing. Application February 28, 1946, Serial No. 651,041
5 Claims. (Cl. 204—47)

2. A process of electrodepositing palladium which comprises dissolving freshly precipitated dichlorodiamine palladium in an aqueous solution of cyanide of the group consisting of sodium cyanide and potassium cyanide, said solution containing cyanide in an amount ranging from 0.63 to 0.69 gram of cyanide (CN) per gram of palladium in the form of dichlorodiamine palladium, and from 0.5 to 15 grams of palladium metal per liter, and electrolysing said solution in the presence of said cyanide at a temperature of about 90° C., and replenishing the solution periodically to maintain the palladium content of the solution from 0.5 to 15 grams of metal per liter.

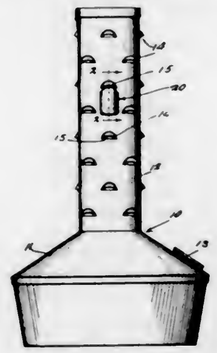
2,452,309
PORTABLE FIRE EXTINGUISHER
Harold C. Leech and Thomas A. Henshaw, Elland, England
Application December 9, 1944, Serial No. 567,373
In Great Britain December 9, 1943
2 Claims. (Cl. 169—31)

1. A closure for fire extinguishers which are characterized by an outer container having a charging opening for liquid and an inner container for a propellant gas or for a liquid capable of combining with that in the outer container to generate a propellant gas, said closure comprising a cover plate adapted to seal the charging opening in the outer container having radial projections extending from said cover plate, an outer container-carried ring surrounding the said charging opening, said ring having an interrupted flange with which the projections on the said cover plate are adapted to co-operate to hold the cover plate in position, a handle pivoted to the outer side of the cover plate, a central projection on said handle, a longitudinally-slidable



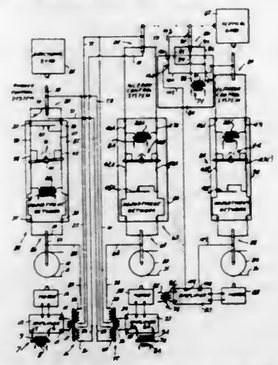
piercer member adapted to release the contents of the inner container, a spring acting to hold the piercer member in inoperative position, an operating knob to enable the piercer member to be moved against the action of the spring, and a depression in the outer face of said knob with which the projection on the handle is adapted, when the latter is in raised position, to engage and depress the piercer member slightly against the action of the spring, so that the handle is held in engagement with the knob and accidental operation of the piercer member thus prevented.

2,452,310
HEATER STARTING AND LIGHTING DEVICE
James Gibson Lindsay, San Dimas, Calif., assignor to Fay C. Marchant, San Dimas, Calif.
Application August 30, 1944, Serial No. 551,881
1 Claim. (Cl. 158—91)



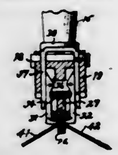
In an ignition device an orchard heater having a cylindrical upright stack and provided with draft louvres therein, a cup-like receptacle having a concave side adapted to conform to the radius of curvature of said stack, an extending tongue affixed to an upper portion of said receptacle and mounted on one of said draft louvres to support the cup on the side of the heater stack, and an upwardly extending portion of said receptacle forming a windshield opposite said tongue and adapted to extend substantially to said one of said louvres and shield the same.

2,452,311
ELECTRIC MOTOR CONTROL APPARATUS
David L. Markusen, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application February 8, 1943, Serial No. 475,113
5 Claims. (Cl. 318—29)



5. An electrical control apparatus which includes first and second motors to be operated; first and second control means connected to said first and second motors respectively, for operation thereof; a plurality of adjustable control networks each having a plurality of pairs of output connections the polarity across each pair of connections in any half cycle depending on the adjustment of said networks; a first transformer having a secondary winding connected to said first control means, a first primary winding connected across a pair of output connections of one network, and a second primary winding connected across a pair of output connections of a second network; a second transformer having a secondary winding connected to said second control means, a first primary winding connected across another pair of connections of said first network, and a second primary connected across another pair of connections of the second network.

2,452,312
SEAM OPENING DEVICE
Ray H. McMurray, Oakland, Calif.
Application June 15, 1946, Serial No. 676,995
8 Claims. (Cl. 164—47)



1. In a seam opening device of the character described, the combination of a blade supporting means, a thread cutting blade mounted upon said blade supporting means against which the threads of a stitched seam may be moved, an anvil-like member carried by said supporting means over which a seam to be opened may be moved toward said blade, said anvil-like member having a relatively thin seam thread supporting edge extending in co-planer relation with the cutting edge of said blade, an overhanging projection likewise extending outwardly from said blade supporting means and in spaced relation to said anvil-like member under which a seam to be opened may pass, and a blade-like seam spreading guide mounted upon

said overhanging projection in spaced relation to said anvil-like member, the spacing between said seam spreading guide and said anvil-like member approximating the dimension of the threads of the seam stitching, whereby the goods at said seam will be prevented from engaging said thread cutting blade.

2,452,313
PLASTICIZED PROLAMINE-BASE PROTEIN COMPOSITIONS

Willard L. Morgan, Columbus, and Carl R. Faelten, Clinton Township, Franklin County, Ohio, assignors, by direct and mesne assignments, to American Maize-Products Company, a corporation of Maine

No Drawing. Application March 5, 1945, Serial No. 581,188
19 Claims. (Cl. 106—153)

1. A plasticized "prolamine-base" protein composition comprising plasticized "prolamine-base" protein having as plasticizer organic carboxylic amide substituted on the nitrogen atom with at least one alkyl radical containing an amine radical selected from the group consisting of —NH_2 and =NH.

2,452,314
PLASTICIZED PROLAMINE-BASE PROTEIN COMPOSITIONS

Willard L. Morgan, Columbus, Ohio, assignor, by direct and mesne assignments, to American Maize-Products Company, a corporation of Maine

No Drawing. Application March 5, 1945, Serial No. 581,190
24 Claims. (Cl. 106—153)

1. A plasticized "prolamine-base" protein composition comprising plasticized "prolamine-base" protein having as plasticizer therefor ether phenol in which the total number of carbon atoms in the molecule is not in excess of 18.

2,452,315
PLASTICIZED PROLAMINE-BASE PROTEIN COMPOSITIONS

Willard L. Morgan, Columbus, and Carl R. Faelten, Clinton Township, Franklin County, Ohio, assignors, by direct and mesne assignments, to American Maize-Products Company, a corporation of Maine

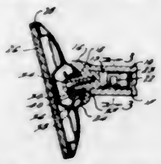
No Drawing. Application April 9, 1945, Serial No. 587,436
23 Claims. (Cl. 106—153)

1. A plasticized "prolamine-base" protein composition comprising plasticized "prolamine-base" protein having as plasticizer cyclic imide in which the total number of carbon atoms in the molecule is in the range from 4 through 14.

2,452,316
ADJUSTABLE SUPPORT

Charles E. Morley, Detroit, Mich.

Application February 12, 1948, Serial No. 7,822
9 Claims. (Cl. 248—205)

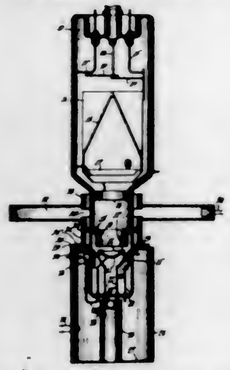


1. Adjustable supporting means of the ball and socket type comprising in combination with a supporting element, a socketed member having a generally spherical socket therein rotatably secured to said element for bodily rotation about a predetermined axis, said socket being angularly tilted with respect to said axis, and a coacting partly spherical ball portion slidably interfitted with said socket for rocking and rotary adjustment with relation to said socketed member and for bodily rotation therewith.

2,452,317
ELECTRON DISCHARGE DEVICE EMPLOYING CAVITY RESONATORS

Leon S. Nergaard, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application December 14, 1943, Serial No. 514,206
8 Claims. (Cl. 315—5)

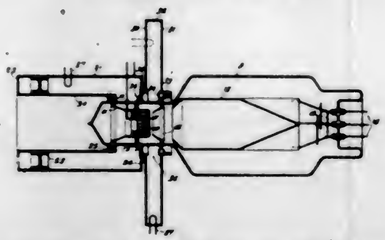


1. An electron discharge device having a cathode electrode, grid electrode and another electrode aligned in the order named, said cathode electrode having lead and support conductors, said grid electrode having lead and support conductors extending across but out of contact with the cathode conductors, a cavity resonator coupled between the grid conductors and cathode conductors on the opposite side of the crossed-over portions from said grid electrode and cathode electrode.

2,452,318
ELECTRON DISCHARGE DEVICE UTILIZING CAVITY RESONATORS

Leon S. Nergaard, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application March 27, 1944, Serial No. 528,195
7 Claims. (Cl. 315—6)



1. An electron discharge device having an envelope containing a cathode, a hollow grid assembly and another electrode, all in order named, said grid assembly including a collar member, said cathode being insulatingly supported solely from said grid assembly and enclosed entirely within said grid assembly, conducting means connected to said collar member, conducting means connected to said cathode and extending through said grid assembly but out of contact therewith, and a cavity resonator coupled between both said conducting means.

2,452,319
RUST AND OXIDATION INHIBITED LUBRICATING COMPOSITIONS

John A. Patterson and Herman D. Kluge, Beacon, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

No Drawing. Application December 8, 1943, Serial No. 513,466
4 Claims. (Cl. 252—49.6)

1. A lubricating oil composition having superior anti-oxidant and anti-rusting properties in the presence of water comprising as essential ingredients a hydrocarbon oil possessing lubricating properties and having incorporated therein about 0.01–5.0% by weight, on the basis of the lubricating composition, of an alkyl substituted diamino diphenyl methane, about 0.005–3.0% by weight of an oil-miscible dicarboxylic acid having at least 10 carbon atoms in the molecule and a plane symmetrical configuration, and about 0.0001–2.5% by weight of an oil-miscible alkyl acid phosphate containing at least 10 carbon atoms in the alkyl portion thereof.

2,452,320
OXIDATION-INHIBITED LUBRICATING COMPOSITIONS

Herman D. Kluge and John A. Patterson, Wappingers Falls, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

No Drawing. Application November 30, 1945, Serial No. 632,106. In Canada December 2, 1944
7 Claims. (Cl. 252—51.5)

1. A lubricating composition having superior anti-oxidant properties in the presence of water comprising a mineral lubricating oil as the major constituent, about 0.005–3.0% by weight of an oil-miscible alkyl maleic acid having at least 10 carbon atoms in the molecule, and about 0.01–5.0% by weight of an alkyl substituted diamino diphenyl alkane, wherein the said alkyl substituent contains from 1 to 5 carbon atoms and the said alkane is selected from the group consisting of methane and ethane.

2,452,321
RUST PREVENTIVE COMPOSITION

Herman D. Kluge, Wappingers Falls, and John A. Patterson, Newburgh, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

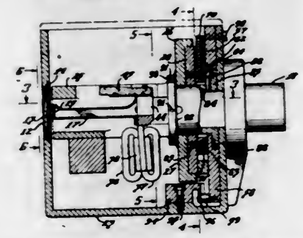
No Drawing. Original application November 5, 1943, Serial No. 509,122. Divided and this application July 18, 1947, Serial No. 762,008
8 Claims. (Cl. 148—6.15)

1. A method of preventing rust formation of metal surfaces in the presence of salt water which comprises applying to metal surfaces an oleaginous vehicle having incorporated therein a combination of 0.01–3.0% by weight of an oil-miscible dicarboxylic acid containing at least 10 carbon atoms in which the carboxyl groups are in a plane symmetrical configuration, and 0.0001–5.0% by weight of an alkyl acid phosphate in which the alkyl portions thereof contain a total of at least 10 carbon atoms.

2,452,322
LIGHT MODULATOR MOUNT

James Lawrence Pettus, Sherman Oaks, Calif., assignor to Radio Corporation of America, a corporation of Delaware

Application April 4, 1947, Serial No. 739,484
7 Claims. (Cl. 88—61)

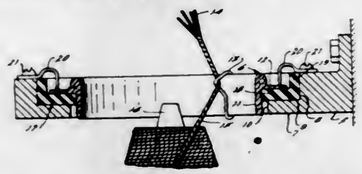


1. A light modulator and mount therefor comprising a motor element, a light modulating element vibratable by said motor element, a frame for supporting said elements in an optical system, and a mounting means for said frame, said means including transversely adjustable plates and a rotatable ring for adjusting said light modulating element in transverse directions at right angles to one another and rotationally.

2,452,323
SPINNING RING

George E. Platzer, Springfield, Mass., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application December 27, 1947, Serial No. 794,139
6 Claims. (Cl. 57—120)



1. In combination, a spinner ring of the type adapted to support a traveler for revolving movement thereabout and formed from a mass of sintered powdered metal having a porosity sufficient to transmit liquid lubricant by capillary action, said ring including an annular main body adapted to be engaged by the traveler during its revolving movement and a radially outwardly directed flange adapted to receive lubricant at one face thereof and transmit the same by capillary action to said main body, a support for the ring, and a seal engaged with said support and with the other face of said flange for preventing access of the liquid lubricant received by said flange to said support.

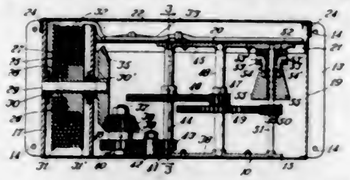
2,452,324
FIRE ESCAPE

Francis Edward Rose, Drexel Hill, Pa.

Application November 24, 1947, Serial No. 787,703
6 Claims. (Cl. 254—151)

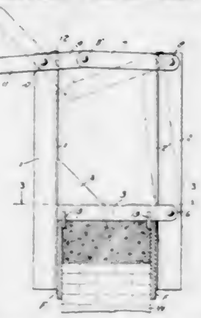
1. A fire escape device adapted to safely lower persons from the upper floors of buildings to the ground, comprising drum means mounted for rotation and having a stepped core of at least two different diameters, cable means secured to said core and adapted to be coupled at its free end to the person to be lowered, said cable being wound

in progressive layers about the smaller diameter portion of said core forming a coil of the diameter of said larger diameter portion of said core and then wound by layers over the total length of



said core forming a coil surrounding and contiguous with said first mentioned coil, and means operative to maintain the speed of rotation of said drum means substantially constant.

2,452,325
FORM-SECURING CLAMP
Robert F. Rosser, Miami, Fla.
Application May 10, 1946, Serial No. 668,714
1 Claim. (Cl. 25—131)

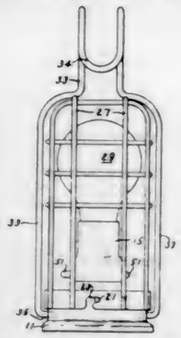


Form clamp for concrete work comprising two struts of T cross section, the heads of said struts constituting bearing faces, an arm projecting perpendicularly from the bearing face of one strut intermediate its ends, the second strut having a portion of its head intermediate its ends cut away, spaced lugs secured on the arm and projecting below the edge thereof, to constitute form-engaging members, a pivotal connection between the end of the arm and the web of the second strut, and two pivoted toggle levers, the end of one of said toggle levers pivoted to the end of one strut and the other toggle lever pivoted intermediate its ends to the end of the other strut.

2,452,326
CONTROLLED OXIDATION OF PARAFFINIC HYDROCARBONS
Frederick F. Rust and William E. Vaughan, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application January 30, 1943, Serial No. 474,220
8 Claims. (Cl. 260—533)

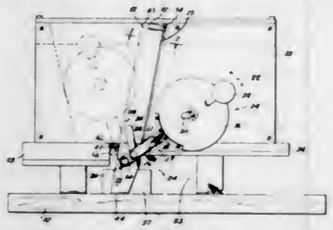
8. In a process for the production of oxygenated organic compounds, the steps of subjecting a saturated aliphatic hydrocarbon containing two to five carbon atoms per molecule to the action of oxygen in the presence of hydrogen bromide, and effecting the reaction at a temperature between about 100° C. and the temperature at which spontaneous combustion and the resultant decomposition of the hydrocarbon will occur.

2,452,327
MULTIPURPOSE LIGHT
Robert T. Sand, Detroit, Mich., assignor of forty per cent to Frederick T. Hicks, Detroit, Mich.
Application July 2, 1945, Serial No. 602,709
3 Claims. (Cl. 240—11.2)



1. A multi-purpose light comprising, a base dished to constitute a reflector and to contain an electric light socket and having outwardly exposed sidewalls, a lamp guard cage having a top portion and having a lower portion adapted to clamp around the sidewalls of said base for protecting a lamp in the socket, and means to lock the cage to the base comprising a handle bail having bottom ends pivotally mounted in the base and straight sides with a top portion having shoulders, the bail being swingable to bring the shoulders into snug engagement with the top of the cage.

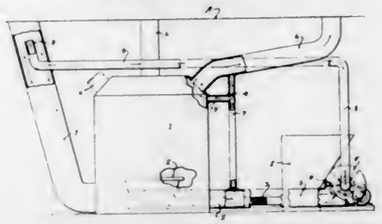
2,452,328
FOOD CUTTING UTENSIL
Karl Schatz, Peekskill, N. Y.
Application January 9, 1946, Serial No. 639,939
9 Claims. (Cl. 146—169)



8. In a food cutting utensil in combination a base; a flat body member mounted on said base and provided with two flat faces and a slot; a cutting blade mounted in said slot; a turnable food holder for holding the food during cutting; first pivot means turnably securing said food holder to said body member so that said food holder is adapted to move to and fro in a turning plane being parallel to and at a slight distance from one of said flat faces of said body member; a food holding member forming part of said food holder; second pivot means forming also part of said food holder and constructed and arranged so as to enable tilting of said food holding member about an axis being parallel to said turning plane of said food holder, thus enabling tilting of said food holding member away from said flat body member; a tiltable receiving plate mounted adjacent to the other face of said flat body member in such a manner as to be adapted to receive

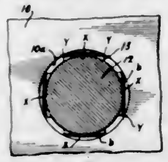
the cut food; and motion transmitting means connecting said turnable food holder adjacent to one of said flat faces of said flat body member with said receiving plate adjacent to the other of said flat faces of said flat body member in such a manner as to be adapted to tilt said receiving plate towards said flat body member once each time said food holder is moved in said turning plane past said cutting blade.

2,452,329
STOKER CONTROLLED HEATING SYSTEM
Otto R. Schwantes, Milwaukee, Wis.
Application September 16, 1946, Serial No. 697,219
1 Claim. (Cl. 237—53)



In a hot air compartment heating system having a furnace including an air intake duct communicating with the bottom of the furnace, hot air compartment flues of different lengths communicating with the furnace dome, a fuel stoker associated with the furnace fire pot having a fan, an air supply pipe communicating with the fan and fire pot of the furnace; the combination of an air forced feed for certain of the hot air compartment flues, comprising a restricted forced feed air pipe connecting the stoker air supply pipe and one or more of the lazy compartment flues adjacent the furnace dome, a branch pipe connecting the restricted forced feed pipe and furnace dome and a valve in said forced feed pipe for selectively directing air from the restricted forced feed pipe to the dome or to a lazy hot air flue, whereby an auxiliary current of hot air is discharged from the lazy pipe flue mouth.

2,452,330
FASTENER
Winsor Shippee and Carl C. Shippee, Fair Haven, N. J.
Application January 1, 1945, Serial No. 570,865
6 Claims. (Cl. 85—5)



2. A fastener for use in a circular hole comprising a member having a base, four upstanding longitudinally-bowed band-like legs on said base, said legs defining a socket of square cross section substantially as long as said legs and being of sufficient width to form leaf-spring chords in the hole with the free edges only of the legs engaging the periphery of said aperture, said socket being adapted to be expanded outwardly by insertion of a pin therein of a size producing transverse bowing of the leaf-spring chords into gripping engagement with the circular hole.

2,452,331
FASTENER
Winsor Shippee, Fair Haven, N. J.
Application January 1, 1945, Serial No. 570,866
4 Claims. (Cl. 24—73)



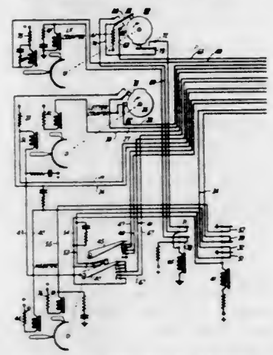
1. A fastener comprising a one-piece metal member having a split circular head portion composed of a plurality of pieces but defining a substantially complete circumference, a plurality of legs joining the split head pieces and projecting from the central part of said head to form a stem on the member, said head having a depending peripheral skirt with an inturned edge providing a locking shoulder, and each leg being in the form of a flat ribbon with a locking shoulder opposing said edge of the skirt to cooperate therewith in attaching the member.

2,452,332
NAIL HOLDING TOOL
Paul Siptrott, New York, N. Y.
Application December 12, 1947, Serial No. 791,215
3 Claims. (Cl. 1—47)



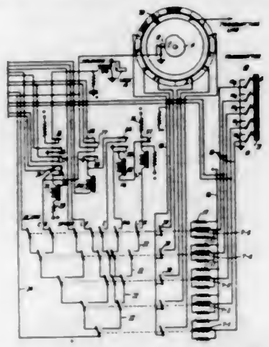
1. A nail holding tool comprising two members, having curved portions to form a handle-grip, slightly bent and tapered sections contiguous to the latter, said sections terminate in flat end portions, horizontal relative to said tapered portions, and being formed with graduated apertures therein, and a spring fixedly connecting the two members together.

2,452,333
TELEGRAPHIC CODE TRANSMITTER
James A. Spencer, Teaneck, N. J., and Claude L. Kennedy, Patchogue, and Lewis A. Thomas, Brooklyn, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application February 11, 1947, Serial No. 727,880
3 Claims. (Cl. 178—3)

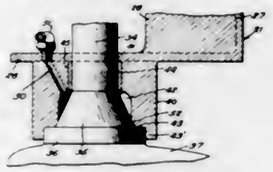


1. In a telegraph printing system utilizing a fixed unit signal code, a tape transmitter having a distributor, a relay for each unit of said code connected so as to establish a potential on an

element of said distributor when energized, means energizing said relays in accordance with the signal characters to be transmitted by said transmitter, means counting the signal characters transmitted, means operated by said counting means interrupting the transmission of said signal characters after the transmission of a predetermined number of said signal characters, means operated by said counting means energizing said relays during said interruption in accordance with function performing characters not appearing in said signal characters whereby said distributor transmits said function performing characters during said interruption and means operated by said counting means reestablishing the transmission of said signal characters after the transmission of said function performing characters.



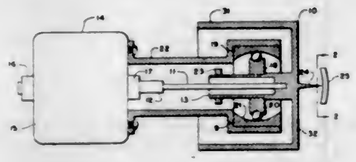
2,452,334
RUDDER ASSEMBLY
Theodore Sprague, IV, New Orleans, La., assignor to Andrew J. Higgins, New Orleans, La.
Application November 23, 1945, Serial No. 630,159
7 Claims. (Cl. 114—169)



1. A rudder assembly comprising a bracket having bearings thereon, a rudder stock mounted in the bearings, one of the bearings being in the form of a sleeve depending from said bracket, said stock having a frusto-conical portion in the sleeve, said sleeve adjacent the frusto-conical portion being hollowed out to form an annular chamber for lubricant, and a flange on the stock at the base of the conical portion, the sleeve having a shouldered recess neatly fitting said flange.

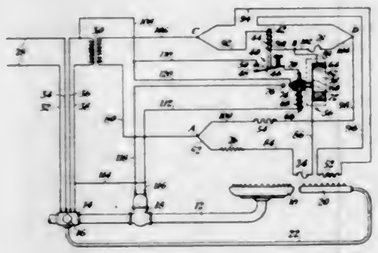
2,452,335
TWO-AXIS RATE GYRO
George H. Stoner, Seattle, Wash., assignor to Boeing Airplane Company, a corporation of Delaware
Application December 26, 1945, Serial No. 637,277
5 Claims. (Cl. 33—204)

5. A rate gyro comprising a driving means including a housing and a shaft journaled therein, a gyro wheel mounted on said housing for free rotation about any axis within a cone of freedom about the axis of the shaft, and a resilient rod connecting the gyro wheel with the shaft, whereby



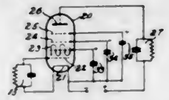
deflection of the spin axis of the gyro wheel with respect to said shaft is resiliently restrained and said deflection is an indication of the angular rotation rate of the housing about any axis perpendicular to the shaft.

2,452,336
SAFETY CONTROL AND IGNITION SYSTEM FOR FUEL BURNERS
Charles K. Strobel, Pittsburgh, Pa., assignor to Robertshaw-Fulton Controls Company, a corporation of Delaware
Application April 19, 1947, Serial No. 742,522
7 Claims. (Cl. 158—117.1)



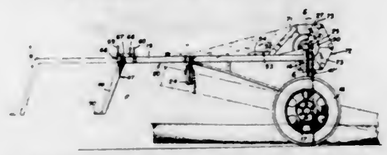
4. Safety control apparatus for fuel burners having main and pilot burners, comprising the combination with an electrical bridge circuit including a control relay having contact means operable from closed to open position in response to a variation in the energy value supplied to said relay, switching means operable from closed to open position for causing a variation in the total circuit resistance sufficient to cause said operation of said contact means, and a thermal resistor responsive to the presence of a flame at the pilot burner for varying in resistance value sufficient to compensate for said variation and prevent said contact operation, of a thermal timing element operatively associated with said switching means for causing said operation thereof upon expiration of a predetermined period during which said thermal resistor has time to become responsive to said flame, a heater coil for said timing element connected in circuit with said contact means for initiating said period in the closed position of said contact means, electrically operable means for controlling the supply of fuel to the main burner, and second switching means operatively associated with said timing element for completing a circuit in parallel with the last said circuit for energizing said electrically operable means while said contact means remain in said closed position.

2,452,337
CIRCUIT ARRANGEMENT FOR THE AMPLIFICATION, FREQUENCY-TRANSFORMATION, OR PRODUCTION OF ULTRA HIGH FREQUENCY OSCILLATIONS
Maximiliaan Julius Otto Strutt and Aldert van der Ziel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application May 21, 1943, Serial No. 487,978
In the Netherlands August 20, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires August 20, 1961
3 Claims. (Cl. 250—27)



1. A circuit arrangement for the translation of ultra-high-frequency oscillations comprising a discharge tube which successively contains a cathode, a signal control grid, a first positive grid, a negative grid, a second positive grid and an anode, a resonant input circuit tuned to the frequency of the oscillations and connected between said cathode and said control grid, an output load circuit connected to said anode, said control grid having a negative potential or cathode potential, and all grids except the control grid being at cathode potential with respect to radio frequencies, said grids and anode being so constructed and arranged and the direct current voltages applied thereto being so chosen that the electrons, at least for the greater part, perform an oscillatory movement through said first positive grid and within a region defined by said control grid and said negative grid, the electrons passing several times through said first positive grid and the frequency of this oscillatory movement being so related to the operating frequency of the circuit that a decrease in input damping and an increase in dynamic mutual conductance is obtained.

2,452,338
LOGGING CART
Alonzo Z. Thompson, Selma, N. C.
Application February 14, 1947, Serial No. 728,453
8 Claims. (Cl. 214—65.3)



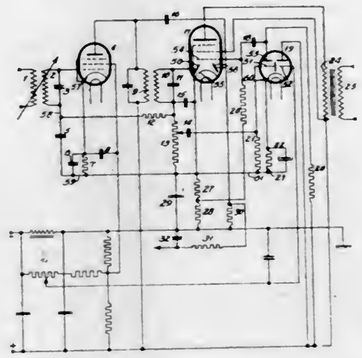
1. A logging cart which includes an arched axle, supporting wheels at opposite ends of the axle, a main tongue extending forwardly from the axle, a draft tongue mounted in the main tongue to move along an axis which lies perpendicular to the axle, a drum mounted to rotate on the axle about an axis which lies perpendicular to the direction of movement of the draft tongue, a logging chain attached at opposite ends to the drum, means extending between the draft tongue and the drum to rotate the drum and wind the logging chain thereon when the draft tongue is extended under the influence of pull exerted thereon, a latch adjacent the forward end of the main tongue releasably to hold the draft tongue against movement when pull is exerted thereon and a latch adjacent the rear end of the draft tongue releasably to hold it extended.

2,452,339
APPARATUS FOR PRINTING AND DRYING OF TEXTILE FABRICS
William Frank Uhlig, Newburgh, N. Y.
Application February 14, 1946, Serial No. 647,472
7 Claims. (Cl. 101—407)



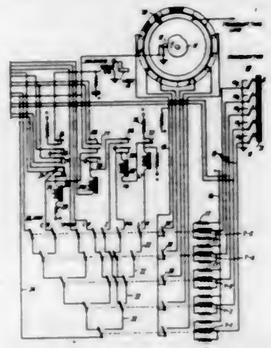
1. An apparatus for printing and drying textile fabric which comprises a printing table, a drying chamber disposed beneath the table, means for pulling successive sections of a continuous sheet of material across the table to be printed, means at one end of the table for snubbing the material uniformly across its entire width, means at the other end of the table for adjusting the material to adjust the woof threads therein, and means within the chamber to suspend at least two lengths of material therein while another length is on the table being printed.

2,452,340
RADIO RECEIVER CIRCUIT ARRANGEMENT
Jan van der Heem, The Hague, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application January 20, 1943, Serial No. 473,026
In the Netherlands January 29, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires January 29, 1961
4 Claims. (Cl. 250—20)



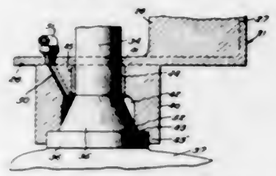
1. A radio receiver circuit arrangement comprising an electron-discharge tube having a control grid, three anodes and a cathode common to the control grid and the anodes to provide signal detection diode elements, automatic volume control diode elements and amplifier elements, a detector load resistance coupled to the said signal detection diode elements, a volume control load resistance coupled to the anode of the automatic volume control diode elements and to earth, a cathode resistance interconnecting the said cathode and earth and providing a negative grid voltage for the said control grid and a retarding voltage for automatic volume control, and an amplifier tube having a control grid coupled to the detector load resistance and a cathode connected to the junction of said cathode resistance and the said common cathode.

element of said distributor when energized, means energizing said relays in accordance with the signal characters to be transmitted by said transmitter, means counting the signal characters transmitted, means operated by said counting means interrupting the transmission of said signal characters after the transmission of a predetermined number of said signal characters, means operated by said counting means energiz-



ing said relays during said interruption in accordance with function performing characters not appearing in said signal characters whereby said distributor transmits said function performing characters during said interruption and means operated by said counting means reestablishing the transmission of said signal characters after the transmission of said function performing characters.

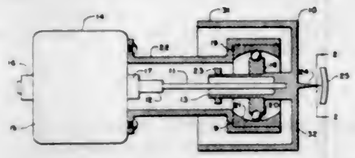
2,452,334
RUDDER ASSEMBLY
Theodore Sprague, IV, New Orleans, La., assignor to Andrew J. Higgins, New Orleans, La.
Application November 23, 1945, Serial No. 630,159
7 Claims. (Cl. 114—169)



1. A rudder assembly comprising a bracket having bearings thereon, a rudder stock mounted in the bearings, one of the bearings being in the form of a sleeve depending from said bracket, said stock having a frusto-conical portion in the sleeve, said sleeve adjacent the frusto-conical portion being hollowed out to form an annular chamber for lubricant, and a flange on the stock at the base of the conical portion, the sleeve having a shouldered recess neatly fitting said flange.

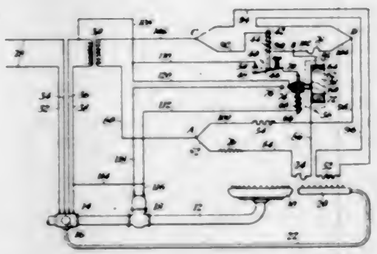
2,452,335
TWO-AXIS RATE GYRO
George H. Stoner, Seattle, Wash., assignor to Boeing Airplane Company, a corporation of Delaware
Application December 26, 1945, Serial No. 637,277
5 Claims. (Cl. 33—204)

5. A rate gyro comprising a driving means including a housing and a shaft journaled therein, a gyro wheel mounted on said housing for free rotation about any axis within a cone of freedom about the axis of the shaft, and a resilient rod connecting the gyro wheel with the shaft, whereby



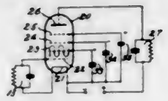
deflection of the spin axis of the gyro wheel with respect to said shaft is resiliently restrained and said deflection is an indication of the angular rotation rate of the housing about any axis perpendicular to the shaft.

2,452,336
SAFETY CONTROL AND IGNITION SYSTEM FOR FUEL BURNERS
Charles K. Strobel, Pittsburgh, Pa., assignor to Robertshaw-Fulton Controls Company, a corporation of Delaware
Application April 19, 1947, Serial No. 742,522
7 Claims. (Cl. 158—117.1)



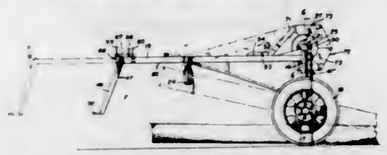
4. Safety control apparatus for fuel burners having main and pilot burners, comprising the combination with an electrical bridge circuit including a control relay having contact means operable from closed to open position in response to a variation in the energy value supplied to said relay, switching means operable from closed to open position for causing a variation in the total circuit resistance sufficient to cause said operation of said contact means, and a thermal resistor responsive to the presence of a flame at the pilot burner for varying in resistance value sufficient to compensate for said variation and prevent said contact operation, of a thermal timing element operatively associated with said switching means for causing said operation thereof upon expiration of a predetermined period during which said thermal resistor has time to become responsive to said flame, a heater coil for said timing element connected in circuit with said contact means for initiating said period in the closed position of said contact means, electrically operable means for controlling the supply of fuel to the main burner, and second switching means operatively associated with said timing element for completing a circuit in parallel with the last said circuit for energizing said electrically operable means while said contact means remain in said closed position.

2,452,337
CIRCUIT ARRANGEMENT FOR THE AMPLIFICATION, FREQUENCY-TRANSFORMATION, OR PRODUCTION OF ULTRA HIGH FREQUENCY OSCILLATIONS
Maximiliaan Julius Otto Strutt and Aldert van der Ziel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application May 21, 1943, Serial No. 487,978
In the Netherlands August 20, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires August 20, 1961
3 Claims. (Cl. 250—27)



1. A circuit arrangement for the translation of ultra-high-frequency oscillations comprising a discharge tube which successively contains a cathode, a signal control grid, a first positive grid, a negative grid, a second positive grid and an anode, a resonant input circuit tuned to the frequency of the oscillations and connected between said cathode and said control grid, an output load circuit connected to said anode, said control grid having a negative potential or cathode potential, and all grids except the control grid being at cathode potential with respect to radio frequencies, said grids and anode being so constructed and arranged and the direct current voltages applied thereto being so chosen that the electrons, at least for the greater part, perform an oscillatory movement through said first positive grid and within a region defined by said control grid and said negative grid, the electrons passing several times through said first positive grid and the frequency of this oscillatory movement being so related to the operating frequency of the circuit that a decrease in input damping and an increase in dynamic mutual conductance is obtained.

2,452,338
LOGGING CART
Alonzo Z. Thompson, Selma, N. C.
Application February 14, 1947, Serial No. 728,453
8 Claims. (Cl. 214—65.3)



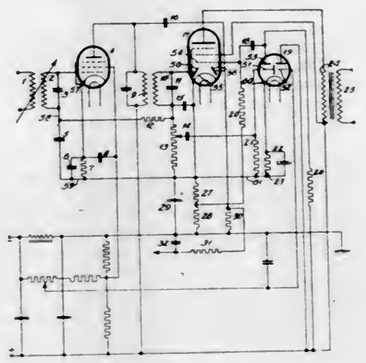
1. A logging cart which includes an arched axle, supporting wheels at opposite ends of the axle, a main tongue extending forwardly from the axle, a draft tongue mounted in the main tongue to move along an axis which lies perpendicular to the axle, a drum mounted to rotate on the axle about an axis which lies perpendicular to the direction of movement of the draft tongue, a logging chain attached at opposite ends to the drum, means extending between the draft tongue and the drum to rotate the drum and wind the logging chain thereon when the draft tongue is extended under the influence of pull exerted thereon, a latch adjacent the forward end of the main tongue releasably to hold the draft tongue against movement when pull is exerted thereon and a latch adjacent the rear end of the draft tongue releasably to hold it extended.

2,452,339
APPARATUS FOR PRINTING AND DRYING OF TEXTILE FABRICS
William Frank Uhlig, Newburgh, N. Y.
Application February 14, 1946, Serial No. 647,472
7 Claims. (Cl. 101—407)



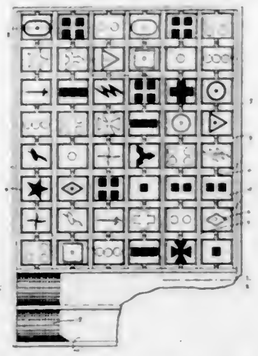
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2,452,340
RADIO RECEIVER CIRCUIT ARRANGEMENT
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Application January 20, 1943, Serial No. 473,026
In the Netherlands January 29, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires January 29, 1961
4 Claims. (Cl. 250—20)



1. A radio receiver circuit arrangement comprising an electron-discharge tube having a control grid, three anodes and a cathode common to the control grid and the anodes to provide signal detection diode elements, automatic volume control diode elements and amplifier elements, a detector load resistance coupled to the said signal detection diode elements, a volume control load resistance coupled to the anode of the automatic volume control diode elements and to earth, a cathode resistance interconnecting the said cathode and earth and providing a negative grid voltage for the said control grid and a retarding voltage for automatic volume control, and an amplifier tube having a control grid coupled to the detector load resistance and a cathode connected to the junction of said cathode resistance and the said common cathode.

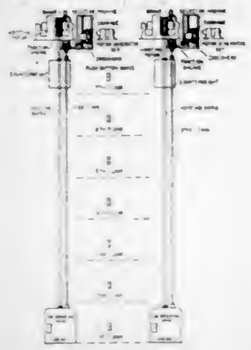
2,452,341
GAME
David Wasserman, New York, N. Y.
Application March 13, 1945, Serial No. 582,566
2 Claims. (Cl. 273—136)



1. A game device comprising a rectangular open tray having parallelly spaced partitions extending between opposite sidewalls thereof, parallelly spaced strips extending between the remaining opposite sidewalls of said tray and intersecting said partitions at right angles so as to define rectangular compartments, said strips being supported substantially on a level with the upper edges of said partitions, an interchangeable individual game piece for each compartment comprising a plate-like body of a rectangular shape substantially conforming to the shape of the compartment, trunnions projecting laterally outwardly from opposite side edges of said body at points midway between the opposite ends of said body, laterally adjacent ones of said partitions being formed with vertical slots midway between the related laterally adjacent strips through which said trunnions project to rest rotatably upon the lower ends of said slots, said lower ends of said slots being positioned at a level to expose a face of said game piece substantially flush with the said upper edges of said partitions, wherein the opposite face of the game piece is at a level below and concealed by the laterally adjacent partitions and strips, one face of said game piece being plain and the opposite face formed with a design, said game piece normally occupying a position with one of its faces exposed flush with the upper edges of said partitions and being rotatable on said trunnions to expose the other face thereof and conceal said one face.

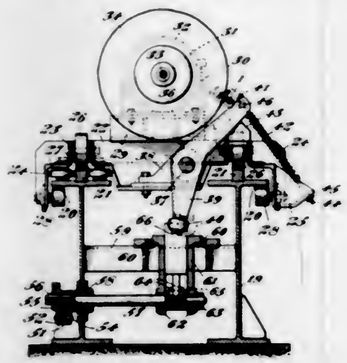
2,452,342
ELEVATOR CONTROL SYSTEM
Gavin Watson, Ossining, and William Henry Bruns, Lincolndale, N. Y., and Harold Edward Galanty, Hillside, N. J., assignors to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application June 24, 1944, Serial No. 541,970
42 Claims. (Cl. 187—29)

1. A control system for an elevator car in which control means is provided at each of a plurality of landings for registering a call for such landing and in which means is provided which is operable to cause the stopping of the car during its travel in a given direction at landings in response to calls registered by said control means for said landings, characterized in that time controlled means is provided which is operable to cause the stopping of the car during its travel in the opposite direction at a landing in response to a call registered by said control means for that landing



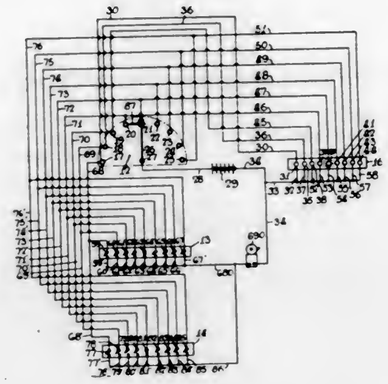
when such call remains unanswered for more than a certain period of time.

2,452,343
APPARATUS FOR HOT SAWING
Tom Wilson, Baltimore, Md., assignor to Bethlehem Steel Company, a corporation of Pennsylvania
Application May 23, 1942, Serial No. 444,179
2 Claims. (Cl. 29—69)



1. A machine for severing continuously moving pipe or the like comprising a frame, a reciprocable carriage, a continuously driven saw mounted on the carriage, a rocker arm pivoted to the carriage, a guide for the pipe supported on the rocker arm, a disappearing cam adapted for vertical reciprocation upon the frame beneath the carriage, a cam roller at the bottom of the rocker arm for contacting the disappearing cam, a motor mounted adjacent the frame for reciprocating the carriage, a gear driven by the motor having an extended shaft, a cam fixed to the outer end of said extended gear shaft adapted for rotation therewith, a cam shaft mounted parallel to the gear shaft, a follower on the cam shaft, a roller rotatably mounted on the follower for engaging the cam, means for holding the roller at all times in contact with the cam, a lever arm mounted on the cam shaft, a pitman pivoted to the cam shaft, and co-acting rocking levers pivotally connected between the pitman and the disappearing cam for reciprocating said disappearing cam to bring the pipe in the pipe guide against the saw for cutting the pipe.

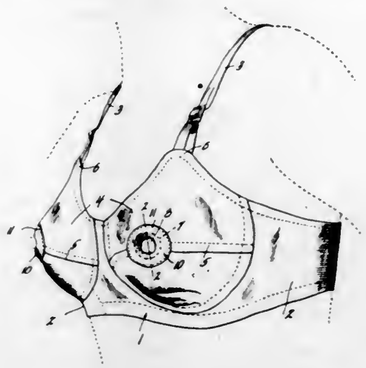
2,452,344
VEHICLE SPEED INDICATING DEVICE
Patsy Addorisio, Port Chester, N. Y.
Application October 31, 1946, Serial No. 706,839
1 Claim. (Cl. 177—311.5)



In a vehicle speed indicating device for a vehicle having a front seat for a chauffeur and a rear seat for passengers, comprising, in combination, a series of speedometer switches consisting of a series of contacts and a speedometer pointer adapted in its movement to engage said contacts and thus close circuits in which said contacts are disposed, each of said contacts corresponding to a different rate of speed, a control panel provided with a series of switches equal in number with the number of speedometer switches and each disposed in a circuit which is in series with and individual to a speedometer switch, said control panel being positioned so that the switches thereof are operable by the driver, a second control panel having a series of the switches equal in number to the number of speedometer switches, each in circuit with and individual to a speedometer switch, said second control panel being positioned so that the switches thereof are operable by a passenger in the rear seat, the circuits containing said switches in the second control panel being in parallel with the circuits containing the switches in the first mentioned control panel and both of said circuits being in series with the circuits containing the speedometer switches, a series of lamps equal in number to the number of speedometer switches, each lamp of said series being in circuit with and individual to a speedometer switch and a signalling device in circuit with the switches of both of said control panels.

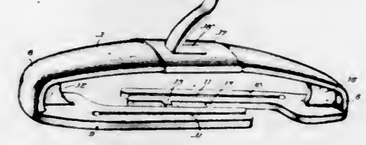
2,452,345
BRASSIÈRE
Ceyl Anselmo, Atlantic City, N. J.
Application February 12, 1947, Serial No. 728,076
1 Claim. (Cl. 2—42)

A brassière, consisting of a frontpiece, straps for attaching across the back of the wearer, shoulder straps attached to the frontpiece, the frontpiece provided with cupped portions, the apices of the cupped portions each provided with a relatively small opening to allow only the nipple to protrude therethrough, and the confining walls of the openings in the apices padded and lined with a relatively soft fabric which padding extends around and within the said openings to



reinforce said openings and to present a smooth surface to the protruding nipples.

2,452,346
GARMENT HANGER
Joseph F. Appleman, Chicago, Ill.
Application January 15, 1946, Serial No. 641,289
7 Claims. (Cl. 223—90)

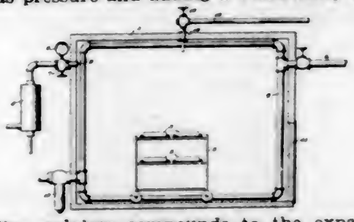


1. A garment hanger, comprising longitudinally opposed and aligned garment shoulder engaging and supporting members having the adjacent end portions thereof reduced in width and arranged in juxtaposed lateral relation, retaining means engaged about and slidably supporting said reduced and juxtaposed end portions, and means positioned between the adjacent sides of said reduced and juxtaposed end portions operable from without the retaining means to transmit longitudinal motion in opposite directions to the same and to their respective aligned garment shoulder engaging and supporting members.

2,452,347
VULCANIZATION
Roger Charles Bascom, Port Clinton, Ohio, assignor to Rubatex Products, Inc., New York, N. Y., a corporation of Delaware
Original application May 1, 1937, Serial No. 140,156. Divided and this application February 13, 1943, Serial No. 475,800
1 Claim. (Cl. 260—725)

The method of manufacturing gas expanded rubber which comprises forming a rubber mix free from any vulcanizing agent heating the rubber mix to a temperature of the order of 280° F., gassing the rubber mix at a pressure of the order of 3000 pounds per square inch to expand the

same fully to its final shape; thereafter reducing the gas pressure and adding a vulcanizing agent



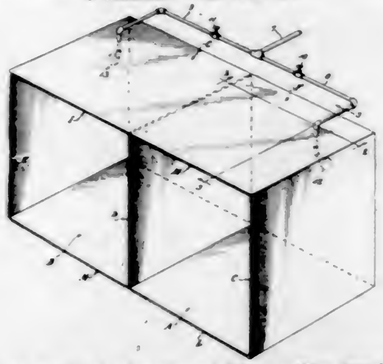
including sulphur compounds to the expanded rubber and vulcanizing the rubber.

2,452,348

FIRE EXTINGUISHING METHOD

Walter A. Beach, Chicago, Ill., assignor to Cardox Corporation, Chicago, Ill., a corporation of Illinois

Application June 23, 1945, Serial No. 601,234
3 Claims. (Cl. 169—2)



1. A method of extinguishing a fire involving a highly flammable, readily displaceable substance that is burning on the floor of an enclosure that is open at its front, comprising releasing liquid carbon dioxide into the enclosure to produce a mixture of snow and vapor, and so directing the mixture that it will impinge against and be deflected by two angularly arranged walls of the enclosure to reduce the velocity of the discharge before the extinguishing medium reaches the floor and to cause the medium to sweep across the floor in a direction substantially paralleling the open front for cutting off flammable vapor rising from the floor to feed the fire.

2,452,349

DIRECTIVE RADIO ANTENNA

Howard I. Becker, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application December 24, 1942, Serial No. 469,986
6 Claims. (Cl. 343—16)



5. The method of indicating the position of a reflecting object in a desired area which comprises projecting a main electromagnetic beam into said area, deflecting a fractional portion only of said beam to form a second beam at an acute angle to said main beam, continuously changing the direction of said deflection thereby continuously to sweep said second beam through a predetermined path defining said area, receiving from said object an echo of said second beam, determining from said echo the direction of displacement of said object from the center of said main beam, and moving said main beam in accordance with said determination to bring said object into said main beam.

2,452,350

METHOD OF PREPARING ALKYL ESTERS OF CHLOROACETIC ACID

William P. Bitler, Haverstraw, Thomas C. Aschner, Stony Point, and Leonard Nicholl, Nyack, N. Y., assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y., a corporation of New York

No Drawing. Application March 20, 1945, Serial No. 583,837
4 Claims. (Cl. 260—487)

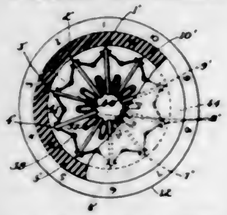
1. In the preparation of methyl chloroacetate, the improvements comprising reacting monoethylene glycol mono butyl ether and chloroacetic acid, in the presence of a mineral acid as a catalyst, to form monoethylene glycol mono butyl ether chloroacetate, then reacting the monoethylene glycol monobutyl ether chloroacetate with an excess of methanol, in the presence of sulfuric acid as a catalyst, to give a mixture of monoethylene glycol mono butyl ether and chloroacetic acid methyl ester plus methanol; and fractionating the chloroacetic acid methyl ester in methanol from the monoethylene glycol mono butyl ether to give pure chloroacetic acid methyl ester in substantially water-free non-hydrolyzable condition.

2,452,351

MULTIPLE HOLDER OF QUARTZ OSCILLATOR PLATES

Harvey L. Bloxom and Elbert M. Shideler, Council Bluffs, Iowa

Application September 27, 1946, Serial No. 699,752
7 Claims. (Cl. 171—327)



2. A piezo-electric crystal unit comprising a base having a pair of terminal contacts, a crystal plate holder rotatable on said base, a plurality of crystal plates carried by said holder for progressive movement into closed circuit position with said contacts incident to rotation of said holder, a cover within which said plates are housed, said cover being carried by said holder and serving as means to protect said plates and to facilitate rotation of said holder.

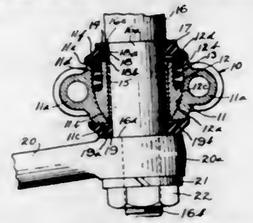
2,452,352

SELF-ALIGNING BEARING

James H. Booth, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio

Application October 25, 1944, Serial No. 560,243
6 Claims. (Cl. 308—72)

1. A self-aligning bearing which comprises a housing having laterally projecting mounting ears, a ball seat in said housing, a ball member tiltably mounted on said seat, a shoulder on said ball member, a spring acting on said shoulder urging the ball member into seating relationship with its seat, a bearing sleeve pressed into said ball member and defining a radial bearing, a shaft



rotatably mounted in said bearing, seal members disposed around said shaft on opposite sides of said housing having opposed concave end faces in sealing engagement with said housing, and means secured to said housing holding said spring in compressed condition on said shoulder of the ball member.

2,452,353

BURIAL DRESS SUPPORT

George T. Brownson, Philadelphia, Pa., assignor, by direct and mesne assignments, to James J. Duffy, Yeadon, Pa.

Application October 11, 1946, Serial No. 702,765
1 Claim. (Cl. 2—64)



An elongated support adapted to be inserted between the lower portion of the torso and limbs of a deceased person and a dress worn by such person, said support being arcuate in transverse section and the end thereof registering with the nether portions of the limbs being wider than the other end of said support, spaced guide grommets on the underside of said support near the wide end thereof, and a deformable, form-retaining band slidably mounted in said grommets, with the portion of said band between said grommets free to be deformed into a member engaging the limbs of said person near the extremities thereof.

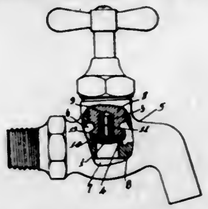
2,452,354

FAUCET VALVE ELEMENT

Ernest H. Bucknell and Ralph E. Bletcher, Los Angeles, Calif., assignors of ten per cent to Ralph E. Bletcher, twelve and one-half per cent to Ernest H. Bucknell, twelve and one-half per cent to Mabel Bucknell, ten per cent to Pearl White Bletcher, twenty-five per cent to Marcia Bucknell Liston, ten per cent to James H. Bletcher, ten per cent to Hazel Bletcher Skinner, and ten per cent to Charlotte R. B. Robinson, all of Los Angeles, Calif.

Application November 30, 1944, Serial No. 565,880
1 Claim. (Cl. 251—160)

The combination with a faucet having a valve stem and a co-acting valve seat, of a washer element comprising a disc having an integral stem extending from the disc, the valve stem having a cylindrical bore formed therein, said integral stem having an open axial cavity extending inwardly from its free end to provide for radial compression of said integral stem, means for moving the valve stem toward the seat to engage the valve disc therewith whereby the valve disc may accommodate itself to irregularities of the



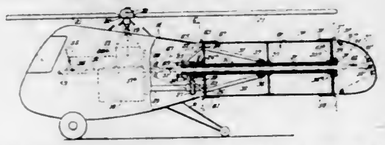
valve seat and may be arrested from rotation with reference to the seat as the valve stem is rotated to complete the compression between the disc and the seat.

2,452,355

TORQUE CONTROL FOR HELICOPTERS

James Nall Candler, Grosse Pointe, Mich., assignor to Borg-Warner Corporation, a corporation of Illinois

Application September 11, 1944, Serial No. 553,510
14 Claims. (Cl. 244—17)



1. In a device adapted to operate in a fluid, means reacting against the fluid for propelling or controlling the movement of the device through the fluid, said means when in operation creating a turning moment on the device and a movement of the fluid; means responsive to the movement of the fluid to produce a Magnus effect for balancing the aforesaid turning moment; and controllable pivoted means coacting with said balancing means adapted for movement to active and inactive positions and adapted when in said active position to define the limits of the Magnus effect thereon.

2,452,356

PALLET OF THE LOAD-SUPPORTING TYPE, WITH CASTERS

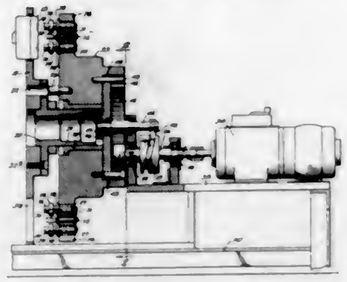
Burton C. Colt, Jr., Washington, Pa., assignor to Tri-State Engineering Company, Washington, Pa., a corporation of Maryland

Application May 21, 1947, Serial No. 749,501
7 Claims. (Cl. 248—120)



2. A pallet comprising a deck portion having an underframe connected thereto by truss elements, leg-like elements secured to the underframe and the deck at each corner thereof and extending below the underframe, and wheels disposed between the leg elements at the various corners and extending below the lowermost plane of said elements, but with their axes located a substantial distance above said plane, the leg elements having portions extending outwardly from said wheels in position to be supported by crate walls upon which the pallet may be superimposed.

2,452,357
MANUFACTURE OF PLASTIC CONTAINERS
Fred V. Collins, Des Plaines, Ill., assignor to William F. Stahl, Kenilworth, Ill.
Application March 12, 1947, Serial No. 734,068
16 Claims. (Cl. 154—1)



1. In apparatus for uniting a fusible plastic tube and disk to form a closed end tube, a frame, a conveyor mounted thereon, a plurality of spaced mandrels carried by said conveyor and adapted to receive said plastic tubes and disks, a plurality of dies, means for shaping said tubes by turning their ends inwardly through the movement of said mandrels into engagement with said dies, and means for uniting the shaped tube and disk on each mandrel by subjecting the same to the action of heat and pressure.

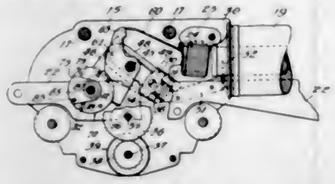
2,452,358
AXLE AND FIFTH WHEEL ASSEMBLY FOR FARM WAGONS
Fred Joe De Long and Fred J. De Long, Jefferson City, Mo.
Application February 22, 1945, Serial No. 579,214
3 Claims. (Cl. 280—133)



1. In a chassis construction of the class described a forward axle and wheel assembly comprising an inverted arched axle, wheels mounted on the outer ends of said axle, a fifth wheel disc welded on the central portion of said axle, a second corresponding disk superposed and pivotally mounted on said first-named disk, a web attached to and rising from said second-named disk, and a bolster supported above and from said web, together with clips secured to said axle adjacent opposite ends thereof and provided with eyes, said eyes constituting bearings, and a tongue section including a portion rockably mounted in said bearings.

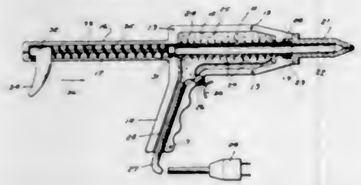
2,452,359
JOB TIME RECORDER SYSTEM
Adolph L. Denniston, Plainfield, N. J., and Samuel Harold Martin, Thomaston, Conn., assignors to General Time Instruments Corporation, New York, N. Y., a corporation of Delaware
Application February 26, 1942, Serial No. 432,386
11 Claims. (Cl. 58—24)

10. In a time system including a master clock, secondary mechanism in circuit therewith comprising electromagnet means for advancing the same step by step upon the receipt of electric impulses transmitted by said master clock, elapsed time recording means driven by said electromagnet means, locking means and control means therefor, said locking means adapted to be controlled conjointly by said master clock and said control means in order to lock said secondary apparatus in a chronologically synchronized position with respect to said master clock, said control means comprising a rotatable element cooperating with said locking means and driven by said electromagnetic means through a chrono-



logical cycle of operation corresponding to the chronological cycle of said master clock, said cycle including a plurality of positions corresponding to times during which said locking means are not rendered inoperative by said control means, whereby said chronologically synchronized position may be shifted with respect to said master clock so that a predetermined interval during which said secondary mechanism is disconnected from said master clock will not be recorded by said elapsed time recording means.

2,452,360
SOLDERING GUN
Frank Dunham, Grand Island, Nebr., assignor of fifty per cent to John F. McCarthy, Grand Island, Nebr.
Application December 23, 1946, Serial No. 717,947
1 Claim. (Cl. 219—27)

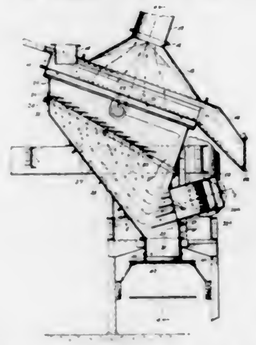


A soldering gun comprising in combination, an elongated body formed with a longitudinally extending chamber, a laterally projecting handle at one end of said body, a tubular solder magazine extending longitudinally through said chamber, a soldering tip removably positioned at the remaining end of said body and in contact with the adjacent end of said magazine, an electric heating element positfoned in said chamber and surrounding said magazine, packing of heat insulating material provided in said chamber, said tip being formed with an outlet passage communicating with said magazine, a switch provided on said body adjacent said handle, a current conductor extending through said handle and being connected to said element and to said switch, a longitudinally slotted sleeve provided at the handle end of said body, a push rod in said sleeve, a plunger slidable in said magazine and secured to one end of said push rod, a finger piece at the remaining end of said push rod, said finger piece extending slidably through the slot in said sleeve, and a compression spring between said finger piece and the adjacent end of said magazine.

2,452,361
METHOD FOR ELECTROLYTIC DEPOSITION OF INDIUM, AND BATH THEREFOR
John Robert Dyer, Jr., Utica, N. Y., assignor to The Indium Corporation of America, New York, N. Y., a corporation of New York
No Drawing. Application March 23, 1945, Serial No. 584,495
4 Claims. (Cl. 204—45)

1. A bath for electrolytic deposition of indium which consists essentially of a solution resulting from dissolving indium hydroxide in formamide, said solution having a concentration of from 10 to 100 grams per liter of indium hydroxide in formamide.

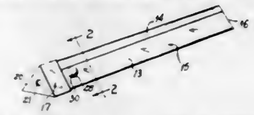
2,452,362
APPARATUS FOR TREATING FLOWABLE SOLIDS
John L. Erisman, Oak Park, Ill., assignor to Link-Belt Company, a corporation of Illinois
Application December 19, 1944, Serial No. 568,859
4 Claims. (Cl. 22—89)



4. Apparatus for cooling and screening hot foundry sand, comprising a vibrating screen receiving the hot sand, a pan attached to the screen to vibrate therewith, an inclined, stepped wall structure positioned in the pan and having a discharge opening at its lower end, said wall structure having openings for the passage of cooling air, a stationary hopper underlying the pan and having a discharge opening vertically aligned with the discharge opening of the pan wall structure, a forced air duct opening through the side wall of the hopper that is adjacent the said vertically aligned discharge openings so as to discharge the flow of cooling air at right angles to the path lying between said openings, a series of vanes having stepped outer edges, positioned in the hopper in alignment with the air duct opening and projecting into the said path lying between the discharge openings, the cooling air entering the hopper being directed to flow through the air openings in the pan wall structure and through the vibrating screen, and means overlying the vibrating screen to exhaust the air.

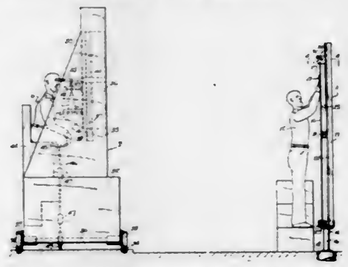
2,452,363
NOVELTY OPTICAL DEVICE
Frank Earl Flotron, St. Louis, Mo.
Application February 20, 1947, Serial No. 729,719
2 Claims. (Cl. 88—15)

1. A device for producing multiple reflective images, and consisting of a tubular structure having openings at its opposite ends, the tubular structure being formed to provide a plurality of highly reflective planar surfaces interiorly of the tubular structure, and a movable refractor of spherical form bridging certain of the walls of the tubular structure although axially positioned



therein and capable of rotative movement within and with respect to the tube for the purpose of varying the nature and relation of images reflected by said reflective surfaces.

2,452,364
METHOD AND APPARATUS FOR PRODUCING OPTICAL ELEMENTS FROM COMMERCIAL PLATE GLASS
Ival G. Fowler, Toledo, and Donald W. Dunipace, Perrysburg, Ohio, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 16, 1942, Serial No. 469,182
10 Claims. (Cl. 88—14)

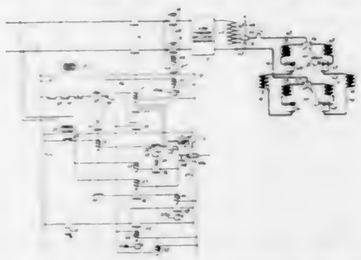


1. An apparatus for the optical inspection of sheets or plates of glass or similar material to determine the amount of wedge therein, comprising elevator means for supporting the sheet to be inspected, inspection means remote from said sheet as measured along the line of sight thereto, said inspection means including a light diffusing screen having an opening therein, a source of substantially monochromatic light in back of said diffusing screen for illuminating the same and which in turn illuminates a portion of the sheet and a telescope directed through the opening in the diffusing screen and through which the illuminated portion of the sheet can be examined for interference fringes, and means for moving the sheet and the inspection means relative to one another to effect the progressive illumination and examination of other portions of the sheet.

2,452,365
CONTROL SYSTEM
Oscar C. Frederick, Springfield, Pa., assignor to General Electric Company, a corporation of New York
Application March 1, 1944, Serial No. 524,658
6 Claims. (Cl. 171—97)

6. A control system for two load devices comprising a biased open power switch for controlling the power supply to said load devices, a power coil for closing said power switch, control supply connections, a normally closed control switch, a first coil, a biased closed first time switch, first and second biased open manually operated switches, latching means movable to a position to secure said second manually operated switch in its closed position, a latch coil for op-

erating said latching means, connections connecting said control switch, said manually operated switches, said first coil, said first time switch and said latch coil in series with each other to said control supply connections so that when said manually operated switches are closed said first coil is energized and said latch coil is energized to secure said second manually operated switch in its closed position, second and third coils connected in parallel with each other through said control switch and said second manually operated switch to said control supply connections and in parallel with said first coil, said first time switch and said first manually operated switch, a biased open first switch in circuit with said second coil, a fourth coil, operating connections between said first switch, said first time switch and said fourth coil, switching means operated by said first coil for energizing said fourth coil for closure of said first switch to energize said second coil and to bias said first time switch to open after a predetermined time interval, a biased open second switch closed by said second coil for energizing said power coil to close said power switch, a normally open interlock switch closed by said power coil connected



across said first manually operated switch, an electric alarm device, a biased open second time switch in circuit with said alarm device energized by said switching means for operation of said alarm device after a predetermined time interval, a biased open third time switch connected in circuit with said alarm device, a biased open switch operated by said third coil in circuit with said third time switch, a biased closed switch in circuit with said third time switch operated to an open position by said first coil so that when said first time switch opens to deenergize said first coil said switch is closed for energization of said third time switch and operation of said alarm device after a predetermined time interval, a double-throw selector switch movable to one or the other of two closed circuit positions for selectively connecting one or the other of said load devices to the power supply through said power switch, operating means for said selector switch, and an operating connection between said operating means and said control switch for effecting the opening of said control switch prior to movement of said selector switch to its open position and for effecting the closure of said control switch after said selector switch has been moved to its other closed position.

2,452,366

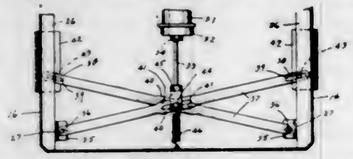
PATIENT ADJUSTABLE FOOT SECTION FOR ARTICULATED BEDS

Robert R. Freund, Mount Carmel, Ill.

Application August 11, 1944, Serial No. 548,985

9 Claims. (Cl. 5—92)

8. In a bed structure having a foot board extending across the structure and movable longitudinally thereof and side members at opposite sides of the structure and supporting the foot board in elevated relation to said structure for clearance purposes, the combination therewith of means for moving said board longitudinally of said structure, said means including a pair of crossed links each having a length of the order approximately that of the length of the board or bed width, means disposed centrally of the structure and directed longitudinally thereof and



for collapsing and extending said links, one end of each link being pivotally connected to a side member and the other end of each link being pivotally connected to the bed structure, one of the two pivotal connections for each link being of the pin and slot type, and pin and slot connections between the links where crossed and the said centrally disposed means for simultaneous movement of the links and corresponding movement of the foot board.

2,452,367

DRAIN TRAP CLEANING DEVICE

Wilmer Charles Gangloff, Cincinnati, Ohio, assignor to The Drackett Company, Cincinnati, Ohio, a corporation of Ohio

Application April 5, 1946, Serial No. 659,693

12 Claims. (Cl. 219—38)

1. A plumbing drain trap having an electrical heating element embedded in the lower bend thereof, said heating element being so disposed as to effect distribution of heat over a substantial portion of the area of said bend, said element having terminals for connection to a source of electrical energy.

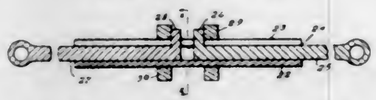
2,452,368

LINE TIGHTENER

Charles Gobel, Philadelphia, Pa.

Application September 7, 1944, Serial No. 553,006

2 Claims. (Cl. 254—67)



1. A line tightener, comprising a tube exteriorly threaded and having a longitudinally extending slot opening through its periphery and adapted for connection to a line, and a line connecting member in the form of a rod closely fitting the bore of the tube and having a projection extending through the slot, and a nut engaging the threads of the tube to adjust the position of said projection longitudinally of the tube.

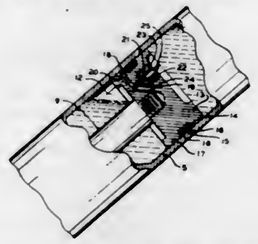
2,452,369

SELF-BLEEDING HYDRAULIC CYLINDER

Everett Gravenhorst and Raymond E. Vaughn, Middle River, Md., assignor to The Glenn L. Martin Company, Middle River, Md., a corporation of Maryland

Application July 12, 1946, Serial No. 683,266

4 Claims. (Cl. 121—38)



2. In a hydraulic cylinder adapted to be mounted at an angle to the horizontal, a piston mounted to slide within said cylinder, a fluid pressure sealing means between the side wall of said piston and said cylinder, an annular groove in said piston side wall positioned between said sealing means and the lower face of said piston, a passage interconnecting said groove and the upper face of said piston, valve means in said passage to allow trapped air to flow therethrough but will close said passage to the flow of hydraulic fluid.

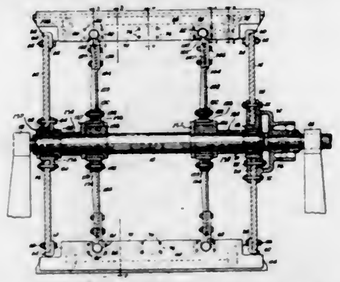
2,452,370

YARN-ADVANCING REEL

Arthur E. Guenther, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application May 23, 1946, Serial No. 671,741

6 Claims. (Cl. 28—71.6)



1. In a yarn-advancing reel, a reel axle, a set of spaced fixed yarn-contacting bars arranged concentrically about said reel axle, means to rotate said fixed yarn-contacting bars about the center axis of said axle, a set of movable channel-shaped yarn-contacting bars, each of said fixed yarn-contacting bars being disposed in the channel of a channel-shaped yarn-contacting bar, a pair of spaced skewed eccentrically mounted discs on said axle and carrying said channel-shaped yarn-contacting bars, means to secure one of said channel-shaped yarn-contacting bars in driving relationship with said discs, and a joint between each of the remaining channel-shaped yarn-contacting bars and said discs whereby radial and axial movements are imparted to each of said remaining channel-shaped yarn-contacting bars and such channel-shaped bars are maintained parallel to the center axis of said axle during rotation of the reel.

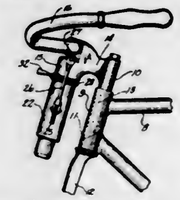
2,452,371

HANDLE BAR SHOCK ABSORBER

Joseph Paul Guttormsen, Kenosha, Wis.

Application November 9, 1945, Serial No. 627,612

11 Claims. (Cl. 74—551.2)



1. A handle bar structure for cycles, comprising a support, a pair of oppositely directed handle bar arms independently hingedly mounted at their adjacent inner ends on the support, a shock absorber connected with both of said handle bar arms to yieldingly, equalizingly resist hinging movement of the same, and means for selectively rendering said shock absorber active or inactive.

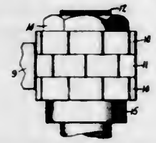
2,452,372

CAM MECHANISM

Joseph R. Harkness, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application November 2, 1944, Serial No. 561,568

2 Claims. (Cl. 74—567)



1. A cam mechanism for actuating a periodically operated device comprising a rotatable cam shaft, a multi-lobe composite cam member comprising three cam laminations fixedly mounted on said cam shaft adjacent each other with the lobes of the outer cam laminations arranged in axial alignment and the lobes of the intermediate laminations circumferentially spaced from the lobes of outer laminations, a single cam follower having a member engaging and bridging all three of said cam laminations and means for biasing said cam follower into engagement with said cam member.

2,452,373

METHOD OF AND MEANS FOR REGISTERING FLAT BED COLOR PRINTING ELEMENTS WITH THEIR FIXED REGISTRY ELEMENTS

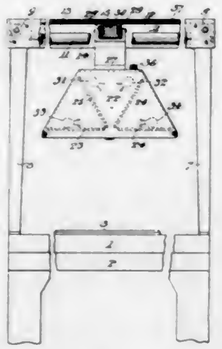
Earle L. Harley, Brooklyn, N. Y., assignor to H. H. Heinrich, Inc., New York, N. Y., a corporation of New York

Application May 15, 1947, Serial No. 748,166

14 Claims. (Cl. 101—401.2)

1. The method of registering flat bed color printing elements with fixed registry elements

comprising arranging a double mirror unit having two oppositely disposed sets of coacting horizontal transparent and angular non-transparent mirrors between the printing and registry elements in position to cause a non-transparent mirror to receive the image of the registry element by reflection from the transparent mirror and to receive the image of a coacting printing element directly



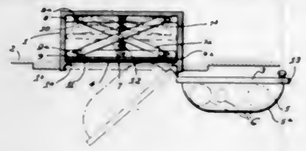
through the transparent mirror, the said non-transparent mirror reflecting the combined images to the eye of an observer, and moving the printing elements parallel to the registry elements to bring the images of the printing elements into accurate register with the reflected images of their registry elements on the non-transparent mirrors.

2,452,374
ANACARDIC-ACROLEIN RESINS AND METHOD FOR THEIR PRODUCTION
Mortimer T. Harvey, South Orange, N. J., assignor to The Harvel Corporation, a corporation of New Jersey
No Drawing. Application August 30, 1944, Serial No. 552,004
8 Claims. (Cl. 260—46)

1. The method for producing a resinous organic condensation reaction product comprising heating at 80° C.–125° C. a mixture of acrolein, an anacardic material selected from the group consisting of cashew nut shell liquid and its polymers, distillates of cashew nut shell liquid and their polymers, residues of cashew nut shell liquid and their polymers, said distillates having a boiling point of approximately 225° C. at 10 mm. of mercury pressure, said residues obtained by heat distilling cashew nut shell liquid until the quantity by weight of said residue is between 25% to 75% of the quantity by weight of said cashew nut shell liquid, and a condensing agent, the ratio by weight of said acrolein to said anacardic material in said mixture being in the range of 1–10 to 2–1, said heating continued until said resinous organic condensation reaction product is produced.

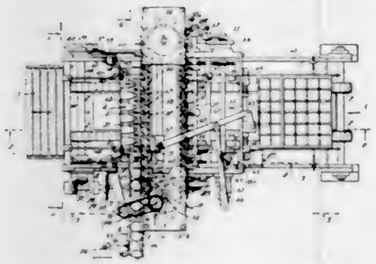
2,452,375
CABINET HAVING AUTOMATICALLY SHIFTABLE MIRROR
Julius H. Hirshbergh, Los Angeles, Calif.
Application May 9, 1945, Serial No. 592,855
11 Claims. (Cl. 312—186)

1. In a structure of the class described, a cabinet open at its outer side, a mirror movably mounted in the cabinet and shiftable within the cabinet from the inner to an outer position over the opening, means for supporting the mirror in the cabinet to facilitate such shifting, and a door for the cabinet, said door being provided with



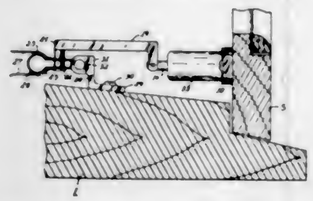
means to shift the mirror inwardly when the door is closed.

2,452,376
BOTTLE PACKING MACHINE
Kaye B. Hoistebroe, Gildersleeve, and Ludwig Wimmer, Middletown, Conn., assignors to Standard-Knapp Corporation, Portland, Conn., a corporation of New York
Application November 4, 1942, Serial No. 464,444
19 Claims. (Cl. 226—14)



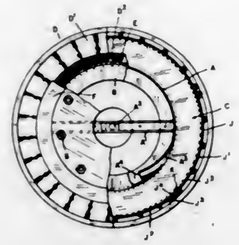
1. In apparatus of the class described, mechanism for depositing rows of bottles successively in each of a series of successive cases, step-by-step mechanism for feeding the cases successively past the depositing mechanism to receive the bottles, and clearing mechanism operative in response to incorrect positioning of a bottle in a case to interrupt the operation of the depositing mechanism and to cause the case feeding mechanism to remove the partly filled case beyond the depositing mechanism.

2,452,377
WINDOW LATCH
George A. Houseman, Phoenix, Ariz.
Application February 13, 1947, Serial No. 728,301
5 Claims. (Cl. 292—1)



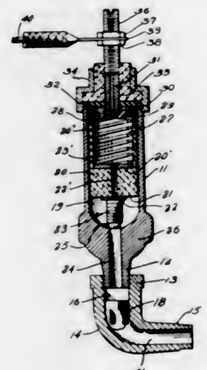
1. A device of the class described, comprising a base member adapted for attachment to a window screen or the like; an elongated latch arm pivotably mounted at one of its ends on said base member, and provided with a spring clamp pivotably mounted on its other end.

2,452,378
CABLE REEL
Charles J. Hudson, Detroit, Mich.
Application October 29, 1945, Serial No. 625,311
9 Claims. (Cl. 242—77)



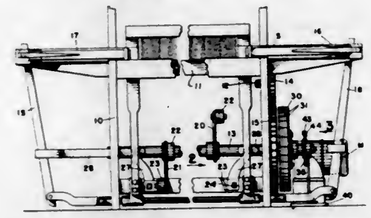
1. A cable reel comprising a drum, side plates detachably secured to the opposite ends of said drum, and ground engaging wheels independently revolubly mounted on said side plates.

2,452,379
LUBRICATION FAILURE DETECTOR SWITCH
Wesley J. Kasparek, Columbus, Ga.
Application January 15, 1946, Serial No. 641,380
2 Claims. (Cl. 200—82)



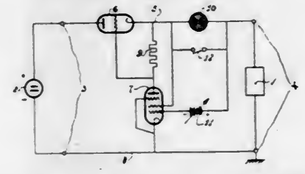
1. A pressure switch comprising a metallic hollow cylindrical casing securable at one end thereof in pressure-communicative relation to a pressurized fluid system, a piston of insulating material having a bore within said cylinder, a helical spring within said bore, metallic members contacting the inner and outer ends of said spring, a cap closing the outer end of said cylinder, a screw-threaded electrical terminal non-conductively secured in said cap and electrically connected to the said metallic member at the outer end of said piston, and an electrical contact exteriorly secured on the inner end of said piston and conductively connected to the one of said metallic members on the inner end of said spring, said contact being positioned to contact a portion of said cylinder when the pressure on said fluid is insufficient to retract said piston against the action of said spring.

2,452,380
REVERSING MECHANISM FOR LOOMS
Clarence R. Kronoff and Victor F. Sepavich, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application March 19, 1947, Serial No. 735,708
7 Claims. (Cl. 139—1)



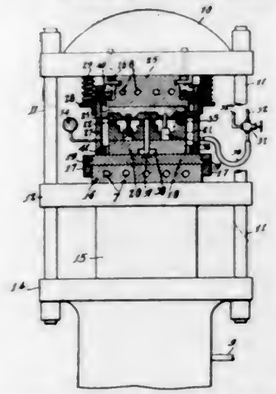
1. In electric reverse means for the driving motor of a loom having two parts which cooperate to pick a shuttle when the loom is running forwardly, a normally closed electric switch, elcetric circuit means including the switch effective when closed to cause reverse motion of the motor and loom, and means operated by the loom effective during reverse motion of the loom to open said switch before said picking parts engage each other.

2,452,381
LOW DIRECT CURRENT VOLTAGE REGULATING CIRCUIT
Hendrik Jan Lindenhovius, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application April 26, 1946, Serial No. 665,302
In the Netherlands October 17, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires October 17, 1962
5 Claims. (Cl. 323—22)



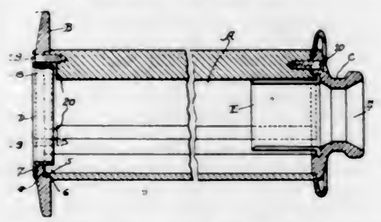
5. Apparatus for supplying a constant voltage to a load comprising a direct current source subject to fluctuations and connected across said load, an electron discharge device having a cathode, a control electrode and an anode, a glow discharge device interposed in series with said electron discharge device between the positive lead of said source and said load, the anode of said electron discharge device being connected to said positive lead and the cathode of said electron discharge device being connected via said glow discharge device to one end of said load, an electron discharge tube having a cathode, a control grid and an anode, an anode resistor for said tube, the cathode of said tube being connected to the negative terminal of said source, the anode of said tube being connected to the control electrode of said electron discharge device and via said resistor to the cathode of said electron discharge device, and an adjustable source of bias potential connected between the control grid of said tube and the junction of said load and said glow discharge device.

2,452,382
APPARATUS FOR MOLDING RUBBER AND PLASTIC MATERIALS
Emmet S. Long, Los Angeles, Calif.
Application April 30, 1945, Serial No. 591,162
2 Claims. (Cl. 18—16)



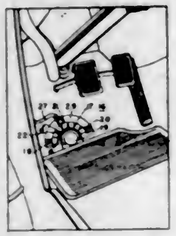
1. An apparatus for molding articles comprising means forming a supply chamber for molding material, molding members, one of said molding members having openings communicating with said supply chamber, said molding member being movable relative to the remaining molding members, said molding members providing molding cavities, means for evacuating said molding cavities, means for exerting pressure on the molding material in said supply chamber for forcing a part, but not all, of said material into said cavities through said openings, while forming cores of material connecting the molding material in said cavities with residual material in said supply chamber, means for introducing air pressure between said residual material and the molding material in said cavities for moving the molding member having said openings relative to the remaining molding members for severing said cores, and means for positively moving the molding member having said openings relative to the residual material after severing of said cores.

2,452,383
SPOOL OR BOBBIN
George B. Markle, Jr., Hazleton, Pa., assignor to Freeland Spool & Bobbin Corp., Hazleton, Pa., a corporation of Pennsylvania
Application March 4, 1946, Serial No. 651,899
4 Claims. (Cl. 242—46.3)



1. In a spool, bobbin or the like, a hollow open-ended barrel provided interiorly with longitudinally extending spaced ribs extending substantially throughout the length of the barrel, a head at each end of the barrel and each provided centrally with an aperture, a tubular hollow bearing disposed and supported within one end of the barrel, the aperture of the head at the opposite end of the barrel provided with a bearing rir ;, a hollow adapter disposed wholly within the barrel and said ring and provided exteriorly with spaced longitudinally extending grooves interlocking with the ribs of the barrel, a drive spindle having driving connection with said adapter and extending therethrough, the outer end of said spindle being rotatably supported in the tubular bearing in the opposite end of the barrel.

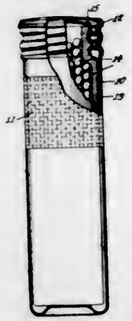
2,452,384
AUTOMOBILE RADIO REMOTE CONTROL
Eugene F. McDonald, Jr., Chicago, Ill.
Application July 14, 1944, Serial No. 544,901
13 Claims. (Cl. 250—20)



3. In a control system for a radio receiver in a vehicle, said receiver having means for sequentially selecting predetermined signals and means for muting the output volume of said receiver, the combination of a footswitch located for convenient operation by the vehicle driver while his attention is absorbed in the operation of said vehicle, said footswitch having a member operable in one fashion to cause said muting means to mute the output volume of said receiver and operable further in the same fashion to cause said signal selecting means to select a predetermined signal, said member of said footswitch being operable in a different fashion for adjusting over a range the output volume of said receiver, means located at a position in said vehicle different from said footswitch for consecutively disabling said footswitch to control adjustment of said output volume and thereafter adjusting the volume of output of said receiver, resilient means for resisting movement of said footswitch member when moved in such a direction to cause the muting means to mute the output volume of said receiver and for resisting with sensibly greater resistance after actuation of said muting means further movement of said member to provide an indication by the sense of feel of the position of said footswitch member.

2,452,385
COLOR COMPARISON APPARATUS
Frederick G. Merckel, Montclair, N. J.
Application December 30, 1943, Serial No. 516,174
1 Claim. (Cl. 23—253)

A color comparison apparatus for use in transillumination, comprising a substantially cylindrical, smooth-walled container of substantially uniform wall thickness and of substantially colorless, translucent solidified plastic material, said container having a mouth portion having an internal diameter substantially the same as that of the body portion of the container, said mouth portion being formed to provide external threads, a removable closure adapted to be threaded onto said mouth portion, and a color band of translucent lacquer superimposed on the upper part of the body portion of said container and extending entirely around it, said color band being relatively wide as compared to the height of said container, a second container for a supply of an indicator to be used in definite amount in any one test comparison, said second container being removably disposed within the first

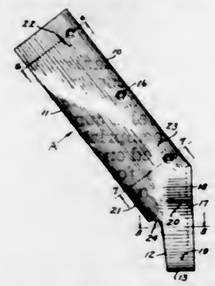


named container, said color band having a color such that when viewed by trans-illumination it will provide a color field of exactly the color of the solution contiguous therewith and to which has been added a predetermined quantity of said indicator when that solution has a desired concentration of the material for which the test is being made.

2,452,386
ETHERS OF VITAMIN A
Nicholas A. Milas, Belmont, Mass., assignor to Research Corporation, New York, N. Y., a corporation of New York
No Drawing. Original application February 8, 1940, Serial No. 317,967. Divided and this application April 1, 1946, Serial No. 658,889
3 Claims. (Cl. 260—611)

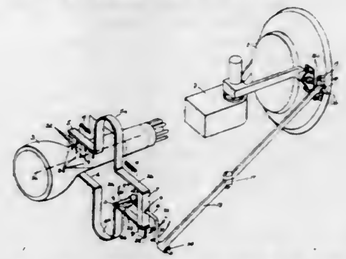
1. As a new product the methyl ether of vitamin A.

2,452,387
PLOWSHARE
Edward R. Mossak, Milwaukee, Wis.
Application October 22, 1945, Serial No. 623,724
3 Claims. (Cl. 97—125)



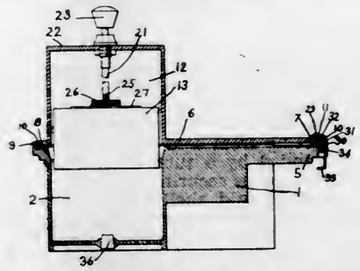
1. A plowshare comprising, a leading point having an approximately plane land side guiding surface and a lower front cutting edge disposed approximately perpendicular to said surface, and a blade extending laterally away from said point at an oblique angle and having a straight lower cutting edge adapted to travel in a plane above said point edge, both said blade and said point having convex upper surfaces adjoining said edges adjacent to said point and said blade having a concave upper surface directly adjoining its straight cutting edge remote from the point.

2,452,388
ELECTROMAGNETIC SYSTEM
Arthur V. Nichol, Elkins Park, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application September 20, 1944, Serial No. 555,022
3 Claims. (Cl. 177—352)



2. An electronic motion indicator comprising in combination with a movable device, the position of which is to be indicated, an electronic beam device having a neck through which an electron beam is projected, stationary magnetic flux conducting means having a pole shoe on each side of said neck, a permanent magnet in inductive relation to said magnetic flux conducting means, a rotatable support for said magnet for varying the magnetic flux crossing said neck in response to movement of the permanent magnet, a crank on said support, and a linkage between said crank and the movable device, the position of which is to be indicated.

2,452,389
SELF-CONTAINED PORTABLE FILM DEVELOPING APPARATUS
Norman W. O'Clair, Somerville, Mass.
Application February 21, 1946, Serial No. 649,273
10 Claims. (Cl. 95—90.5)



1. A film developing apparatus comprising a body section provided with a compartment to contain a developing solution, a cover section fitting the body section with a light-tight joint, a film carrier having a central hollow hub portion and a film-receiving chamber surrounding said hub and open at its upper end, a bar extending transversely across said hub portion, a carrier-supporting rod extending through the cover section and adapted for vertical movement relative thereto, said rod having a hook at its

lower end to engage said bar, and also having a screw threaded portion above the hook, a cover member for the open upper end of the film-receiving chamber, and a nut screw threaded to the rod, for both clamping the cover to the film carrier and locking the hook to said bar.

2,452,390

PREPARATION OF HYDROLYZABLE TITANIUM SOLUTIONS

Carl Marcus Olson, Oak Ridge, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 1, 1944, Serial No. 538,339
12 Claims. (Cl. 23—202)

1. A method for obtaining an improved hydrolysate from a concentrated, hydrolyzable titanium salt solution having not less than 180 g./l. TiO_2 and containing seed nuclei adapted to accelerate its hydrolysis, comprising heating said solution after it has been nucleated to increase its colloidal TiO_2 content, upon an increase in turbidity of said solution taking place as a result of said heating but prior to formation of a substantially filterable TiO_2 precipitate in the solution, interrupting said heat treatment and thereupon mixing a sufficient quantity of a diluent with the colloidally enriched solution to reduce its TiO_2 concentration to below 160 g./l., and then heating the resulting diluted titanium solution to effect its hydrolysis and precipitate said improved TiO_2 hydrolysate.

2,452,391

HEAT EXCHANGER

Frederick J. O'Sullivan, Johnstown, Pa., and William B. du Pont deceased, late of Johnstown, Pa., by Mary A. du Pont, administratrix, Johnstown, Pa., assignors to The National Radiator Company, Johnstown, Pa., a corporation of Maryland

Application January 18, 1946, Serial No. 641,930
1 Claim. (Cl. 257—239)



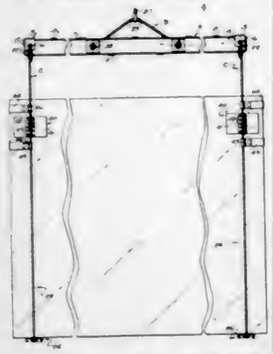
A heat exchanger comprising an elongated shell provided with inlet and outlet ports and having an open end surrounded by a flange, a U-tube disposed in the shell with the open ends of the tube projecting from said open end of the shell and surrounded by a tube sheet engaging said shell flange, means securing said flange and tube sheet together, said shell having opposite side walls provided with a pair of oppositely disposed slots extending lengthwise of said walls from said open end, a baffle plate between the two legs of the tube and extending lengthwise thereof from said tube sheet with its opposite edges disposed in said slots, and webs extending lengthwise of the central portion of said plate and connecting it to the legs, said tube legs being provided with circumferentially spaced fins extending lengthwise thereof with the fins at the top and bottom of the U-tube engaging said tube sheet, the rest of said fins being spaced from the tube sheet, and at least one of said ports opening into the space between said last-mentioned fins and sheet and straddling one of said sheet-engaging fins.

2,452,392

GLASS HANDLING DEVICE

William A. Philbin, Perrysburg, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application March 29, 1945, Serial No. 585,521
3 Claims. (Cl. 294—74)



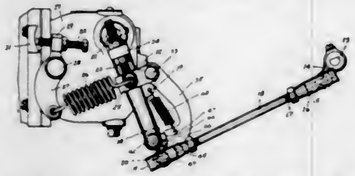
1. A device for handling glass plates of large surface area comprising a yoke member, means for attaching said yoke to an overhead lifting and traveling mechanism, a pair of looped plate carrying cables suspended one from each end of said yoke member, a platform member shaped to fit into the loop of each of said cables for supporting the bottom edges of the plates, means for maintaining said cables in spaced relation to the faces of said plates, and means for retaining said plates within said loops.

2,452,393

GOVERNOR-THROTTLE CONNECTION

Raymond Reger, Anderson, Ind., assignor to The Pierce Governor Company, Inc., Anderson, Ind., a corporation

Application August 10, 1945, Serial No. 610,157
2 Claims. (Cl. 123—98)



1. A disconnect mechanism between an accelerator operable fuel control valve of an engine and a centrifugally operable governor having an actuating arm for valve control and a load spring, said mechanism comprising in combination an auxiliary arm pivoted on the governor arm, means of appreciably less force than the load spring normally tending to collapse the arms, the load spring application tending to extend the arms, and a rigid member connected to the valve and to the auxiliary arm.

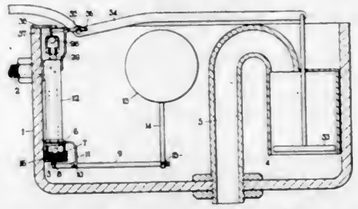
2,452,394

INLET FITTING FOR TANKS

Ernest Ephraim Rigby, Penwortham, Preston, England

Application September 20, 1945, Serial No. 617,480
In Great Britain September 20, 1944
3 Claims. (Cl. 4—41)

1. A flushing water tank including in combination a tank, a water supply pipe projecting into the tank and having its opening disposed substantially at the minimum level of the water in the tank, a float control valve controlling entry of water from said water supply pipe into the tank, a syphonic discharge means for water from said tank, means to put said syphonic discharge



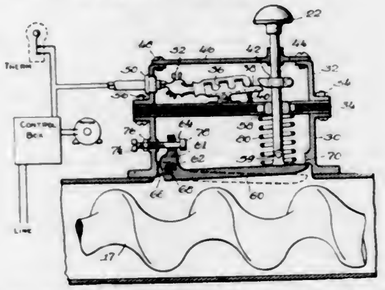
into operation, a connection on said water supply pipe communicating with the outside air, a valve on said connection normally sealing inlet of air thereto, and means to positively displace said valve from its seating whenever said tank is emptied by syphonic action.

2,452,395

CUTOFF SWITCH FOR SCREW FEEDERS

Clarence Joseph Schelling, Chicago, Ill.

Application July 9, 1946, Serial No. 682,197
4 Claims. (Cl. 198—37)



1. In combination with a stoker fuel feed assembly comprising a screw conveyor tube, a housing attached to the said screw conveyor tube, a divider in said housing to form therein two chambers, the floor of the lower chamber pivotally mounted to said housing and responsive to the pressure of flow of fuel in said screw conveyor tube, means in said lower chamber to limit rise and fall of said pivoted floor, a rod pivotally mounted on said movable floor, the said rod extending thru the said divider, the upper chamber and terminating above said housing, a trip arm attached to the rod portion within the upper chamber and a means in contact with said arm to make and break an electrical circuit actuating the motive power whereby the fuel feed is stopped when there is no pressure in said conveyor tube.

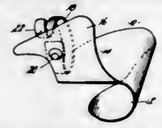
2,452,396

GRIP ATTACHMENT FOR VIOLIN BOWS

Leopold Shopmaker, Kansas City, Kans.

Application October 15, 1945, Serial No. 622,264
6 Claims. (Cl. 84—282)

1. A grip attachment for violin bows comprising a substantially semi-circular hand gripping member having a tangential planar section; an angled guard at the forward edge of said planar section; a resilient finger loop pivotally and adjustably mounted on the inner wall of said guard, whereby as said grip attachment is gripped by the operator with his forefinger extended through



said finger loop, his thumb and fingers will be held in proper relative relation for holding the violin bow.

2,452,397

SMOKING PIPE

John C. Shotton, Lakewood, Ohio

Application January 10, 1946, Serial No. 640,176
1 Claim. (Cl. 131—172)



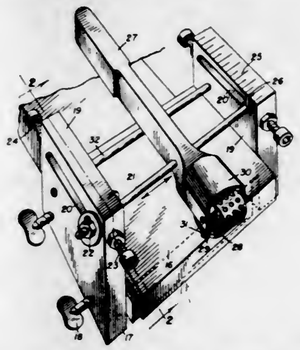
The process of making a pipe which consists in forming a pipe stem and providing the same with a bore extending therethrough adapted to register with the bore of a bowl stem; fitting upon the outer end of the pipe stem an extension having a substantially frusto-conical interior, the outer end of such interior being of greater internal diameter than its inner end and adapted to receive therewithin a bowl stem; providing said extension with an abrasive liner; inserting within the said liner the stem of a pipe bowl having a bore therethrough; imparting relative rotary movement between the bowl stem and the pipe stem thereby to provide the end of the bowl stem with a substantially frusto-conical tapered surface adapted to form a close connection with the interior surface of the said extension; removing the liner from said extension; and fitting the said extension upon the tapered end of the bowl stem.

2,452,398

GRINDING WHEEL DRESSER

Adolph Smith, New Orleans, La.

Application December 4, 1946, Serial No. 714,110
2 Claims. (Cl. 125—37)



1. A grinding wheel dressing device comprising a table, means securing the table in position adjacent the periphery of a grinding wheel, a transverse bar carried by the table, a handle slidable on the bar and pivoted thereon for vertical swinging movement, a dressing wheel journaled on the

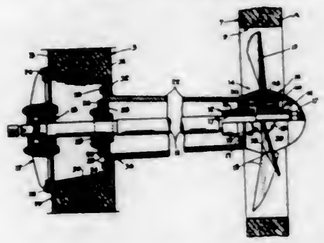
front end of the handle for contact with the periphery of the grinding wheel, said transverse bar being adjustable forwardly and rearwardly on the table to move the dressing wheel toward or away from the grinding wheel, and indicating means carried by the transverse bar.

2,452,399

STOCK AGITATING AND CIRCULATING ATTACHMENT FOR STOCK TANKS USED IN PULP AND PAPER MILLS

John Stadler, Montreal, Quebec, Canada

Application July 9, 1945, Serial No. 603,948
3 Claims. (Cl. 259—109)



1. A stock propelling attachment for pulp stock tanks of the character described comprising a tapered, tubular member open at both ends and adapted to be fitted in an opening in the wall of the tank with the smaller end of the tubular member directed inwardly, an inwardly directed flange at the inner end of said tubular member, an outwardly directed flange at the outer end of said tubular member, an elongated tubular shaft housing provided with inwardly directed flanges at both ends and with an outwardly directed flange at one end, the last mentioned flange of the shaft housing being detachably secured to the outer side of the inwardly directed flange of said tubular member, a shaft bearing detachably secured to the inwardly directed flange at the free end of said shaft housing, a stuffing box detachably secured to the inwardly directed flange at the opposite end of the shaft housing, a spider detachably secured to the outwardly directed flange of said tubular member, a bearing supported by said spider in alignment with the first mentioned bearing and the stuffing box, a propeller shaft extending through said bearings and stuffing box and a propeller mounted on an end portion of the shaft projecting beyond the free end of the shaft housing.

2,452,400

HAIRPIN HOLDER

Adolph K. Stevens, Buffalo, N. Y.

Application October 28, 1946, Serial No. 706,173
11 Claims. (Cl. 132—9)



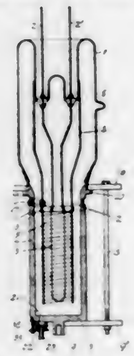
1. A holder for hair pins comprising a cup-shaped element of non-magnetic material, an upright permanent magnet disposed along the inside side wall of said cup and confined thereto with one pole adjacent the open face of the element and the other pole adjacent the bottom of said element, and a member attached to said cup and depending therefrom, by which the cup may be supported.

2,452,401

METHOD OF REGENERATION OF ELECTRON DISCHARGE DEVICES

Jiří Stivín, Rychnov, Czechoslovakia

Application July 3, 1947, Serial No. 758,857
In Czechoslovakia August 5, 1946
7 Claims. (Cl. 316—2)



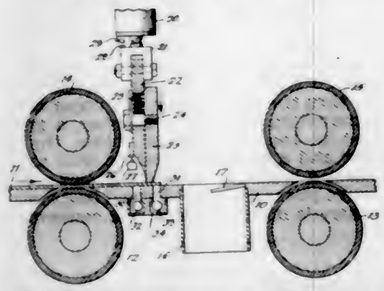
1. In a method for regeneration of electronic discharge devices, the outer vessel including a metal portion in combination, the steps of severing the said metal portion of said outer vessel so as to gain access to the interior of the discharge device; and then after performing work on the interior parts of the discharge device reconnecting the said severed portions of the outer vessel by forcing annular knife edges of a sealing ring made of a material harder than the material of said metal portion into the surfaces of said severed portions.

2,452,402

TRIMMING APPARATUS

Jack W. Stringe, Oak Park, Ill.

Application March 6, 1947, Serial No. 732,716
8 Claims. (Cl. 164—49)



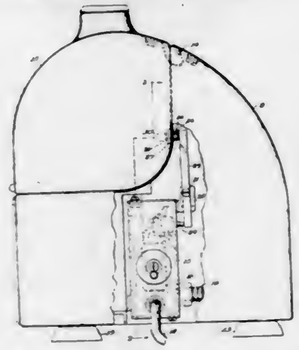
8. In trimming apparatus, a bed having a pair of spaced slots therethrough, photo-electric cells below said bed in alignment with said slots, a knife supported above said bed for movement toward the same to sever a sheet advancing thereon, a solenoid connected with said knife for operating the same, means for advancing a sheet along said bed, a solenoid-controlled clutch controlling the operation of said advancing means, and relay connections between said photo-electric cells and said solenoids whereby, upon the closing of the slots above both of said electric cells, said knife solenoid is set into operation for severing the forward edge of said sheet while disconnecting said clutch, and means actuated by the downward movement of said knife for conditioning said relays whereby, upon the uncovering of the first of said photo-electric cells by the sheet being advanced thereover, said knife solenoid is again actuated for the severing of the rear edge portion of said sheet.

2,452,403

SWITCH CONTROL MECHANISM FOR MEAT TENDERING APPARATUS

Hendrik Stukart, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana

Application October 27, 1943, Serial No. 507,800
10 Claims. (Cl. 200—50)



1. In a meat tendering machine having a source of power, a base, a cover and a safety switch, means for operating said safety switch to disconnect the source of power when the cover is opened, said means including a manually operable member adapted to render said switch operating means functionally ineffective, and means controlled by the closing of the cover to return said operable member to original position.

2,452,404

MANUFACTURE OF PHENOLS OR SALTS THEREOF

Daniel Tyrer, Stockton-on-Tees, England

No Drawing. Application April 25, 1946, Serial No. 664,977. In Great Britain September 4, 1942
6 Claims. (Cl. 260—628)

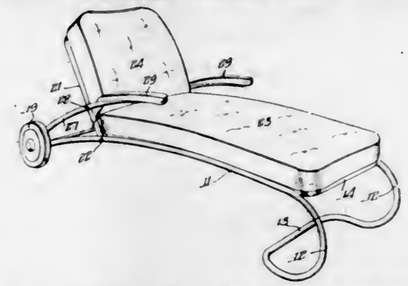
1. A process for the manufacture of phenols or salts thereof which comprises, preparing an intimate solid mixture of an alkali metal salt of the sulphonic acid corresponding to the phenol desired, a caustic alkali in substantially the theoretical quantity and an additional particulate solid substance selected from the group consisting of the normal alkali metal salts of sulphurous acid and of sulphuric acid in such proportion, comprising at least 2 per cent. to about 30 per cent. of the weight of the sulphonic acid salt, that during the subsequent heating operating the reaction mixture does not froth or swell and remains in a substantially solid condition, and then heating the said solid mixture at a temperature ranging from 350 to 400° C. to cause the sulphonic acid salt and caustic alkali to undergo reaction.

2,452,405

CHAISE LONGUE

William W. Vincent, Jr., Kenosha, Wis., assignor to The Vincent-McCall Company, Kenosha, Wis., a corporation of Wisconsin

Application December 12, 1946, Serial No. 715,778
1 Claim. (Cl. 155—112)



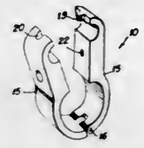
In a known type of chaise-longue having a main-body, a back rockingly-mounted on said main-body for inclination adjustment, and means to lock said back releasably in different positions of adjustment, the novel improvement that said locking-means includes the combination of a pair of longitudinal spaced-apart arm-rest supporting-bars, means hinging said bars at points intermediate their ends on said back, and a plurality of downwardly releasable locking-means partially on the rear portion of said main-body and partially on the rear portions of said bars maintaining the back in any one of a plurality of adjusted positions, the temporary lifting and lowering of the forward portions of said arm-rest bars by the occupant of the chaise-longue rendering said locking-means temporarily inactive permitting adjustment of said back, said releasable locking-means on the rear portion of said main-body being a pair of loops in which said bars are slidable, said loops having apertures and said bars having projecting pins adapted to individually occupy said apertures to lock the back in different positions of adjustment.

2,452,406

TWO-PART, SCREW-CONNECTED CLAMP

Bernhard Volkery and John Koslowski, Shrub Oak, N. Y.

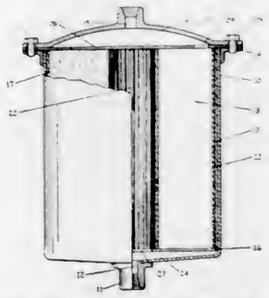
Application December 2, 1947, Serial No. 789,184
2 Claims. (Cl. 24—81)



2. A clamp comprising a pair of half-sections hingedly connected together at one end and each including in its intermediate portion an inwardly projecting shoulder and including an inwardly opening recess at each terminal portion, an elongated fastening element penetrating holes in the shoulders and cooperating therewith for releasably holding the shoulders in mutually abutting relation so that each opposed pair of recesses forms a substantially closed opening adapted to hold a rod, rope or the like, in combination with a cooperating tongue and groove provided on the extreme ends of the respective half-sections opposite the hinged ends thereof for in-

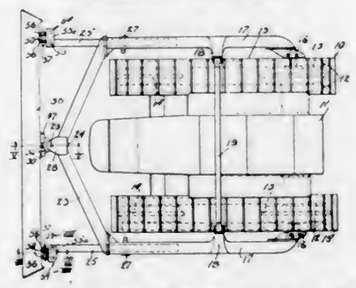
terfitting to align the holes to receive the elongated fastening element and prevent lateral displacement of the half-sections and for assisting in maintaining the adjacent recess sufficiently closed to prevent loss of the contained rod, rope or the like upon the fastening element becoming loose and the half-sections hinging to angularly parted relation.

2,452,407
FILTER
Earl C. Walker, Altadena, Calif.
Application January 12, 1945, Serial No. 572,471
6 Claims. (Cl. 210—169)



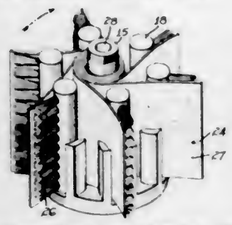
1. A filtering unit comprising: a plurality of filtering cells each of sectoral cross-section and open at their axial ends, said cells being grouped about a common center to form compositely an annular open-ended cylinder, the side walls of said filtering cells extending radially and disposed in mutually supported relation to resist the force of fluid under pressure within said cells; means forming interstitial drainage passages communicating with the inner and outer peripheries of said cylinder; headers common to said cells and sealed to the otherwise open axial extremities thereof, one of said headers defining an opening communicating with the center of said cylinder, the other having openings communicating with the interiors of said cells.

2,452,408
GRADE BUILDER BLADE MOUNTING
Harry H. Washbond, Springfield, Ill., assignor to The Baker Manufacturing Company, Springfield, Ill., a corporation of Illinois
Application November 29, 1943, Serial No. 512,187
17 Claims. (Cl. 37—144)



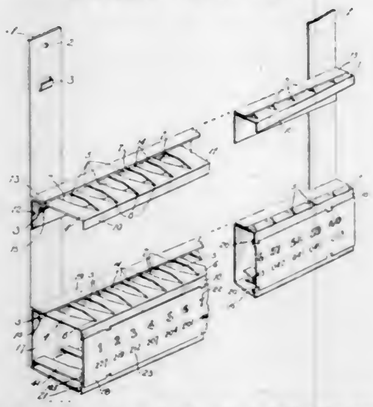
12. In a bulldozer, the combination of: a U-shaped supporting frame, having a vertical hole in the center of the U; a blade, having two undercut arcuate recesses facing each other on the rear face thereof; an attaching member having a flat vertical plate portion, opposite edges of which are designed to register loosely with said two recesses respectively, and having at least one rearwardly projecting lug with a vertical hole therein to register with the vertical hole in the U; and a pin for insertion in these holes.

2,452,409
ROTARY ABRADING DEVICE
Wiley W. Wickman, Los Angeles, Calif.
Application January 3, 1947, Serial No. 720,051
8 Claims. (Cl. 51—194)



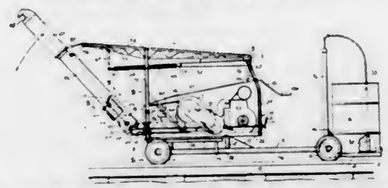
1. In a rotary abrading device, the combination of: spaced end members connected by a central axial member, a plurality of spacers positioned at intervals around the central member and extending between the end members, abutments provided on at least one of the end members extending adjacent said spacers, a plurality of abrasive strips encircling the central member and each having an end thereof extending outwardly between one of the spacers and the adjacent abutment, and means on the end members for moving the spacers radially outwardly to clamp the abrasive strips between the spacers and the abutments.

2,452,410
DRILL ROD RACK
Otto Wiegel, Chicago, Ill.
Application September 6, 1945, Serial No. 614,773
6 Claims. (Cl. 211—87)



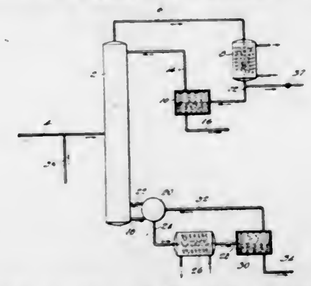
2. In a rod rack, a shelf plate uniformly tapered in width from end to end and having therein a longitudinal series of spaced apertures of like-tapered form with respect to an axis transverse to the plate, the narrow ends of such apertures being uniformly spaced inward from the front edge of said plate and the sides of said apertures extending to the rear edge of the plate, whereby the apertures of the series are graded as to areas by the slant of the rear edge of the plate, a vertically disposed rear panel having a top flange overlapping and connected to said plate, and a bottom panel extending horizontally across the vertically projected areas of said apertures.

2,452,411
WEED BURNER
Horace E. Woolery, St. Paul, Minn.; Myra Lillian Woolery, executrix of said Horace E. Woolery, deceased, assignor to Woolery Machine Company, Minneapolis, Minn., a corporation of Minnesota
Application May 14, 1943, Serial No. 486,973
12 Claims. (Cl. 126—271.2)



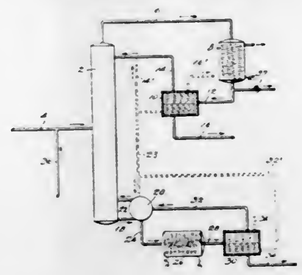
1. In an apparatus of the character described and including a supporting platform, a frame pivotally supported at one end on the platform for horizontal swinging movements at its other end with respect to the platform, a substantially semi-circular track supported on the platform beneath the swinging end of the frame and centered about the pivot axis upon which the frame swings, wheels on the frame adapted to travel along said track as the frame swings, selectively applicable brake means on the frame and operative when applied to bear downwardly on the track and elevate the wheels clear of the track, and a flame projector on the frame and movable therewith.

2,452,412
CONCENTRATING AND REFINING FORMALDEHYDE SOLUTIONS BY DISTILLATION WITH HYDROCARBONS
Soon Y. Wong, Pawhuska, Okla., assignor to Skelly Oil Company, Tulsa, Okla., a corporation of Delaware
Application July 27, 1945, Serial No. 607,461
15 Claims. (Cl. 202—42)



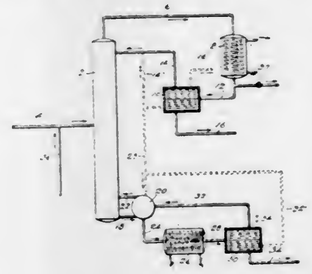
1. In a process of refining and concentrating dilute aqueous solutions of formaldehyde, the steps of distilling, at a temperature in excess of 100° C., said dilute aqueous solutions together with a normally liquid hydrocarbon having from about 6 to about 15 carbon atoms per molecule, and collecting the overhead formaldehyde vapors and condensing them as formaldehyde solution of greater concentration than that of said dilute aqueous solutions.

2,452,413
CONCENTRATING AND REFINING FORMALDEHYDE SOLUTIONS BY DISTILLATION WITH HALOGENATED HYDROCARBONS
Soon Y. Wong, Pawhuska, Okla., assignor to Skelly Oil Company, Tulsa, Okla., a corporation of Delaware
Application July 27, 1945, Serial No. 607,462
16 Claims. (Cl. 202—42)



1. In a process of refining and concentrating dilute aqueous solutions of formaldehyde, the steps of distiling, at a temperature in excess of 100° C., said dilute aqueous solutions together with a halogenated hydrocarbon having a boiling point of about 70° C. to about 300° C., and capable of forming a heterogeneous azeotrope with water, collecting the overhead formaldehyde vapors and condensing them as formaldehyde solution of greater concentration than that of said dilute aqueous solutions.

2,452,414
CONCENTRATING AND REFINING FORMALDEHYDE SOLUTIONS BY DISTILLATION WITH OXYGENATED HYDROCARBON DERIVATIVES
Soon Y. Wong, Pawhuska, Okla., assignor to Skelly Oil Company, Tulsa, Okla., a corporation of Delaware
Application July 27, 1945, Serial No. 607,463
16 Claims. (Cl. 202—42)



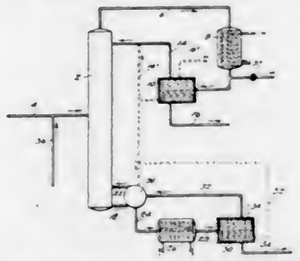
1. In a process of refining and concentrating dilute aqueous solutions of formaldehyde, the steps of distilling, at a temperature in excess of 100° C., said dilute aqueous solutions together with an oxygen-containing hydrocarbon derivative boiling between about 70° C. and 300° C., substantially insoluble in water but capable of forming a heterogeneous azeotrope therewith, and collecting the overhead formaldehyde vapors and condensing them as formaldehyde solution of greater concentration than that of said dilute aqueous solutions.

2,452,415

CONCENTRATING AND REFINING FORMALDEHYDE SOLUTIONS BY DISTILLATION WITH HYDROCARBON DERIVATIVES CONTAINING NITROGEN AND OXYGEN

Soon Y. Wong, Pawhuska, Okla., assignor to Skelly Oil Company, Tulsa, Okla., a corporation of Delaware

Application July 27, 1945, Serial No. 607,464
16 Claims. (Cl. 202—42)



1. In a process of refining and concentrating dilute aqueous solutions of formadehyde, the steps of distilling, at a temperature in excess of 100° C., said dilute aqueous solutions together with a hydrocarbon derivative containing nitrogen and oxygen boiling between about 70° C. and about 300° C., substantially insoluble in water but capable of forming a heterogeneous azeotrope therewith, collecting the overhead formaldehyde vapors, and condensing them as formaldehyde solution of greater concentration than that of said dilute aqueous solutions.

2,452,416

PROCESS OF MAKING DIMETHYL SILICONE PRODUCTS

James G. E. Wright, Alplaus, N. Y., assignor to General Electric Company, a corporation of New York

No Drawing. Application April 26, 1944, Serial No. 532,879
8 Claims. (Cl. 260—448.2)

1. The process of hydrolyzing a liquid dimethyldihalogenosilane which comprises (1) pouring the said dimethyldihalogenosilane onto a hydrolysis medium consisting of a finely-divided, solid, inorganic compound selected from the class consisting of hydrated inorganic salts in which the anion is unpolymerized, and metal hydroxides other than the hydroxides of the alkali and alkaline-earth metals, thereby to produce an aqueous phase and an oily phase containing the methylpolysiloxane hydrolysis product, and (2) recovering the methylpolysiloxane hydrolysis product.

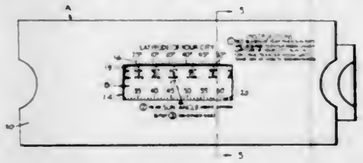
2,452,417

METHOD AND APPARATUS FOR USE IN DESIGNING SOLAR HOUSES

William A. Zentis, Chicago, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio

Application December 13, 1946, Serial No. 715,920
3 Claims. (Cl. 235—70)

1. In a slide rule type calculating device, a fixed member and a sliding member, means on one part of said fixed member and on one part of said sliding member for determining the sun angle for a given latitude at a given season comprising, markings on said fixed member designating degrees of latitude, an indicating device also on said fixed member, markings on said sliding member designating seasons of the year and positioned to register with the said markings on the fixed member, and other markings on said sliding member designating degrees of sun angle positioned to register with said indicating device on the fixed member, the lines of each of said sets of mark



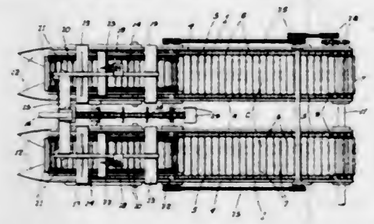
ings being spaced to establish the various seasons in ratio to the declination of the earth's axis at the corresponding seasons of the year and arranged relative to the other markings to indicate the correct sun angle when a selected season marking is set at a fixed point.

2,452,418

BEET DIGGER

Roscoe C. Zuckerman, Stockton, Calif.

Application May 29, 1944, Serial No. 537,794
5 Claims. (Cl. 55—138)



1. A two-row beet digger comprising a wheel mounted frame, a pair of transversely spaced beet lifting plows carried by the frame, means on the frame and connected with the plows to lower them into the earth whereby with a forward movement of the frame such plows will move in digging relation with the earth about the beets whereby to lift such beets, means carried by the frame and associated with the plows to carry the lifted beets to a point of discharge, an earth moving instrumentality carried by the frame and disposed between the plows and immediately adjacent the ground level and being operable to engage earth loosened by the plows and drag and spread it along the ground surface in a direction opposite to the direction of travel of the plows.

2,452,419

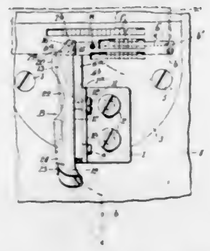
STRIP REVERSING BINDER FOR SEWING MACHINES

James E. Ackerman, Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application June 12, 1945, Serial No. 599,046
6 Claims. (Cl. 112—138)

1. A binding attachment for sewing machines comprising, a supporting bracket; an individually formed solid core member adjustably mounted on said bracket and having a laterally projecting center-fold-forming rib; an individually formed strip folder element secured to one face of said core member and having a flat body wall provided with an aperture through which said center-fold-forming rib projects, said element having strip guiding flanges and strip-margin folding means;

and an individually formed tongue member having a portion of substantially C-shape in cross section located between said center-fold-forming rib and the strip-margin folding means to form a strip passageway of substantially W-shape in



cross-section, said center-fold-forming rib affording, adjacent said passageway, a U-shaped strip-inverting edge about which the folded strip is passed, and a rearwardly extending channel for passage of the folded and inverted strip.

2,452,420

PHENOL-ALDEHYDE MOLDING COMPOSITIONS

John Allan, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application October 28, 1944, Serial No. 560,915. In Great Britain September 7, 1943
2 Claims. (Cl. 260—38)

1. Process for the production of moulding stock suitable for the preparation of mouldings of high resistance to alkaline solutions and of high impact strength, which comprises healing phenol and acetaldehyde in approximately equimolecular proportions in the presence of an acid catalyst to obtain a thermo-setting condensation product, dissolving said condensation product in a volatile solvent, mixing into said condensation product solution fibrous asbestos, a mould lubricant, and hexamethylenetetramine in an amount capable of providing not substantially less than one molecular proportion of formaldehyde per molecular proportion of phenol that has gone into the production of said condensation product, removing the bulk of said volatile solvent by evaporation under reduced pressure until the composition contains about 5% of its weight of the solvent, disintegrating the remaining composition into a fibrous mass and then removing the residual solvent from said fibrous mass by further evaporation under reduced pressure.

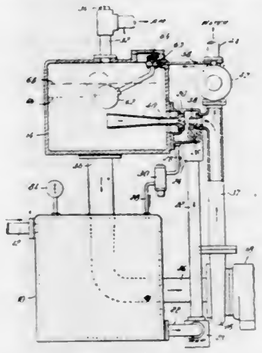
2,452,421

VACUUM RETURN PUMPING UNIT

Charles F. Ames, New York, N. Y.

Application September 29, 1945, Serial No. 619,291
8 Claims. (Cl. 103—5)

1. In a vacuum producing apparatus of the type described, which includes a vacuum chamber, a centrifugal pump, an ejector, and a sealing chamber into which the ejector discharges, the pump being arranged to draw liquid from the sealing chamber and supply it under pressure to the ejector, and the ejector being connected to the vacuum chamber to draw liquid and gas therefrom, the improvement which comprises separate means for conducting and controlling the flow of gas from the vacuum chamber to the ejector including a flow control valve and a check valve, means for discharging liquid from the outlet of said pump including a diaphragm controlled valve, and means for controlling the move-



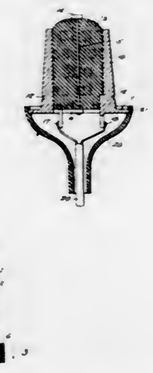
ment of the diaphragm of said valve in response to changes in the liquid level in the sealing chamber.

2,452,422

ELECTRICAL CONNECTOR

Cecil L. Basham, Athens, Ga.

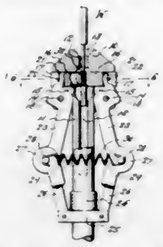
Application April 4, 1946, Serial No. 659,462
1 Claim. (Cl. 173—343)



An electrical connector including interlocking male and female units, the female unit comprising a hollow casing of electrically conductive material exteriorly formed, substantially throughout its length, for detachable engagement in an outlet receptacle, the inner surface of the casing being tapered, a head of insulating material permanently connected to one end of the casing, a spring contact within the head and extending from opposite ends thereof, and opposed V-shaped springs in the casing having their parts normally projecting into the hollow interior thereof, the male unit comprising a hollow casing of conductive material tapered exteriorly for insertion in the female unit, insulating material filling the interior of the casing of the male unit, and a conductor within the insulating material and extending from end to end thereof, said conductor being engageable with the spring contact of the female unit, there being short opposed grooves formed in and extending circumferentially of the

casing of the male unit in which the V-shaped springs are engageable, whereby to lock the male to the female unit by relative rotation of said units.

2,452,423
TOOL FOR REMOVING WIRE INSULATION
Arthur P. Bass, Newark, N. J.
Application October 10, 1945, Serial No. 621,471
8 Claims. (Cl. 15—93)



7. In a tool for the purposes described, a head member having an axial shank, said head member and shank being adapted to be rotated about the longitudinal axis thereof, said head member and shank having an axial wire receiving bore and diametrically aligned slideway passages radial to said bore, opposed tool members slidably mounted in said slideway passages, a primary lever member for each tool member pivotally connected with said head member adjacently below said slideway passages, each primary lever comprising an upper arm and a lower arm, said upper arm terminating in a cam finger cooperative with the tool member served thereby for moving the latter into and out of operative engagement with a wire inserted in said bore, a cross-head slidably mounted on the shank of said head member, secondary lever members respectively pivoted to the ends of said cross-head, weighty knuckle connections to pivotally interconnect corresponding secondary lever members and the lower arms of said primary lever members, whereby said connected lever members are adapted to respond to centrifugal force for movement in direction to advance the tool members served thereby into operative wire engaging positions, and spring means connected between the joined ends of said primary and secondary lever member sets whereby to retract the same and the tool members served thereby to normal initial positions when rotation of said head member is interrupted.

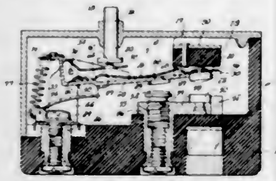
2,452,424
WICK HOLDER FOR EVAPORATORS
Morris Bell, New York, N. Y., assignor to Seeman Bros., Inc., New York, N. Y., a corporation of New York
Application August 3, 1945, Serial No. 608,721
2 Claims. (Cl. 299—20)

1. A wick holder for use in an evaporator and air freshening device of the type which comprises an absorptive wick partially folded upon itself and partially immersed in an air freshening and deodorizing fluid in a closable container with a restricted opening and adapted to be partially withdrawn therefrom by such holder for use, said wick-holder comprising a single piece of resilient material bent upon itself to provide, a loop positionable within the container opening for grasping by the fingers to withdraw the wick, a seat for supporting the folded part of the wick, and legs for frictional engagement with the walls of the container opening, the latter holding the withdrawn wick in desired position, and means



for positively attaching the wick to the wick holder.

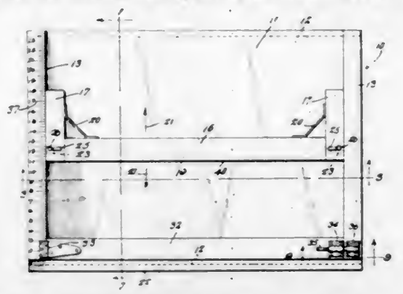
2,452,425
SWITCH
George H. Berkholder, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application January 5, 1946, Serial No. 639,334
6 Claims. (Cl. 200—67)



1. In a snap switch, in combination, a stationary contact, a movable contact arm, a spring blade carrying a movable contact on said arm for engaging said stationary contact, means for moving said movable contact into engagement with said stationary contact with a snap action, and means independent of said contacts for stopping said arm on movement in a contact closing direction, said spring blade being secured to said arm at one point and formed to bias the remote end thereof into engagement with said arm adjacent said movable contact, and slidably engaging said arm at a third point intermediate the first and second points.

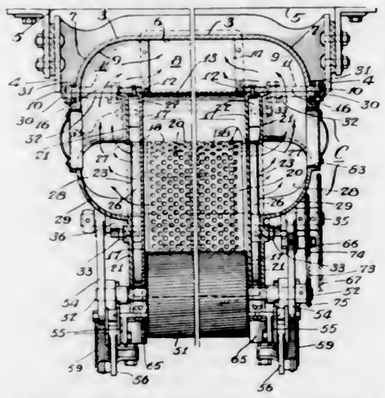
2,452,426
HOLDER FOR SHEET MATERIAL
Edward C. Blaske, Wellsville, N. Y.
Application December 6, 1946, Serial No. 714,606
4 Claims. (Cl. 164—79)

4. A holder for sheet material comprising in combination, a flat, elevated bed, a pair of parallel guides secured at the side edges of said bed, the opposed faces of said guides being formed with a pair of longitudinally extending channels, a substantially U-shaped gauging member slidable between said guides, the side arms of said member engaging said channels, a pair of locking cams rotatably mounted in said side arms and adapted to releasably engage said guides, externally operable means for actuating said cams, a clamping strip hingedly connected at one end thereof to one of said guides, a slidable lock bolt



at the remaining end of said strip, and an eye provided on the remaining guide, said bolt being engageable with said eye.

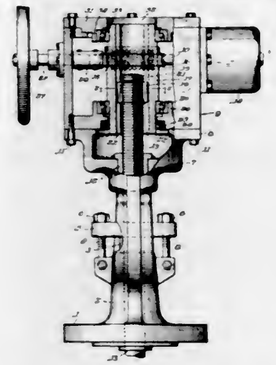
2,452,427
CONDENSER
William F. Bokum, Jenkintown, Pa., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application March 7, 1946, Serial No. 652,716
12 Claims. (Cl. 19—75)



1. A fibrous stock condenser comprising a hollow cylindrical rotary screen drum having an open end affording communication with the interior of the drum, a stock chamber including a stock retaining wall having a circular opening of greater diameter than said drum through which the open end of the drum projects beyond said stock retaining wall, and an exhaust chamber including a defining wall spaced from said stock retaining wall with a free air space therebetween and provided with a communicating port in registry with said open end of said drum.

2,452,428
FLEXIBLE VALVE STEM DRIVE
Corwin W. Bryant, Downers Grove, Ill., assignor to Crane Co., Chicago, Ill., a corporation of Illinois
Application August 30, 1945, Serial No. 613,579
1 Claim. (Cl. 74—504)

In a valve actuating mechanism, a combination comprising a housing, a valve bonnet cooperating with the said housing, a valve stem suitable for rotative and reciprocating movement relative to the said housing and said bonnet, a sleeve snugly journaled for rotative movement in the said housing and surrounding a portion of the said valve stem, the said stem being closely journaled for rotative and longitudinal movement in the said valve bonnet, driving means for rotating the said sleeve, a flat plate member serving as the driving connection between the said sleeve and the said stem, the said flat plate member extending diametrically across the upper end of the said stem and being relatively loosely carried in a transverse slotted opening extending



through the longitudinal axis of the said stem at the upper end portion thereof, the said flat plate member being smaller in thickness than the width of the slotted opening of the stem and also being smaller than the height of the said slotted opening, the said sleeve having diametrically disposed longitudinally extending slots to receive projecting end portions of the said flat plate member, the slots being of greater width than the thickness of the said flat plate member, and the distance between the bottoms of the said slots in the sleeve being greater than the length of the said flat plate member.

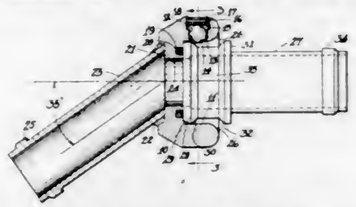
2,452,429
FUNGICIDAL COMPOSITIONS
Paul J. Carlisle, Wilmington, Del., and Wilbie S. Hinegardner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 2, 1945,
Serial No. 591,634
7 Claims. (Cl. 167—22)

1. A fungicidal composition comprising a mixture of paraformaldehyde and a chlorine derivative of trimethyl acetonitrile having the formula $C_4H_{(9-x)}Cl_x—CN$, where $x=1$ to 3.

2,452,430
QUICK DISCONNECT COUPLING
David M. Clark, Worcester, Mass., and George A. Hallenbeck, Rochester, Minn.; said Hallenbeck assignor to said Clark
Application January 17, 1947, Serial No. 722,550
6 Claims. (Cl. 285—97.3)

1. A coupling device comprising, an outer body member having a shouldered longitudinal bore therein, an inner body member adapted to enter said bore, a circumferential flange formed about the inner end portion of said inner body member, said inner body member having an outside diameter substantially less in size than that of said

bore thereby to form a clearance space therebetween, and a spring biased member carried by said outer body member and normally positioned against said flange thereby to bias said inner body member against the shoulder portion of said



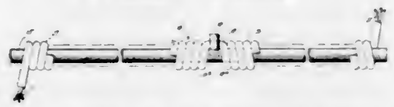
bore, said clearance space affording radial clearance of such magnitude as to permit the removal of said inner body member from said outer body member by a sidewise thrust exerted upon said inner body member at a point remote from said circumferential flange.

2,452,431

PRODUCTION OF VULCANIZABLE ELASTIC COIL CABLES HAVING REVERSINGLY COILED PORTIONS

Ralph D. Collins, Beverly Hills, Calif., and William J. Drigot, Chicago, Ill.; said Drigot assignor to Kellogg Switchboard and Supply Company, a corporation of Illinois

Application February 9, 1945, Serial No. 577,110
2 Claims. (Cl. 18—48)



2. The method of production of elastic coil structures characterized by the steps of: providing a flexible cord-like member comprising a cable portion of vulcanizable material, helically coiling respective portions of the member in opposite directions simultaneously each upon one of a plurality of parallel mandrels, vulcanizing the material while the member is still coiled upon the mandrels, removing the member from the mandrels, and subsequently reversing the direction of pitch of each coiled portion whereby the member has portions helically coiled in opposite directions and each portion is reversed in direction from that in which it was initially coiled and vulcanized.

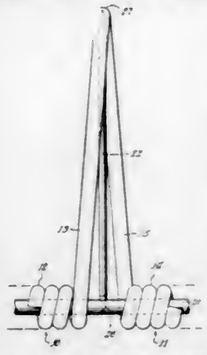
2,452,432

METHOD OF MAKING ELASTIC COIL STRUCTURES WITH UNCOILED ENDS

Ralph D. Collins, Beverly Hills, Calif., assignor of one-half to Kellogg Switchboard and Supply Company, a corporation of Illinois

Application February 9, 1945, Serial No. 577,111
2 Claims. (Cl. 18—6)

1. The method of making elastic coil structures with uncoiled ends, embodying a cord-like member including a vulcanizable material, which is characterized by the steps of forming a portion of the member into a coil, providing another portion of the member uncoiled, said uncoiled portion being provided by forming a hump in the member comprising a pair of legs, one leg extending integrally away from the coil and the other leg extending back toward the coil with a bight between said legs, holding the legs so extended to prevent coiling of the uncoiled portion and uncoiling of the coiled portion, vulcanizing the material while maintaining said coiled and



uncoiled portions in said forms, and severing said hump adjacent said bight.

2,452,433

METHOD AND APPARATUS FOR MAKING ELASTIC COIL CABLES WITH LONGITUDINAL ENDS

Ralph D. Collins, Beverly Hills, Calif., assignor of one-half to Kellogg Switchboard and Supply Company, a corporation of Illinois

Application April 12, 1945, Serial No. 588,043
2 Claims. (Cl. 18—6)



2. Means for making elastic coil cables with uncoiled ends embodying a vulcanizable material, comprising a mandrel for coiling a portion of the cable thereon in the form of a helix when the vulcanizable material thereof is incompletely vulcanized, and support means carried by the mandrel for supporting an uncoiled portion of the cable spaced from and in a direction lappingly of the coiled portion, said means preventing the uncoiling of said coiled portion and the coiling of said uncoiled portion during subsequent vulcanization of the material on the mandrel, whereby to form a coiled structure having an uncoiled end of predetermined formation, wherein the last mentioned means includes a curvilinear guide formation accommodating the bight of the cable between the coiled and uncoiled portions to avoid marking the cable at said bight.

2,452,434

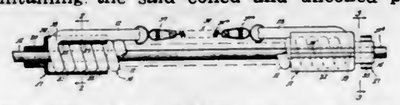
APPARATUS FOR MAKING ELASTIC COIL STRUCTURES WITH LONGITUDINAL ENDS

William J. Crehan, Chicago, and Ralph J. Arnold, Western Springs, Ill., assignors, by mesne assignments, to Kellogg Switchboard and Supply Company, Chicago, Ill., a corporation of Illinois, and Ralph D. Collins, Beverly Hills, Calif.

Application May 7, 1945, Serial No. 592,398
5 Claims. (Cl. 18—6)

5. The method of making elastic coil structures with longitudinal ends which is characterized by the steps of encasing a conductor in a sheath of vulcanizable material to form a cable, forming a portion of the cable into a coil, forming other portions of the cable at each end uncoiled and

extending longitudinally of the coil, connecting the said uncoiled portions together during vulcanization to hold them longitudinal and lapping the coil, vulcanizing the material while maintaining the said coiled and uncoiled por-



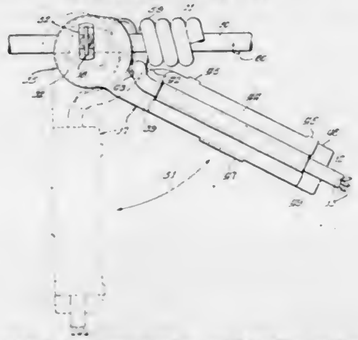
tions in said forms, and inverting the direction of pitch of the coils whereby the uncoiled portions extend longitudinally beyond the coil after reversal and serve as connecting tails for the cable.

2,452,435

APPARATUS FOR PRODUCING ELASTIC COILS WITH CONNECTING TAILS

Ralph J. Arnold, Western Springs, Ill., and William D. MacDonald, Santa Monica, and Ralph D. Collins, Beverly Hills, Calif., assignors, by mesne assignments, of one-half to Kellogg Switchboard and Supply Company, Chicago, Ill., a corporation of Illinois, and one-half to Ralph D. Collins, Beverly Hills, Calif.

Application August 8, 1945, Serial No. 609,686
6 Claims. (Cl. 18—6)



4. Means for production of elastic coil cables embodying a vulcanizable material and for use with a mandrel for coiling the cable thereon during vulcanization of the material, embodying, a clamp member, comprising, a mandrel engaging part including a U-shape base adapted to receive the mandrel therein, a cable carrying part arranged to clamp an uncoiled cable portion thereto, said cable carrying part including a knuckle element and an arm element, said knuckle element being secured to the base, and a clamping screw passing through said knuckle element and a leg of the base to which the knuckle element is attached for engagement with the mandrel, wherein the knuckle element is pivoted to said leg on the shank of said screw and there is a spring interposed between the head of the screw and the knuckle element to create friction therebetween to yieldingly permit swinging of the cable carrying part with respect to the mandrel engaging part.

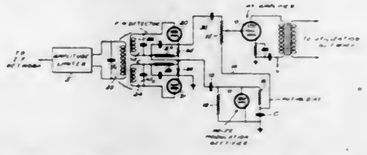
2,452,436

RECEIVER MUTING CIRCUIT

Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application July 1, 1943, Serial No. 493,052
1 Claim. (Cl. 250—20)

In combination with a pair of opposed diode rectifiers having a common frequency discriminator input circuit, each of said rectifiers having a pair of series-connected load resistors across which rectified signal voltages are developed in response to frequency variations of signal energy at said input circuit, a common output circuit including a predetermined one of each said pair of said resistors in series relation, an amplifier having an input connection to a point of said output circuit at which said rectified voltages are combined in polarity opposition, a third diode rectifier having an input connection, said input



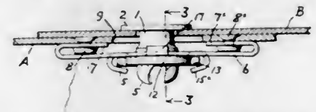
connection being made to a point on one of the rectifiers to apply to the third rectifier the total rectified voltages of like polarity across the second load resistor of said one rectifier and across the said predetermined one resistor of the second rectifier whereby voltage representative of amplitude modulation of said signal energy is applied to said third rectifier in response to the signal energy to noise energy ratio decreasing to a predetermined magnitude, and means responsive to rectified voltage derived from the third rectifier for rendering said amplifier ineffective.

2,452,437

FASTENING DEVICE

Edmond C. Crowther, Philadelphia, Pa.

Application November 3, 1943, Serial No. 508,788
4 Claims. (Cl. 24—221.2)



1. A keeper for a stud of a fastening device having spiral slots and a head, comprising a flat spring having a body portion, a tab extending from each of the opposite ends of the body adapted to be secured to a base to which a member is to be secured by the stud through which it passes, there being a central aperture in the body of greater diameter than the stud bounded by an annular flange, said flange having diametrically opposite recesses, a non-resilient bar mounted in said recesses spanning the aperture arranged to be engaged by the spiral slots in the stud for drawing the member to be secured against the base by the head thereof, and projections extending from the body of the spring for retaining the bar in position in the flange.

2,452,438

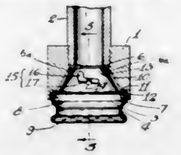
MOUNTING FOR INVERTED INCANDESCENT MANTLES

Cortland W. Davis, Summitville, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois

Application December 17, 1945, Serial No. 635,561
5 Claims. (Cl. 67—101)

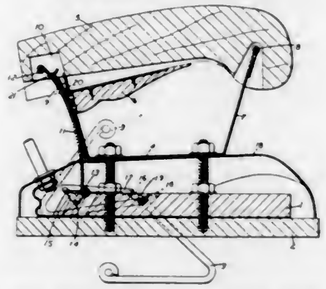
3. Means for supporting an inverted incandescent mantle on a burner head having an upwardly converging conical bore in its lower portion and an annular seat extending outwardly from the

lower end of said bore and having locking pins extending into said bore, said burner head also having a tubular extension projecting downwardly from the outer edge of said seat, which mantle supporting means is characterized by and comprises a mantle mounting of sheet metal having an upper portion of a shape corresponding to said bore and also having at the lower end of its upper portion an outwardly extending annular portion for engaging said seat, the upper portion of said



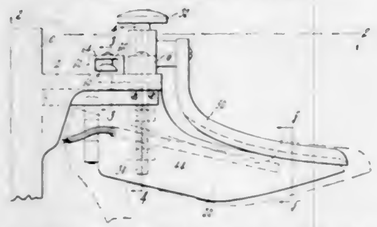
mantle mounting having locking slots for engaging said pins to hold said mantle mounting in tight engagement with said seat, the upper portion of said mantle mounting being somewhat smaller laterally than said bore to leave a small clearance space between said upper portion and said bore, said mantle mounting below and from the outer edge of its said annular portion, having a cylindrical portion of an external diameter to fit said tubular extension to center said mantle mounting in said bore.

2,452,439
SUPPORTING STAND FOR FLATIRONS
Helen Craig Davis, London, England
Application April 23, 1945, Serial No. 589,916
In Great Britain October 31, 1944
3 Claims. (Cl. 38—79)



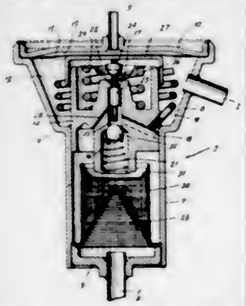
1. A hand iron comprising a main body; a stirrup rigidly fixed thereto; a first handle portion rigidly fixed to said stirrup; a second handle portion pivoted to one upright branch of said stirrup, said second handle part being movable with respect to said first one between an adjacent and a spaced positioned relationship by effect of the weight of said main body, stirrup, and first handle portion, when the iron is suspended by said second handle portion; a link member pivoted to said second handle portion and movable therewith with respect to said main body; a first crank shaft journalled in said main body and rocked by the motion of said link member between two extreme positions corresponding to said adjacent and spaced positioned relationship of said second handle portion with respect to said first handle portion; a second crankshaft journalled in said main body and carrying support extensions, said second crankshaft being rockable between two extreme positions of said support extensions, a lowered operative and a raised inoperative position; link means connecting said first and second crankshafts whereby the rocking motion is transmitted from the former to the latter; and spring means secured to said stirrup and frictionally engaging said link member, whereby sufficient resistance is created to the motion of said link member to prevent the same from occurring by effect only of the moment of said support extensions and crankshafts about their journals.

2,452,440
POSITIVE AND LOCK LATERAL SHOE STRETCHING MECHANISM
Frank De Curtis, Queens Village, N. Y.
Application July 15, 1947, Serial No. 761,109
3 Claims. (Cl. 12—128.5)



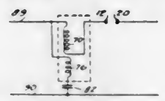
1. A device for stretching the vamps of shoes, comprising a support, a longitudinally split shoe form having two parts hinged together at the heel end and supported by said support, a fixed auxiliary member mounted on said support and projecting forward over the forward part of said form to enter a shoe therewith, and means for forcing said parts to swing away from each other about their hinge axis.

2,452,441
REGULATOR VALVE HAVING A CAPILLARY TUBE EXPANSION PASSAGE
John E. Dube, Clayton, Mo., assignor to Alco Valve Company, University City, Mo., a corporation of Missouri
Application June 17, 1944, Serial No. 540,817
10 Claims. (Cl. 62—127)



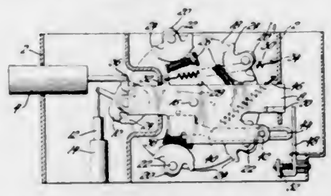
2. In a regulating device for a fluid conducting conduit, a valve for the conduit, a capillary tube connected to the outlet side of the valve and through which the fluid flowing through the conduit must pass, a restricted passage for bypassing fluid around the valve when the same is closed, a pressure controlled member for controlling the opening and closing of the valve, said member being subject on one side to the pressure of the fluid in the conduit beyond the capillary tube, and means for subjecting the opposite side of the member to pressure from a pressure producing means controlled by temperature changes.

2,452,442
AUTOMATIC RECLOSING CIRCUIT BREAKER
Andrew W. Edwards, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 19, 1944, Serial No. 554,754
5 Claims. (Cl. 175—294)



1. An automatic reclosing circuit breaker, comprising, separable contacts which are biased closed so as to automatically close the circuit following a circuit interrupting operation, solenoid means for separating said contacts against said bias comprising a coil connected in series with said circuit so as to draw current substantially in phase with the current through said contacts so as to be responsive to overload currents to separate said contacts and interrupt the circuit, and another coil capacitively connected across said circuit to draw current lagging out of phase with the current through said contacts, whereby said solenoid means is effective to separate said contacts in response to low power factor faults as well as overloads which cause excess current at the breaker.

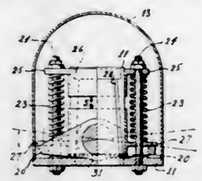
2,452,443
SEQUENTIAL TURRET TUNER
Jacob O. Elsea, Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 14, 1946, Serial No. 690,457
3 Claims. (Cl. 74—10)



1. In an indexing mechanism for sequential type turret radio tuners including; a reciprocating member carrying a rotatable turret with a plurality of tuning cams equidistantly spaced on said turret, said turret also having a plurality of projections equidistantly spaced thereon, an indexing member slidably supported by said reciprocating member and biased into contact with said equidistantly spaced projections, said indexing member so positioned and arranged as to engage a projection on said turret to index the turret and to engage two of said projections to maintain said turret in the indexed position.
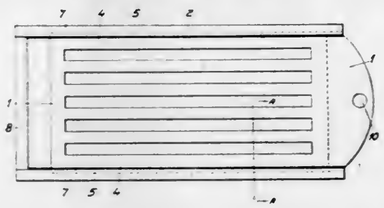
2,452,444
ADJUSTABLE PITCH AIRPLANE PROPELLER
Olaf C. Enerud, Brooklyn, N. Y.
Application April 5, 1945, Serial No. 586,752
2 Claims. (Cl. 170—162)

1. An automatically adjustable pitch aeroplane propeller comprising a hub suitable for mounting on a standard propeller shaft, said hub having a plurality of split radial bearings; a plurality of propeller blades rotatably mounted in said radial bearings; a lever fastened to the inner end of each of said propeller blades, said lever being bent in 90 degrees; an inner sleeve slidably mounted upon said hub, said sleeve having a plurality of lugs engageable with the ends of said levers; an outer sleeve slidably mounted upon said hub, said outer sleeve having a plurality of lugs; a plurality of bolts placed through



holes in said lugs in said sleeves and fastened at one end in the rear wall of said propeller hub; a spring placed over each of said bolts with its ends engaged between said lugs of said sleeves whereby the torque developed by said propeller blades reduce the pitch of same against said spring pressure.

2,452,445
BREAD CUTTING BOARD WITH CRUMB TRAY
Arnold Halfdan Ericsson, Jarna, Sweden
Application June 4, 1945, Serial No. 597,413
In Sweden April 23, 1945
2 Claims. (Cl. 146—215)

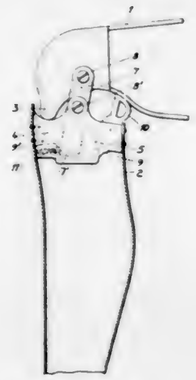


1. A bread cutting board with crumb tray comprising a base shaped as a substantially open-top box and a removable rigid cover for said box, said cover having a substantially plane top surface to support the bread loaf or cake to be cut and being provided with a plurality of parallel slots through which crumbs can fall into said box, a small part of the cover near one edge thereof being imperforate transversely of the apertures to form, with the part of the box underneath said imperforate cover part, a pocket in which crumbs which have fallen into the box are collected on tilting of the latter, the said walls of the box being provided with longitudinal grooves near their upper edges, and the removable cover carrying on its side edges guide rails slidably fitting into said grooves so that the box may be opened for the removal of crumbs therefrom without a complete separation of the cover from the box.

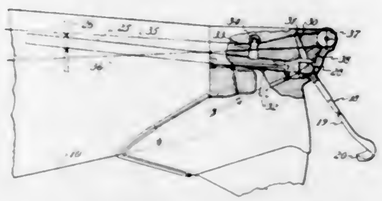
2,452,446
KNEE JOINT FOR PROSTHESES
Otto Ivan Fahlström, Stockholm, Sweden
Application April 28, 1944, Serial No. 533,142
In Sweden January 10, 1942
7 Claims. (Cl. 3—2)

1. A knee joint for prostheses comprising a link swingably connected intermediate its ends with the shin member at each side of the joint, the up-

per ends of the said link being jointed to the thigh casing of the prosthesis, and resilient means urging the lower ends of said links towards the front of the shin member.



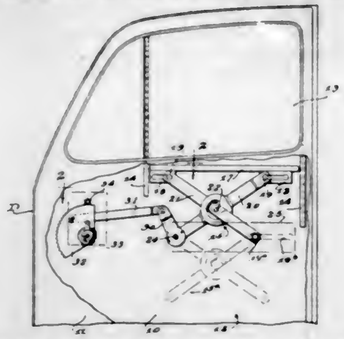
2,452,447
ARRESTING GEAR
Fredric E. Flader, Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of Delaware
Application August 29, 1934, Serial No. 741,893
14 Claims. (Cl. 244—110)



3. In aircraft having a fuselage, an arresting gear mounted for longitudinal movement of said fuselage and for subsequent vertical swinging relative thereto, unitary means successively operable to effect said longitudinal movement and for subsequently effecting said vertical swinging.
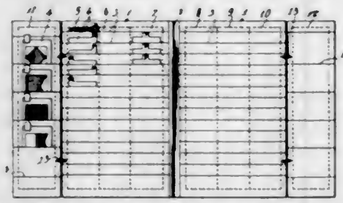
2,452,448
VEHICLE WINDOW REGULATOR
Burton S. Floraday, Toledo, Ohio, assignor to Marvel Equipment Corporation, Detroit, Mich., a corporation of Michigan
Application October 26, 1944, Serial No. 560,372
2 Claims. (Cl. 268—126)

1. Automobile window regulator mechanism comprising a swinging regulator arm adapted operatively to engage at its outer end an edge portion of a window panel for actuation thereof, a pivotal mounting for the inner end of said arm, separate actuating means disposed at one side of the plane of window movement, an operative connection between said actuating means and said regulator arm, said connection including a horizontally disposed link and a relatively short arm to the outer end of which said link is pivoted, said short arm extending at substantially right angles to the inner end of said swinging arm and being initially adjustable angularly relative thereto during installation of the regulator mechanism, and



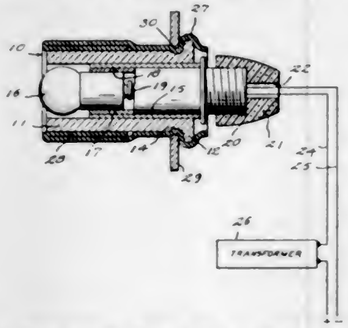
means for securing said short arm rigidly to the end portion of said swinging arm.

2,452,449
SIGNAL TRAINER
Ralph K. Forsyth, Santa Barbara, Calif.
Application March 19, 1945, Serial No. 583,544
2 Claims. (Cl. 35—14)



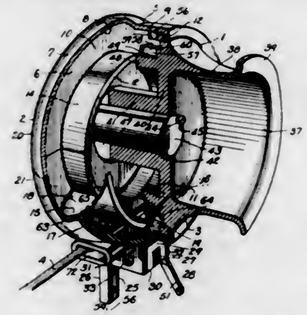
1. In a signal trainer, a panel having pockets thereon for the reception of a series of cards, a panel hinged to said first panel and having a series of pockets in vertical alignment, said hinged panel being rotatable upon its hinge to a position adjacent the back of said first panel whereby a signal may be displayed by positioning signal cards in said vertically aligned pockets and by rotating into view said hinged panel into the position adjacent the back of said first panel.

2,452,450
THERAPEUTIC DEVICE
Charles Henry Fredenburg, Nyssa, Oreg.
Application December 6, 1946, Serial No. 714,558
3 Claims. (Cl. 128—399)



1. A therapeutic device for applying heat and light to the mouth and throat of a person comprising a cylindrical body, a metal socket in said body, a contact member in said socket, a light bulb in said socket engaging said contact member, an annular flange on the rear end of said body, said body formed with an annular groove adjacent said flange on the forward side thereof, an open ended cylindrical insulating cover about said body, said cover engaging in said groove and about said flange, an annular disk about said body engaging in said groove, and means connecting said socket and said contact with a source of electric supply.

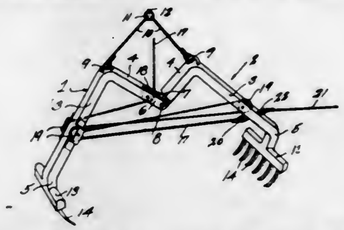
2,452,451
AUTOMATIC CATHEAD
Orren M. Gahagan, Dallas, Tex.
Application March 23, 1945, Serial No. 584,342
12 Claims. (Cl. 254—173)



10. A device of the character described including a jerk line, a knob, means for swiveling the knob on the end of the jerk line, a stator having a circumferential track for the knob, a stop having check and rest faces forming respective ends of the track, a rotor having a circumferential face substantially corresponding in diameter with the face of the stator for winding the jerk line thereon, means for supporting the stator in substantially coaxial side-to-side registry with the rotor, a transfer mechanism associated with said stator for rolling the swivel mounted knob from engagement with said rest face on the stator into alignment with the circumferential face of the rotor, a knob pickup on the rotor for carrying the line about the face of the rotor, and a deflector adjacent the check station on said stator and extending into the path of said swivel mounted knob to disengage the knob from the pickup and to roll the knob onto the track into position to engage said check face.

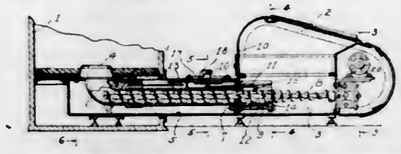
2,452,452
GRAPPLE
Walt R. Girnus, Spokane, Wash.
Application December 3, 1945, Serial No. 632,351
1 Claim. (Cl. 294—112)

A grapple comprising arms formed of metal bars having inwardly bent upper and lower end portions, cross heads at lower ends of said arms projecting from opposite sides thereof, teeth carried by said cross heads and spaced from each other longitudinally thereof, hinge ears at upper ends of said arms pivotally connected and mounting the arms for swinging movement to opened and closed positions, eyes projecting outwardly from inner ends of the bent upper end portions of said arms, a lifting cable over said arms having branch cables extending from its lower end and secured to said eyes, a pulley rotatably mounted between hinge ears of one arm, pulleys carried by said arms in spaced relation to their bent upper and lower end portions, an eye carried by one arm adjacent the pulley intermediate the length thereof, and a cable for moving the arms to a closed position extending downwardly in engagement with the first pulley and



then passed back and forth between the arms in engagement with the second mentioned pulleys and secured at its lower end to the eye intermediate the length of the last mentioned arm whereby pull upon the upper end of the cable will close the arms.

2,452,453
STOKER PROVIDED WITH A METERING CONTROL TO DETERMINE FUEL AND AIR FEED
Roy F. Graham, University City, Mo., assignor to Stok-A-Fire Company, Inc., University City, Mo., a corporation of Missouri
Application April 16, 1945, Serial No. 588,639
3 Claims. (Cl. 110—45)

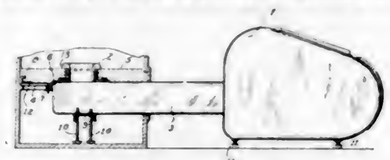


1. In a stoker furnace including a combustion hearth, a coal hopper, a conduit interconnecting said hearth and hopper, a conveyor operative at an unalterable single speed in said conduit for moving coal from said hopper through said conduit to said hearth, manually adjustable means for controlling air to said hearth for combustion, adjustable means manually movable to be set for controlling the rate of feed of coal by said conveyor without varying the speed of movement of the latter, and scale means in the path of movement of said last-mentioned means for indicating thereon the proper settings of said air-control means for each such setting for coal feed.

2,452,454
DEVICE FOR FACILITATING STOKER INSTALLATIONS
Roy F. Graham, University City, Mo., assignor to Stok-A-Fire Company, Inc., University City, Mo., a corporation of Missouri
Application April 16, 1945, Serial No. 588,640
2 Claims. (Cl. 110—45)

1. The combination with a stoker having a hearth for substantially permanent installation within a furnace and adapted to be spaced from the interior wall of the latter, of a series of rods pivotally carried at said hearth and provided with upwardly extending hooks at their free ends for grasping thereat for manipulation to enable said series of rods to be movable in substantially a

horizontal plane to adjustably vary the distances between their free ends and said hearth, whereby



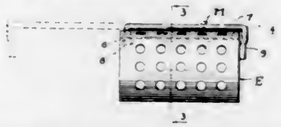
the hooks may be brought into contact with the interior wall of differently sized and shaped furnaces.

2,452,455
LADDER ATTACHMENT
Thomas E. Graham, Oklahoma City, Okla., assignor of one-third to Loyal J. Miller, Oklahoma City, Okla.
Application July 23, 1945, Serial No. 606,611
4 Claims. (Cl. 248—238)



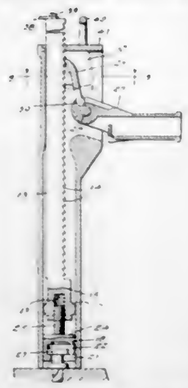
1. As an article of manufacture, a unitary structure including: two vertically spaced horizontal platforms, the upper one partially overlying the lower one; a connector extending between opposite ends of said platforms and rigidly holding them with their upper surfaces in parallel relation; a depending hook at the free end of each platform; and an outwardly extending downwardly projecting stabilizing hook intermediate the ends of said connector.

2,452,456
HAIR CURLER
Tom Calvin Grant, Oklahoma City, Okla.
Application July 9, 1946, Serial No. 682,349
4 Claims. (Cl. 132—41)



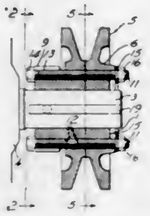
1. A device for curling hair comprising an elongated cylindrical element, the periphery of the element being provided therealong from one end to the other with a groove and a clasp member comprising an elongated bar to be received within the groove, one end portion of the bar having an angularly disposed arm, the wall of the groove at one extremity being provided with an opening through which said arm is freely disposed, means carried by the outer extremity of the arm for limiting the extent of outward movement of said arm through the opening and means carried by the end portion of the bar remote from the arm and frictionally engaging the opposite end portion of the element to hold the clasp member in effective position.

2,452,457
BOLT PULLER
Griffin W. Gray and Charles B. Wade, Roanoke, Va.
Application September 18, 1945, Serial No. 617,103
3 Claims. (Cl. 254—18)



1. A puller comprising an elongated hollow member formed with a cylindrical housing and a pawl housing extending from said cylindrical housing, a socket member slidable in said cylindrical housing, a toothed rack fixed to said socket member in offset relation whereby one side of said rack will slidably engage both housings, a rock lever carried by said pawl housing, a pawl carried by said lever engaging said rack for moving said rack in one direction and a chuck carried by said socket, said socket being formed with interior threads, and an externally threaded stud carried by said chuck for detachably and rotatably coupling said chuck to said socket.

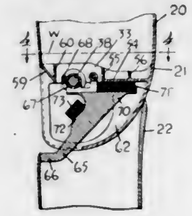
2,452,458
HUB STRUCTURE
Clarence J. Hahn, Buffalo, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware
Application May 23, 1945, Serial No. 595,462
1 Claim. (Cl. 287—53)



In a demountable sheave connection for transmitting the power of a motor or like power source which has a short rotatable power transmitting shaft, an adapter hub having a shaft receiving bore with a keyway in the wall thereof whereby said hub is mounted upon and keyed to said shaft, said hub being radially split along its entire length and having an internal longitudinal groove diametrically opposite said split extending radially from said bore, said hub having a flange formed on one end and substantially the remainder of said hub having an externally tapered portion, threaded means in said flange

extending across said split for clamping said hub in a fixed position on said shaft, said hub being mounted on said shaft with the flange next to said motor, a sheave having a tapered opening for engaging the tapered portion of said hub mounted on said hub, said connection having a plurality of through bores parallel to the axis of said shaft, each of said bores being of uniform diameter and having one portion in the wall of the tapered opening of said sheave and the remaining portion in said hub so as to intersect the surface of engagement of said sheave and said hub, a bolt member extending through each of said bores, a nut member engaging said bolt member, one of said members bearing against the outer portion of said hub flange and the other bearing against the outer portion of said sheave whereby upon tightening of said bolt and nut the sheave will be drawn on said hub toward said motor.

2,452,459
KNEE STRUCTURE FOR ARTIFICIAL LEGS
James E. Hanger, III, Washington, D. C., assignor to Metal Limb Manufacturers, Inc., Washington, D. C., a corporation of Delaware
Application October 3, 1945, Serial No. 620,049
3 Claims. (Cl. 3—2)

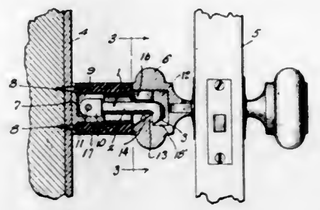


1. An integrally cast knee cap adapted for attachment to the thigh portion of an artificial leg, said cap being of bowl-like form and having aligned side openings for the reception of a pivot bolt, a pair of laterally spaced apart vertical webs extending from front to rear across the interior of the cap, a pair of bearing portions aligned with said openings and each extending between one of said webs and the adjacent side wall of the cap, said webs being interrupted at the inner ends of said bearing portions so as to pass a pivot bolt supported in and extending between said bearing portions, a knee check movably connected to said bolt, said cap having a rear slot providing clearance for the knee check between the planes of said webs, and a transverse wall joining said webs at the top of said slot and presenting an externally faced abutment surface.

2,452,460
SEPARATION OF 1-CYANOBUTADIENE-1,3 FROM ACETIC ACID BY AZEOTROPIC DISTILLATION
Virgil L. Hansley, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 9, 1945, Serial No. 581,928
2 Claims. (Cl. 202—42)

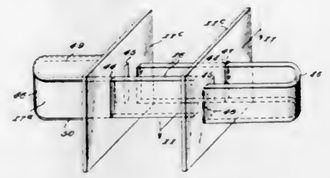
1. A method for the recovery of 1-cyanobutadiene-1,3 from a mixture containing acetic acid impurity which comprises adding triethylamine to said mixture and distilling a fraction consisting essentially of 1-cyanobutadiene-1,3 from the resulting mixture.

2,452,461
DOOR LATCH
Asa J. Harris, Long Beach, Calif.
Application January 11, 1946, Serial No. 640,437
1 Claim. (Cl. 292—130)



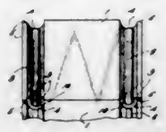
In a door catch for latching a door open and to a wall, a hollow door knob adapted to be mounted on the door for turning in opposite directions and forming a recess in said knob, a latch member having a hook end adapted to enter said recess when said door is opened, and a mounting for said latch adapted to be attached to said wall and in which the other end of said member is pivoted for vertical swinging of said member, said recess having a bottom camming ledge therein over which said hook end may ride upwardly to drop behind the same and latch said door open, and said recess having a front top notch fitting said hook end when the same rides upwardly whereby turning of said knob is prevented until said hook end drops behind said ledge, said recess being widened between said ledge and notch to permit said hook end to be withdrawn from said recess when the knob is turned in opposite directions.

2,452,462
CONCRETE EXPANSION JOINT
John N. Heltzel, Warren, Ohio
Application September 7, 1944, Serial No. 553,057
2 Claims. (Cl. 94—18)



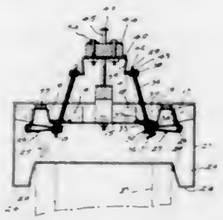
1. Load transfer means for an expansion joint connecting opposed edges of concrete slabs and an interposed apertured expansion strip, said load transfer means comprising a shear plate for engagement with each side of said strip, a dowel rigidly supported by each plate for projection through the aperture in said strip, each plate having an aperture for slidably receiving the dowel of the other plate in the expansion or contraction of the joint, each dowel comprising the forward end of a bar extending through a second aperture in the supporting plate, the bar rearwardly of the plate being bent in the provision of a U-shaped portion with the free end of the bar engaged with the shear plate and rigidly secured thereto, said shear plates being of sufficiently heavy gauge to slidably sustain said dowels and prevent spalling of the slab thereabout and said dowel-receiving apertures being disposed between the opposed legs of the U-shaped portions.

2,452,463
BUILDING BLOCK
Donald H. Herbert, Spokane, Wash.
Application September 4, 1945, Serial No. 614,384
1 Claim. (Cl. 72—38)



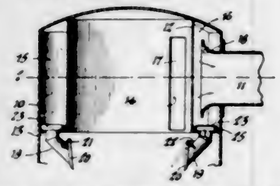
A building block comprising a body having side walls and end walls and longitudinally and transversely extending partitions re-inforcing the walls, said side walls having their upper edge faces formed with longitudinally extending grooves arcuate in cross section and bordered by inner and outer horizontally extending flat surfaces, one end wall being formed adjacent its side edges with grooves arcuate in cross section and having their upper ends registering with ends of grooves in upper edge faces of the side walls, and ribs extending along lower edge faces of the side walls and along the outer face of the other end wall adjacent side edges thereof and projecting outwardly therefrom for fitting into grooves of adjoining blocks of a wall, the ribs being of less width and depth than the grooves to provide mortar-receiving space in the grooves about ribs fitting therein, and the ribs being bordered by mortar-receiving channels extending the full length thereof arcuate in cross section, and the marginal surfaces along outer side edges of the grooves being offset with respect to surfaces along inner side edges of the grooves to provide mortar crevices between confronting outer edge faces of adjoining blocks of a wall.

2,452,464
MORTAR APPLYING DEVICE
James H. Herman, Jr., Temple, Tex.
Application December 19, 1946, Serial No. 717,279
2 Claims. (Cl. 72—128)



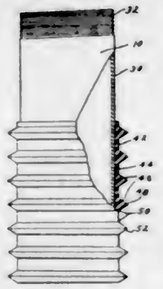
1. A mortar applying device comprising a frame formed of a horizontal plate and a pair of end plates depending from the ends of said first plate, said horizontal plate being formed with a pair of elongated parallel downwardly facing mortar receiving channels on said horizontal plate, a valve member for closing each channel at the open end thereof, means pivotally mounting said valve members below said horizontal plate at one side of said channels, a common operator for said valve members carried by said horizontal plate, each of said end plates being formed with downwardly divergent tapered cutouts within which a tile is adapted to engage to thereby correctly position said channels relative to the tile, and means normally urging said operator to hold said valve members in closed position whereby movement of said operator against the spring tension thereof will pivot said valves to open position for depositing mortar on the tile.

2,452,465
CENTRIFUGAL SEPARATOR
Burton S. Hughes, Buffalo, N. Y., assignor to Zaremba Company, Buffalo, N. Y., a corporation of Maine
Application March 21, 1946, Serial No. 656,001
1 Claim. (Cl. 183—79)



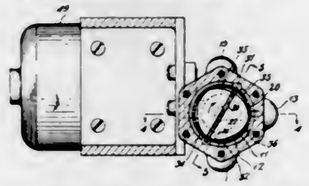
A separator of the character described, comprising a cylindrical body having a concentrically-shaped circular partition therein terminating at its lower end in an annular flange abutting said body and defining inner and outer communicating chambers with the outer chamber closed at its top and bottom and constituting a centrifugal separating chamber, said partition having a port therein for establishing communication between such chambers and a radial closure wall extending across the outer chamber at one side of said port, a vapor discharge pipe communicating with said separating chamber adjacent the opposite side of said radial closure wall and extending part way into the same and having an outwardly-flared intake mouth, a drain pipe leading from the bottom of the separating chamber and provided at its lower end with a vertically-swinging valve for permitting liquid to flow therefrom but preventing the flow of vapor into such chamber, and a box-like shield disposed over the mouth of said drain pipe and having an opening in that side thereof facing toward the direction of flow of the liquid through the separating chamber.

2,452,466
SEALING TIP FOR WELL CASINGS
Roy Jaswell, Smithfield, R. I.
Application July 19, 1944, Serial No. 545,665
1 Claim. (Cl. 166—10)



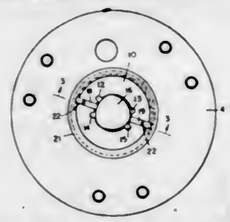
A sealing tip for use on well casings for sealing holes in bed rock, comprising a short pipe section having an externally threaded upper end adapted to be detachably coupled to the threaded lower end of the pipe casing and an annular resilient rubber sealing member comprising a cylindrical sleeve of substantial height permanently rigidly secured throughout its length to the outer surface of the lower end of the pipe section having resilient rubber sealing flanges triangular in section to terminate in annular sealing ridges projecting integrally radially outwardly from said sleeve, said flanges being spaced axially from each other distances at least substantially the radial height of the flanges.

2,452,467
SLIDABLE ABUTMENT ROTARY PUMP
James P. Johnson, Shaker Heights, Ohio
Application December 1, 1942, Serial No. 467,510
17 Claims. (Cl. 103—123)



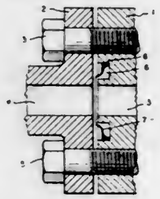
1. A rotary fluid metering pump comprising; a housing having a pump chamber therein, a fluid inlet opening, and a pair of fluid outlet openings; a rotor rotatably disposed in said pump chamber and having a non-circular peripheral wall in the form of alternate ridges and depressions so positioned relatively to each other that the same dimension prevails between all diametrically opposite points on said peripheral wall when passing through the axis of rotation of said rotor, said ridges being rotatably engageable with the inner peripheral wall of said pump chamber and the intervening depressions being of substantially equal volumetric capacities; and a blade assembly slidably but non-rotatably mounted in said housing and having its opposite ends engageable with diametrically opposite sides of the peripheral wall of said rotor for effecting reciprocation of said blade, the opposite ends of said blade dividing said pump chamber into separate non-communicating portions; said pump being provided with a passageway affording communication between said fluid inlet opening and both of said pump chamber portions; said pump containing a pair of non-communicating passageways each of which affords communication between different pump chamber portions and different fluid outlet openings of said pair, whereby, upon rotation of said rotor, fluid is drawn into the alternate depressions successively in both pump chamber portions from said fluid inlet opening and discharged under pressure in substantially equal volumes from the different fluid outlet openings.

2,452,468
RECIPROCATING ABUTMENT FLUID PUMP
James P. Johnson, Shaker Heights, Ohio
Application July 20, 1944, Serial No. 545,777
7 Claims. (Cl. 103—123)



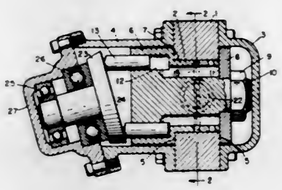
1. In a pump of the character described, the combination of a housing member having a bore therein, a substantially annular stator member in said bore and having radial slots in a local area, a rotor within said stator member, radially reciprocable blades adapted to bear at their centerwise inner ends on said rotor and being mounted in said stator slots, and an annular member bearing by one of its faces against said blades and snugly embracing the periphery of said stator in said area.

2,452,469
SEAL
James P. Johnson, Shaker Heights, Ohio
Application May 22, 1945, Serial No. 595,108
2 Claims. (Cl. 285—137)



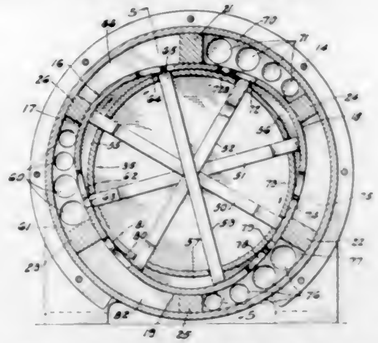
1. The combination with separable machine parts having annular juxtaposed faces, of a metallic sealing ring of S-shaped cross section axially flexed with the large and small diameter axially remote portions thereof respectively in yieldable sealing engagement with such faces, and a non-metallic sealing ring about said metallic ring in sealing engagement with the latter and with the part engaged by such large diameter axially remote portion of said metallic ring.

2,452,470
DISTRIBUTING DEVICE
James P. Johnson, Shaker Heights, Ohio
Application January 17, 1946, Serial No. 641,742
18 Claims. (Cl. 103—1)



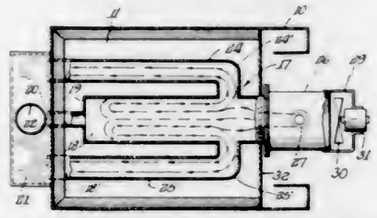
13. In a device of the character described, the combination of a body portion formed with a fluid pressure inlet passage and a plurality of discharge passages, a single rotor rotatably mounted in said body portion formed with a plurality of cavities each of which successively communicates with such inlet passage and a preselected one of such discharge passages during rotation of said rotor, a piston in each of such cavities moved in one direction therein by fluid under pressure when the cavity associated therewith is in communication with such inlet passage, means engaged by said pistons converting such piston movement into rotation of said rotor, said means being so formed that said pistons are forced in an opposite direction during rotation of said rotor when the cavities associated therewith are in communication with their respective preselected discharge passages.

2,452,471
ROTARY VANE PUMP
Guy A. Jones, Long Beach, Calif., assignor to Eaton Pump Manufacturing Company, Inc., a corporation of California
Application May 19, 1945, Serial No. 594,717
2 Claims. (Cl. 103—138)



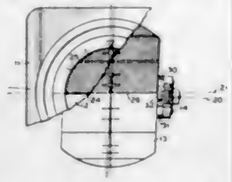
1. A rotary vane pump comprising a non-rotatable piston cylinder the peripheral wall of which consists of form-retaining sheet material having outswelled peripheral portions forming piston pockets, said outswelled portions being contoured like ends of an ellipse and being circumferentially spaced apart, the spaces between them being bridged by outcurves into which they blend in a streamline manner, said outcurves being parts of circles struck from radii of greater than half the mean diameter of said piston cylinder, a hollow skeletal cylindrical rotor having its periphery contacting the inner surface of the peripheral portion of the wall of said non-rotatable cylinder between adjacent said outswells thereof, and an assembly of interlaced piston blades within said rotor and extending diametrically therethrough, said rotor having peripheral openings through which the diametrically opposite end portions of said piston blades project varying distances as they pass through said pockets to perform the pumping operation, there being inlet and outlet ports associated with said pockets.

2,452,472
COMBUSTION TUBE HEATER FOR COOKING CONTAINERS
Richard T. Keating, Oak Park, Ill.
Application November 4, 1944, Serial No. 561,851
8 Claims. (Cl. 126—391)



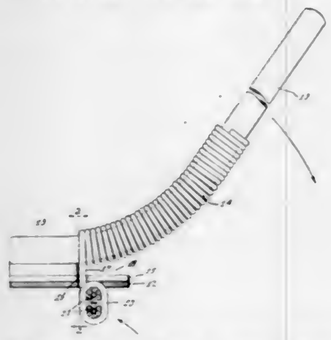
5. The combination of a combustion chamber tube and a pair of L-shaped heat-exchanger tubes communicating with the intake end of said combustion chamber tube adjacent the burner end thereof and having their main body portions extending parallel to said combustion chamber tube, a constricted relatively small outlet flue eccentrically mounted in the end of said combustion chamber tube, said combustion chamber tube having its intake end, opposite the burner end, closed, except for said constricted relatively small outlet flue.

2,452,473
GYROSCOPIC FLIGHT INSTRUMENT
Spencer Kellogg, 2nd, Glen Head, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application October 17, 1945, Serial No. 622,771
10 Claims. (Cl. 74—5)



1. In a universally maneuverable gyro vertical for aircraft, a casing, a ring pivotally mounted in said casing with full freedom about a substantially horizontal axis, a rotor frame mounted on the ring to pivot about a second substantially horizontal axis perpendicular to the first axis; and means for preventing reversal in the relation between the rotor frame and ring when the axis of the ring moves through a vertical position during movement of the craft comprising a pair of stops and a limit piece, one of which is mounted on the frame and the other of which is mounted on the ring, said piece engaging the stops to limit the movement between the frame and ring to a range of between ±75 and ±89 degrees from the normal positions thereof.

2,452,474
SERVING TOOL
Harry L. Kitselman, Muncie, Ind., assignor to Indiana Steel & Wire Company, Muncie, Ind., a corporation of Indiana
Application December 29, 1944, Serial No. 570,338
7 Claims. (Cl. 140—124)



1. In a serving means for securing together a plurality of elongated articles in juxtaposed relationship, said means comprising a supply of wire in the form of a close-wound helical coil from one end of which there projects in a plane substantially normal to the coil a generally straight stretch of wire adapted to be secured to said articles, the internal diameter of said coil being less than ten times the diameter of the wire composing it, an elongated support disposed within and frictionally engaging said coil, means for locating along said support that end of said coil from which said generally straight stretch extends, said means comprising an abutment having a coil-engaging surface generally normal to the coil-axis, and a shoe mounted at one side of said support adjacent the generally straight stretch of wire extending from said coil and adapted to engage said articles as the support and shoe are rotated thereabout, said serving means being free of any wire-deforming provisions engaging said straight stretch of wire.

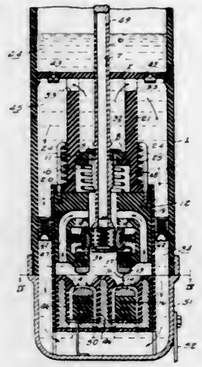
2,452,475
CONVERTIBLE RAINCOAT OR CAPE
Marie J. Kraft, Three Oaks, Mich., and Margaret Durey, Cleveland, Ohio, assignors to The Warren Featherbone Co., Three Oaks, Mich., a corporation of Michigan
Application August 13, 1945, Serial No. 610,472
3 Claims. (Cl. 2—87)



1. A convertible cape or coat comprising front and back body portions each being formed at their shoulder and armpit junctions thereof with elongated arcuate sleeve aperture edges, a pair of sleeves each having at its upper end an arcuate edge extending substantially diagonally to the inner and outer longitudinal edges of the sleeve and which arcuate edges are adapted to be secured to the arcuate edges of the sleeve opening, a pair of cooperating zipper track-carrying tapes associated with each sleeve opening, one of said tapes being secured to the edge of the sleeve opening formed in the back, and said tape being also secured to a portion of the arcuate edge of a sleeve and the other zipper track-carrying tape being secured to that edge of the sleeve opening formed in the front of said body portion and said second tape likewise being secured to the remaining portion of the arcuate edge of said same sleeve, and a slider mechanism cooperating with said zipper track portions carried by said tapes whereby to lock and unlock them so that when the zipper tracks are unlocked the sleeve may be projected externally of the coat to form an ordinary type of sleeve permanently secured to the body portion of the coat and whereby alternatively said sleeve may be tucked in said sleeve opening and extended inside of said coat and the zipper tracks locked to close the sleeve aperture and provide a cape.

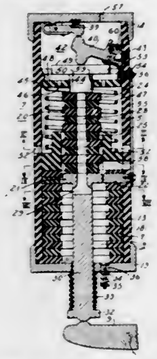
2,452,476
CIRCUIT INTERRUPTER
Winthrop M. Leeds, Forest Hills, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 15, 1944, Serial No. 549,575
14 Claims. (Cl. 200—150)

1. In a circuit interrupter of the liquid break type, a substantially enclosed casing, an operating rod movable through a wall of the casing, a liquid moving piston secured to and movable with the operating rod within the casing, a cylinder within which the piston moves to drive liquid, a relatively stationary ring-shaped contact, an operating member carrying a movable ring-shaped contact and adapted for limited movement axially of the casing, biasing means surrounding the cylinder biasing the operating member and movable ring-shaped contact to the open position, a



resilient means interposed between the piston and the operating member so that closing movement of the operating rod will effect through the resilient means closing motion of the operating member and movable ring-shaped contact against the biasing action exerted by the biasing means, and liquid passage means communicating at one end with the piston movable within the cylinder and at the other end with the two ring-shaped contacts.

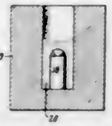
2,452,477
CIRCUIT INTERRUPTER
Winthrop M. Leeds, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 16, 1945, Serial No. 588,573
17 Claims. (Cl. 200—150)



1. In a circuit interrupter, a piston chamber, a stationary contact, a piston member carrying a movable contact and operative within the piston chamber, the movable contact separating from the stationary contact to establish an arc when the piston member is moved into the piston chamber, the movement of the piston member into the piston chamber causing fluid to flow toward the arc to facilitate the extinction there-

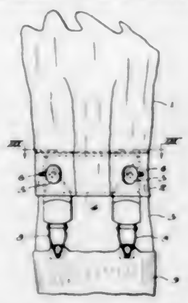
of, a by-pass channel formed in the piston member to permit fluid within the piston chamber to by-pass the arc, and means operable only during high current interruption to close the by-pass channel.

2,452,478
DIAMOND TOOL AND METHOD FOR MAKING THE SAME
George W. Lucas, St. Clair Shores, Mich., assignor to Carboloy Company, Inc., a corporation of New York
Application May 10, 1944, Serial No. 534,920
4 Claims. (Cl. 125—39)



1. A diamond tool comprising a plurality of similar layers, each of said layers consisting of spaced diamonds embedded in a sintered hard metal carbide matrix impregnated with a cupreous metal, the number of diamonds in each layer being substantially equal and spaced apart substantially equal distances.

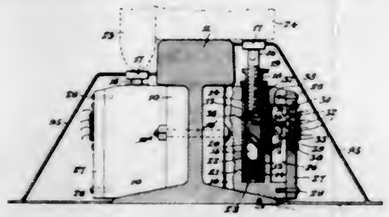
2,452,479
UNDERGARMENT
Frank N. Mason, Charleroi, Pa., assignor of one-fourth to Robert C. Mason, Pittsburgh, Pa.
Application September 3, 1947, Serial No. 771,949
6 Claims. (Cl. 2—224)



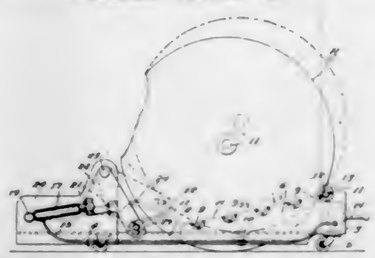
1. An improved undergarment having tubular leg portions adapted to reach just below the knees of the wearer, a circumferential hem of relatively inelastic material in the lower extremity of each leg portion, and an elastic tape disposed within the circumference of each hem and having its ends detachably secured at circumferentially spaced points in the sides of the hem, the elastic tape being adapted to rest directly against the front of the wearer's leg and to draw the back of the hem against the back of the wearer's leg and to leave the front of the hem and adjoining undergarment leg portion loosely disposed in front of the wearer's knee.

2,452,480
DEFECT DETECTOR FOR RAILWAY CAR WHEELS
James J. Mason, San Simon, Ariz.
Application August 17, 1945, Serial No. 611,075
2 Claims. (Cl. 246—246)

1. A contact device for the purpose set forth comprising a fixed housing adapted to be arranged at one side of a track rail and provided with a vertically disposed plunger chamber, a set of spaced contacts insulated from each other, mounted in and insulated from the housing and spaced from said chamber, said chamber having a slotted wall, a vertically movable spring controlled plunger operating in said chamber and provided with a vertically adjustable head impacted by a mobile body travelling over the track rail for varying the upward movement of the plunger, and a spring controlled circuit opening and closing element bodily movable with, connected to and extended laterally from the plunger, said element extended through said slot and cooperating with said contacts to close an actuating circuit when the plunger moves from normal position.



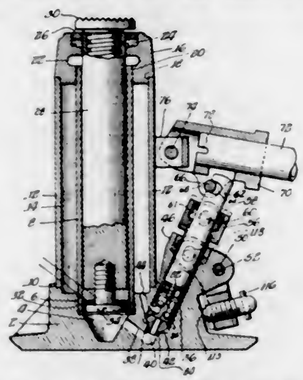
2,452,481
HYDRAULIC REEL MOUNT FOR WAREHOUSE TRUCKS
John H. Morehead and Henry D. Schmidt, Long Beach, Calif.
Application December 17, 1946, Serial No. 716,716
5 Claims. (Cl. 214—65)



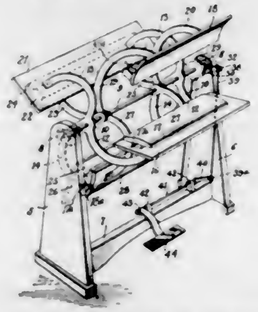
1. In a reel carrier, the combination with a horizontally disposed U-shaped base having a pair of longitudinally extending laterally arranged bed plates, and an interchangeable roller journaled in said plates, of a pair of longitudinally extending frame plates spaced from the bed plates and rigid with the base, a hydraulic jack pivotally mounted on each frame plate and manually controlled means for operating the jacks, an elevating lever mounted on each frame plate and operative connections between said levers and jacks, said levers having axially alined journal bearings, and an interchangeable reel-elevating roller journaled in said alined bearings.

2,452,482
HYDRAULIC JACK
Joseph J. Mueller, St. Joseph, Mich., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich., a corporation of Michigan
Application May 13, 1944, Serial No. 535,436
12 Claims. (Cl. 60—52)

1. In an hydraulic jack having a base provided with a bore, said base having thereon a ram cylinder, a liquid reservoir associated with said base, a pump cylinder comprising a sleeve of uniform cross section having a smooth exterior slidable in said bore, a ram for the ram cylinder, a piston reciprocable in the pump cylinder sleeve, conduit means in the base interconnecting the reservoir, the pump cylinder and the ram cylinder, ported and valved means carried by said pump cylinder sleeve for transferring liquid through said conduit means from the reservoir to the pump cylinder, and from the pump cylinder to the ram cylinder upon reciprocation of said piston, release valve means including a valve seat formed in the base in association with certain of said ports and including a release valve carried by said ported and valved means and shiftable with said cylinder sleeve and ported and valved means, and means connected with said cylinder and operative from a point exteriorly of said base, for sliding said sleeve in a direction parallel to its longitudinal axis while holding said sleeve from rotation for closing said release valve upon its seat.

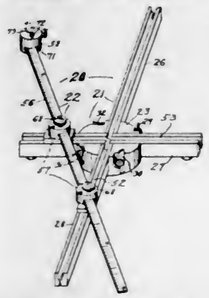


2,452,483
ROTARY PRESSING MACHINE FOR CONTINUOUS PRESSING OPERATIONS
Abe Newhouse, Brooklyn, N. Y.
Application August 1, 1946, Serial No. 687,667
3 Claims. (Cl. 38—22)



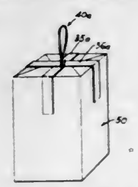
1. In a pressing machine; a rotatable horizontal shaft, a plurality of fixed bucks, a plurality of movable bucks adapted to cooperate with said fixed bucks, respectively, said shaft forming a common support for said fixed bucks and said movable bucks, brackets fixed to and radially extending from said shaft, radial arms loosely mounted on said shaft, said fixed bucks being connected to said brackets, said movable bucks being arranged for operative pressing contact with said fixed bucks, respectively, and being carried by said loosely mounted arms, and means operatively connected to said shaft to rotate the latter to thereby bring said movable bucks and respective fixed bucks successively in position before an operator.

2,452,484
ELLIPSOGRAPH
Kenneth B. Noble, Hartford, Conn.
Application April 15, 1944, Serial No. 531,149
4 Claims. (Cl. 33—31)



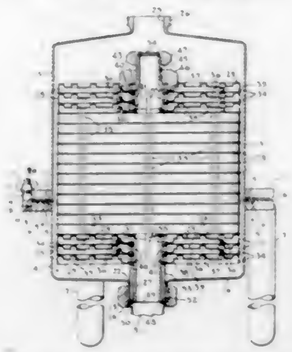
3. An ellipsograph including: a center hub; track-members forming track-means which is provided with two trackways extending transversely of one another; at least one of said track-members being removably securable to said center hub by means of a latch which is spring-pressed to latched position; said removable track-member having a cam-face adjacent one end for forcing the latch back against the action of the spring; and scribing means including slides slidable in said trackways for scribing an ellipse.

2,452,485
SEALING AND CARRYING DEVICE
William Obernauer, New York, N. Y., assignor to Ernest Jacobson, New York, N. Y.
Application April 17, 1945, Serial No. 588,827
5 Claims. (Cl. 229—52)



1. A device for sealing and carrying packages, parcels and like articles comprising two endless tapes, flexible handle means equidistantly arranged on and fixed to one of said tapes, the other of said tapes being provided with a plurality of perforations disposed adjacent said handle means of said one tape, said handle means extending partly through said perforations, respectively whereby said two tapes are coupled with each other, predetermined portions of said tapes being severable from the remainder of said tapes, so that the tape portion with perforation comes to lie on top of the tape portion provided with said handle and for rotatable movement about said handle prior to the application of said tape portions to a package to be sealed.

2,452,486
FILTER
James P. O'Meara, Milwaukee, Wis., assignor to W. M. Sprinkman Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application January 24, 1947, Serial No. 724,145
4 Claims. (Cl. 210—185)

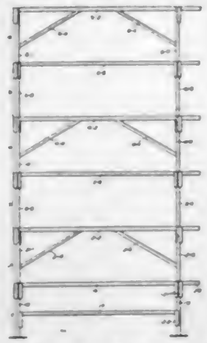


1. In a filter, the combination with a housing having a threaded opening, of an apertured stand-pipe having a flanged end abutting a portion of said opening, a supply pipe having a flanged end, a washer interposed between the flanged ends of said pipes, a nut for clamping the above named parts together and to said threaded opening, a spacer sleeve abutting the flanged end of said stand-pipe, a series of annular pad supporting disks arranged on said stand-pipe in juxtaposition having openings communicating with the apertures in said standpipe, annular filter pads interposed between said disks and clamped therebetween at their inner and outer edge portions, the upper end of said standpipe being threaded, and a nut mounted on said upper threaded end for clamping said disks and pads between it and said spacing sleeve.

4. In a filter, the combination with a housing having a threaded opening, of an apertured standpipe having a flanged end abutting a portion of said opening, a supply pipe having a flanged end, a washer interposed between the flanged ends of said pipe, a nut for clamping the above named parts together and to said threaded opening, a spacer sleeve abutting the flanged end of said stand-pipe, a series of annular pad supporting disks arranged on said stand-pipe in juxtaposition having openings communicating with the apertures in said standpipe, annular filter pads interposed between said disk and clamped therebetween at their inner and outer edge portions, and means for exerting a clamping pressure on said pads and disks.

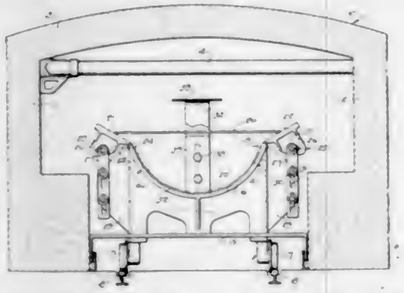
2,452,487
SCAFFOLDING AND LIKE STRUCTURES
Eugene O'Sullivan, Chislehurst, England
Application July 9, 1946, Serial No. 682,386
In Great Britain July 4, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires July 4, 1965
12 Claims. (Cl. 304—2)

1. A scaffold structure including at least two units, one of which units comprises four uprights, means rigidly connecting said uprights together in pairs to form two end frames, at least two longitudinal members and means for detachably connecting said longitudinal members at their ends to said end frames to form the unit, and another of which units comprises four uprights, means rigidly connecting said uprights together in pairs to form two side frames, at least two transverse members and means for detachably connecting said transverse members at their ends to said side frames to form the unit,



one of said units being adapted to be erected on top of the other said unit with the uprights of the upper unit superimposed on the uprights of the lower unit and means being provided for connecting the corresponding uprights of the upper and lower unit together to retain them against lateral displacement.

2,452,488
APPARATUS FOR BENDING GLASS
Ormond H. Paddock, Rossford, and John P. Pearse, Swanton, Ohio, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 19, 1941, Serial No. 423,632
11 Claims. (Cl. 49—7)



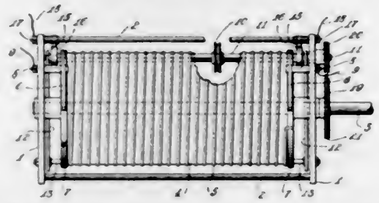
1. A method of bending glass sheets upon a shaping surface by the action of heat and gravity, comprising directing heat sufficient to bend the glass substantially uniformly toward the entire sheet and at the same time shielding preselected portions only of the area of said sheet from said heat to retard the heating thereof while accelerating the heating of other preselected portions to promote uniform settling of the sheet onto the mold and cause it to accurately conform to the mold shape throughout the area of the sheet.

4. In apparatus for bending glass sheets the combination with a bending mold for supporting a glass sheet to be bent and means for subjecting said sheet to radiant heat to effect a softening of the glass and settling of the sheet to take the shape of said mold, of a shielding body positioned above the mold and between it and the source of said radiant heat for retarding the passage of the heat rays to preselected portions of said sheet, and a heat reflecting surface beneath the sheet for reflecting certain of the heat rays back against the sheet.

2,452,489
MOTOR FUELS
William Arthur Partridge and Harold John Alty, Sunbury-on-Thames, England, assignors to Anglo-Iranian Oil Company Limited, London, England, a British corporation
No Drawing. Application February 1, 1946, Serial No. 644,998. In Great Britain February 19, 1945
7 Claims. (Cl. 44—69)

1. A process for stabilising gasoline fuels containing tetra-ethyl lead, consisting in the addition to the fuel of a small proportion of dialkyl sulphate.

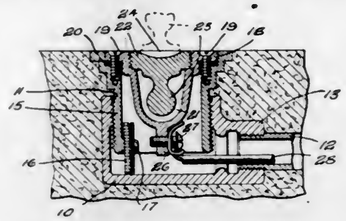
2,452,490
CONTINUOUSLY VARIABLE INDUCTANCE
Charles Edward Payne, London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application November 3, 1944, Serial No. 561,816
In Great Britain June 22, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires June 22, 1963
4 Claims. (Cl. 171—242)



1. Electrical apparatus comprising a continuous conductor mounted on a support, means rotatably mounting said support, a contact member in the form of a roller, means for causing said contact roller to traverse the length of said conductor by rotation of said support to enable the point of contact to be at any position within the length traversed by said contact roller, means for maintaining a desired contact pressure between said conductor and said roller, and driving means mechanically linking said roller to said rotatable support for constraining said roller to rotate at a speed substantially different from that corresponding to a simple rolling movement on said conductor when said rotatable support is rotated whereby an effective wiping contact between said roller and said continuous conductor is obtained during operation of the electrical apparatus.

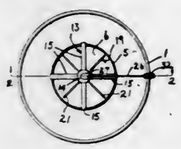
2,452,491
GROUNDING FITTING
Jay R. Petree, Fayetteville, N. Y., assignor to Crouse-Hinds Company, Syracuse, N. Y., a corporation of New York
Application August 23, 1946, Serial No. 692,461
5 Claims. (Cl. 174—51)

4. A grounding fitting of the type described comprising an outlet box having an open side and being provided with means for attachment to a grounded conductor, said box being adapted to be positioned in a wall or floor structure with the open side of the box accessible through the surface of the wall or floor structure, a sleeve mounted in the open side of the box and being adjustable toward and from the surface of the wall structure, means cooperable with said sleeve and box to maintain the sleeve in adjusted position, a cover member detachably secured to the outer end of said sleeve and being formed with a central de-



pressed portion extending into the sleeve, a terminal member formed with a substantially flat base portion and a contact projection, and means for detachably securing the base portion of said terminal member to the cover with the contact projection extending outwardly therefrom, or in reverse position with said contact projection extending into said recess.

2,452,492
CHURN
Walter Rivers, Coeur d'Alene, Idaho
Application July 22, 1946, Serial No. 685,472
1 Claim. (Cl. 259—56)

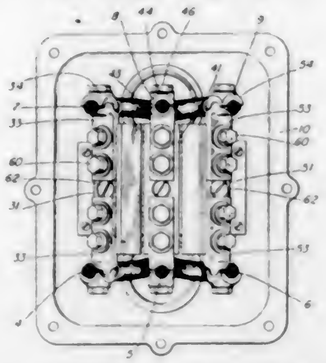


A churn comprising a container open at its top, means for removably mounting the container upon the upper end of an oscillating shaft, an agitator in said container having a vertical sleeve and blades carried thereby, a rod passing vertically through the sleeve and projecting upwardly therefrom, the sleeve being fixed to the rod, said rod having its lower end rotatably mounted at the bottom of the container to permit oscillation of the container relative to the agitator, a spider removably supported upon said container and formed with a bearing at its center through which the rod loosely passes, a bracket detachably connected with the upper end of the rod, a resilient wire curved longitudinally and having one end detachably connected with the bracket, and a clamp at the other end of the wire for detachably securing the wire to a support.

2,452,493
SILICONE RESINS FOR WELD COATINGS
Ernest Clarence Rollason, Waltham Abbey, and Ernest Horace Sebastian van Someren, Broxbourne, England, assignors to Metal & Thermit Corporation, a corporation of New York
No Drawing. Application January 23, 1947, Serial No. 723,886. In Great Britain February 22, 1946
6 Claims. (Cl. 219—8)

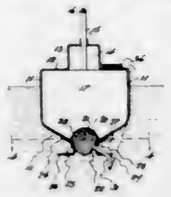
1. A flux coated electrode having as a binding agent in the coating an organo-silicon polymer.

2,452,494
PULL POINT CONNECTION DEVICE
Edward M. Rothen, Bloomfield, N. J., assignor to Russell & Stoll Company, Inc., New York, N. Y., a corporation of New York
Application October 28, 1947, Serial No. 782,633
5 Claims. (Cl. 174—59)



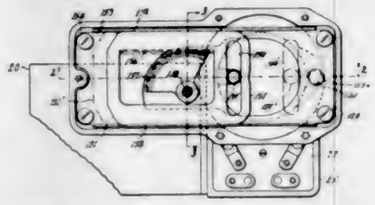
3. The combination for connecting the ends of large size electric insulated cables, and conductors, comprising a metallic plate apertured near each end for passage of a plurality of large insulated conductors, a supporting saddle mounted on said plate, said saddle having a horizontal top-central portion with side portions which incline obliquely downwardly on opposite sides thereof to the side walls of the saddle, individual insulating blocks of substantially rectangular form affixed to said top-central and said inclined surfaces, conductive bar members affixed to the top surfaces of said blocks and running between the ends of said blocks, terminal members at each end of each bar member and extending beyond the end adjacent the conductor-entrance apertures in said plate, means to secure the bared ends of conductors as they enter through said apertures in a straight line or at a deflection from a straight line not exceeding about 30° to said extending portions of said terminal members.

2,452,495
TOY SUBMARINE
Frederick Sabini, Salem, N. J.
Application August 23, 1946, Serial No. 692,444
5 Claims. (Cl. 46—94)



1. In a toy submarine of the kind described, a hollow hull body to which water is admissible when it is set afloat, air venting means communicating with the interior of said hull body, said hull body having at its top portion means to provide an air chamber adapted to buoy said hull body against the weight of water entered therein, a ballasting weight, said hull body having a downwardly open weight housing chamber at the bottom thereof, said weight having a major diameter and a minor diameter, weight supporting bracket means bordering the sides of said housing chamber, said supporting bracket means being spaced apart to provide a weight passage of a width slightly larger than the minor diameter of said weight, said weight being disposed with its major diameter across said supporting bracket means whereby to connect the weight with the hull body, said weight being turnable about its longitudinal axis whereby to place its minor diameter in a horizontal position within said weight passage so as to permit release of the weight from said hull body, and a lever arm extending from said weight operative, after submergence of the toy submarine, upon contact with the bottom to turn said weight to released position.

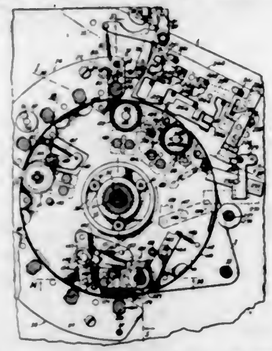
2,452,496
WINDSHIELD WIPER BLADE OPERATING MECHANISM
Paul L. Schneider and Derother H. Dudderar, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 26, 1947, Serial No. 744,210
6 Claims. (Cl. 74—70)



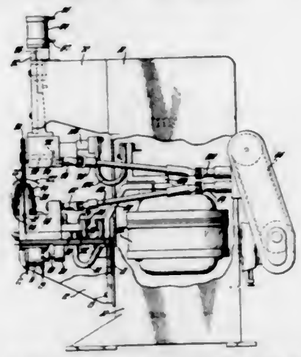
1. Apparatus for operating a windshield wiper comprising a motor, an actuator for moving a wiper blade, means for transmitting motion from the motor to the actuator including an adjustable-throw crank having a normal position for effecting movement of the actuator in a normal range and having a second position for effecting movement of the actuator outside the normal range, a manually positioned member for stopping rotary movement of the crank, and means cooperating with said member for causing the crank to move to its second position before rotary movement of the crank ceases.

2,452,497
CONTROL AND INDEXING MECHANISM FOR DOCUMENT PHOTOGRAPHING MACHINES
Friedrich J. Schutt, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application March 30, 1944, Serial No. 528,682
7 Claims. (Cl. 235—91)

1. In a document photographing machine, a support, a drum rotatable on said support, means for normally rotating said drum, a changeable indicia unit mounted on said drum to display indicia at the periphery thereof, a number advancing means mounted on said drum having a pawl operable to engage said indicia unit for advancing the indicia of said unit in successive order, a numeral advancing member pivoted on said support and movable into an operative position to be engaged by said number advancing means and cause movement of said advancing means for changing the indicia displayed by said indicia unit, said advancing means cooperating with said advancing member to move it into an inoperative position at the end of each advancing operation, means for normally holding said advancing member in inoperative position, and manual means for releasing said advancing member for engaging and operating said advancing means in the rotation of said drum relative thereto.

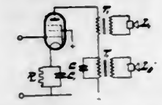


2,452,498
SEAM WELDING
Fred J. Schwartz, Walled Lake, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 7, 1947, Serial No. 778,493
6 Claims. (Cl. 219—4)



1. An apparatus for seam welding a welding strip to a pair of parts having inturned flange portions in contact with one another and having a generally V-shaped groove formed at the outer surface of the parts adjacent the inturned flanges within which a welding strip is placed which comprises, a pair of lower disc electrodes mounted for rotation on inclined axes so that the upper portions of the pair of rollers are closer to each other than are the lower portions, each of said disc electrodes tapering toward the peripheral portion thereof and being of arcuate shape in cross-sectional outline at the peripheral portion, the arcuate shaped surface adapted when in welding position to be in pressure contact with the inner junction between the flange and the main body of a flanged part, a slide carrying one of said pair of disc electrodes, an air cylinder for moving said slide and the electrode of said pair carried thereby to apply pressure to the flanged parts adjacent the inner junctions of the flanged parts with the main bodies of said flanged parts, a roller electrode above said pair of disc electrodes adapted when in welding position to apply pressure to the welding strip and to force the same into said generally V-shaped groove and toward said pair of disc electrodes, a slide carrying said roller electrode, an air cylinder for moving said slide to thereby apply pressure to the welding strip through said roller electrode, means for rotating the three electrodes to move the parts to be welded relatively to the electrodes, and means for applying welding current to the electrodes while the electrodes are rotating and the parts to be welded are under pressure.

2,452,499
AMPLIFYING CIRCUIT ARRANGEMENT
Gerrit Jan Siezen, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application October 18, 1946, Serial No. 704,122
In the Netherlands August 3, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires August 3, 1965
4 Claims. (Cl. 179—1)

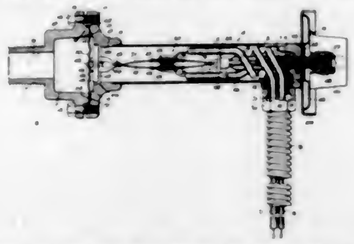


1. An amplifier circuit arrangement for operating a high frequency reproducer in conjunction with a low frequency reproducer having different electro-acoustic characteristics for reproducing a given band of frequencies, comprising an electron discharge tube having an anode, a control grid and a cathode, means to apply a signal voltage having a frequency within said band of frequencies between the control grid and cathode of said tube, a high frequency reproducer, a low frequency reproducer having different electro-acoustical characteristics than said high frequency reproducer, a first transformer having a primary winding and a secondary winding proportioned for optimum transfer of energy to said high frequency reproducer and being coupled thereto, a second transformer having a primary winding and a secondary winding proportioned for optimum transfer of energy to said low frequency reproducer and being coupled thereto, means to connect the primary windings of said transformers in series between the anode and the cathode of said tube, a capacitor shunting the primary winding of said second transformer, said series-shunt circuit having values of inductance and capacity at which the impedance of the circuit is substantially independent of frequency throughout said band of frequencies, and means interposed between the grid and cathode of said tube to apply a potential proportional to the current in said series-shunt circuit in opposition to said signal voltage thereby to produce an acoustic output substantially proportional to said signal voltage.

2,452,500
PRESSURE SWITCH
Norman J. Smith, Medfield, Mass., assignor to Fenwal Incorporated, Ashland, Mass., a corporation of Massachusetts
Application January 18, 1945, Serial No. 573,322
15 Claims. (Cl. 200—83)

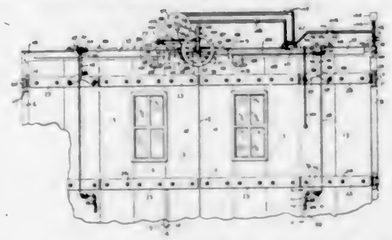
1. In an electric switch device having a switch unit comprising a pair of metallic strips oppositely bowed in one direction along their working length and held together at their corresponding ends and a tubular case longitudinally housing the

switch unit, the combination therewith of an extension at one end of the case providing a pressure chamber having a fluid inlet, a pressure diaphragm transversely partitioning the chamber and the adjacent end of the switch strip pair,



abuttive connecting means between said end of the strip pair and the diaphragm, and rigid connecting means between the other end of the strip pair and the corresponding end of the case whereby the switch unit is operatively subject to pressure conditions at the diaphragm.

2,452,501
GARAGE DOOR OPERATION
Albert J. Swanson, Oak Lawn, and John R. Gardner, Bellwood, Ill.
Application April 29, 1946, Serial No. 665,747
12 Claims. (Cl. 268—63)



5. In a device as described, a door frame, a pair of oppositely arranged swinging doors mounted in said frame, brackets carried by said doors having outwardly spaced upwardly extending arms terminating in bearing portions, a pair of oppositely extending link arms having their inner ends pivotally mounted in said bearing portions, motor-controlled oppositely movable horizontally disposed members to which the inner ends of said link arms are pivotally attached for joint movement with said link arms, said link arms being automatically adjustable in length, as said doors swing to open position, keepers carried by said bearing portions, latching members vertically movable upon said frame and having latching terminals which engage said keepers to hold the doors closed, and also formed with lateral beveled lugs, and means carried at the outer ends of said link arms exerting a wedging action against the beveled lugs of said latching members for disengaging them from said keepers.

2,452,502
SHOE CONSTRUCTION
John P. Tarbox, Philadelphia, Pa.
Application April 23, 1945, Serial No. 589,722
9 Claims. (Cl. 36—2.5)

1. A shoe comprising vamp and heel portions hinged together below the inner and upper surface of the sole for relative pivotal movement to occupy closed position about the foot and open position for removal from the foot, together with a catch means provided between the portions, said catch means including a spring tensioned



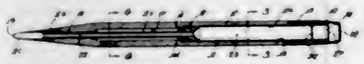
member adapted to hold the heel in closed and open positions, said spring tensioned member being displaceable from either open or closed position by a movement of the heel portion.

2,452,503
PISTON RING
Ralph R. Teetor, Hagerstown, Ind., assignor to The Perfect Circle Company, Hagerstown, Ind., a corporation of Indiana
Application June 21, 1944, Serial No. 541,334
8 Claims. (Cl. 309—45)



1. A piston ring comprising a pair of axially spaced flanges, web members extending radially inward from said flanges and having axially extending portions to integrally connect said flanges and outwardly bowed to provide a wide channel, said web members being circumferentially spaced to provide both axial and radial openings therebetween, and a coiled spring seated in and against on the outwardly bowed portions of said web members.

2,452,504
WRITING INSTRUMENT
Ivan D. Tefft, Janesville, Wis., assignor to The Parker Pen Company, Janesville, Wis., a corporation of Wisconsin
Application July 27, 1945, Serial No. 607,380
11 Claims. (Cl. 120—42.4)



1. A ball-point type of fountain pen comprising a barrel having a cartridge-receiving chamber in its rear end and a reduced axial bore in its forward end, and a point-and-cartridge unit comprising a reservoir section adapted to fit snugly in said cartridge chamber, an elongated feed section of reduced form having a feed passage therein and snugly fitted and frictionally guided in said bore, said feed section having its forward end formed to provide a ball-receiving socket, a ball-point member mounted in said socket, and means between said reservoir section and said barrel for detachably securing said unit within said barrel.

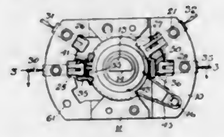
2,452,505
DEHYDROGENATING SATURATED NITRILES TO UNSATURATED NITRILES
John W. Teter, Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine
No Drawing. Application June 23, 1943, Serial No. 491,937
1 Claim. (Cl. 260—465.9)

In the catalytic dehydrogenation of nitriles for the production of unsaturated nitriles, the improvement which comprises carrying out the dehydrogenation in the presence of a catalyst comprising a mixture of a major proportion of tungsten sulfide and a minor proportion of nickel sulfide.

2,452,506
FOOD PREPARATIONS
Suzanne Mabel Lavinia Tritton, Loughton, England
No Drawing. Application September 5, 1945, Serial No. 614,605. In Great Britain October 9, 1944
2 Claims. (Cl. 99—210)

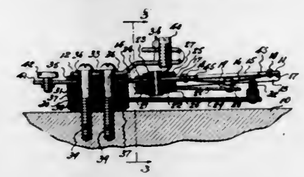
1. A process for the preparation of a dehydrated egg composition from undehydrated eggs for use in the baking and confectionery arts which comprises intimately admixing undehydrated eggs with an amount of pectin constituting from 0.5–10% based on the dehydrated weight of the eggs and dehydrating the resulting mixture to form a composition having an increased viscosity when whipped with an aqueous liquid as compared with conventional dehydrated egg compositions.

2,452,507
SNAP-ACTION FLUORESCENT LIGHT SWITCH
Meyer Turkat, Flushing, N. Y., assignor to Atlas Consolidated Corporation, New York, N. Y., a corporation of New York
Application August 1, 1947, Serial No. 765,344
4 Claims. (Cl. 200—6)



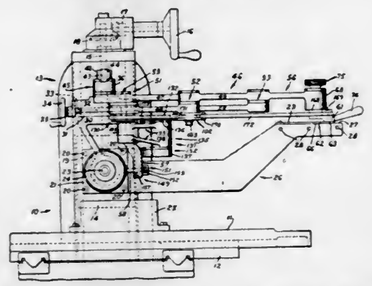
1. A snap-action switch comprising a base plate having a plurality of contact members affixed thereto, a movably mounted plate having a plurality of additional contact members affixed thereto positioned, when the movable plate is rotated, to engage the first-mentioned contact members in predetermined order, a rotatably mounted support for said movable plate, a spring member connected to said rotatably mounted support, said spring member having a raised portion at one end and a tooth-shaped portion at the opposite end, a stop member connected to the base plate positioned for engagement with said toothed portion, a tension member mounted on said base plate positioned for engagement with said raised portion, said tension member acting to urge said spring member and with it the movable plate, the plate support and the contact members on said movable plate, to move in counter-clockwise direction from a predetermined point until brought to a halt by the stop member which engages the toothed portion on said spring member, further movement in a counter-clockwise direction of said spring member being effected by manually moving it in counter-clockwise direction and causing its toothed portion to slide over the stop member on the base plate.

2,452,508
SNAP ACTION THERMAL LIMIT SWITCH
Herman Ulanet, Newark, N. J.
Application December 18, 1945, Serial No. 635,810
6 Claims. (Cl. 200—139)



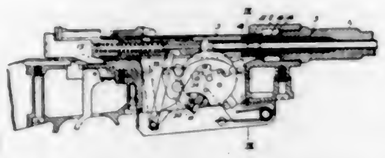
1. In a snap action thermal limit switch having a stationary contact means and a movable contact spring, and a frame plate provided with an elongated opening bridged by said contact spring, said contact spring being fixed by its opposite ends to said frame plate under compression stress operative to bow its mid-portion, an adjustable means connected with said frame plate disposed to overhang an end portion of the frame plate opening, said adjustable means being adapted to be moved to optionally position the same out of engagement with the contact spring or so as to intersect the plane of a fixed end of said contact spring and thus to engage and pre-stress the contact spring toward the stationary contact means.

2,452,509
WHEEL TRUING DEVICE
Frederick C. Victory, West Haven, and John Robert Moore, Bridgeport, Conn., assignors to Moore Special Tool Co. Inc., a corporation of Connecticut
Application September 27, 1944, Serial No. 555,952
20 Claims. (Cl. 125—11)



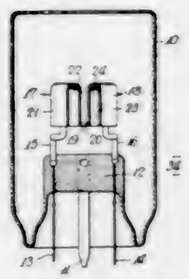
1. In a grinding machine, a wheel dressing means including a dressing tool, a stylus and a template to be traced by said stylus, a pantograph means mounting and connceting the stylus and tool whereby rectilinear movements of the stylus along the working face of said template are duplicated by the tool but on a reduced scale, and means supporting said tool independent of said pantograph means whereby the weight of said pantograph means and any pressure applied thereto is prevented from forcing the tool in the direction of the grinding wheel of the machine.

2,452,510
SUB-CALIBER ASSEMBLY FOR FIREARMS
Victor Henri Wallenberg, Stockholm, Sweden
Application May 4, 1945, Serial No. 591,948
In Sweden April 28, 1944
31 Claims. (Cl. 42—19)



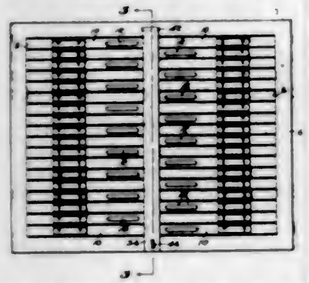
1. A sub-caliber assembly for use in a bolt-action rifle of the type including a bolt, a bolt case, a fixed barrel secured to the bolt case, and a magazine case, said assembly comprising; an insertion barrel constructed and arranged to be at least partly inserted into the bore of said fixed barrel and having a smaller caliber than said fixed barrel, a substitute bolt, a cartridge magazine, means constructed and arranged to support said magazine in said magazine case, said magazine having a plurality of cartridge chambers for cartridges, and means responsive to the movement of said substitute bolt for bringing said cartridge chambers successively into firing position relative to said insertion barrel.

2,452,511
HEAT RESPONSIVE SWITCH
Adolph Warsher, Maywood, N. J., assignor to Maxwell M. Bilofsky, Newark, N. J.
Application July 7, 1944, Serial No. 543,939
4 Claims. (Cl. 200—113.5)



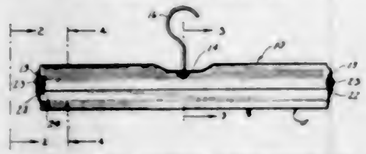
2. A glow discharge switch comprising a hermetically sealed envelope, a pair of thermally responsive electrodes therein forming a glow discharge gap therebetween, said electrodes being located so that the deflection path of one is at an angle to the deflection path of the other, each of said electrodes carrying a contact, said contacts being normally spaced but correlated for engagement to short circuit said glow discharge gap upon deflection of one of said electrodes by the heat involved in said envelope, the other of said electrodes being relatively sluggish in its thermal response whereby, after prolonged heating of said second electrode, the latter will be deflected laterally out of the path of movement of said first electrode, thereby rendering said first electrode inoperative to short circuit said gap and the latter will be maintained until the circuit to said glow discharge switch is interrupted.

2,452,512
FILING CABINET
Roy E. Wells, Jamestown, N. Y., assignor to Art Metal Construction Company, Jamestown, N. Y., a corporation of Massachusetts
Original application October 19, 1944, Serial No. 559,349. Divided and this application April 21, 1945, Serial No. 589,534
1 Claim. (Cl. 45—94)



In a filing cabinet, the combination of a housing having a front wall presenting a marginal flat face provided with a large opening and a small opening, a drawer normally housed within said housing and arranged to be projected through said large opening, a lug projecting from said flat face opposite said small opening, a drawer-locking bar normally disposed across said flat face and across said large opening, said bar being provided at one end with a slot which normally receives said lug, said bar extending through said small opening to the interior of said housing and being provided within said housing with laterally projecting lugs to contact the inner face of said wall and to provide a fulcrum about which said bar may be rocked to a position in which it will slide through said small opening into a position away from said large opening, and a channel-bar guide having at its rear end a stop to limit rearward movement of said locking bar in said guide.

2,452,513
GARMENT HANGER
George S. Wilson, Haworth, N. J.
Application October 30, 1945, Serial No. 625,660
5 Claims. (Cl. 223—96)



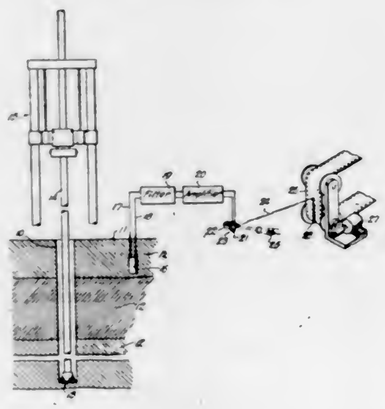
1. A hanger for trousers comprising an upper bar provided with a suspending hook and having at one side thereof an angularly offset downwardly extending portion, and a lower bar pivotally interconnected with the upper bar and having a first portion extending in underlying relationship to the lower edge of said angularly offset portion of the upper bar and a second portion opposite said first portion with respect to the pivotal connection between the two bars, whereby upon insertion of a pair of trousers between the two bars, the major portion of the trouser weight bears on said second portion of the lower bar, and said first portion of the lower bar swings upwardly to clamp the end of the trousers against said lower edge of said angularly offset portion of the upper bar when the hanger is suspended by said hook.

2,452,514
PAPER CLIP
Lech W. S. Zychlinski, Narberth, Pa.
Application April 17, 1946, Serial No. 662,723
1 Claim. (Cl. 24—261)



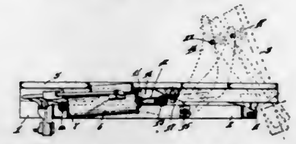
An improved paper clip of a single piece of flexible wire bent in a single plane to form inner and outer parallel U-shaped members of approximately the same length, the legs of the parallel U-shaped members lying closely adjacent one another, the outer U-shaped member having a lateral-extending projection at the bottom thereof for facilitating application of the clip, the portion of the wire forming the lower edge of said projection extending from the nadir of the base of the inner U-shaped member, and the wire from that point to a point where it begins to form the parallel leg portion at the side of the outer U-shaped member remote from said projection following the contour and lying closely adjacent the portion of the base of the inner U-shaped member opposite thereto.

2,452,515
METHOD OF MAKING GEOPHYSICAL EXPLORATIONS
Lawrence F. Athy, Ponca City, Okla., assignor to Continental Oil Company, Ponca City, Okla., a corporation of Delaware
Application December 13, 1943, Serial No. 514,061
5 Claims. (Cl. 181—0.5)



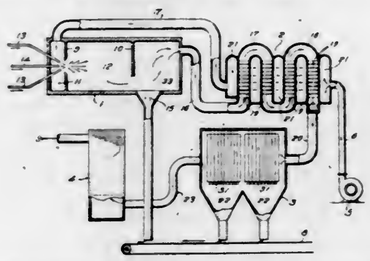
1. The method of determining the nature of subterranean strata which comprises drilling through such strata and thereby creating significantly different physical waves while traversing significantly different strata respectively, translating such physical waves into correspondingly significantly different electrical impulses, and recording such electrical impulses.

2,452,516
BODY TIPPING APPARATUS FOR MOTOR VEHICLES
Perry A. Brick, Galion, Ohio, assignor to The Perfection Steel Body Company, Galion, Ohio, a corporation of Ohio
Application April 4, 1945, Serial No. 586,580
5 Claims. (Cl. 298—22)



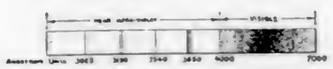
5. In a vehicle, including a frame having a tiltable body pivotally mounted thereon for swinging the body to a load dumping angle, a pair of relatively spaced companion levers pivotally mounted upon said frame beneath the body for a bearing engagement therewith and directioned for coordinately moving the body, a hydraulic ram disposed between said levers, pivotally mounted on said frame with its movable plunger pivotally connected to said levers for unitary action, a roller, respectively for each of said levers carried by the body providing a translatable tread bearing connection with the lever for moving the body therewith to a tilting position and a coupling element in pivoted link connection with the body, axially of said roller, and in translatable engagement with the lever to anchor the body to the lever in its tilted position.

2,452,517
WASTE IRON SULFATE SOLUTION RECOVERY
Harold E. Broughton, New York, N. Y., assignor to Chemical Construction Corporation, New York, N. Y., a corporation of Delaware
Application April 27, 1946, Serial No. 665,352
4 Claims. (Cl. 23—178)



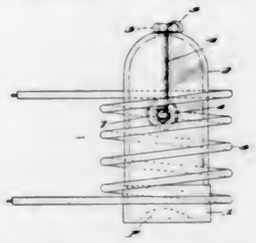
4. A process for the production of an SO_2 containing gas suitable for the manufacture of sulfuric acid by the contact process which comprises burning a finely divided stream of waste sulfuric acid containing hydrocarbonaceous impurities, introducing into said burning material as a finely divided spray a waste solution of iron sulfate, thermally decomposing said waste acid and said iron sulfate at temperatures above 2000° F., allowing a major part of the iron oxide formed by said decomposition to settle out of the gases resulting from said combustion and said thermal decomposition, cooling and removing a major part of the heat in said gases, then removing substantially all of said iron oxide dust from said gases, scrubbing and further cooling said gases with a weak solution of sulfuric acid and recovering a gas containing a minimum of 10% SO_2.

2,452,518
NONACTINIC FLUORESCENT LAMP
Laurence Burns, Swampscott, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts
Application December 18, 1944, Serial No. 568,737
2 Claims. (Cl. 176—122)



1. A fluorescent coating for excitation by a mercury discharge producing 2537 Angstrom units radiation, comprising a combination of the following phosphors in physical contact: calcium silicate, activated conjointly with manganese and lead and emitting visible radiation and also ultraviolet in response to mercury excitation, and one of the phosphors in the following group responding to the ultraviolet emitted by said calcium silicate: uranium-activated calcium fluoride and zinc vanadate.

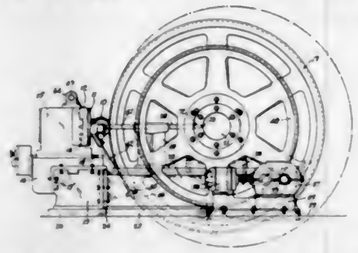
2,452,519
METHOD OF PREPARING METAL FOR METAL-TO-GLASS SEALS
Charles Daley, West Newton, Mass., assignor to Radio Corporation of America, a corporation of Delaware
Application September 28, 1944, Serial No. 556,219
5 Claims. (Cl. 117—106)



1. A process of preparing a copper article for glass seal therewith comprising heating said article to at least a dull red heat and a powder containing equal parts of barium carbonate, boric acid and borax, and continuing the heating sufficiently to vaporize the powder, and forming a coating thereof on the article by applying the vapor to the article in heated condition.

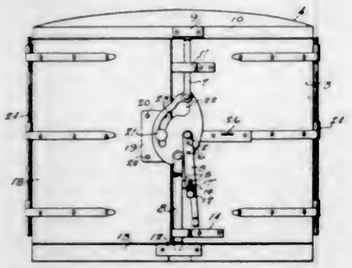
2,452,520
GEAR SHAVING MACHINE
Louis W. Falk, Milwaukee, and Walter P. Schmitter and George P. Maurer, Wauwatosa, Wis., assignors to The Falk Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application July 15, 1944, Serial No. 545,108
4 Claims. (Cl. 90—1.6)

1. In a gear shaving machine the combination of a gear-shaped shaving cutter, a pair of laterally spaced horizontal rails, means for receiving and journalling the shaft of a work gear to support the latter in meshing relation with said cutter, said means being adjustable lengthwise of said rails to accommodate work gears of different sizes, thrust sustaining means including a shaft detachably engageable with the shaft of the work gear to axially position the latter, a carrier for said cutter movable in a direction to cause said cutter to traverse the face of said work gear, and a support for said carrier movable to



develop a shaving pressure between said cutter and work gear.

2,452,521
LOCKING DEVICE FOR TRUCK AND TRAILER DOORS
William A. Johnson, Smithfield, and Elmer E. Moore, Fort Worth, Tex.; said Johnson assignor to said Moore
Application May 27, 1944, Serial No. 537,636
3 Claims. (Cl. 292—7)



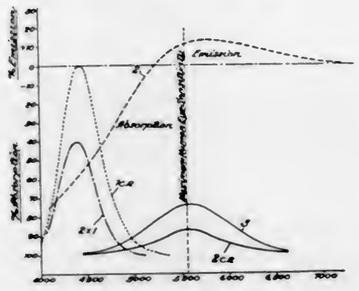
1. In a locking device of the character described comprising, in combination, an eccentrically pivoted locking plate adapted for use in cooperation with a keeper member, an arcuate slot formed in said plate and having a circular portion of greater dimension than said slot formed in one end thereof, the said keeper member having a head embraceable by said circular portion of said slot whereby, the said plate when rotated, provides a locking association with said keeper member.

2,452,522
LUMINESCENT SCREEN AND METHOD OF DEVELOPING LIGHT
Humboldt W. Leverenz, South Orange, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 18, 1941, Serial No. 383,893
22 Claims. (Cl. 250—164)



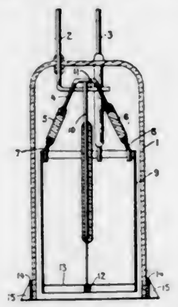
1. A luminescent screen for developing useful phosphorescent light comprising a plurality of inorganic phosphor layers, one of said layers being adapted to be subjected to exciting energy, said layers being arranged in order of their decreasing frequency excitation spectra, the said one layer developing ultra violet light of a higher frequency than the light of the next adjacent layer, the layer most remote from said one layer developing the preponderant portion of useful light and absorbing substantially all of the higher frequency light incident thereon from a preceding layer.

2,452,523
LUMINESCENT SCREEN
Humboldt W. Leverenz, South Orange, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 31, 1941, Serial No. 417,269
4 Claims. (Cl. 250—80)



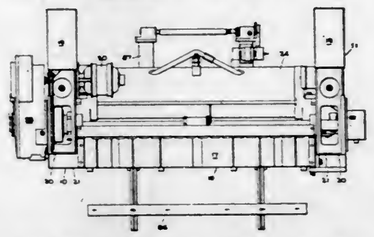
1. A luminescent screen comprising two phosphor layers, the material of one layer having an emission spectrum in the violet portion of the spectrum and being of relatively large average particle size to render said layer highly light transmitting, the other phosphor layer being of material having an absorption spectrum corresponding to the emission spectra of said one layer, an emission spectra of longer wavelength than that of said one layer and of an average particle size smaller than that of the said one layer.

2,452,524
PROTECTIVE GRID FOR GEIGER-MUELLER TUBES
Herbert Metten, Boston, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts
Application January 2, 1948, Serial No. 93
4 Claims. (Cl. 250—27.5)



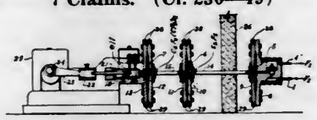
2. A beta ray counter tube comprising an envelope open at one end, a thin metal window sealing said end, a cathode extending toward but spaced from said window, an anode extending toward but spaced from said window, and a grid near said anode in the vicinity of said window and electrically connected to said cathode.

2,452,525
SHEAR
Frederick E. Munschauer, Buffalo, and Joseph P. Wadleck, Kenmore, N. Y., assignors to Niagara Machine & Tool Works, Buffalo, N. Y.
Application May 3, 1945, Serial No. 591,698
15 Claims. (Cl. 164—51)



13. In a machine for shearing metal sheets and the like, a pair of end frame means and a bed extending therebetween including a work table and a stationary shear knife fixed to the rear of said work table, each of said end frame means comprising spaced inner and outer side walls, each of said side walls being formed with a work-receiving gap extending rearwardly of said bed, shaft means extending across the machine above said gaps and having spaced bearing in the inner and outer side walls of each end frame, a reciprocable upper shear knife guided vertically by said end frames above said gaps and a holddown guided for vertical reciprocation toward and away from said work table, drive means fixed to said shaft means in each end frame between said inner and outer bearings and engageable with the upper shear knife for reciprocating the same, and other drive means fixed to said shaft means in each end frame between said inner and outer bearings and engageable with the holddown for reciprocating the same, a driving motor secured exteriorly against the inner side wall of one of said frame means rearwardly of said shaft means with its drive shaft extending into said frame means, a transmission casing disposed exteriorly of the outer side wall of said frame means and having a pinion therein coaxial with and having driving connection with said motor drive shaft, gear means in said transmission casing coaxial with said shaft means and having driving connection with said pinion, and clutch means between said gear means and said shaft means for selectively connecting them for reciprocation of said crosshead and said holddown.

2,452,526
APPARATUS FOR COMPRESSING HIGHLY REACTIVE GASES
Sidney G. Osborne, Niagara Falls, N. Y., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y., a corporation of New York
Application February 14, 1946, Serial No. 647,461
7 Claims. (Cl. 230—49)



1. An apparatus for compressing anhydrous gaseous fluorine, comprising a compression chamber; an induction conduit for fluorine communicating therewith; a valve in said conduit adapted to permit inflow to said compression chamber and prevent outflow therefrom; an exit conduit communicating with said compression chamber; a

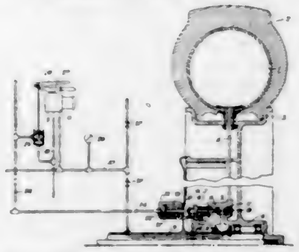
valve in said exit conduit adapted to permit outflow from said compression chamber and prevent inflow thereto; a diaphragm constituting a wall of said compression chamber, capable of elastic displacement of a volumetric magnitude approximating the volume of said compression chamber; a closed chamber, of which said diaphragm constitutes one wall; a second diaphragm, likewise constituting a wall of said closed chamber, capable of elastic displacement of a volumetric magnitude at least equal to that of said first mentioned diaphragm; and mechanical means for causing reciprocal displacement of said second diaphragm; said closed chamber being substantially completely filled with a liquid fluorination product inert with respect to fluorine.

2,452,527

APPARATUS FOR EFFECTING AND CONTROLLING THE INFLATION OF PNEUMATIC TIRES FOR VEHICLE WHEELS

Leslie Hurst Peter, London, England, assignor, by mesne assignments, to Westinghouse Air Brake Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application January 5, 1945, Serial No. 571,514
In Great Britain January 10, 1944
8 Claims. (Cl. 152—417)



1. The combination with a vehicle wheel having a pneumatic tyre, of valve means mounted on said wheel for controlling the pressure of fluid in said tyre, said valve means comprising a casing having one chamber in constant open communication with said tyre, another chamber in which the pressure of fluid may be varied, and a valve member mounted in said casing for controlling communication between said chambers, said valve member having a normal position in which communication between said chambers is closed and being operable to another position in which communication between said chambers is open, means for operating said valve means comprising a ring member mounted on said wheel being rotatable with said wheel and being shiftable relative to the wheel for effecting the movement of said valve member, and means mounted on a non-rotatable part of the vehicle operative to effect the operation of said ring member.

2,452,528

TRUCK REFLECTOR

Charles D. Ryder, Covington, Ky., assignor to The Grote Manufacturing Company, Bellevue, Ky., a corporation of Kentucky

Application August 20, 1945, Serial No. 611,457
2 Claims. (Cl. 248—176)

1. A road signal of the nature disclosed, comprising: a pair of duplicate sheet metal panels, each having a flange extending laterally from a face side providing a rim for the opposite side and top ends of the panel, and brackets of U-shape respectively fixed to the flange at the top end of a panel with the limbs of the brackets pivotally connected in adjoining pairs hingedly joining the panels at their top ends to swing the same to a juxta-position with their rim flanges in edge-wise registry providing an enclosure for light reflecting fixtures mounted upon the inner



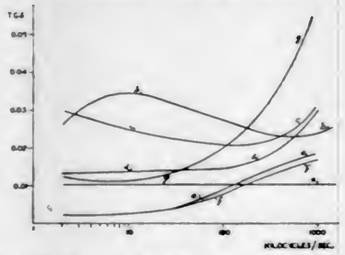
face sides of the panels and alternately to erect the panels in a relatively diverging position to station the same upright as a unit upon a surface and expose the light reflecting fixtures respectively from opposite sides of the unit.

2,452,529

MAGNET CORE

Jacob Louis Snoek, Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., trustee

Application September 17, 1945, Serial No. 616,928
In the Netherlands October 24, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires October 24, 1961
25 Claims. (Cl. 252—62.5)



1. A soft ferromagnetic core material having low magnetic losses in a range of frequencies between 10 kc./sec. and 1000 kc./sec. and which is particularly suited for cores in inductance coils and the like employed in radio circuits operating in the said range of frequencies, consisting essentially of a homogeneous mixed crystal ferrite constituted by a plurality of ferrites, said mixed crystal ferrite having a specific resistance greater than about 1000 ohm-cm. and having an oxygen content at which the coefficient of losses $tg\ \delta$ thereof in the range of frequencies between about 10 kc./sec. and about 1000 kc./sec. is less than about 0.06.

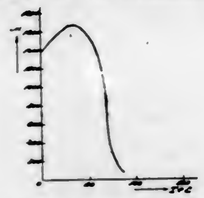
2,452,530

MAGNETIC CORE

Jacob Louis Snoek, Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee

Application September 19, 1945, Serial No. 617,392
In the Netherlands May 15, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 15, 1963
19 Claims. (Cl. 252—62.5)

1. A soft ferromagnetic core material having a high magnetic permeability and low magnetic losses consisting essentially of a cubic homogeneous mixed crystal ferrite constituted by a plu-



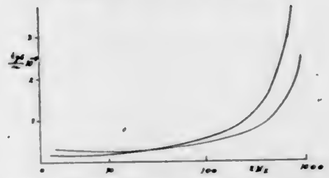
rality of ferrites, said mixed crystal ferrite having a Curie point between about 40° and 250° C. and having an initial permeability of about 600.

2,452,531

PROCESS OF MANUFACTURING A MAGNETIC MATERIAL AND MAGNETIC CORE

Jacob Louis Snoek, Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee

Application September 19, 1945, Serial No. 617,393
In the Netherlands May 31, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 31, 1963
19 Claims. (Cl. 252—62.5)



1. A soft ferromagnetic core material having low magnetic losses in a frequency range between 10 kc./sec. and 100 kc./sec. and increasing magnetic losses above 100 kc./sec. and which is particularly suited for cores, inductance coils and the like employed in telephony and telegraphy circuits operating within said range of frequencies, consisting essentially of a cubic homogeneous mixed crystal ferrite constituted by a plurality of ferrites, said mixed crystal ferrite having a specific resistivity greater than about 1000 ohm-cm. and having an oxygen content at which the coefficient of losses $tg\delta$ thereof is less than about 0.06 in the range of frequencies between about 10 kc./sec. and 100 kc./sec. and greater than 0.06 at a frequency between about 100 kc./sec. and about 1000 kc./sec.

2,452,532

HIGH DIELECTRIC MATERIAL

Eugene Wainer, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application November 2, 1943, Serial No. 508,744
8 Claims. (Cl. 106—39)

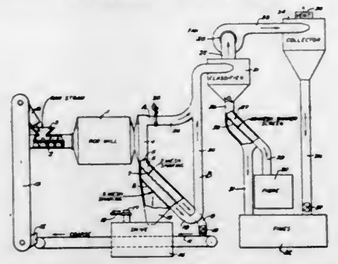
1. A dielectric composition comprising an alkaline earth titanate, an alkaline earth stannate and and an alkaline earth zirconate.

2,452,533

PREPARATION OF PAPER-MAKING FIBER AND OTHER USEFUL MATERIALS FROM STRAW

Sidney D. Wells, Combined Locks, Wis., assignor to The Institute of Paper Chemistry, Appleton, Wis., a corporation of Wisconsin

Application June 30, 1944, Serial No. 542,987
5 Claims. (Cl. 19—5)

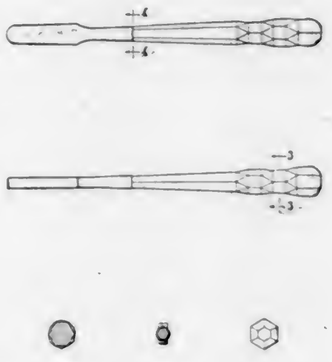


1. The improved method of obtaining a selected useful fiber from a flax straw which comprises the steps of fracturing the bond between the straw fiber and shive so as to produce a mixture of relatively large particles of shive, relatively smaller and lighter particles of shive, the selected fiber in various lengths, and dust, separating the large particles of shive from the selected fiber and the other constituents of the said mixture by passing the mixture over a screen while subjecting the mixture to a counter current of air of such intensity that the large particles of shive are able to pass through the screen by gravity, whereas the fine particles of fiber, the fine shive particles, and the dust are restrained from passing through the screen, and subsequently separating the selected fiber from the material which is restrained from passing through said screen by a process which includes a second screening operation.

DESIGNS

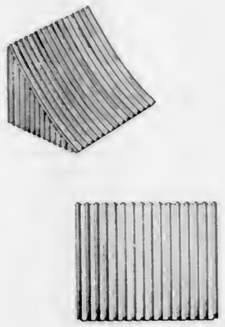
OCTOBER 26, 1948

151,483
DESIGN FOR A TOOTHBRUSH HANDLE
William F. Alderson, Toledo, Ohio, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 10, 1947, Serial No. 139,569
Term of patent 3½ years
(Cl. D9—2)



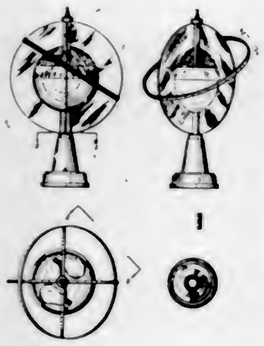
The ornamental design for a toothbrush handle, substantially as shown.

151,484
DESIGN FOR AN AWNING OR THE LIKE
Willis C. Allison, Wichita Falls, Tex.
Application December 5, 1946, Serial No. 135,274
Term of patent 14 years
(Cl. D21—6)



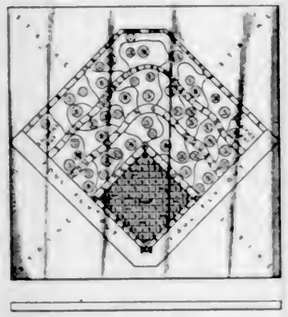
The ornamental design for an awning or the like, substantially as shown.

151,485
DESIGN FOR A LAMP
Max Aronek, Altadena, Calif.
Application May 26, 1947, Serial No. 139,276
Term of patent 7 years
(Cl. D48—20)



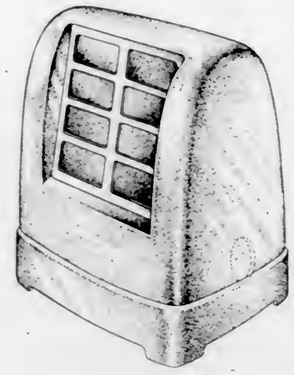
The ornamental design for a lamp, as shown.

151,486
DESIGN FOR A GAME BOARD
William G. Batchelder, Omaha, Nebr.
Application February 24, 1947, Serial No. 137,111
Term of patent 14 years
(Cl. D34—5)



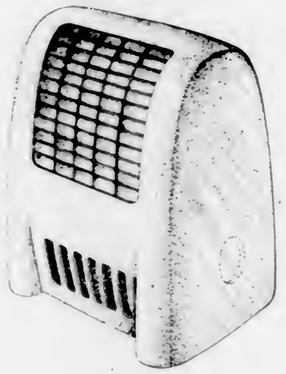
The ornamental design for a game board, as shown.

151,487
DESIGN FOR A SPACE HEATER CASING
Carl G. Bjorncrantz, Evanston, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application October 24, 1947, Serial No. 142,126
Term of patent 7 years
(Cl. D81—10)



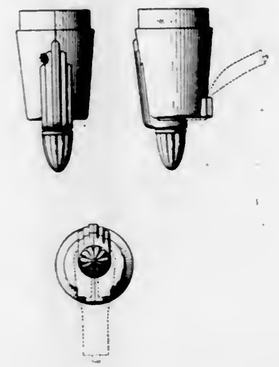
The ornamental design for a space heater casing, substantially as shown and described.

151,488
DESIGN FOR A SPACE HEATER CASING
Carl G. Bjorncrantz, Evanston, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application October 24, 1947, Serial No. 142,127
Term of patent 7 years
(Cl. D81—10)



The ornamental design for a space heater casing, substantially as shown and described.

151,489
DESIGN FOR A COMBINED BRACKET LAMP SOCKET AND CONTROL SWITCH
Charles Forest Bookman, Jr., University Heights, and Zia H. Jammé, Cleveland, Ohio, assignors to Railley Corporation, Cleveland, Ohio, a corporation of Ohio
Application May 3, 1946, Serial No. 129,267
Term of patent 14 years
(Cl. D48—4)



The ornamental design for a combined bracket lamp socket and control switch, substantially as shown and described.

151,490
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application December 26, 1947, Serial No. 143,364
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,491
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application December 26, 1947, Serial No. 143,365
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,492
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application December 26, 1947, Serial No. 143,366
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,493
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application December 26, 1947, Serial No. 143,368
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,494
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application December 26, 1947, Serial No. 143,369
Term of patent 3½ years
(Cl. D45—19)



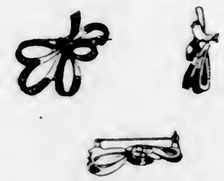
The ornamental design for a brooch or similar article, as shown.

151,495
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,472
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,496
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,475
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,497
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,476
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,498
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,477
Term of patent 3½ years
(Cl. D45—19)



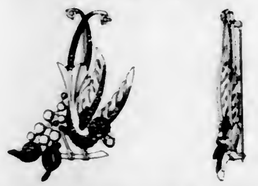
The ornamental design for a brooch or similar article, as shown.

151,499
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,479
Term of patent 3½ years
(Cl. D45—16)



The ornamental design for a necklace or similar article, as shown.

151,500
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,480
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,501
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,481
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,502
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,482
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,503
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,484
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,504
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,485
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

151,505
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Marcel Boucher, New York, N. Y.
Application February 14, 1948, Serial No. 144,486
Term of patent 3½ years
(Cl. D45—19)



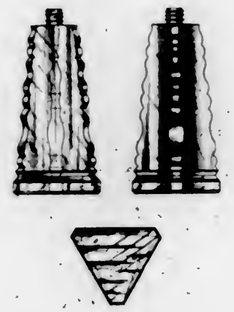
The ornamental design for a brooch or similar article, as shown.

151,506
DESIGN FOR A SUIT
Sidney Cohen, New York, N. Y., assignor to Morris W. Haft & Bros., Inc., New York, N. Y.
Application October 30, 1947, Serial No. 142,214
Term of patent 3½ years
(Cl. D3—4)



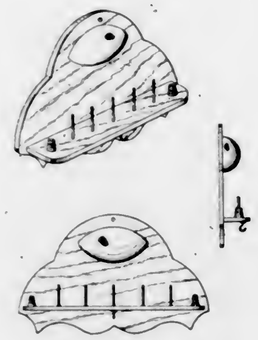
The ornamental design for a suit, substantially as shown and described.

151,507
DESIGN FOR A BOTTLE
Laurence J. Colwell, New York, N. Y., assignor to Charles of The Ritz, Inc., New York, N. Y., a corporation of Delaware
Application March 18, 1947, Serial No. 137,692
Term of patent 14 years
(Cl. D58—6)



The ornamental design for a bottle, substantially as shown.

151,508
DESIGN FOR A SEWING RACK
James V. Dente, Staten Island, N. Y.
Application January 17, 1947, Serial No. 136,203
Term of patent 7 years
(Cl. D3—19)



The ornamental design for a sewing rack, as shown.

151,509
DESIGN FOR AN EXPANSIBLE LINK CHAIN FOR A BRACELET OR SIMILAR ARTICLE
Emil E. Fachon, Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y., a corporation of New York
Application August 14, 1947, Serial No. 140,855
Term of patent 7 years
(Cl. D45—4)



The ornamental design for an expansible link chain for a bracelet or similar article, as shown.

151,510
DESIGN FOR AN EXPANSIBLE LINK CHAIN FOR A BRACELET OR SIMILAR ARTICLE
Emil E. Fachon, Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y., a corporation of New York
Application May 26, 1948, Serial No. 146,605
Term of patent 7 years
(Cl. D45—4)



The ornamental design for an expansible link chain for a bracelet or similar article, as shown and described.

151,511
DESIGN FOR A CREAM PITCHER OR SIMILAR ARTICLE
Nettie E. Graven, Wooster, Ohio
Application November 12, 1947, Serial No. 142,470
Term of patent 14 years
(Cl. D44—21)



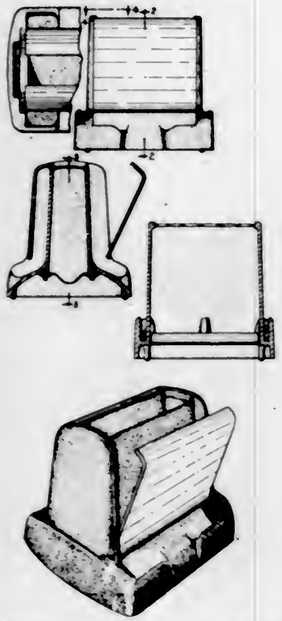
The ornamental design for a cream pitcher or similar article, substantially as shown and described.

151,512
DESIGN FOR A BEAD COLLAR OR SIMILAR ARTICLE
Jean Harber, Weehawken, N. J., now by change of name Jean Harber Goldstein
Application April 2, 1945, Serial No. 118,818
Term of patent 7 years
(Cl. D45—16)



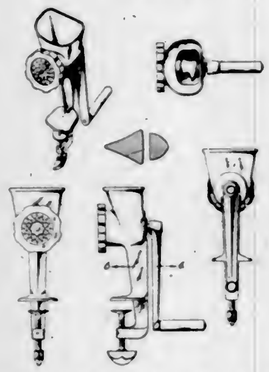
The ornamental design for a bead collar or similar article, as shown and described.

151,513
DESIGN FOR A COMBINED CIGAR, CIGARETTE, AND MATCH HOLDER
Fred J. Hayman, Forest Hills, N. Y.
Application October 28, 1946, Serial No. 134,342
Term of patent 3½ years
(Cl. D85—2)



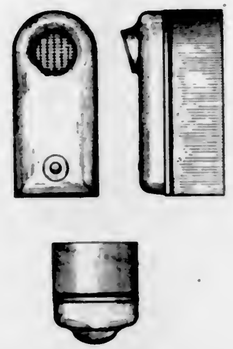
The ornamental design for a combined cigar, cigarette, and match holder, substantially as shown.

151,514
DESIGN FOR A FOOD CHOPPER
Frederick P. Hess and Herbert A. Wormeck, Philadelphia, Pa., assignors to The Enterprise Manufacturing Co., Philadelphia, Pa., a corporation of Pennsylvania
Application January 7, 1948, Serial No. 143,584
Term of patent 14 years
(Cl. D89—1)



The ornamental design for a food chopper, substantially as shown.

151,515
DESIGN FOR AN ELECTRIC DRIER CASING
Elmer S. Hewitt, Wilmette, Ill., assignor to Electric-Aire Engineering Corporation, Chicago, Ill., a corporation of Illinois
Application January 14, 1948, Serial No. 143,744
Term of patent 7 years
(Cl. D4—3)



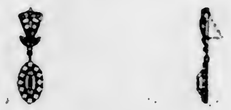
The ornamental design for an electric drier casing, as shown.

151,516
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 19, 1948, Serial No. 145,227
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,517
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application June 25, 1948, Serial No. 147,200
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,518
DESIGN FOR AN APRON
Marie J. Kraft, Three Oaks, Mich., assignor to The Warren Featherbone Co., Three Oaks, Mich., a corporation of Michigan
Application September 24, 1947, Serial No. 141,557
Term of patent 14 years
(Cl. D3—26)



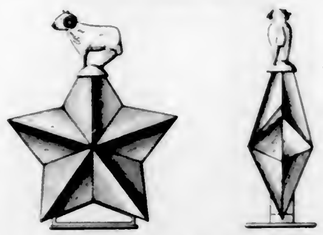
The ornamental design for an apron, substantially as shown.

151,519
DESIGN FOR A SHOE SOLE
Harry Laybolt, Brockton, Mass.
Application July 22, 1948, Serial No. 147,721
Term of patent 14 years
(Cl. D7—5)



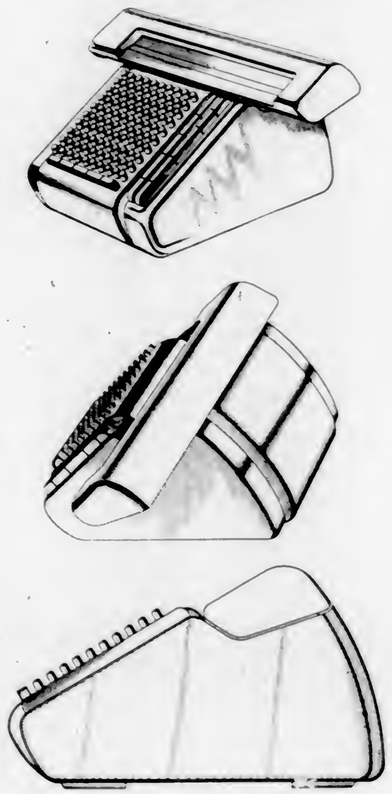
The ornamental design for a shoe sole, as shown and described.

151,520
DESIGN FOR A PERFUME BOTTLE
Jerusha K. Liello, New York, N. Y.
Application September 27, 1946, Serial No. 133,606
Term of patent 7 years
(Cl. D58—6)



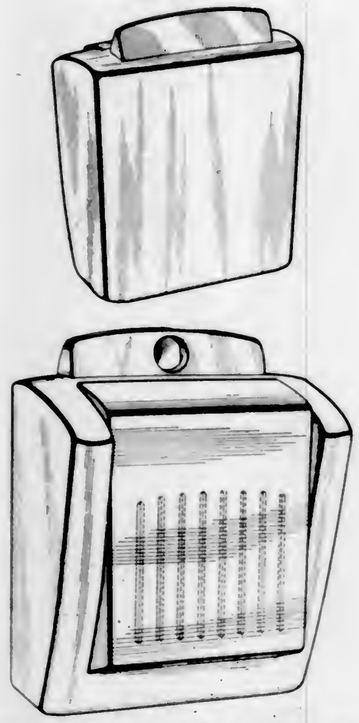
The ornamental design for a perfume bottle, as shown.

151,521
DESIGN FOR A CALCULATING MACHINE
Anthony B. Machado, San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc., a corporation of California
Application June 3, 1946, Serial No. 130,364
Term of patent 14 years
(Cl. D64—11)



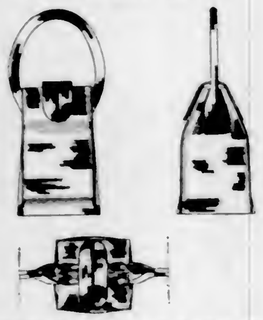
The ornamental design for a calculating machine, as shown.

151,522
DESIGN FOR A REMOTE CONTROLLER CASING
Lockwood Martling, Jr., Chicago, Ill., assignor to Lloyd J. Andres, Itasca, Ill.
Application May 24, 1947, Serial No. 139,267
Term of patent 7 years
(Cl. D26—5)



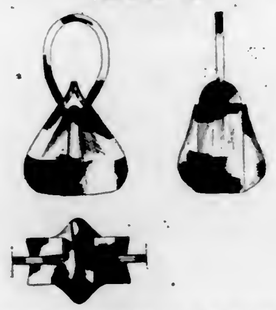
The ornamental design for a remote controller casing, substantially as shown and described.

151,523
DESIGN FOR A HANDBAG
Leon E. Meadow, New York, N. Y.
Application March 25, 1948, Serial No. 145,333
Term of patent 3½ years
(Cl. D87—3)



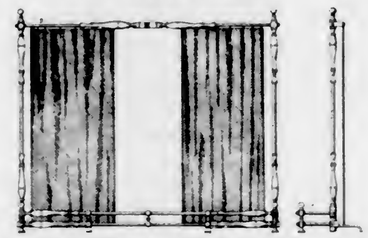
The ornamental design for a handbag, substantially as shown, and described.

151,524
DESIGN FOR A HANDBAG
Leon E. Meadow, New York, N. Y.
Application April 2, 1948, Serial No. 145,491
Term of patent 3½ years
(Cl. D87—3)



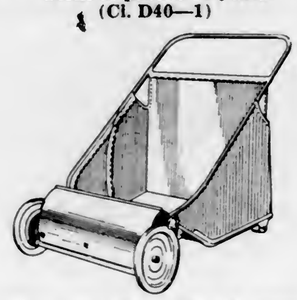
The ornamental design for a handbag, substantially as shown and described.

151,525
DESIGN FOR A COMBINED FIREPLACE SCREEN AND FENDER
Harold C. Packard, Portland, Oreg.
Application February 1, 1947, Serial No. 136,608
Term of patent 3½ years
(Cl. D81—5)



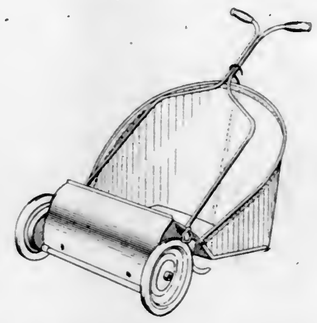
The ornamental design for a combined fireplace screen and fender, as shown.

151,526
DESIGN FOR A LAWN SWEEPER
Edwin D. Parker, Springfield, Ohio, assignor to The Parker Pattern and Foundry Company, Springfield, Ohio, a corporation of Ohio
Application January 8, 1947, Serial No. 135,994
Term of patent 14 years
(Cl. D40—1)



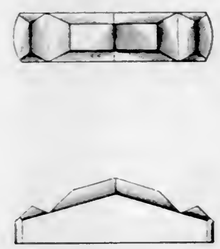
The ornamental design for a lawn sweeper, as shown.

151,527
DESIGN FOR A LAWN SWEEPER
Edwin D. Parker, Springfield, Ohio, assignor to The Parker Pattern and Foundry Company, Springfield, Ohio, a corporation of Ohio
Application January 8, 1947, Serial No. 135,995
Term of patent 14 years
(Cl. D40—1)



The ornamental design for a lawn sweeper, as shown.

151,528
DESIGN FOR A JEWELRY COMPONENT
Benjamin Patek, Bronx, N. Y.
Application May 22, 1948, Serial No. 146,542
Term of patent 3½ years
(Cl. D45—1)



The ornamental design for a jewelry component, as shown.

151,529
DESIGN FOR A COMBINED BROOCH AND WATCH
Oreste Pennino, New York, N. Y.
Application February 12, 1948, Serial No. 144,447
Term of patent 3½ years
(Cl. D45—19)



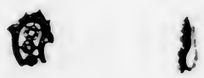
The ornamental design for a combined brooch and watch, substantially as shown.

151,530
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application April 5, 1948, Serial No. 145,547
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,531
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,181
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,532
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,182
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,533
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,183
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,534
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,184
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,535
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,185
Term of patent 7 years
(Cl. D45—16)



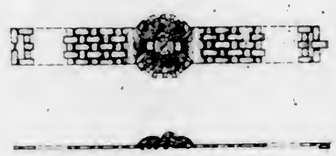
The ornamental design for a necklace or similar article, substantially as shown and described.

151,536
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,186
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

151,537
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,187
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

151,538
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 5, 1948, Serial No. 146,189
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,539
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 8, 1948, Serial No. 146,241
Term of patent 7 years
(Cl. D45—9)



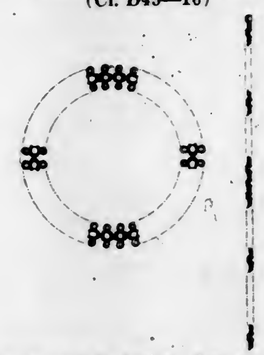
The ornamental design for an earring or similar article, substantially as shown.

151,540
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 8, 1948, Serial No. 146,242
Term of patent 7 years
(Cl. D45—16)



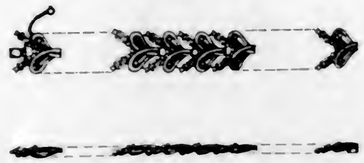
The ornamental design for a necklace or similar article, substantially as shown and described.

151,541
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 8, 1948, Serial No. 146,243
Term of patent 7 years
(Cl. D45—16)



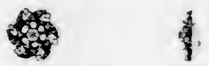
The ornamental design for a necklace or similar article, substantially as shown and described.

151,542
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 8, 1948, Serial No. 146,244
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

151,543
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 25, 1948, Serial No. 146,575
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,544
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 25, 1948, Serial No. 146,576
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,545
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 25, 1948, Serial No. 146,577
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,546
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application May 28, 1948, Serial No. 146,671
Term of patent 7 years
(Cl. D45—4)



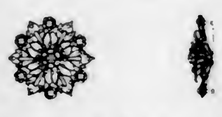
The ornamental design for a bracelet or similar article, substantially as shown.

151,547
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 19, 1948, Serial No. 147,075
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

151,548
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 19, 1948, Serial No. 147,076
Term of patent 7 years
(Cl. D45—19)



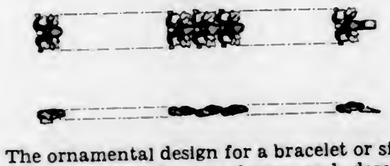
The ornamental design for a brooch or similar article, substantially as shown.

151,549
DESIGN FOR A PIN CLIP OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 19, 1948, Serial No. 147,077
Term of patent 7 years
(Cl. D45—19)



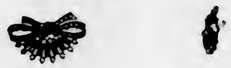
The ornamental design for a pin clip or similar article, substantially as shown.

151,550
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 29, 1948, Serial No. 147,262
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown and described.

151,551
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 29, 1948, Serial No. 147,263
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,552
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 29, 1948, Serial No. 147,264
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

151,553
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 29, 1948, Serial No. 147,266
Term of patent 7 years
(Cl. D45—19)



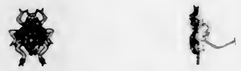
The ornamental design for a brooch or similar article, substantially as shown.

151,554
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application June 29, 1948, Serial No. 147,267
Term of patent 7 years
(Cl. D45—19)



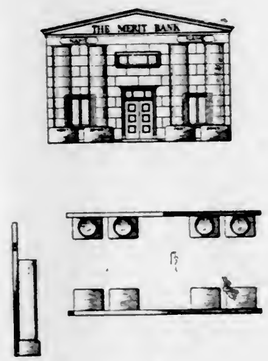
The ornamental design for a brooch or similar article, substantially as shown.

151,555
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application August 2, 1948, Serial No. 147,878
Term of patent 7 years
(Cl. D45—19)



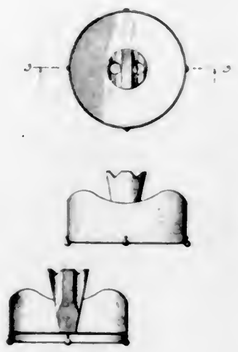
The ornamental design for a brooch or similar article, substantially as shown.

151,556
DESIGN FOR A SAVINGS BANK
Andrew Quackenbush, Clifton, N. J.
Application January 10, 1947, Serial No. 136,030
Term of patent 3½ years
(Cl. D34—11)



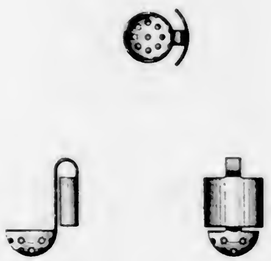
The ornamental design for a savings bank, as shown.

151,557
DESIGN FOR AN ASH TRAY
Russell W. Raine and George T. Derby, Jacksonville, Fla.
Application September 27, 1946, Serial No. 133,608
Term of patent 7 years
(Cl. D85—2)



The ornamental design for an ash tray, substantially as shown.

151,558
DESIGN FOR A SMOKING PIPE ATTACHMENT
Lewis W. Russi, Denver, Colo.
Application September 20, 1946, Serial No. 133,442
Term of patent 3½ years
(Cl. D85—8)



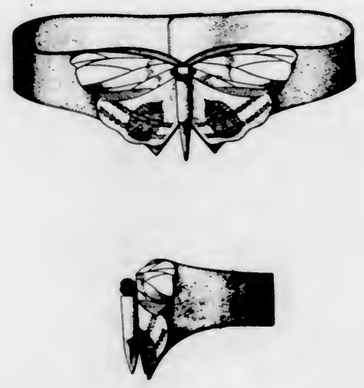
The ornamental design for a smoking pipe attachment, as shown.

151,559
DESIGN FOR A BUILDING
Herbert W. Sachs, Washington, D. C.
Application November 27, 1946, Serial No. 135,128
Term of patent 3½ years
(Cl. D13—1.2)



The ornamental design for a building, as shown.

151,560
DESIGN FOR A BELT
Dorris M. Scott and Evelyn Steinberg, Los Angeles, Calif., assignors to Anita-Gay Creations, Inc., Los Angeles, Calif., a corporation of California
Application February 26, 1947, Serial No. 137,174
Term of patent 14 years
(Cl. D3—10)



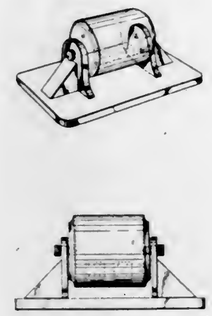
The ornamental design for a belt, as shown.

151,561
DESIGN FOR A LAMP
Andrew Sommerville, Pasadena, Calif.
Application February 8, 1947, Serial No. 136,792
Term of patent 14 years
(Cl. D48—20)



The ornamental design for a lamp, as shown.

151,562
DESIGN FOR A DICE GAME DEVICE
Ernest E. Southwell, Vallejo, Calif., assignor of one-half to Carl Klotz, Santa Rosa, Calif.
Application February 16, 1946, Serial No. 126,622
Term of patent 14 years
(Cl. D34—5)



The ornamental design for a dice game device, substantially as shown.

151,563
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,753
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,564
DESIGN FOR A DRESS ENSEMBLE
John F. Strassner, New York, N. Y.
Application January 15, 1948, Serial No. 143,757
Term of patent 3½ years
(Cl. D3—26)



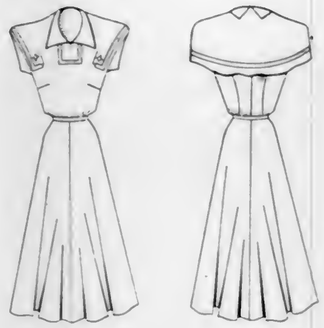
The ornamental design for a dress ensemble, substantially as shown.

151,565
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,348
Term of patent 3½ years
(Cl. D3—26)



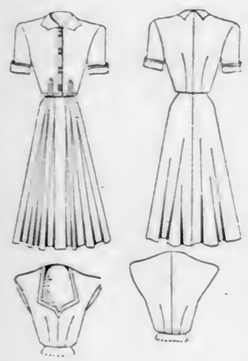
The ornamental design for a dress, substantially as shown.

151,566
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,356
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,567
DESIGN FOR A DRESS ENSEMBLE
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,359
Term of patent 3½ years
(Cl. D3—26)



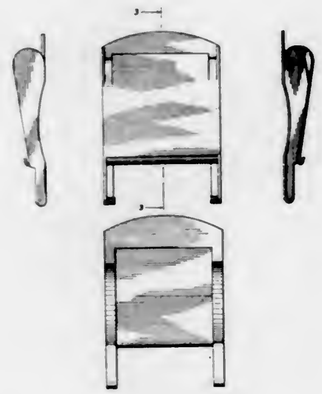
The ornamental design for a dress ensemble, substantially as shown.

151,568
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application March 26, 1948, Serial No. 145,362
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

151,569
DESIGN FOR A MATCH BOOK HOLDER
John H. Sutton, Los Angeles, Calif.
Application January 3, 1947, Serial No. 135,916
Term of patent 14 years
(Cl. D48—29)



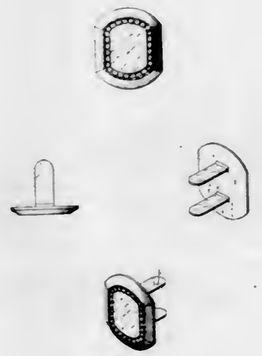
The ornamental design for a match book holder, substantially as shown.

151,570
DESIGN FOR A PALATE PLATE BRUSH
Robert Frederick Taylor, Hounslow, England, assignor to G. B. Kent & Sons, Limited, London, England
Application July 18, 1947, Serial No. 140,375
In Great Britain March 11, 1946
Section 1, Public Law 690, August 8, 1946
Term of patent 14 years
(Cl. D9—2)



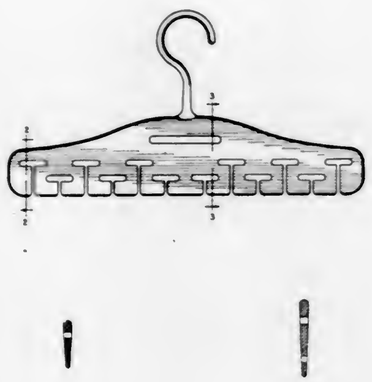
The ornamental design for a palate plate brush, substantially as shown.

151,571
DESIGN FOR A DUMMY PLUG FOR ELECTRIC OUTLETS
George H. Tillinghast, Burlington, N. J.
Application July 31, 1946, Serial No. 132,149
Term of patent 14 years
(Cl. D26—1)



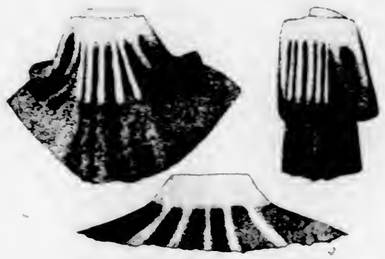
The ornamental design for a dummy plug for electric outlets, as shown.

151,572
DESIGN FOR A TIE RACK OR SIMILAR ARTICLE
Harry A. Tomarin, Cincinnati, Ohio
Application October 19, 1946, Serial No. 134,103
Term of patent 14 years
(Cl. D33—8)



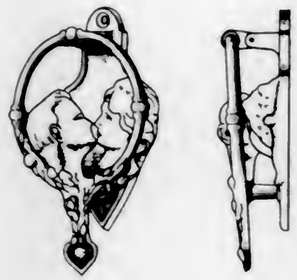
The ornamental design for a tie rack or similar article, as shown.

151,573
DESIGN FOR A FUR COAT
Joseph Weckstein, New York, N. Y.
Application June 11, 1947, Serial No. 139,586
Term of patent 14 years
(Cl. D3—4)



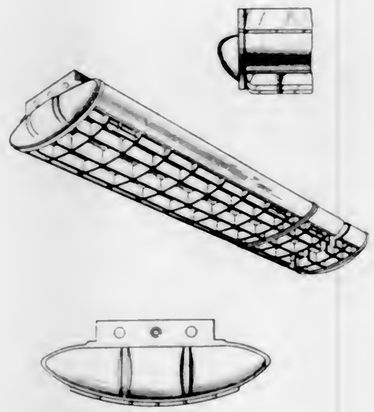
The ornamental design for a fur coat, substantially as shown and described.

151,574
DESIGN FOR A DOOR KNOCKER
John F. Williams, Hingham, Mass.
Application November 6, 1946, Serial No. 134,544
Term of patent 14 years
(Cl. D10—7)



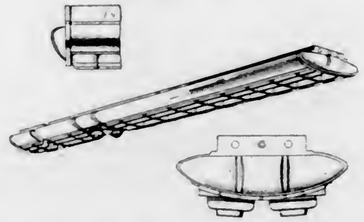
The ornamental design for a door knocker, as shown.

151,575
DESIGN FOR A LUMINAIRE
Frederic C. Winkler and Burton A. Wyman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application April 27, 1946, Serial No. 129,005
Term of patent 14 years
(Cl. D48—23)



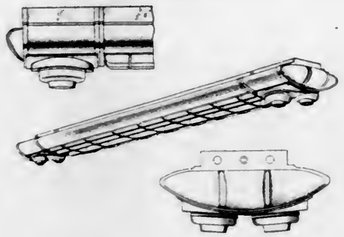
The ornamental design for a luminaire, substantially as shown and described.

151,576
DESIGN FOR A LUMINAIRE
Frederic C. Winkler and Burton A. Wyman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application April 27, 1946, Serial No. 129,006
Term of patent 14 years
(Cl. D48—23)



The ornamental design for a luminaire, substantially as shown and described.

151,577
DESIGN FOR A LUMINAIRE
Frederic C. Winkler and Burton A. Wyman, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application April 27, 1946, Serial No. 129,007
Term of patent 14 years
(Cl. D48—23)



The ornamental design for a luminaire, substantially as shown.

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